

Office of the President

TO MEMBERS OF THE COMMITTEE ON COMPLIANCE AND AUDIT:

DISCUSSION ITEM

For Meeting of May 14, 2014

SUMMARY OF RESULTS OF THE UNIVERSITY'S 2013 A-133 AUDIT

The University's 2013 A-133 report is completed and a copy of the report is attached. Highlights from the University's A-133 audit are:

- The objective was for PricewaterhouseCoopers (PwC) to perform an audit of the University's financial statements in accordance with Government Auditing Standards. Items subject to compliance testing for purposes of the audit requirements under OMB Circular A-133 are direct and indirect charges related to research and development and other awards and student financial aid expenditures and outstanding loans.
- Total federal awards expenditures were \$4.1 billion.
- Four programs were audited as "Major Programs" in 2013, compared to three audited by PwC in 2012.
- Six campus locations were in-scope for 2013 A-133 testing (four for student financial aid and four for research and development; at two of these campuses, both student financial aid and research and development were tested). Two of the six campuses had an "Other Major Program" that was also audited.

The four programs that were audited by PwC in 2013 included:

- Research & Development (R&D) Cluster – \$3.4 billion
- Student Financial Aid (SFA) Cluster – \$376 million (plus \$1.1 billion in student loans authorized or advanced)
- United States Department of Agriculture Cooperative Extension Service – \$18 million
- California Health and Welfare Social Services Program – \$27.5 million

There were three findings in the 2013 A-133 report:

| Findings: | Management's Responses: |
|---|--|
| <i>1. Conduct a Biennial Physical Inventory (R&D)</i> | |
| <ul style="list-style-type: none"> At one location, PwC noted that a physical inventory of equipment purchased with federal funds had not been completed within the last two years, as required under federal regulations. No questioned costs were identified. | <ul style="list-style-type: none"> The affected campus enhanced communications with the leadership of the schools and colleges responsible for completing the inventories in April 2013 which was after the 10/31/12 inventory deadline. However, it should be noted that all equipment inventory requirements for the 10/31/13 cycle were completed on time. This campus believes the heightened sense of awareness regarding equipment inventory on campus and more proactive central office monitoring will ensure continued compliance in this area. |
| <i>2. Transparency Act Reporting Requirements (R&D)</i> | |
| <ul style="list-style-type: none"> 93 out of a total of 521 subawards across four campuses were tested for compliance with the Federal Funding Accountability and Transparency Act (FFATA) reporting requirements. There were three affected campuses for a total of four reports that had not been submitted on time into the FFATA Subaward Reporting System (FSRS). The number of days these reports were submitted past the due date was as follows: 85, 209, 331 and 788 days late. No questioned costs were identified. | <ul style="list-style-type: none"> The first affected campus immediately instituted a secondary review of the monthly FFATA tracking report by another staff member to double-check that all records are reported on time. The missed filing occurred during the transition of subaward responsibilities and other functions between departments at the second campus. The transition is now complete, and the dedicated group will allow this department to focus efforts on meeting the filing deadline. Besides its continued efforts in communicating and training on the FFATA reporting and compliance requirements, the third campus has established a new team dedicated solely |

| | |
|--|---|
| | to issuances of subawards. Additionally, an analyst has been assigned to review the monthly report of all executed subawards and to check against FSRs.gov that FFATA required reports have been completed. The campus Associate Directors of Sponsored Programs and the Executive Director of Research Administration are notified of any FFATA non-compliant reporting. |
| <i>3. Calculation of Title IV Funds (SFA)</i> | |
| <ul style="list-style-type: none"> – Out of 100 students selected for testing who withdrew from the University after beginning attendance, an issue was identified at two of the four campuses where the amount of Title IV funds to be returned was incorrectly calculated for three students. | <ul style="list-style-type: none"> – All three identified errors were caused by incorrect information being entered into the student system. All of the errors have been promptly corrected and properly rectified. At one affected campus, two additional steps in the Title IV refund process have been implemented. At the other campus, there is a new process of having one individual enter the withdrawal date in the student records database and another individual perform a secondary review of the weekly report of withdrawal effective dates. At both campuses, all Title IV refunds for FY2013 and FY2014 will be or have been reviewed for accuracy. |

Management has implemented procedures to address all findings from 2012. All findings, except for the two findings to Conduct a Biennial Physical Inventory and Transparency Act Reporting Requirements at one campus, were remedied. The remediation plans for Conduct a Biennial Physical Inventory and Transparency Act Reporting Requirements at this campus were still in process, therefore the findings were repeated in 2013.

(Attachment - below)

University of California

Report on Audit of Financial Statements
and on Federal Awards Programs
in Accordance with OMB Circular A-133
For the Year Ended June 30, 2013

Location

EIN

| | |
|-------------------------|------------|
| Office of the President | 94-3067788 |
| Berkeley | 94-6002123 |
| Davis | 94-6036494 |
| Irvine | 95-2226406 |
| Los Angeles | 95-6006143 |
| Merced | 27-0093858 |
| Riverside | 95-6006142 |
| San Diego | 95-6006144 |
| San Francisco | 94-6036493 |
| Santa Barbara | 95-6006145 |
| Santa Cruz | 94-1539563 |

University of California

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June 30, 2013

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Independent Auditor's Report

To The Regents of the University of California:

Report on the Financial Statements

We have audited the accompanying financial statements of the University of California (the "University"), a component unit of the State of California, its aggregate discretely presented component units, the University of California Retirement System (the "Plans") and the University of California Retiree Benefit Health Trust (the "Trust"), as of and for the years ended June 30, 2013 and 2012, and the related notes to the financial statements, which collectively comprise the University's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on the financial statements based on our audits. We did not audit the financial statements of the University of California Berkeley Foundation, which represent 24 percent and 24 percent of the assets, 24 percent and 24 percent of the net position, and 16 percent and 19 percent of the operating revenues of the aggregate discretely presented component units as of and for the years ended June 30, 2013 and 2012, respectively. Those statements were audited by other auditors whose report has been furnished to us, and our opinion, insofar as it relates to the amounts included for the University of California Berkeley Foundation, is based solely on the report of the other auditors. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the University's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.



Opinions

In our opinion, based on our audits and the report of other auditors, the financial statements referred to above present fairly, in all material respects, the respective financial position of the University, its aggregate discretely presented component units, the University of California Retirement System and University of California Retiree Benefit Health Trust at June 30, 2013 and 2012, and the respective changes in financial position and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the accompanying Management's Discussion and Analysis and the required supplementary information on the University's Schedule of Funding Progress for UCRP and the Retiree Health Plan on pages 4 through 24 and page 89, respectively, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in the appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise the University's basic financial statements. The accompanying summary schedule of expenditures of federal awards and schedule of expenditures of federal awards for the year ended June 30, 2013 are presented for purposes of additional analysis as required by Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations* and are not a required part of the basic financial statements.

The accompanying summary schedule of expenditures of federal awards and schedule of expenditures of federal awards are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the summary schedule of expenditures of federal awards and schedule of expenditures of federal awards are fairly stated, in all material respects, in relation to the basic financial statements as a whole.



Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 9, 2013 on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended June 30, 2013. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control over financial reporting and compliance.

PricewaterhouseCoopers LLP

October 9, 2013, except for our report on the Summary Schedule of Expenditures of Federal Awards and Schedule of Expenditures of Federal Awards for which the date is March 7, 2014

Management's Discussion and Analysis (Unaudited)

The objective of Management's Discussion and Analysis is to help readers of the University of California's financial statements better understand the financial position and operating activities for the year ended June 30, 2013, with selected comparative information for the years ended June 30, 2012 and 2011. This discussion has been prepared by management and should be read in conjunction with the financial statements and the notes to the financial statements. Unless otherwise indicated, years (2011, 2012, 2013, 2014, etc.) in this discussion refer to the fiscal years ended June 30.

The University of California's financial report communicates financial information for the University of California (the University), the University of California campus foundations (campus foundations), the University of California Retirement System (UCRS) and the University of California Retiree Health Benefit Trust (UCRHBT) through five primary financial statements and notes to the financial statements. Three of the primary statements, the statements of net position, the statements of revenues, expenses and changes in net position and the statements of cash flows, present the financial position, changes in financial position and cash flows for the University and the affiliated campus foundations. The financial statements for the campus foundations are presented discretely from the University. Two of the primary statements, the statements of plans' and trust's fiduciary net position and the statements of changes in plans' and trust's fiduciary net position, present the financial position and operating activities for UCRS and UCRHBT. The notes to the financial statements provide additional information that is essential to a full understanding of the financial statements.

THE UNIVERSITY OF CALIFORNIA

The University of California, one of the largest and most acclaimed institutions of higher learning in the world, is dedicated to excellence in teaching, research, health care and public service. The University has annual resources of nearly \$25.1 billion and encompasses ten campuses, five medical schools and medical centers, four law schools and a statewide Division of Agriculture and Natural Resources. The University is also involved in the operation and management of three national laboratories for the U.S. Department of Energy (DOE).

Campuses. The ten campuses are located in Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, San Francisco, Santa Barbara and Santa Cruz. All of the campuses, except San Francisco, offer undergraduate, graduate and professional education; the San Francisco campus is devoted exclusively to graduate and professional education in health sciences.

Health sciences. The University operates one of the nation's largest health science and medical training programs. The instructional program is conducted in 16 health professional schools on six campuses. Our health programs include five medical centers, two dental schools, three nursing schools, two public health schools and two pharmacy schools, in addition to a school of optometry and a school of veterinary medicine. The University's medical schools play a leading role in the development of health services and advancement of medical science and research.

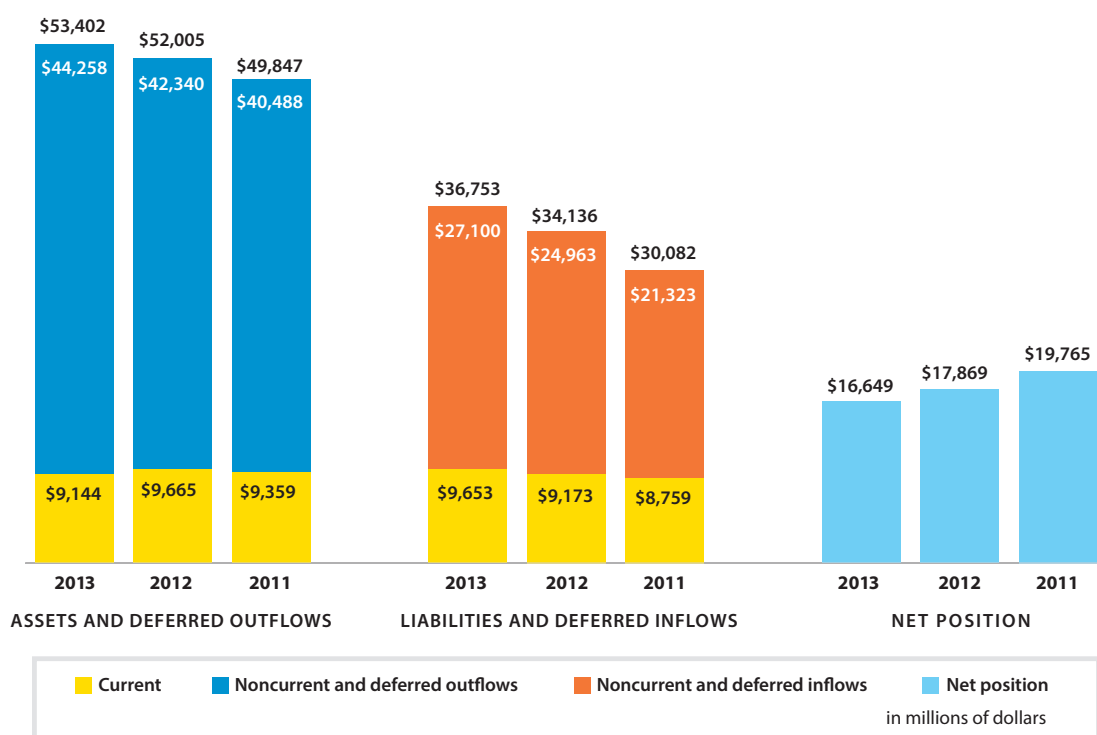
Law schools. The University has law schools at Berkeley, Davis, Irvine and Los Angeles. Also, the Hastings College of the Law in San Francisco is affiliated with the University, although not included in the financial reporting entity.

Agriculture and Natural Resources. The Division of Agriculture and Natural Resources is a statewide research and public service organization that serves a large and diverse agricultural community. The division conducts studies on the Berkeley, Davis and Riverside campuses, at nine research and extension centers and on private land in cooperation with California producers. In addition, research and educational programs are conducted in each of the state's 58 counties.

University Extension. The foremost continuing education program of its kind in size, scope and quality of instruction, University Extension offers almost 20,000 self-supporting courses statewide and in several foreign countries.

National laboratories. Under contract with the U.S. Department of Energy, the University operates and manages the Ernest Orlando Lawrence Berkeley National Laboratory (LBNL) in California. The University is a member in two separate joint ventures, Los Alamos National Security, LLC (LANS) and Lawrence Livermore National Security, LLC (LLNS) that operate and manage the Los Alamos National Laboratory (LANL) and Lawrence Livermore National Laboratory (LLNL), respectively, under contracts directly with the DOE. The laboratories conduct broad and diverse basic and applied research in nuclear science, energy production, national defense and environmental and health areas.

THE UNIVERSITY'S FINANCIAL POSITION



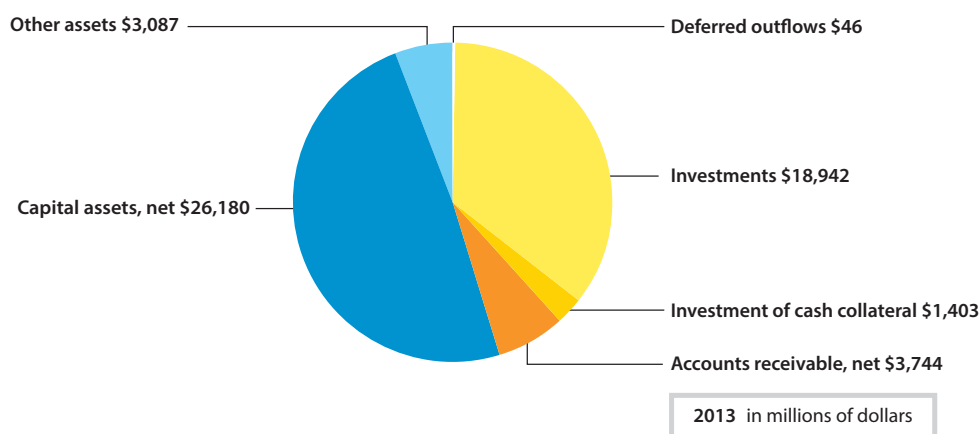
The statement of net position presents the financial position of the University at the end of each year. It displays all of the University's assets, deferred outflows, liabilities and deferred inflows. The difference between assets, deferred outflows, liabilities and deferred inflows is net position.

The major components of the assets, deferred outflows, liabilities, deferred inflows and net position as of 2013, 2012 and 2011 are as follows:

(in millions of dollars)

| | 2013 | 2012 | 2011 |
|---|-----------------|------------------|-----------------|
| ASSETS | | | |
| Investments | \$ 18,942 | \$ 18,293 | \$ 18,259 |
| Investment of cash collateral | 1,403 | 1,631 | 2,043 |
| Accounts receivable, net | 3,744 | 3,416 | 2,990 |
| Capital assets, net | 26,180 | 25,216 | 23,744 |
| Other assets | 3,087 | 3,380 | 2,764 |
| Total assets | 53,356 | 51,936 | 49,800 |
| DEFERRED OUTFLOWS OF RESOURCES | | | |
| Deferred outflows from interest rate swap agreements | 46 | 69 | 47 |
| Total deferred outflows of resources | 46 | 69 | 47 |
| LIABILITIES | | | |
| Debt, including commercial paper | 17,099 | 17,335 | 14,378 |
| Securities lending collateral | 1,403 | 1,631 | 2,043 |
| Obligation to UCRP | 3,357 | 1,919 | 1,725 |
| Obligations for retiree health benefits | 7,577 | 6,448 | 5,257 |
| Other liabilities | 7,285 | 6,771 | 6,645 |
| Total liabilities | 36,721 | 34,104 | 30,048 |
| DEFERRED INFLOWS OF RESOURCES | | | |
| Deferred inflows from service concession arrangements | 32 | 32 | 34 |
| Total deferred inflows of resources | 32 | 32 | 34 |
| NET POSITION | | | |
| Invested in capital assets, net of related debt | 11,954 | 11,360 | 11,162 |
| Reserved for minority interests | 47 | 47 | 31 |
| Restricted: | | | |
| Nonexpendable | 1,087 | 1,057 | 1,035 |
| Expendable | 5,729 | 5,505 | 5,944 |
| Unrestricted | (2,168) | (100) | 1,593 |
| Total net position | \$16,649 | \$ 17,869 | \$19,765 |

The University's Assets and Deferred Outflows



The University's total assets have grown to \$53.4 billion in 2013, compared to \$51.9 billion in 2012 and \$49.8 billion in 2011. Generally, over the past two years, capital assets have increased while investments have fluctuated consistent with market performance.

Investments

Investments held by the University are principally carried in three investment pools, the Short Term Investment Pool (STIP), the Total Return Investment Pool (TRIP) and the General Endowment Pool (GEP). Cash for operations and bond proceeds for construction expenditures are invested in STIP. The University uses STIP to meet operational liquidity needs. TRIP allows participating campuses the opportunity to maximize the return on long-term capital by taking advantage of the economies of scale of investing in a large pool across a broad range of asset classes. TRIP is managed to a total return objective and is intended to supplement STIP. As a result of continued low interest rates, the University increased its use of TRIP to enhance investment returns, while still maintaining sufficient funds in STIP to meet operational liquidity needs. The GEP is a balanced portfolio and the primary investment vehicle for individual endowments and funds functioning as endowments.

The Regents of the University of California (The Regents) utilize asset allocation strategies that are intended to optimize investment returns over time in accordance with investment objectives and at acceptable levels of risk. The GEP portfolio return was a positive return of 12.0 percent in 2013, a negative return of 0.7 in 2012 and a positive return of 20.2 percent in 2011. TRIP had positive returns of 8.3 percent in 2013, 6.7 percent in 2012 and 11.2 percent in 2011. STIP had positive returns of 2.1 percent, 2.4 percent and 2.5 percent in 2013, 2012 and 2011, respectively.

While investments increased due to strong market performance in 2013, investments also decreased in 2013 by \$123.8 million because the University changed its accounting policy for reporting externally-held irrevocable trusts to report these gifts when the time requirements are met and the gifts are received.

Investment of cash collateral

The University participates in a securities lending program incorporating securities owned by both the University and UCRS as a means to augment income. Cash collateral fluctuates in response to changes in demand from borrowers and the availability of securities based upon the University's asset allocation mix.

Capital assets, net

Capital spending continues at a brisk pace in order to provide the facilities necessary to support the University's teaching, research and public service mission and for patient care. These facilities include core academic buildings, libraries, student services, housing and auxiliary enterprises, health science centers, utility plants and infrastructure and remote centers for educational outreach, research and public service. Total additions of capital assets were \$2.6 billion in 2013 as compared to \$3.0 billion in 2012 and \$2.7 billion in 2011. Capital assets for 2013, 2012 and 2011 were restated for service concession arrangements primarily related to housing and daycare facilities owned and operated by third parties as a result of a new accounting pronouncement by \$31.6 million, \$32.6 million and \$33.5 million, respectively.

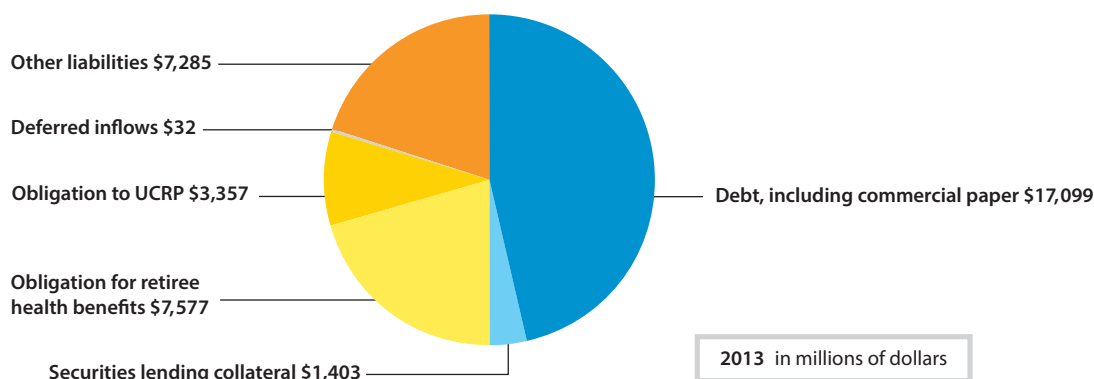
Other assets

Other assets include cash, investments held by trustees, pledge receivables, note and mortgage receivables, inventories and a receivable from the DOE.

Deferred outflows of resources

Changes in fair values of the University's interest rate swaps that are determined to be hedging derivatives are reported as deferred outflows of resources.

The University's Liabilities and Deferred Inflows



The University's liabilities grew to \$36.7 billion in 2013, compared to \$34.1 billion in 2012 and \$30.0 billion in 2011. Increases in 2013 were primarily obligations for retiree pensions and health benefits. In 2012, the increase was due to the issuance of additional debt and increases in the obligations for retiree pensions and health benefits.

Debt, including commercial paper

Capital assets are financed from a variety of sources, including University equity contributions, federal and state support, revenue bonds, bank loans, leases or structures that involve separate legal entities. Commercial paper and bank loans provide interim financing for capital assets during the construction period.

Outstanding debt decreased by \$0.2 billion in 2013 and increased by \$3.0 billion in 2012. A summary of the activity follows:

(in millions of dollars)

| | 2013 | 2012 |
|--|-----------------|----------------|
| ADDITIONS TO OUTSTANDING DEBT | | |
| General Revenue Bonds | \$1,596 | \$2,460 |
| Medical Center Pooled Revenue Bonds | | |
| Limited Project Revenue Bonds | 1,000 | |
| Capital leases | 187 | 427 |
| Other borrowings | 118 | 205 |
| Blended Component Unit Revenue Bonds | | 110 |
| Commercial Paper | | 523 |
| Bond premium, net | 229 | 48 |
| Additions to outstanding debt | 3,130 | 3,773 |
| REDUCTIONS TO OUTSTANDING DEBT | | |
| Refinancing and prepayments | (2,401) | (277) |
| Scheduled principal payments | (875) | (444) |
| Payments on other borrowings | (41) | (71) |
| Commercial paper | (3) | |
| Other, including deferred financing costs, net | (46) | (24) |
| Reductions to outstanding debt | (3,366) | (816) |
| Net increase in outstanding debt | \$ (236) | \$2,957 |

The University's debt, which is used to finance capital assets, includes \$1.3 billion of commercial paper outstanding at the end of 2013, \$1.3 billion of commercial paper outstanding at the end of 2012 and \$800 million at the end of 2011. Total debt outstanding was \$17.1 billion at the end of 2013, compared to \$17.3 billion at the end of 2012 and \$14.4 billion at the end of 2011.

In 2013, General Revenue Bonds of \$1.6 billion and Limited Project Revenue Bonds of \$1.0 billion were issued to finance and refinance certain facilities and projects of the University. The \$1.6 billion of General Revenue bonds includes \$287 million to refinance previously issued debt that was issued to finance pension contributions to UCRP. Reductions to outstanding debt in

2013 were \$3.3 billion, including \$2.4 billion for one-time principal payments for the refinancing or refunding of previously outstanding debt. The refinancing and refunding of previously outstanding General Revenue Bonds resulted in gross refunding savings of \$252.4 million. The refinancing and refunding of previously outstanding Limited Project Revenue Bonds resulted in gross refunding savings of \$150.4 million and cash flow restructuring savings of \$69.6 million.

In August 2013, the University issued Medical Center Pooled Revenue Bonds totaling \$650.0 million to finance and refinance certain facilities and projects. In October 2013, the University issued General Revenue Bonds of \$2.5 billion to restructure Lease Revenue Bonds issued by the State Public Works Board of the state of California, reported as lease-purchase agreements by the University. General Revenues, as defined in the Indenture, have been amended to include certain state appropriations as to secure payment of the General Revenue Bonds.

In 2012, \$3.8 billion of debt was issued. In July 2011, the University issued General Revenue Bonds totaling \$1.2 billion to finance pension contributions to UCRP and operating costs on an interim basis. Due to favorable interest rates, the University elected to issue taxable bonds for \$935 million to make additional contributions to UCRP. Funding additional UCRP contributions reduces the future growth of UCRP's unfunded liability and allows the University to lower future employer contributions. The University used \$263 million of tax-exempt bonds as an interim financing vehicle for operations. State appropriations of \$500 million due in the first quarter were deferred until the end of 2012. The University repaid the tax-exempt bonds of \$263 million on July 1, 2012.

In 2012, the University also issued General Revenue Bonds of \$1.3 billion to finance and refinance certain facilities and projects of the University. Reductions to outstanding debt in 2012 were \$816 million, including \$277 million for one-time principal payments for the refinancing or refunding of previously outstanding debt. The refinancing and refunding of previously outstanding debt resulted in gross savings of \$20.5 million. The General Revenue Bonds issued included \$860 million of bonds maturing in 2112 to finance and refinance capital projects of the University or for such other purposes as authorized by The Regents.

The University's General Revenue Bond ratings are currently affirmed at Aa1 with a negative outlook by Moody's Investors Service, AA+ by Fitch with a stable outlook and AA by Standard & Poor's with a stable outlook. The University's Limited Project Revenue Bonds and Medical Center Pooled Revenue Bonds are currently affirmed at Aa2 with a negative outlook by Moody's Investors Service, AA by Fitch with a stable outlook and AA- by Standard & Poor's with a stable outlook.

Commercial paper borrowings were unchanged at June 30, 2013, and increased by \$523 million at June 30, 2012. Commercial paper is used as interim financing for construction projects and equipment financing. Commercial paper fluctuates based upon the timing of refinancing construction projects with the issuance of General Revenue Bonds or Limited Project Revenue Bonds. The University has various revolving credit agreements totaling \$630.5 million with major financial institutions for the purpose of providing additional liquidity.

Securities lending collateral

Under the securities lending program, the University records a liability to the borrower for cash collateral received and held by the University for securities on loan at the end of the year. All borrowers are required to provide additional collateral by the next business day if the value of the collateral falls to less than 100 percent of the fair value of the securities lent. The amount of the securities lending collateral liability fluctuates directly with securities lending opportunities and the investment of cash collateral.

Obligations to UCRP and for retiree health benefits

The University has a financial responsibility for pension benefits associated with its defined benefit plan and for retiree health benefits. LBNL participates in the University's defined benefit pension plan, although the DOE has an ongoing financial responsibility to reimburse the University for LBNL's share of the obligation to UCRP. In addition, under certain circumstances the University makes contributions to UCRP for LANL and LLNL retirees and, based upon contractual arrangements with the DOE, is reimbursed by the DOE. As of June 30, 2012, the University reported receivables from the DOE and payables to UCRP of \$306 million for contributions that were scheduled to be paid under the DOE contract in February 2013. Due to federal budget constraints, the DOE only paid \$226 million in 2013. As of June 30, 2013, the University did not report any amounts due from DOE or payable to UCRP for contributions.

The University's obligation to UCRP represents the unfunded portion of the actuarial-determined annual required contributions under the University's funding policy. The funding policy contributions for 2013 were \$2.5 billion, which represents 28.56 percent of covered compensation. The funding policy contributions for 2012 were \$2.2 billion, which represents 26.35 percent of covered compensation. Total contributions to UCRP for 2013 and 2012 were \$0.9 billion and \$1.5 billion, respectively.

The University's obligation for retiree health benefits is based upon an actuarial determination of the annual retiree health benefit expense. The University funds the retiree health expense through UCRHBT based upon a projection of benefits on a pay-as-you-go basis. The increase of \$1.1 billion and \$1.2 billion in both 2013 and 2012, respectively, in the obligation for retiree health benefits is due to the impact of amortizing the University's unfunded obligation. The unfunded liability for the campuses and medical centers as of the July 1, 2012 actuarial valuation was \$14.5 billion.

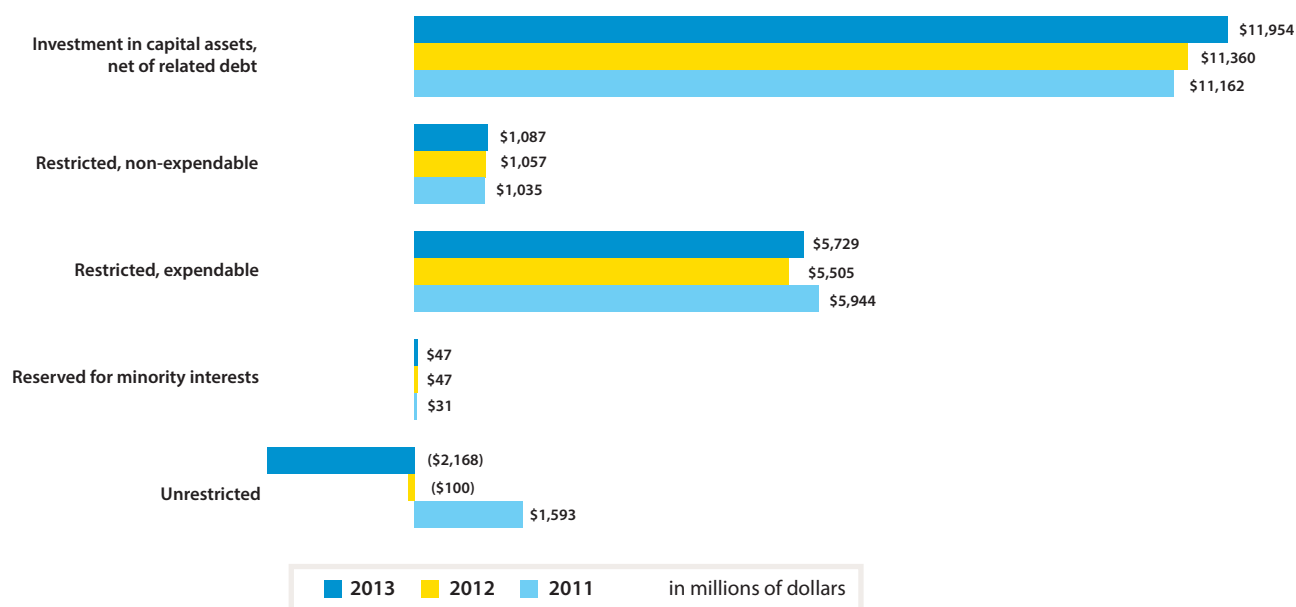
Other liabilities

Other liabilities consist of accounts payable, accrued salaries, other employee benefits, unearned revenue, funds held for others, DOE laboratories' liabilities, federal refundable loans, self-insurance and obligations under life income agreements. In 2013, the University formed a wholly-owned captive insurance company to manage certain self-insured risks.

Deferred Inflows of Resources

Deferred inflows of resources are related to the University's service concession arrangements.

The University's Net Position



Net position represents the residual interest in the University's assets and deferred outflows after all liabilities and deferred inflows are deducted. The University's net position is \$16.7 billion in 2013, compared to \$17.9 billion in 2012 and \$19.8 billion in 2011. Net position is reported in the following categories: invested in capital assets, net of related debt; reserved for minority interests; restricted, nonexpendable; restricted, expendable; and unrestricted.

Invested in capital assets, net of related debt

The portion of net position invested in capital assets, net of accumulated depreciation and the related outstanding debt used to finance the acquisition, construction or improvement of these capital assets, is \$12.0 billion in 2013, compared to \$11.4 billion in 2012 and \$11.2 billion in 2011. The University continues to invest in its physical facilities.

Restricted, nonexpendable

Restricted, nonexpendable net position includes the corpus of the University's permanent endowments and the estimated fair value of certain planned giving arrangements. In 2013 and 2012, the increases in restricted nonexpendable net position were principally due to investment performance in excess of the income distribution.

Restricted, expendable

Restricted, expendable net position is subject to externally-imposed restrictions governing their use. Net position may be spent only in accordance with the restrictions placed upon them and may include endowment income and gains, subject to the University's spending policy; support received from gifts, appropriations or capital projects; trustee held investments; or other third-party receipts. The increases or decreases in restricted, expendable funds are principally due to unrealized appreciation or depreciation respectively in the fair value of investments related to restricted gifts and funds functioning as endowments.

Unrestricted

Under generally-accepted accounting principles, net position that is not subject to externally-imposed restrictions governing their use must be classified as unrestricted for financial reporting purposes. Although unrestricted net position is not subject to externally-imposed restrictions, substantially all of the net position is allocated for academic and research initiatives or programs and for capital and other purposes. As of June 30, 2013 and 2012, unrestricted net position is in a deficit position. The decreases in both years are due to pension plan funding requirements and increases in the obligation for retiree health benefits.

The University's Results of Operations

The statement of revenues, expenses and changes in net position is a presentation of the University's operating results. It indicates whether the financial condition has improved or deteriorated. In accordance with the Governmental Accounting Standards Board (GASB) requirements, certain significant revenues relied upon and budgeted for fundamental operational support of the core instructional mission of the University are required to be recorded as nonoperating revenues, including state educational appropriations, private gifts and investment income. A summarized comparison of the operating results for 2013, 2012 and 2011, arranged in a format that matches the revenue supporting the core activities of the University with the expenses associated with core activities, is as follows:

(in millions of dollars)

| | 2013 | | | 2012 | | | 2011 | | |
|--|-------------------|-----------------|------------------|-------------------|-----------------|------------------|-------------------|-----------------|------------------|
| | OPERATING | NONOPERATING | TOTAL | OPERATING | NONOPERATING | TOTAL | OPERATING | NONOPERATING | TOTAL |
| REVENUES | | | | | | | | | |
| Student tuition and fees, net | \$ 3,403 | | \$ 3,403 | \$ 3,237 | | \$ 3,237 | \$ 2,811 | | \$ 2,811 |
| State educational appropriations | | \$ 2,154 | 2,154 | | \$ 1,964 | 1,964 | | \$ 2,651 | 2,651 |
| Pell grants | | 346 | 346 | | 359 | 359 | | 352 | 352 |
| Grants and contracts, net | 5,079 | | 5,079 | 5,240 | | 5,240 | 5,249 | | 5,249 |
| Medical centers, educational activities and auxiliary enterprises, net | 10,890 | 3 | 10,893 | 10,067 | 9 | 10,076 | 9,407 | 144 | 9,551 |
| Department of Energy laboratories | 1,032 | | 1,032 | 1,014 | | 1,014 | 977 | | 977 |
| Private gifts, net | | 802 | 802 | | 805 | 805 | | 816 | 816 |
| Investment income, net | | 366 | 366 | | 422 | 422 | | 407 | 407 |
| Other revenues | 696 | 304 | 1,000 | 650 | 282 | 932 | 596 | 264 | 860 |
| Revenues supporting core activities | 21,100 | 3,975 | 25,075 | 20,208 | 3,841 | 24,049 | 19,040 | 4,634 | 23,674 |
| EXPENSES | | | | | | | | | |
| Salaries and benefits | 17,300 | | 17,300 | 16,617 | | 16,617 | 15,764 | | 15,764 |
| Scholarships and fellowships | 592 | | 592 | 599 | | 599 | 597 | | 597 |
| Utilities | 281 | | 281 | 280 | | 280 | 281 | | 281 |
| Supplies and materials | 2,465 | | 2,465 | 2,382 | | 2,382 | 2,108 | | 2,108 |
| Depreciation and amortization | 1,555 | | 1,555 | 1,478 | | 1,478 | 1,406 | | 1,406 |
| Department of Energy laboratories | 1,026 | | 1,026 | 1,008 | | 1,008 | 970 | | 970 |
| Interest expense | | 670 | 670 | | 632 | 632 | | 572 | 572 |
| Other expenses | 3,394 | 15 | 3,409 | 3,051 | 93 | 3,144 | 3,029 | 68 | 3,097 |
| Expenses associated with core activities | 26,613 | 685 | 27,298 | 25,415 | 725 | 26,140 | 24,155 | 640 | 24,795 |
| Income (loss) from core activities | \$ (5,513) | \$ 3,290 | (2,223) | \$ (5,207) | \$ 3,116 | (2,091) | \$ (5,115) | \$ 3,994 | (1,121) |
| OTHER NONOPERATING ACTIVITIES | | | | | | | | | |
| Net appreciation (depreciation) in fair value of investments | | | 727 | | | (155) | | | 1,082 |
| Income before other changes in net assets | | | (1,496) | | | (2,247) | | | (39) |
| OTHER CHANGES IN NET POSITION | | | | | | | | | |
| State capital appropriations | | | 120 | | | 140 | | | 190 |
| Capital gifts and grants, net | | | 257 | | | 198 | | | 247 |
| Permanent endowments | | | 23 | | | 12 | | | 16 |
| Increase (decrease) in net position | | | (1,096) | | | (1,896) | | | 414 |
| NET POSITION | | | | | | | | | |
| Beginning of year, as previously reported | | | 17,869 | | | 19,765 | | | 19,351 |
| Cumulative effect of accounting changes | | | (124) | | | | | | |
| Beginning of year, as restated | | | 17,745 | | | 19,765 | | | 19,351 |
| End of year | | | \$ 16,649 | | | \$ 17,869 | | | \$ 19,765 |

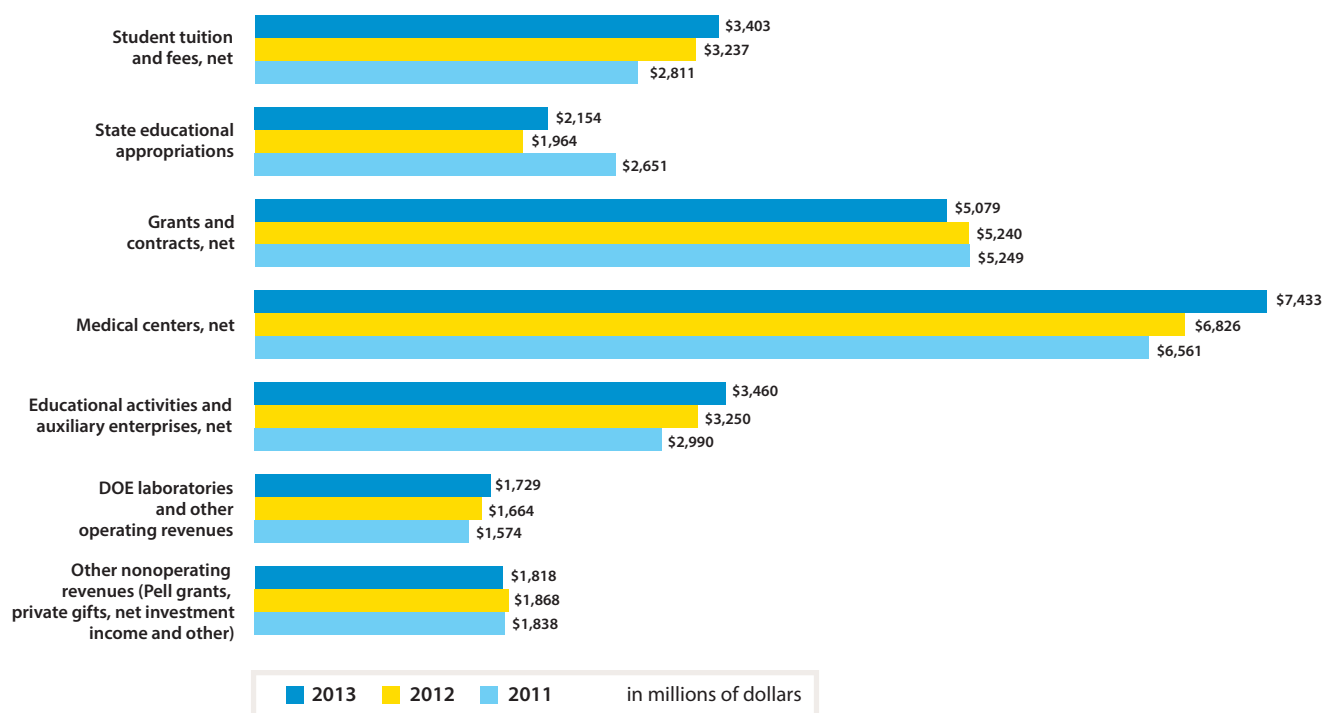
Revenues Supporting Core Activities

Revenues to support the University's core activities, including those classified as nonoperating revenues, were \$25.1 billion, \$24.0 billion and \$23.7 billion in 2013, 2012 and 2011, respectively. These diversified sources of revenue increased by \$1.0 billion in 2013 and by \$0.3 billion in 2012.

The state of California's educational appropriations, in conjunction with student tuition and fees, are the core components that support the instructional mission of the University. Grants and contracts provide opportunities for undergraduate and graduate students to participate in basic research alongside some of the most prominent researchers in the country.

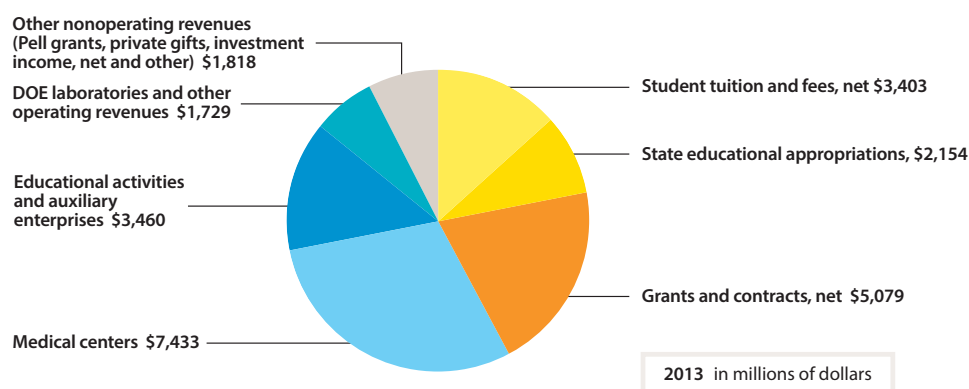
Gifts to the University allow crucial flexibility to faculty for support of their fundamental activities or new academic initiatives. Other significant revenues are from medical centers, educational activities and auxiliary enterprises such as student housing, food service operations and parking.

Revenues in the various categories have increased and decreased over the last three years as follows:



A major financial strength of the University includes a diverse source of revenues, including those from student fees, federally-sponsored grants and contracts, medical centers, the state of California, private support and self-supporting enterprises. The variety of fund sources has become increasingly important over the past several years given the effects of the state's financial crisis that required reductions in both instructional and non-instructional programs.

Categories of both operating and nonoperating revenue that supported the University's core activities in 2013 are as follows:



Student tuition and fees, net

Net student tuition and fees were \$3.4 billion, \$3.2 billion and \$2.8 billion in 2013, 2012 and 2011, respectively. Student tuition and fees, net of scholarship allowances, increased by \$166 million and \$426 million in 2013 and 2012, respectively. Scholarship allowances were \$1.0 billion in 2013, \$979 million in 2012 and \$830 million in 2011. Scholarship allowances are reported as an offset to revenue, not as an operating expense. Consistent with past practices, approximately one-third of the revenue generated from these fee increases was used for financial aid to mitigate the impact on low-income students.

In 2013 and 2012, enrollment grew by 0.8 percent and 0.9 percent, respectively. Mandatory tuition and fees for resident undergraduates were not changed in 2013 and 2012. Mandatory tuition and fees for resident undergraduates were increased 8.0 percent effective summer 2011 and 9.6 percent effective fall 2011 in response to reductions in state educational appropriations. Nonresident undergraduates and both resident and nonresident graduate students also experienced increases in mandatory tuition and fees. Professional degree supplemental tuition varies by discipline, although most programs increased supplemental tuition levels in 2013 and 2012.

State educational appropriations

Educational appropriations from the state of California were \$2.2 billion, \$2.0 billion and \$2.7 billion in 2013, 2012 and 2011, respectively. State educational appropriations increased in 2013 by \$190.9 million, as a result of tax initiatives approved by the voters of California in November 2012. The University did not raise tuition in 2012 in connection with the passage of these tax initiatives.

State educational appropriations decreased in 2012 by \$687 million as the state continued to address its fiscal challenges and due to the expiration of federal stimulus programs. State resources for enrollment growth, faculty and staff increases and other inflationary cost increases were not available, leading to increases in student tuition and fees.

Grants and contracts, net

Revenue from federal, state, private and local government grants and contracts — including an overall facilities and administration cost recovery of \$991 million, \$998 million and \$992 million in 2013, 2012 and 2011, respectively — were \$5.1 billion in 2013, \$5.2 billion in 2012 and \$5.2 billion in 2011.

In 2013, federal grants and contracts revenue, including the federal facilities and administrative cost recovery of \$732 million, decreased \$17 million, or 2.24 percent as compared to 2012. In 2012, federal grants and contracts revenue, including the federal facilities and administration cost recovery of \$749 million, were down slightly compared to 2011. Expiring federal grants and contracts funded from federal economic stimulus funds made available by the American Recovery and Reinvestment Act (ARRA) and federal budget cuts have slowed the University's growth in federal grants and contracts. Grant and contract revenue is from a variety of federal agencies as indicated below:

(in millions of dollars)

| | 2013 | 2012 | 2011 |
|--|----------------|----------------|----------------|
| Department of Health and Human Services | \$1,967 | \$2,000 | \$2,100 |
| National Science Foundation | 478 | 512 | 504 |
| Department of Education | 75 | 70 | 108 |
| Department of Defense | 271 | 253 | 235 |
| National Aeronautics and Space Administration | 94 | 97 | 96 |
| Department of Energy (excluding national laboratories) | 111 | 110 | 103 |
| Other federal agencies | 249 | 305 | 242 |
| Federal grants and contracts net revenue | \$3,245 | \$3,347 | \$3,388 |

Medical centers, educational activities and auxiliary enterprises, net

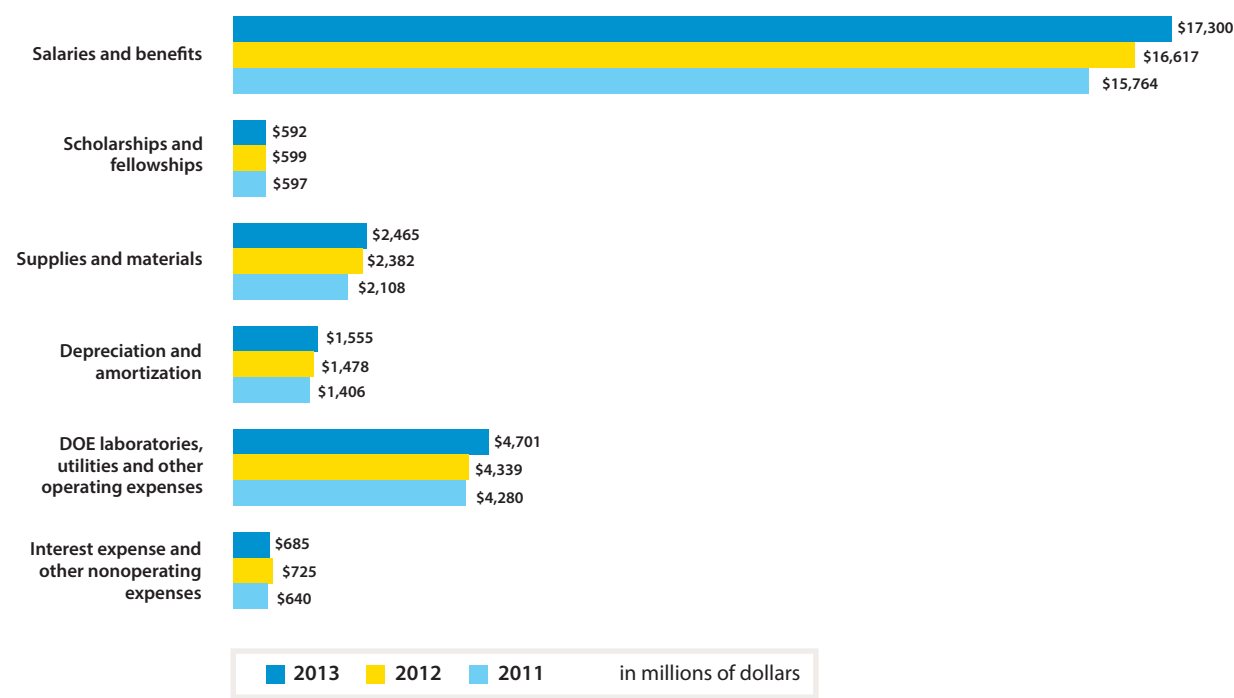
Medical center revenues, including state hospital fee grants and net of allowances, increased \$607 million and \$265 million in 2013 and 2012, or 8.9 percent and 4.0 percent, respectively. Revenues increased in 2013 due to higher patient volumes, a continuing increase in the complexity of cases, slight improvements in payor mix and higher reimbursement rates. Revenues increased in 2012 due to increased patient volumes and higher reimbursement rates since the Medical Centers negotiate as a group with the major payors in the marketplace. Income from operations for the Medical Centers increased to \$633 million in 2013 as compared to \$524 million in 2012. In response to health care reform and increasing pension contributions, the Medical Centers continue to invest in expanding services and achieving efficiencies to maintain operating margins.

Revenue from education activities, primarily physicians’ professional fees, net of allowances, grew by \$161 million and \$156 million, or 7.9 percent and 8.3 percent in 2013 and 2012, respectively. The growth is generally associated with an expanded patient base and higher rates from third-party payors.

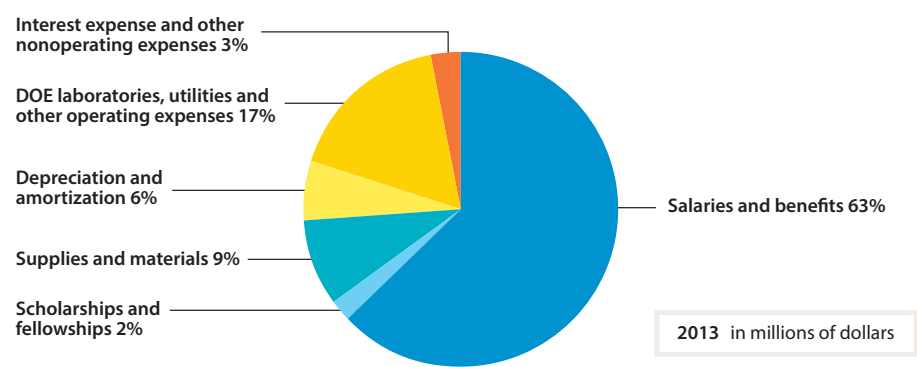
Expenses Associated with Core Activities

Expenses associated with the University’s core activities, including those classified as nonoperating expenses, were \$27.3 billion, \$26.1 billion and \$24.8 billion in 2013, 2012 and 2011, respectively. Expenses increased in 2013 by \$1.2 billion, primarily due to higher salaries and benefits. Expenses increased in 2012 by \$1.3 billion, due to higher salaries and benefits and increased supplies and materials costs.

Expenses in the various categories over the last three years are as follows:



Categories of both operating and nonoperating expenses related to the University’s core activities in 2013 are as follows:



Salaries and benefits

Over 63 percent of the University's expenses were related to salaries and benefits. There were 140,000 full-time equivalent (FTE) employees in the University in 2013, excluding employees who were associated with LBNL whose salaries and benefits were included as laboratory expenses. Salaries and benefits increased 4.1 percent and 5.4 percent in 2013 and 2012, respectively. In 2013, salaries increased 4.6 percent, 1.8 percent due to an increase in the number of FTEs and 2.8 percent due to an increase in the average salary per FTE. In 2012, salaries increased 7.0 percent, 1.0 percent due to an increase in the number of FTEs and 6.0 percent due to an increase in the average salary per FTE. Employee benefits, excluding pension and post retirement healthcare benefits, increased by 4.5 percent and 8.8 percent in 2013 and 2012, respectively, due to higher health insurance costs.

Scholarships and fellowships

The University places a high priority on student financial aid as part of its commitment to affordability. Scholarships and fellowships, representing payments of financial aid made directly to students and reported as an operating expense, were flat in 2013 and 2012 as compared to the prior year.

Scholarship allowances, representing financial aid and fee waivers awarded by the University, were \$1.8 billion in 2013 and 2012 and \$1.6 billion in 2011, respectively. On a combined basis, as the University continues its commitment to provide financial support for needy students, financial aid in all forms increased by \$205 million over the past two years, or 12.6 percent.

Supplies and materials

During 2013, overall supplies and materials costs increased by \$83 million, or 3.5 percent. In 2012, supplies and materials costs increased by \$274 million, or 13.0 percent. In recent years, there has been inflationary pressure on the costs for medical supplies and laboratory instruments and higher costs for general supplies necessary to support expanded research activity and increased medical patient volumes. The University continues to find opportunities to manage the costs of supplies and materials.

Other expenses

Other expenses consist of a variety of expense categories, including travel, rent, insurance, legal settlements and repairs and maintenance, plus any gain or loss on disposals of capital assets and other nonoperating expenses.

Operating Losses

In accordance with the GASB's reporting standards, operating losses were \$5.5 billion in 2013, \$5.2 billion in 2012 and \$5.1 billion in 2011. The operating loss in 2013 was partially offset by \$3.3 billion of net revenue that is required by the GASB to be classified as nonoperating, but clearly supports core operating activities of the University. Expenses associated with core activities in 2013 exceeded revenue available to support core activities by \$2.2 billion.

The operating loss in 2012 was partially offset by \$3.1 billion of net revenue that is required by the GASB to be classified as nonoperating, but clearly supports core operating activities of the University. Expenses associated with core activities in 2012 exceeded revenue available to support core activities by \$2.1 billion.

Other Nonoperating Activities

The University's other nonoperating activities, consisting of net appreciation or depreciation in the fair value of investments, are noncash transactions and, therefore, are not available to support operating expenses.

Net appreciation (depreciation) in fair value of investments

In 2013, the University recognized net appreciation in the fair value of investments of \$727 million compared to net depreciation of \$155 million during 2012 and net appreciation of \$1.1 billion during 2011. Equity and bond markets have been volatile over the last two years. The University's portfolio showed positive performance due to increases in the equity markets that exceeded the bond markets in 2013. Returns in 2012 were flat.

Other Changes in Net Position

Similar to other nonoperating activities discussed above, other changes in net position are also not available to support the University's operating expenses in the current year. State capital appropriations and capital gifts and grants may only be used for the purchase or construction of the specified capital assets. Only income earned from gifts of permanent endowments is available in future years to support the specified program. The University's enrollment growth requires new facilities, in addition to continuing needs for renewal, modernization and seismic correction of existing facilities. Capital appropriations from the state of California decreased by \$20 million in 2013, and decreased by \$50 million in 2012. Capital appropriations are from bond measures approved by the California voters.

The University's Cash Flows

The statement of cash flows presents the significant sources and uses of cash. A summary comparison of cash flows for 2013, 2012 and 2011 is as follows:

(in millions of dollars)

| | 2013 | 2012 | 2011 |
|---|----------------|----------------|----------------|
| Cash received from operations | \$ 19,813 | \$ 18,878 | \$ 17,966 |
| Cash payments for operations | (20,821) | (21,736) | (19,955) |
| Net cash used by operating activities | (1,008) | (2,858) | (1,989) |
| Net cash provided by noncapital financing activities | 2,922 | 4,878 | 3,922 |
| Net cash provided by operating and noncapital financing activities | 1,914 | 2,020 | 1,933 |
| Net cash used by capital and related financing activities | (2,262) | (2,291) | (1,111) |
| Net cash provided (used) by investing activities | 409 | 223 | (789) |
| Net increase (decrease) in cash | 61 | (48) | 33 |
| Cash, beginning of year | 133 | 181 | 148 |
| Cash, end of year | \$ 194 | \$ 133 | \$ 181 |

Cash in demand deposit accounts is minimized by sweeping available cash balances into investment accounts on a daily basis. Due to the state's financial crisis, some payments to the University were deferred in 2013, 2012 and 2011. For 2013, 2012 and 2011, \$500 million due in the first quarter of each year was deferred until the end of the year.

Cash provided by operating and noncapital financing activities ranged between \$1.9 billion and \$2.0 billion over the last three years. In accordance with GASB requirements, certain cash flows relied upon for fundamental operational support of the core instruction mission of the University are reported as noncapital financing activities, including state educational appropriations, private gifts and grants, investment income and proceeds from debt and commercial paper issued to finance pension contributions. In 2013, as state appropriations declined and contribution rates for UCRP were increased to meet funding requirements, financing was used by the University to fund pension contributions to UCRP and operations on an interim basis.

Net cash of \$2.3 billion, \$2.3 billion and \$1.1 billion was used in 2013, 2012 and 2011, respectively, for capital and related financing activities, primarily for purchases of capital assets and principal and interest payments, partially offset by sources that include new external financing, state and federal capital appropriations and gifts for capital purposes.

The year-to-year changes in cash provided (used) by investing activities is largely the result of the routine timing of investment purchases, sales and, to a lesser extent, investment income.

THE UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS

Separate foundations at each individual campus provide valuable assistance in fundraising, public outreach and other support for the missions of the campus and the University. Although independent boards govern each of the foundations, they are affiliated with, and their assets are dedicated for, the benefit of the University of California.

The Campus Foundations' Financial Position

The campus foundations' statement of net position presents their combined financial position at the end of the year. It displays all of the campus foundations' assets, liabilities and net position. The difference between assets and liabilities are net position, representing a measure of the current financial condition of the campus foundations.

The major components of the combined assets, liabilities and net position of the campus foundations at 2013, 2012 and 2011 are as follows:

| <i>(in millions of dollars)</i> | | | |
|--|----------------|----------------|----------------|
| | 2013 | 2012 | 2011 |
| ASSETS | | | |
| Investments | \$5,800 | \$5,161 | \$5,152 |
| Investment of cash collateral | 66 | 65 | 125 |
| Pledges receivable, net | 714 | 641 | 554 |
| Other assets | 213 | 153 | 149 |
| Total assets | 6,793 | 6,020 | 5,980 |
| LIABILITIES | | | |
| Securities lending collateral | 66 | 65 | 125 |
| Obligations under life income agreements | 168 | 167 | 169 |
| Other liabilities | 313 | 253 | 276 |
| Total liabilities | 547 | 485 | 570 |
| NET POSITION | | | |
| Restricted: | | | |
| Nonexpendable | 2,830 | 2,586 | 2,441 |
| Expendable | 3,321 | 2,802 | 2,763 |
| Unrestricted | 95 | 147 | 206 |
| Total net position | \$6,246 | \$5,535 | \$5,410 |

Investments increased in 2013 due to the strong performance of the equity markets and remained flat in 2012. The Board of Trustees for each campus foundation is responsible for its specific investment policy, although asset allocation guidelines are recommended to campus foundations by the Investment Committee of The Regents. The Boards of Trustees may determine that all or a portion of their investments will be managed by the University's Chief Investment Officer. The Chief Investment Officer managed \$1.2 billion, \$1.1 billion and \$1.1 billion of the campus foundations' investments at the end of 2013, 2012 and 2011, respectively.

Restricted, nonexpendable net position includes the corpus of the campus foundations' permanent endowments and the estimated fair value of certain planned giving arrangements. Restricted, expendable net position is subject to externally-imposed restrictions governing their use. Net position may be spent only in accordance with the restrictions placed upon them and may include endowment income and investment gains, subject to each individual campus foundation's spending policy; support received from gifts; trustee held investments; or other third-party receipts. New gifts and net appreciation in the fair value of investments were the primary reasons for the changes in value in 2013 and 2012.

The Campus Foundations' Results of Operations

The campus foundations' combined statement of revenues, expenses and changes in net position is a presentation of their operating results for the year. It indicates whether their financial condition has improved or deteriorated during the year.

A summarized comparison of the operating results for 2013, 2012 and 2011 is as follows:

| <i>(in millions of dollars)</i> | | | |
|--|----------------|----------------|----------------|
| | 2013 | 2012 | 2011 |
| OPERATING REVENUES | | | |
| Private gifts and other revenues | \$ 715 | \$ 601 | \$ 884 |
| Total operating revenues | 715 | 601 | 884 |
| OPERATING EXPENSES | | | |
| Grants to campuses and other expenses | 694 | 618 | 513 |
| Total operating expenses | 694 | 618 | 513 |
| Operating income (loss) | 21 | (17) | 371 |
| NONOPERATING REVENUES (EXPENSES) | | | |
| Investment income | 59 | 53 | 69 |
| Net appreciation (depreciation) in fair value of investments | 476 | (95) | 551 |
| Other nonoperating revenues (expenses) | 5 | (9) | 17 |
| Income (loss) before other changes in net position | 561 | (68) | 1,008 |
| OTHER CHANGES IN NET POSITION | | | |
| Permanent endowments | 185 | 193 | 218 |
| Increase (decrease) in net position | 746 | 125 | 1,226 |
| NET POSITION | | | |
| Beginning of year, as previously reported | 5,535 | 5,410 | 4,184 |
| Cumulative effect of accounting changes | (35) | | |
| Beginning of year, as restated | 5,500 | 5,410 | 4,184 |
| End of year | \$6,246 | \$5,535 | \$5,410 |

Operating revenues generally consist of current-use gifts, including pledges and income from other fundraising activities, although they do not include additions to permanent endowments and endowment income. Operating revenues fluctuate based upon fundraising campaigns conducted by the campus foundations during the year.

Operating expenses generally consist of grants to University campuses, comprised of current-use gifts and endowment income and other expenses, including gift fees. Grants to campuses typically follow the pattern indicated by private gift revenue; however, the campuses' programmatic needs are also taken into consideration, subject to abiding by the restricted purposes of gifts to the endowment and the amounts available for grants in any particular year.

Grants to the campuses can only be made when the cash is received and, in addition, also include endowment investment income, classified as nonoperating income. Therefore, operating losses can occur when grants distributed to the campuses in any particular year exceed private gift revenue.

The Campus Foundations' Cash Flows

The campus foundations' combined statement of cash flows presents the significant sources and uses of cash and cash equivalents. A summary comparison of cash flows for 2013, 2012 and 2011 is as follows:

| <i>(in millions of dollars)</i> | | | |
|---|---------------|---------------|---------------|
| | 2013 | 2012 | 2011 |
| Net cash provided (used) by operating activities | \$(171) | \$(170) | \$ 51 |
| Net cash provided by noncapital financing activities | 138 | 174 | 187 |
| Net cash used by investing activities | 71 | (7) | (232) |
| Net increase (decrease) in cash and cash equivalents | 38 | (3) | 6 |
| Cash and cash equivalents, beginning of year | 101 | 104 | 98 |
| Cash and cash equivalents, end of year | \$ 139 | \$ 101 | \$ 104 |

Cash payments for grants are an operating activity, but these payments also include investment income which is an investing activity. In addition, while the trend is for grants to campuses to coincide with contributions revenue, the timing may not always occur in the same year.

THE UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM (UCRS)

UCRS is a valuable component of the comprehensive benefits package offered to employees of the University. UCRS consists of the University of California Retirement Plan (UCRP), a defined benefit plan for members; the University of California Retirement Savings Program (UCRSP) that includes four defined contribution plans (Defined Contribution Plan, Supplemental Defined Contribution Plan, 403(b) Plan and 457(b) Plan) to complement the defined benefit plan, with several investment portfolio options for participants' elective and non-elective contributions; and the California Public Employees Retirement System (PERS) Voluntary Early Retirement Incentive Plan (PERS-VERIP) for certain University employees that were members of PERS who elected early retirement.

UCRS' Financial Position and Result of Operations

The statement of plans' fiduciary net position presents the financial position of UCRS at the end of the fiscal year. It displays all of the retirement system's assets, liabilities and net position. The difference between assets and liabilities is the net position held in trust for pension benefits. These represent amounts available to provide pension benefits to members of UCRP and participants in the defined contribution plans and PERS-VERIP. At June 30, 2013, the UCRS' assets were \$70.8 billion, liabilities \$7.6 billion and net position held in trust for pension benefits \$63.2 billion, an increase of \$4.7 billion from 2012. Net position increased in 2012 by \$0.2 billion from 2011.

The major components of the assets, liabilities and net position available for pension benefits for 2013, 2012 and 2011 are as follows:

| <i>(in millions of dollars)</i> | | | |
|--|-----------------|-----------------|-----------------|
| | 2013 | 2012 | 2011 |
| ASSETS | | | |
| Investments | \$60,105 | \$54,409 | \$54,218 |
| Participants' interests in mutual funds | 3,739 | 4,427 | 4,488 |
| Investment of cash collateral | 6,540 | 7,545 | 7,729 |
| Other assets | 438 | 1,565 | 648 |
| Total assets | 70,822 | 67,946 | 67,083 |
| LIABILITIES | | | |
| Securities lending collateral | 6,540 | 7,543 | 7,729 |
| Other liabilities | 1,085 | 1,938 | 1,138 |
| Total liabilities | 7,625 | 9,481 | 8,867 |
| NET POSITION HELD IN TRUST FOR PENSION BENEFITS | | | |
| Members' defined benefit plan benefits | 45,405 | 41,869 | 41,940 |
| Participants' defined contribution plan benefits | 17,792 | 16,597 | 16,276 |
| Total net position held in trust for pension benefits | \$63,197 | \$58,466 | \$58,216 |

The statement of changes in the plans' fiduciary net position is a presentation of the UCRS' operating results. It indicates whether the financial condition has improved or deteriorated during the year. A summarized comparison of the operating results for 2013, 2012 and 2011 is as follows:

| <i>(in millions of dollars)</i> | | | |
|--|----------------|---------------|-----------------|
| | 2013 | 2012 | 2011 |
| ADDITIONS (REDUCTIONS) | | | |
| Contributions | \$2,176 | \$3,102 | \$ 2,694 |
| Net appreciation (depreciation) in fair value of investments | 5,106 | (978) | 8,542 |
| Investment and other income, net | 1,255 | 1,292 | 1,320 |
| Total additions (reductions) | 8,537 | 3,416 | 12,556 |
| DEDUCTIONS | | | |
| Benefit payments and participant withdrawals | 3,761 | 3,125 | 2,987 |
| Plan expenses | 45 | 41 | 39 |
| Total deductions | 3,806 | 3,166 | 3,026 |
| Increase in net position held in trust for pension benefits | \$4,731 | \$ 250 | \$ 9,530 |

The Regents utilize asset allocation strategies that are intended to optimize investment returns over time in accordance with investment objectives and at acceptable levels of risk. The overall investment gain based upon unit values for UCRS was 11.0% percent in 2013 compared to an investment gain of 0.8 percent in 2012 and 20.5 percent in 2011.

The participants' interests in mutual funds, representing defined contribution plan contributions to certain mutual funds on a custodial plan basis, fluctuate based upon market performance of the mutual funds and participant investment elections.

UCRS participates in the University's securities lending program as a means to augment income. All borrowers are required to provide collateral and the University records a liability to the borrower for cash collateral received and held by the University for securities on loan at the end of the year. Investments in cash collateral and the securities lending collateral liability fluctuate in response to changes in demand from borrowers and the availability of securities based upon the UCRS asset allocation mix.

Contributions to UCRP in 2013 and 2012 were \$2.2 and \$3.1 billion, respectively, due to increased employer and employee contribution rates. Additional deposit of \$935 million was made by the University to UCRP in 2012.

Benefit payments and participant withdrawals were \$526 million more in 2013 than in 2012 and \$138 million more in 2012 than in 2011. Payments from UCRP increase each year due to a growing number of retirees receiving payments and cost-of-living adjustments. Benefit payments from UCRSP fluctuate based upon member withdrawals. At the beginning of 2013, there were 58,900 retirees and beneficiaries receiving payments from UCRS as compared to 56,300 at the beginning of 2012 and 54,000 at the beginning of 2011.

As of July 1, 2012, the date of the most recent actuarial report, UCRP's overall funded ratio was 78.7 percent compared to 82.5 percent as of July 1, 2011. The decrease in the funded status ratio for 2012 is primarily attributable to recognition of investment losses from previous years and lower than expected investment returns in 2012. The change in the funded status ratio for 2011 is attributable to updating the mortality tables to reflect longer expected lives of retirees and recognition of investment losses from previous years.

Additional information on the retirement plans can be obtained from the 2013 annual reports of the University of California Retirement System by writing to the University of California, Office of the President, Human Resources and Benefits, Post Office Box 24570, Oakland, California 94623.

THE UNIVERSITY OF CALIFORNIA RETIREE HEALTH BENEFIT TRUST (UCRHBT)

The UCRHBT was established on July 1, 2007 to allow certain University locations — primarily campuses and medical centers — that share the risks, rewards and costs of providing for retiree health benefits to fund such benefits on a cost-sharing basis and accumulate funds on a tax-exempt basis under an arrangement segregated from University assets. The University contributes toward retiree medical and dental benefits, although it does not contribute toward the cost of other benefits available to retirees. The DOE laboratories do not participate in the UCRHBT, therefore the DOE has no interest in the trust's assets.

UCRHBT's Financial Position and Result of Operations

The statement of trust's fiduciary net position presents the financial position of the UCRHBT at the end of the fiscal year. It displays all of the UCRHBT's assets, liabilities and net position. The difference between assets and liabilities is the net position held in trust for retiree health benefits. This represents amounts available to provide retiree health benefits to participants.

The major components of the assets, liabilities and net position available for retiree health benefits for 2013, 2012 and 2011 are as follows:

(in millions of dollars)

| | 2013 | 2012 | 2011 |
|---|-------------|-------------|-------------|
| ASSETS | | | |
| Investments | \$ 8 | \$65 | \$28 |
| Other assets | 40 | 30 | 46 |
| Total assets | 48 | 95 | 74 |
| LIABILITIES | | | |
| Total liabilities | 4 | 5 | 3 |
| NET POSITION HELD IN TRUST FOR RETIREE HEALTH BENEFITS | | | |
| Total net position held in trust for retiree health benefits | \$44 | \$90 | \$71 |

The statement of changes in trust's fiduciary net position is a presentation of the UCRHBT's operating results. It indicates whether the financial condition has improved or deteriorated during the year. Summarized operating results for 2013, 2012 and 2011 are as follows:

| <i>(in millions of dollars)</i> | | | |
|--|----------------|--------------|-------------|
| | 2013 | 2012 | 2011 |
| ADDITIONS | | | |
| Contributions | \$268 | \$330 | \$288 |
| Total additions | 268 | 330 | 288 |
| DEDUCTIONS | | | |
| Insurance premiums and payments | 310 | 309 | 284 |
| Plan expenses | 3 | 3 | 2 |
| Total deductions | 313 | 312 | 286 |
| Increase (decrease) in net position held in trust for retiree health benefits | \$ (45) | \$ 18 | \$ 2 |

Contributions for retiree health benefits are made by the campuses and medical centers based upon projected pay-as-you-go financing. The University acts as a third-party administrative agent on behalf of the UCRHBT to pay health care insurers and administrators amounts currently due.

The retiree health benefits provided under the University's plan and any liabilities related to the future funding requirements for the retiree health benefits are reported by the University. The unfunded actuarial accrued liability for eligible participants as of July 1, 2012, the date of the latest actuarial valuation, was \$14.5 billion.

LOOKING FORWARD

The University of California is a world center of learning, known for generating a steady stream of talent, knowledge and social benefits, and has always been at the center of California's capacity to innovate. The excellence of its programs attracts the best students, leverages hundreds of millions of dollars in state, federal and private funding and promotes discovery of new knowledge that fuels economic growth.

The University's variety of funding sources has become increasingly important over the past several years given the effects of the state financial crisis. In June 2013, the Legislature approved the governor's 2014 budget recommendation for a multi-year funding plan that will provide an annual base budget increase beginning with 5 percent in 2014, another 5 percent in 2015, 4 percent in 2016 and another 4 percent in 2017. This multi-year funding plan is intended to provide the University with fiscal stability after five years of severe reductions in state educational appropriations. In exchange for this long-term stability, the University commits to focus its resources to address long-term accountability goals for accessibility, student fees, financial aid and performance outcome measures.

The University remains highly competitive in attracting federal grants and contracts revenue, with fluctuations in the awards received closely paralleling trends in the budgets of federal research granting agencies. Over two-thirds of the University's federal research revenue comes from two agencies, the Department of Health and Human Services, primarily through the National Institutes of Health, and the National Science Foundation. Other agencies that figure prominently in the University's awards are the Department of Education, Department of Defense, the National Aeronautics and Space Administration and the Department of Energy. While the federal government works through its own financial constraints, there is a bipartisan effort underway to focus on innovation and competitiveness for the nation. The University is a unique national resource for helping the nation address competitiveness and economic initiatives.

Currently, the University does not pre-fund retiree health benefits and provides for benefits on a pay-as-you-go basis. The unfunded liability for the campuses and medical centers as of the July 1, 2012 actuarial valuation was \$14.5 billion.

The Regents approved a new eligibility formula for the Retiree Health Plan for all employees hired on or after July 1, 2013, and non-grandfathered members, that is based on a graduated formula using both a member's age and years of Retirement Plan service credit upon retirement, subject to collective bargaining for represented members.

UCRP costs are funded by a combination of investment earnings, employee member and employer contributions. The unfunded liability for the campuses and medical centers as of July 1, 2012 actuarial valuation was \$10.0 billion or 78.1 percent funded. As of July 1, 2013, the funded ratio is expected to decrease to approximately 76 percent. The total funding policy contributions in the July 1, 2012 actuarial valuations represent 28.7 percent of covered compensation. Member and employer contributions increased to 6.5 percent and 12.0 percent, respectively, of covered compensation in July 2013. Member contributions for the employees in the new benefit tier are 7.0 percent, and the employer rate is uniform across all members. The Regents approved increasing employee member and employer contributions to 8.0 percent and 14.0 percent, respectively, in July 2014. These contribution rates are below UCRP's total funding requirements. The Regents also approved a new tier of pension benefits applicable to employees hired on or after July 1, 2013, which increased the early retirement age from 50 to 55, but retain many of the current features of UCRP. The new tier would not offer lump sum cash outs, inactive member Cost of Living Adjustments (COLAs) or subsidized survivor annuities for spouses and domestic partners. These changes are subject to collective bargaining for union-represented employees.

In June 2012, the GASB issued Statement No. 67, *Financial Reporting for Pension Plans*, effective for the University's fiscal year beginning July 1, 2013. This Statement revises existing standards for financial reporting for pension plans by changing the approach to measuring the net pension liability. The net pension liability is measured as the total pension liability, less the amount of the pension plan's fiduciary net position. The total pension liability is determined based upon discounting projected benefit payments based on the benefit terms and legal agreements existing at the pension plan's fiscal year end. Projected benefit payments are required to be discounted using a single rate that reflects the expected rate of return on investments, to the extent that plan assets are available to pay benefits, and a tax-exempt, high-quality municipal bond rate when plan assets are not available. Statement No. 67 will affect the information presented in the footnotes to the financial statements and required supplementary information for UCRP.

In June 2012, the GASB issued Statement No. 68, *Accounting and Financial Reporting for Pensions*, effective for the University's fiscal year beginning July 1, 2014. This Statement revises existing standards for measuring and reporting pension liabilities for pension plans provided by the University to its employees. This Statement requires recognition of a liability equal to the net pension liability, which is measured as the total pension liability, less the amount of the pension plan's fiduciary net position. The total pension liability is determined based upon discounting projected benefit payments based on the benefit terms and legal agreements existing at the pension plan's fiscal year end. Projected benefit payments are required to be discounted using a single rate that reflects the expected rate of return on investments, to the extent that plan assets are available to pay benefits, and a tax-exempt, high-quality municipal bond rate when plan assets are not available. This Statement requires that most changes in the net pension liability be included in pension expense in the period of the change. As of June 30, 2013, the University reported an obligation to UCRP of \$3.4 billion, representing unfunded contributions to UCRP based upon the University's funding policy. Under GASB No. 68, the University's obligation to UCRP is expected to increase, however the amount of the increase has not been determined at this time.

The University's medical centers have demonstrated very positive financial results, although they continue to face financial and competitive challenges in their regional markets, along with the added costs and responsibilities related to their function as academic institutions. The demand for health care services and the cost of providing them continue to increase significantly. In addition to the rising costs of salaries, benefits and medical supplies faced by hospitals across the state, along with the costs of maintaining and upgrading facilities, the University's medical centers also face additional costs associated with new technologies, biomedical research, the education and training of health care professionals and the care for a disproportionate share of the medically underserved in California. Other than Medicare and Medi-Cal (California's Medicaid program), health insurance payments do not recognize the added cost of teaching in their payment to academic medical centers. Over the last few years, Medicare margins have declined as a result of payment reductions. Changes to the Medi-Cal program will likely limit or reduce the rates of payment growth to the medical centers in future years.

The continuing financial success of the medical centers is predicated on a multifaceted strategy, which includes competing in commercial markets and offering high quality regional services. Positive results in commercial contracts have helped address the lack of support for medical education and care for the poor. Further, the medical centers remain competitive in their respective markets by reducing costs through improved efficiencies, making strategic investments and by expanding their presence in the market through stronger links with other providers and payers. Payment strategies must recognize the need to maintain an operating margin sufficient to cover debt, provide working capital, purchase state-of-the-art equipment and invest in infrastructure and program expansion.

On March 23, 2010, the Patient Protection and Affordable Care Act (PPACA) was signed into law. On March 30, 2010 the Health Care and Education Reconciliation Act of 2011 was signed, amending the PPACA (collectively the “Affordable Care Act”). On June 29, 2012, the Supreme Court upheld the constitutionality of much of the Affordable Care Act. The Affordable Care Act addresses a broad range of topics affecting the health care industry, including a significant expansion of health care coverage. The coverage expansion is accomplished primarily through incentives for individuals to obtain and employers to provide health care coverage and an expansion in Medicaid eligibility. The Affordable Care Act also includes incentives for medical research and the use of electronic health records, changes designed to curb fraud, waste and abuse, and creates new agencies and demonstration projects to promote innovation and efficiency in the health care delivery system. Some provisions of the health care reform legislation were effective immediately; others are being phased in through 2014. The medical centers will likely be affected by the coverage expansion provisions that go into effect in 2014, creating pressure on the medical centers to care for more patients without additional financial resources; however the effect of this legislation is not determinable at this time.

The University must have a balanced array of many categories of facilities to meet its education, research and public service goals and continues to assess its long-term capital requirements. The support for the University’s capital program will be provided from a combination of sources, including the state of California, external financing, gifts and other sources.

Additional budget information can be found at <http://universityofcalifornia.edu/news/budget/welcome.html>. Additional information concerning state budget matters and the state’s financial condition may be found on the website of the state of California Department of Finance at <http://www.dof.ca.gov>.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Certain information provided by the University, including written as outlined above or oral statements made by its representatives, may contain forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical facts, which address activities, events or developments that the University expects or anticipates will or may occur in the future contain forward-looking information.

In reviewing such information, it should be kept in mind that actual results may differ materially from those projected or suggested in such forward-looking information. This forward-looking information is based upon various factors and was derived using various assumptions. The University does not undertake to update forward-looking information contained in this report or elsewhere to reflect actual results, changes in assumptions or changes in other factors affecting such forward-looking information.

UNIVERSITY OF CALIFORNIA
STATEMENTS OF NET POSITION

At June 30, 2013 and 2012 (in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | |
|--|--------------------------|---------------------|--|--------------------|
| | 2013 | 2012 | 2013 | 2012 |
| ASSETS | | | | |
| Cash and cash equivalents | \$ 194,221 | \$ 133,264 | \$ 139,787 | \$ 101,296 |
| Short-term investments | 3,270,802 | 3,557,341 | 630,808 | 334,818 |
| Investment of cash collateral | 1,016,225 | 1,388,262 | 47,953 | 55,863 |
| Investments held by trustees | 328,418 | 305,721 | | |
| Accounts receivable, net | 3,743,586 | 3,416,380 | 45,947 | 23,062 |
| Pledges receivable, net | 35,015 | 48,829 | 144,477 | 141,644 |
| Current portion of notes and mortgages receivable, net | 35,875 | 34,827 | 475 | 10 |
| Inventories | 185,991 | 180,592 | | |
| Department of Energy receivable | 102,575 | 367,112 | | |
| Other current assets | 231,685 | 232,944 | 3,755 | 2,752 |
| Current assets | 9,144,393 | 9,665,272 | 1,013,202 | 659,445 |
| Investments | 15,671,206 | 14,735,057 | 5,168,980 | 4,826,399 |
| Investment of cash collateral | 386,451 | 242,914 | 18,236 | 9,260 |
| Investments held by trustees | 1,186,544 | 1,275,336 | | |
| Pledges receivable, net | 34,610 | 59,981 | 569,233 | 499,490 |
| Notes and mortgages receivable, net | 318,044 | 316,509 | 1,039 | 1,394 |
| Department of Energy receivable | 216,693 | 184,996 | | |
| Capital assets, net | 26,179,885 | 25,216,265 | | |
| Other noncurrent assets | 218,453 | 239,624 | 22,227 | 24,608 |
| Noncurrent assets | 44,211,886 | 42,270,682 | 5,779,715 | 5,361,151 |
| Total assets | 53,356,279 | 51,935,954 | 6,792,917 | 6,020,596 |
| DEFERRED OUTFLOWS OF RESOURCES | | | | |
| Deferred outflows from interest rate swap agreements | 45,758 | 69,495 | | |
| Total deferred outflows of resources | 45,758 | 69,495 | | |
| LIABILITIES | | | | |
| Accounts payable | 2,121,183 | 1,981,981 | 23,472 | 6,683 |
| Accrued salaries | 925,800 | 468,274 | | |
| Employee benefits | 395,307 | 598,670 | | |
| Unearned revenue | 956,337 | 874,163 | 38,243 | 25,188 |
| Collateral held for securities lending | 1,402,583 | 1,630,554 | 66,189 | 65,123 |
| Commercial paper | 1,320,000 | 1,322,810 | | |
| Current portion of long-term debt | 942,137 | 923,635 | | |
| Funds held for others | 288,737 | 262,984 | 220,353 | 196,734 |
| Department of Energy laboratories' liabilities | 86,490 | 46,505 | | |
| Other current liabilities | 1,213,732 | 1,063,698 | 23,152 | 26,594 |
| Current liabilities | 9,652,306 | 9,173,274 | 371,409 | 320,322 |
| Federal refundable loans | 232,505 | 234,786 | | |
| Self-insurance | 432,321 | 421,602 | | |
| Obligations under life income agreements | 28,805 | 24,706 | 145,277 | 146,175 |
| Long-term debt | 14,837,061 | 15,088,502 | | |
| Obligation to UCRP | 3,357,336 | 1,919,320 | | |
| Obligations for retiree health benefits | 7,577,366 | 6,447,678 | | |
| Department of Energy laboratories' liabilities | 39,101 | 283,104 | | |
| Other noncurrent liabilities | 563,989 | 511,346 | 30,409 | 18,658 |
| Noncurrent liabilities | 27,068,484 | 24,931,044 | 175,686 | 164,833 |
| Total liabilities | 36,720,790 | 34,104,318 | 547,095 | 485,155 |
| DEFERRED INFLOWS OF RESOURCES | | | | |
| Deferred inflows from service concession arrangements | 31,575 | 32,547 | | |
| Total deferred inflows of resources | 31,575 | 32,547 | | |
| NET POSITION | | | | |
| Invested in capital assets, net of related debt | 11,954,384 | 11,359,688 | | |
| Reserved for minority interests | 46,654 | 46,875 | | |
| Restricted: Nonexpendable endowments and gifts | 1,086,724 | 1,057,187 | 2,829,997 | 2,586,490 |
| Restricted: Expendable endowments and gifts | 5,272,300 | 5,066,296 | 3,321,024 | 2,801,855 |
| Restricted: Expendable other, including debt service, loans and capital projects | 457,079 | 438,077 | | |
| Unrestricted | (2,167,469) | (99,539) | 94,801 | 147,096 |
| Total net position | \$16,649,672 | \$17,868,584 | \$6,245,822 | \$5,535,441 |

See accompanying Notes to Financial Statements

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

Years ended June 30, 2013 and 2012 (in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | |
|--|--------------------------|---------------------|--|--------------------|
| | 2013 | 2012 | 2013 | 2012 |
| OPERATING REVENUES | | | | |
| Student tuition and fees, net | \$ 3,402,946 | \$ 3,237,126 | | |
| Grants and contracts, net | | | | |
| Federal | 3,245,389 | 3,347,640 | | |
| State | 454,180 | 546,831 | | |
| Private | 1,149,361 | 1,118,132 | | |
| Local | 229,820 | 227,686 | | |
| Medical centers, net | 7,429,845 | 6,817,495 | | |
| Educational activities, net | 2,189,294 | 2,028,495 | | |
| Auxiliary enterprises, net | 1,271,105 | 1,221,157 | | |
| Department of Energy laboratories | 1,032,350 | 1,014,199 | | |
| Campus foundation private gifts | | | \$ 711,363 | \$ 596,242 |
| Other operating revenues, net | 696,394 | 649,577 | 3,665 | 4,513 |
| Total operating revenues | 21,100,684 | 20,208,338 | 715,028 | 600,755 |
| OPERATING EXPENSES | | | | |
| Salaries and wages | 11,498,626 | 10,994,319 | | |
| UCRP benefits | 2,053,077 | 1,885,003 | | |
| Retiree health benefits | 1,409,198 | 1,498,962 | | |
| Other employee benefits | 2,338,764 | 2,238,582 | | |
| Supplies and materials | 2,465,149 | 2,381,963 | | |
| Depreciation and amortization | 1,555,254 | 1,478,254 | | |
| Department of Energy laboratories | 1,026,088 | 1,007,804 | | |
| Scholarships and fellowships | 591,610 | 598,943 | | |
| Utilities | 281,276 | 279,795 | | |
| Campus foundation grants | | | 632,132 | 559,301 |
| Other operating expenses | 3,393,731 | 3,051,504 | 61,526 | 58,562 |
| Total operating expenses | 26,612,773 | 25,415,129 | 693,658 | 617,863 |
| Operating (loss) income | (5,512,089) | (5,206,791) | 21,370 | (17,108) |
| NONOPERATING REVENUES (EXPENSES) | | | | |
| State educational appropriations | 2,154,466 | 1,963,578 | | |
| State financing appropriations | 210,715 | 200,123 | | |
| State hospital fee grants | 3,293 | 8,619 | | |
| Build America Bonds federal interest subsidies | 59,452 | 65,095 | | |
| Federal Pell grants | 345,910 | 359,408 | | |
| Private gifts, net | 801,940 | 804,691 | | |
| Investment income: | | | | |
| Short Term Investment Pool and other, net | 274,242 | 308,972 | | |
| Endowment, net | 82,964 | 103,158 | | |
| Securities lending, net | 8,768 | 10,368 | 478 | 681 |
| Campus foundations | | | 58,777 | 52,501 |
| Net appreciation (depreciation) in fair value of investments | 727,016 | (154,828) | 476,280 | (95,308) |
| Interest expense | (669,538) | (631,619) | | |
| Loss on disposal of capital assets | (15,235) | (93,189) | | |
| Other nonoperating revenues, net | 33,762 | 17,003 | 4,210 | (8,873) |
| Net nonoperating revenues | 4,017,755 | 2,961,379 | 539,745 | (50,999) |
| (Loss) income before other changes in net position | (1,494,334) | (2,245,412) | 561,115 | (68,107) |
| OTHER CHANGES IN NET POSITION | | | | |
| Capital gifts and grants, net | 256,670 | 198,023 | | |
| State capital appropriations | 119,696 | 139,629 | | |
| Permanent endowments | 22,886 | 11,572 | 185,148 | 193,613 |
| (Decrease) increase in net position | (1,095,082) | (1,896,188) | 746,263 | 125,506 |
| NET POSITION | | | | |
| Beginning of year, as previously reported | 17,868,584 | 19,764,772 | 5,535,441 | 5,409,935 |
| Cumulative effect of accounting change | (123,830) | | (35,882) | |
| Beginning of year, as restated | 17,744,754 | 19,764,772 | 5,499,559 | 5,409,935 |
| End of year | \$16,649,672 | \$17,868,584 | \$6,245,822 | \$5,535,441 |

See accompanying Notes to Financial Statements

UNIVERSITY OF CALIFORNIA
STATEMENTS OF CASH FLOWS

Years ended June 30, 2013 and 2012 (in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | |
|--|--------------------------|--------------------|--|------------------|
| | 2013 | 2012 | 2013 | 2012 |
| CASH FLOWS FROM OPERATING ACTIVITIES | | | | |
| Student tuition and fees | \$ 3,375,662 | \$ 3,245,460 | | |
| Grants and contracts | 5,158,652 | 5,134,107 | | |
| Medical centers | 7,225,482 | 6,683,988 | | |
| Educational activities | 2,149,849 | 1,974,070 | | |
| Auxiliary enterprises | 1,262,183 | 1,224,355 | | |
| Collection of loans from students and employees | 69,013 | 54,566 | | |
| Campus foundation private gifts | | | \$528,843 | \$ 437,414 |
| Payments to employees | (10,978,912) | (11,365,432) | | |
| Payments to suppliers and utilities | (5,754,959) | (5,558,906) | | |
| Payments for UCRP benefits | (812,791) | (1,537,354) | | |
| Payments for retiree health benefits | (232,166) | (319,634) | | |
| Payments for other employee benefits | (2,378,885) | (2,296,067) | | |
| Payments for scholarships and fellowships | (591,626) | (599,433) | | |
| Loans issued to students and employees | (71,364) | (58,928) | | |
| Payments to campuses and beneficiaries | | | (632,789) | (561,344) |
| Other receipts (payments) | 572,077 | 561,090 | (66,967) | (46,453) |
| Net cash used by operating activities | (1,007,785) | (2,858,118) | (170,913) | (170,383) |
| CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES | | | | |
| State educational appropriations | 2,163,271 | 1,971,482 | | |
| Federal Pell grants | 346,270 | 363,851 | | |
| State hospital fee grants | 3,293 | 8,619 | | |
| <i>Gifts received for other than capital purposes:</i> | | | | |
| Private gifts for endowment purposes | 24,681 | 12,677 | 141,960 | 171,082 |
| Other private gifts | 802,049 | 776,512 | | |
| Receipt of retiree health contributions from UCRP | 42,132 | 33,794 | | |
| Payment of retiree health contributions to UCRHBT | (38,664) | (36,288) | | |
| Receipts from UCRHBT | 313,398 | 309,583 | | |
| Payments for retiree health benefits made on behalf of UCRHBT | (315,528) | (310,239) | | |
| Student direct lending receipts | 919,983 | 993,679 | | |
| Student direct lending payments | (919,962) | (993,677) | | |
| Proceeds from debt issuance | 286,515 | 1,200,000 | | |
| <i>Commercial paper financing:</i> | | | | |
| Proceeds from issuance | 48,017 | 740,530 | | |
| Payments of principal | (769,272) | (236,795) | | |
| Interest paid on debt | (8,495) | (8,241) | | |
| Other receipts | 24,728 | 52,999 | (3,669) | 3,362 |
| Net cash provided by noncapital financing activities | 2,922,416 | 4,878,486 | 138,291 | 174,444 |
| CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES | | | | |
| <i>Commercial paper financing:</i> | | | | |
| Proceeds from issuance | 779,905 | 130,265 | | |
| Payments of principal | (324,945) | (111,000) | | |
| Interest paid | (1,855) | (1,419) | | |
| State capital appropriations | 123,120 | 180,389 | | |
| State financing appropriations | 11,717 | 11,355 | | |
| Build America Bonds federal interest subsidies | 61,348 | 63,843 | | |
| Capital gifts and grants | 241,136 | 174,898 | | |
| Proceeds from debt issuance | 2,777,214 | 1,765,934 | | |
| Proceeds from the sale of capital assets | 11,165 | 1,306 | | |
| Purchase of capital assets | (2,435,065) | (2,929,630) | | |
| Refinancing or prepayment of outstanding debt | (2,287,140) | (276,893) | | |
| Scheduled principal paid on debt and capital leases | (574,062) | (434,601) | | |
| Interest paid on debt and capital leases | (651,955) | (857,923) | | |
| Collateral received (paid) under interest rate swap | 7,230 | (7,230) | | |
| Net cash used by capital and related financing activities | (2,262,187) | (2,290,706) | | |

See accompanying Notes to Financial Statements

STATEMENTS OF CASH FLOWS *continued**Years ended June 30, 2013 and 2012 (in thousands of dollars)*

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | |
|--|--------------------------|-----------------------|--|---------------------|
| | 2013 | 2012 | 2013 | 2012 |
| CASH FLOWS FROM INVESTING ACTIVITIES | | | | |
| Proceeds from sales and maturities of investments | 57,832,855 | 61,716,393 | 1,553,117 | 1,098,009 |
| Purchase of investments | (57,804,036) | (61,914,030) | (1,541,504) | (1,157,991) |
| Investment income, net of investment expenses | 379,694 | 420,109 | 59,500 | 52,997 |
| Net cash provided (used) by investing activities | 408,513 | 222,472 | 71,113 | (6,985) |
| Net increase (decrease) in cash and cash equivalents | 60,957 | (47,866) | 38,491 | (2,924) |
| Cash and cash equivalents, beginning of year | 133,264 | 181,130 | 101,296 | 104,220 |
| Cash and cash equivalents, end of year | \$ 194,221 | \$ 133,264 | \$ 139,787 | \$ 101,296 |
| RECONCILIATION OF OPERATING LOSS TO NET CASH USED BY OPERATING ACTIVITIES | | | | |
| Operating income (loss) | \$ (5,512,089) | \$ (5,206,791) | \$ 21,370 | \$ (17,108) |
| <i>Adjustments to reconcile operating loss to net cash used by operating activities:</i> | | | | |
| Depreciation and amortization expense | 1,555,254 | 1,478,254 | | |
| Noncash gifts | | | (100,800) | (49,251) |
| Allowance for doubtful accounts | 339,263 | 322,978 | 1,150 | (9,554) |
| Loss on impairment of capital assets | 31,441 | | | |
| <i>Change in assets and liabilities:</i> | | | | |
| Investments | | | (948) | (825) |
| Accounts receivable | (381,102) | (637,346) | (364) | (180) |
| Pledges receivable | | | (57,309) | (77,766) |
| Investments held by trustees | 35,897 | (33,971) | | |
| Inventories | (5,400) | (10,234) | | |
| Other assets | 155 | (55,500) | (16,006) | (7,664) |
| Accounts payable | 5,017 | 80,635 | 771 | 1,712 |
| Accrued salaries | 457,527 | (374,782) | | |
| Employee benefits | (202,356) | 47,827 | | |
| Unearned revenue | 80,587 | (14,995) | (3,315) | 1,367 |
| Self-insurance | 32,623 | 10,100 | | |
| Obligations to life beneficiaries | | | (6,883) | (8,319) |
| Obligation to UCRP | 1,438,016 | 193,876 | | |
| Obligations for retiree health benefits | 1,129,687 | 1,190,256 | | |
| Other liabilities | (12,305) | 151,525 | (8,579) | (2,795) |
| Net cash used by operating activities | \$ (1,007,785) | \$ (2,858,118) | \$ (170,913) | \$ (170,383) |
| SUPPLEMENTAL NONCASH ACTIVITIES INFORMATION | | | | |
| Capital assets acquired through capital leases | \$ 18,133 | \$ 80,466 | | |
| Capital assets acquired with a liability at year-end | 91,402 | 57,152 | | |
| Change in fair value of interest rate swaps classified as hedging derivatives | 23,737 | (22,404) | | |
| Gifts of capital assets | 79,660 | 58,152 | \$ (2,397) | \$ 145 |
| Other noncash gifts | 23,195 | 29,894 | 156,374 | 71,367 |
| Proceeds from lease revenue bonds issued | 54,735 | 337,250 | | |
| Debt service for, or refinancing of, lease revenue bonds | | | | |
| Principal paid | (220,155) | (104,200) | | |
| Interest paid | (136,186) | (119,648) | | |
| Interest added to principal | | | 18,892 | 905 |
| Beneficial interest in charitable remainder trust | | | (113) | 3,249 |

See accompanying Notes to Financial Statements

UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM AND RETIREE HEALTH BENEFIT TRUST

STATEMENTS OF PLANS' AND TRUST'S FIDUCIARY NET POSITION

At June 30, 2013 and 2012 (in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM (UCRS) | | UNIVERSITY OF CALIFORNIA RETIREE HEALTH BENEFIT TRUST (UCRHBT) | | TOTAL UCRS AND UCRHBT | |
|--|---|---------------------|--|-----------------|-----------------------|---------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| ASSETS | | | | | | |
| Investments | \$ 60,104,811 | \$ 54,408,678 | \$ 7,750 | \$ 65,053 | \$60,112,561 | \$ 54,473,731 |
| Participants' interests in mutual funds | 3,738,538 | 4,426,842 | | | 3,738,538 | 4,426,842 |
| Investment of cash collateral | 6,540,128 | 7,545,438 | | | 6,540,128 | 7,545,438 |
| Participant 403(b) loans | 160,068 | 146,055 | | | 160,068 | 146,055 |
| Accounts receivable: | | | | | | |
| Contributions from University and affiliates | 111,465 | 355,045 | 13,565 | 4,196 | 125,030 | 359,241 |
| Investment income | 93,861 | 95,747 | | | 93,861 | 95,747 |
| Securities sales and other | 73,089 | 968,561 | 3,594 | 2,287 | 76,683 | 970,848 |
| Prepaid insurance premiums | | | 23,059 | 23,037 | 23,059 | 23,037 |
| Total assets | 70,821,960 | 67,946,366 | 47,968 | 94,573 | 70,869,928 | 68,040,939 |
| LIABILITIES | | | | | | |
| Payable to University | | | 3,668 | 5,054 | 3,668 | 5,054 |
| Payable for securities purchased | 836,885 | 1,893,585 | | | 836,885 | 1,893,585 |
| Member withdrawals, refunds and other payables | 248,485 | 44,557 | | | 248,485 | 44,557 |
| Collateral held for securities lending | 6,539,714 | 7,542,664 | | | 6,539,714 | 7,542,664 |
| Total liabilities | 7,625,084 | 9,480,806 | 3,668 | 5,054 | 7,628,752 | 9,485,860 |
| NET POSITION HELD IN TRUST | | | | | | |
| Members' defined benefit plan benefits | 45,404,828 | 41,868,728 | | | 45,404,828 | 41,868,728 |
| Participants' defined contribution plan benefits | 17,792,048 | 16,596,832 | | | 17,792,048 | 16,596,832 |
| Retiree health benefits | | | 44,300 | 89,519 | 44,300 | 89,519 |
| Total net position held in trust | \$ 63,196,876 | \$58,465,560 | \$ 44,300 | \$89,519 | \$ 63,241,176 | \$58,555,079 |

See accompanying Notes to Financial Statements

STATEMENTS OF CHANGES IN PLANS' AND TRUST'S FIDUCIARY NET POSITION

Years ended June 30, 2013 and 2012 (in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM (UCRS) | | UNIVERSITY OF CALIFORNIA RETIREE HEALTH BENEFIT TRUST (UCRHBT) | | TOTAL UCRS AND UCRHBT | |
|--|---|---------------------|--|------------------|-----------------------|---------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| ADDITIONS (REDUCTIONS) | | | | | | |
| <i>Contributions:</i> | | | | | | |
| Members and employees | \$1,363,050 | \$ 1,243,918 | | | \$1,363,050 | \$ 1,243,918 |
| Retirees | | | \$ 42,272 | \$ 36,428 | 42,272 | 36,428 |
| University | 812,933 | 1,857,711 | 225,614 | 293,101 | 1,038,547 | 2,150,812 |
| Total contributions | 2,175,983 | 3,101,629 | 267,886 | 329,529 | 2,443,869 | 3,431,158 |
| <i>Investment income (expense), net:</i> | | | | | | |
| Net appreciation (depreciation) in fair value of investments | 5,106,081 | (977,490) | | | 5,106,081 | (977,490) |
| Interest, dividends and other investment income | 1,209,011 | 1,235,940 | | 14 | 1,209,011 | 1,235,954 |
| Securities lending income | 55,401 | 64,352 | | | 55,401 | 64,352 |
| Securities lending fees and rebates | (12,463) | (12,093) | | | (12,463) | (12,093) |
| Total investment income, net | 6,358,030 | 310,709 | | 14 | 6,358,030 | 310,723 |
| Interest income from contributions receivable | 3,032 | 3,652 | | | 3,032 | 3,652 |
| Total additions | 8,537,045 | 3,415,990 | 267,886 | 329,543 | 8,804,931 | 3,745,533 |
| DEDUCTIONS | | | | | | |
| <i>Benefit payments:</i> | | | | | | |
| Retirement payments | 1,735,603 | 1,607,010 | | | 1,735,603 | 1,607,010 |
| Member withdrawals | 96,070 | 93,992 | | | 96,070 | 93,992 |
| Cost-of-living adjustments | 338,077 | 307,190 | | | 338,077 | 307,190 |
| Lump sum cash outs | 239,309 | 187,799 | | | 239,309 | 187,799 |
| Preretirement survivor payments | 40,424 | 38,545 | | | 40,424 | 38,545 |
| Disability payments | 34,376 | 35,189 | | | 34,376 | 35,189 |
| Death payments | 8,788 | 8,717 | | | 8,788 | 8,717 |
| Participant withdrawals | 1,268,234 | 846,375 | | | 1,268,234 | 846,375 |
| Total benefit payments | 3,760,881 | 3,124,817 | | | 3,760,881 | 3,124,817 |
| <i>Insurance premiums:</i> | | | | | | |
| Insured plans | | | 266,185 | 259,393 | 266,185 | 259,393 |
| Self-insured plans | | | 28,062 | 30,500 | 28,062 | 30,500 |
| Medicare Part B reimbursements | | | 16,034 | 18,759 | 16,034 | 18,759 |
| Total insurance premiums, net | | | 310,281 | 308,652 | 310,281 | 308,652 |
| <i>Expenses:</i> | | | | | | |
| Plan administration | 40,710 | 35,993 | 2,824 | 2,645 | 43,534 | 38,638 |
| Other | 4,138 | 5,418 | | | 4,138 | 5,418 |
| Total expenses | 44,848 | 41,411 | 2,824 | 2,645 | 47,672 | 44,056 |
| Total deductions | 3,805,729 | 3,166,228 | 313,105 | 311,297 | 4,118,834 | 3,477,525 |
| Increase (decrease) in net position held in trust | 4,731,316 | 249,762 | (45,219) | 18,246 | 4,686,097 | 268,008 |
| NET POSITION HELD IN TRUST | | | | | | |
| Beginning of year | 58,465,560 | 58,215,798 | 89,519 | 71,273 | 58,555,079 | 58,287,071 |
| End of year | \$63,196,876 | \$58,465,560 | \$44,300 | \$ 89,519 | \$63,241,176 | \$58,555,079 |

See accompanying Notes to Financial Statements

Notes to Financial Statements

Years ended June 30, 2013 and 2012

ORGANIZATION

The University of California (the University) was founded in 1868 as a public, state-supported institution. The California State Constitution provides that the University shall be a public trust administered by the corporation, “The Regents of the University of California,” which is vested with full powers of organization and government, subject only to such legislative control necessary to ensure the security of its funds and compliance with certain statutory and administrative requirements. The majority of the 26-member independent governing board (The Regents) is appointed by the governor and approved by the state Senate. Various University programs and capital outlay projects are funded through appropriations from the state’s annual Budget Act. The University’s financial statements are discretely presented in the state’s general purpose financial statements as a component unit.

FINANCIAL REPORTING ENTITY AND SIGNIFICANT ACCOUNTING POLICIES

Financial Reporting Entity

The University’s financial statements include the accounts of ten campuses, five medical centers, a statewide agricultural extension program and the operations of most student government or associated student organizations as part of the primary financial reporting entity because The Regents has certain fiduciary responsibility for these organizations. In addition, the financial position and operating results of certain other legally separate organizations are included in the University’s financial reporting entity on a blended basis if The Regents is determined to be financially accountable for the organization. Organizations that are not significant or financially accountable to the University, such as booster and alumni organizations, are not included in the reporting entity. However, cash invested with the University by these organizations, along with the related liability, is included in the statement of net position. The statement of revenues, expenses and changes in net position excludes the activities associated with these organizations.

The University has ten legally separate, tax-exempt, affiliated campus foundations. The combined financial statements of the University of California campus foundations (campus foundations) are presented discretely in the University’s financial statements because of the nature and significance of their relationship with the University, including their ongoing financial support of the University. Campus foundations may invest all or a portion of their investments in University-managed investment pools. Securities in these investment pools are included in the University’s securities lending program. Accordingly, the campus foundations’ investments in University-managed investment pools and their allocated share of the securities lending activities have been excluded from the University’s financial statements and displayed in the campus foundations’ column.

Specific assets and liabilities and all revenues and expenses associated with the Lawrence Berkeley National Laboratory (LBNL), a major United States Department of Energy (DOE) national laboratory operated and managed by the University under contract directly with the DOE, are included in the financial statements.

The Regents has fiduciary responsibility for the University of California Retirement System (UCRS) that includes two defined benefit plans, the University of California Retirement Plan (UCRP) and the University of California Public Employees' Retirement System (PERS) Voluntary Early Retirement Incentive Plan (PERS-VERIP), and four defined contribution plans in the University of California Retirement Savings Program (UCRSP), consisting of the Defined Contribution Plan (DC Plan), the Supplemental Defined Contribution Plan (SDC Plan), the Tax-Deferred 403(b) Plan (403(b) Plan) and the 457(b) Deferred Compensation Plan (457(b) Plan). As a result, the UCRS statements of plans' fiduciary net position and changes in plans' fiduciary net position are shown separately in the University's financial statements.

The Regents also has fiduciary responsibility for the University of California Retiree Health Benefit Trust (UCRHBT). The UCRHBT statements of trust's fiduciary net position and changes in trust's fiduciary net position are shown separately in the University's financial statements. UCRHBT allows certain University locations and affiliates, primarily campuses and medical centers that share the risks, rewards and costs of providing for retiree health benefits, to fund such benefits on a cost-sharing basis and accumulate funds on a tax-exempt basis under an arrangement segregated from University assets. The Regents serves as Trustee of UCRHBT and has the authority to amend or terminate the Trust.

Significant Accounting Policies

The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America, using the economic resources measurement focus and the accrual basis of accounting. The University follows accounting principles issued by the Governmental Accounting Standards Board (GASB).

In November 2010, the GASB issued Statement No. 60, *Accounting and Financial Reporting for Service Concession Arrangements*, effective for the University's fiscal year beginning July 1, 2012. This Statement requires the University to report the activities for certain public-private partnerships as service concession arrangements in the financial statements. Service concession arrangements are recorded when the arrangements meet certain criteria which include building and operating a facility, obtaining the right to collect fees from third parties and transferring ownership of the facility to the University at the end of the arrangement. In accordance with Statement No. 60, retrospective application is required. The effects of reporting service concession arrangements in the University's financial statements for the year ended June 30, 2012, were as follows:

(in thousands of dollars)

| | Year Ended June 30, 2012 | | |
|--|--------------------------|--|--------------|
| | AS PREVIOUSLY REPORTED | EFFECT OF ADOPTION OF STATEMENT NO. 60 | AS RESTATED |
| Statement of Net Position | | | |
| Capital assets, net | \$25,183,718 | \$32,547 | \$25,216,265 |
| Noncurrent assets | 42,238,135 | 32,547 | 42,270,682 |
| Total assets | 51,903,407 | 32,547 | 51,935,954 |
| Deferred inflows for service concession arrangements | | 32,547 | 32,547 |
| Statement of Revenues, Expenses and Changes in Net Position | | | |
| Depreciation and amortization | 1,477,281 | 973 | 1,478,254 |
| Total operating expenses | 25,414,156 | 973 | 25,415,129 |
| Operating income (loss) | (5,205,818) | 973 | (5,206,791) |
| Other nonoperating revenues (expenses) | 16,030 | 973 | 17,003 |
| Net nonoperating revenues | 2,960,406 | 973 | 2,961,379 |

The adoption of Statement No. 60 did not result in any adjustments to the financial statements of the campus foundations or UCRS.

The University and its affiliated campus foundations periodically receive notification that it has a financial interest in various charitable trusts where the assets are invested and administered by outside trustees. Effective July 1, 2012, the University and its affiliated foundations changed its accounting policy and does not record these gifts until the time requirements have been met and the assets are received. The impact of this change in accounting principle resulted in a reduction to the beginning of the year net position of \$123.8 million for the University and \$35.9 million for the campus foundations for the fiscal year ended June 30, 2013. This change in accounting policy did not result in any adjustments to the financial statements of UCRS.

The significant accounting policies of the University are as follows:

Cash and cash equivalents. The University and campus foundations consider all balances in demand deposit accounts to be cash. The University classifies all other highly liquid cash equivalents as short-term investments. Certain campus foundations classify their deposits in the University's Short Term Investment Pool as a cash equivalent.

Investments. Investments are recorded at fair value. Securities are generally valued at the last sale price on the last business day of the fiscal year, as quoted on a recognized exchange or utilizing an industry standard pricing service, when available. Securities for which no sale was reported as of the close of the last business day of the fiscal year are valued at the quoted bid price of a dealer who regularly trades in the security being valued. Certain securities may be valued on a basis of a price provided by a single source.

Investments also include private equities, absolute return funds and real estate. Private equities include venture capital partnerships, buyout and international funds. Interests in private equity and real estate partnerships are based upon valuations provided by the general partners of the respective partnerships as of March 31, adjusted for cash receipts, cash disbursements and securities distributions through June 30. Investments in absolute return partnerships are based upon valuations provided by general partners of the respective partnerships as of May 31, adjusted for cash receipts and cash disbursements through June 30. Interests in certain direct investments in real estate are estimated based upon independent appraisals. The University believes the carrying amount of these financial instruments and real estate is a reasonable estimate of fair value at June 30. Because the private equity, real estate and absolute return partnerships, along with direct investments in real estate, are not readily marketable, their estimated value is subject to uncertainty and, therefore, may differ significantly from the value that would be used had a ready market for such investments existed.

Deposits with the state of California are valued at contract value, which the University believes approximates fair value.

Investments in registered investment companies are valued based upon the reported net asset value of those companies. Mortgage loans, held as investments, are valued on the basis of their future principal and interest payments, and are discounted at prevailing interest rates for similar instruments. Insurance contracts are valued at contract value, plus reinvested interest, which approximates fair value. Estimates of the fair value of interests in externally held irrevocable trusts where the University is the beneficiary of either the income or the remainder that will not become a permanent endowment upon distribution to the University are based upon the present value of the expected future income or, if available, the University's proportional interest in the fair value of the trust assets.

Investments denominated in foreign currencies are translated into U.S. dollar equivalents using year-end spot foreign currency exchange rates. Purchases and sales of investments and their related income are translated at the rate of exchange on the respective transaction dates. Realized and unrealized gains and losses resulting from foreign currency changes are included in the University's statement of revenues, expenses and changes in net position.

Investment transactions are recorded on the date the securities are purchased or sold (trade date). Realized gains or losses are recorded as the difference between the proceeds from the sale and the average cost of the investment sold. Dividend income is recorded on the ex-dividend date and interest income is accrued as earned. Gifts of securities are recorded based on fair value at the date of donation.

Funds held by trustees. The University and campus foundations have been named the irrevocable beneficiary for several charitable remainder trusts for which the University and campus foundations are not the trustee. Upon maturity of each trust, the remainder of the trust corpus will be transferred to the University or the campus foundation. These funds cannot be sold, disbursed or consumed until a specified number of years have passed or a specific event has occurred. The University and campus foundations are also an income beneficiary of certain trusts where the assets are invested and administered by outside trustees.

Consistent with the University's and campus foundations' recognition policy for pledges of endowment, receivables and contribution revenue associated with these trusts are not reflected in the accompanying financial statements. The University and campus foundations recognize contribution revenue when all eligibility requirements have been met.

Derivative financial instruments. Derivative instruments are recorded at fair value. Futures contracts, foreign currency exchange contracts, stock rights and warrants, options and swaptions are valued at the last sales price on the last day of the fiscal year, as quoted on a recognized exchange or utilizing an industry standard pricing service, when available. Financial institutions or independent advisors have estimated the fair value of the interest rate swaps and total return swaps using quoted market prices when available or discounted expected future net cash flows.

The University has entered into interest rate swap agreements to limit the exposure of its variable-rate debt to changes in market interest rates. Interest rate swap agreements involve the exchange with a counterparty of fixed- and variable-rate interest payments periodically over the life of the agreement without exchange of the underlying notional principal amounts. The net differential to be paid or received is recognized over the life of the agreements as an adjustment to interest expense. The University's counterparties are major financial institutions.

Derivatives are recorded at fair value as either assets or liabilities in the statement of net position. Certain derivatives are determined to be hedging derivatives and designated as either a fair value or cash flow hedge. Under hedge accounting, changes in the fair value of hedging derivatives are considered to be deferred inflows (for hedging derivatives with positive fair values) or deferred outflows (for hedging derivatives with negative fair values).

Changes in the fair value of derivatives that are not hedging derivatives are recorded as net appreciation or depreciation of investments in the statement of revenues, expenses and changes in net position.

Participants' interests in mutual funds. Participants in the University's defined contribution retirement plans may invest their account balances in funds managed by the University's Chief Investment Officer or in certain mutual funds.

Accounts receivable, net. Accounts receivable, net of allowance for uncollectible amounts, include reimbursements due from state and federal sponsors of externally-funded research, patient billings, accrued income on investments and other receivables. Other receivables include local government and private grants and contracts, educational activities and amounts due from students, employees and faculty for services.

Pledges receivable, net. Unconditional pledges of private gifts to the University or to the campus foundations in the future, net of allowance for uncollectible amounts, are recorded as pledges receivable and revenue in the year promised at the present value of expected cash flows. Conditional pledges, including all pledges of endowments and intentions to pledge, are recognized as receivables and revenues when the specified conditions are met. Receivables and contribution revenue associated with externally-held investment trusts are not reflected in the accompanying financial statements. The University recognizes contribution revenue when all eligibility requirements have been met.

Notes and mortgages receivable, net. Loans to students, net of allowance for uncollectible amounts, are provided from federal student loan programs and from other University sources. Home mortgage loans, primarily to faculty, are provided from the University's Short Term Investment Pool and from other University sources. Mortgage loans provided by the Short Term Investment Pool are classified as investments and loans provided by other sources are classified as mortgages receivable in the statement of net position.

Inventories. Inventories, consisting primarily of supplies and merchandise for resale, are valued at cost, typically determined under the weighted average method, which is not in excess of net realizable value.

DOE national laboratories. The University operates and manages LBNL under a contract directly with the DOE. Specific assets and liabilities and all revenues and expenses associated with LBNL are included in the financial statements. Other assets, such as cash, property and equipment and other liabilities of LBNL are owned by the United States government rather than the University and, therefore, are not included in the statement of net position. The statement of cash flows excludes the cash flows associated with LBNL other than reimbursements, primarily related to pension and health benefits, since all other cash transactions are recorded in bank accounts owned by the DOE.

The University is a member in two separate joint ventures, Los Alamos National Security, LLC (LANS), and Lawrence Livermore National Security, LLC (LLNS), that operate and manage two other DOE laboratories, Los Alamos National Laboratory (LANL) and Lawrence Livermore National Laboratory (LLNL), respectively, under contracts directly with the DOE. The University's investment in LANS and LLNS is accounted for using the equity method. Accordingly, the University's statement of net position includes its equity interest in LANS and LLNS, adjusted for the equity in undistributed earnings or losses and the statement of revenues, expenses and changes in net position includes its equity in the current earnings or losses of LANS and LLNS.

The DOE is financially responsible for substantially all of the current and future costs incurred at any of the national laboratories, including pension and retiree health benefit costs. Accordingly, to the extent there is a liability on the University's statement of net position for pension or retiree health obligations related to these laboratories, the University records a receivable from the DOE.

Capital assets, net. Land, infrastructure, buildings and improvements, intangible assets, equipment, libraries, collections and special collections are recorded at cost at the date of acquisition, or estimated fair value at the date of donation in the case of gifts. Estimates of fair value involve assumptions and estimation methods that are uncertain and, therefore, the estimates could differ from actual value. Intangible assets include easements, land rights, trademarks, patents and other similar arrangements. Capital leases are recorded at the present value of future minimum lease payments. Significant additions, replacements, major repairs and renovations to infrastructure and buildings are generally capitalized if the cost exceeds \$35,000 and if they have a useful life of more than one year. Minor renovations are charged to operations. Equipment with a cost in excess of \$5,000 and a useful life of more than one year is capitalized. All costs of land, library collections and special collections are capitalized.

Depreciation is calculated using the straight-line method over the estimated economic life of the asset. Equipment under capital leases is amortized over the estimated useful life of the equipment. Leasehold improvements are amortized using the straight-line method over the shorter of the life of the applicable lease or the economic life of the asset.

Estimated economic lives are generally as follows:

| | YEARS |
|-------------------------------|----------------|
| Infrastructure | 25 |
| Buildings and improvements | 15–33 |
| Equipment | 2–20 |
| Computer software | 3–7 |
| Intangible assets | 2 – indefinite |
| Library books and collections | 15 |

Capital assets acquired through federal grants and contracts where the federal government retains a reversionary interest are also capitalized and depreciated.

Inexhaustible capital assets, such as land or special collections that are protected, preserved and held for public exhibition, education or research, including art, museum, scientific and rare book collections, are not depreciated.

Interest on borrowings to finance facilities is capitalized during construction, net of any investment income earned on tax-exempt borrowings during the temporary investment of project related borrowings.

Service Concession Arrangements. The University has entered into service concession arrangements with third parties for student housing and certain other faculty and student services. Under these arrangements, the University enters into ground leases with third parties at a minimal or no cost, and gives the third party the right to construct, operate and maintain a facility, primarily for the benefit of students and faculty at competitive rates. Rate increases for use of the facilities are subject to certain constraints and ownership of the facilities reverts to the University upon expiration of the ground lease. The facilities are reported as capital assets by the University when placed in service, and a corresponding deferred inflow of resources is reported. The University has not provided guarantees on financing obtained by the third parties under these arrangements.

Unearned revenue. Unearned revenue primarily includes amounts received from grant and contract sponsors that have not been earned under the terms of the agreement and other revenue billed in advance of the event, such as student tuition and fees for housing and dining services.

Funds held for others. Funds held for others result from the University or the campus foundations acting as an agent, or fiduciary, on behalf of organizations that are not significant or financially accountable to the University or campus foundations.

Federal refundable loans. Certain loans to students are administered by the University with funding primarily supported by the federal government. The University's statement of net position includes both the notes receivable and the related federal refundable loan liability representing federal capital contributions owed upon termination of the program.

Self-insurance programs. The University is self-insured or insured through a wholly-owned captive insurance company for medical malpractice, workers' compensation, employee health care and general liability claims. These risks are subject to various claim and aggregate limits, with excess liability coverage provided by an independent insurer. Liabilities are recorded when it is probable a loss has occurred and the amount of the loss can be reasonably estimated. These losses include an estimate for claims that have been incurred, but not reported. The estimated liabilities are based upon an independent actuarial determination of the present value of the anticipated future payments.

Obligations under life income agreements. Obligations under life income agreements represent trusts with living income beneficiaries where the University has a residual interest. The investments associated with these agreements are recorded at fair value. The discounted present value of any income beneficiary interest is reported as a liability in the statement of net position. Gifts subject to such agreements are recorded as revenue, net of the income beneficiary share, at the date of the gift. Actuarial gains and losses are included in other nonoperating income (expense) in the statement of revenues, expenses and changes in net position. Resources that are expendable upon maturity are classified as restricted, expendable net position; all others are classified as restricted, nonexpendable net position.

Pollution remediation obligations. Upon an obligating event, the University estimates the components of any expected pollution remediation costs and recoveries from third parties. The costs, estimated using the expected cash flow technique, are accrued as a liability. Pollution remediation liabilities generally involve groundwater, soil and sediment contamination at certain sites where state and other regulatory agencies have indicated that the University is among the responsible parties. The liabilities are revalued annually and may increase or decrease the cost of recovery from third parties, if any, as a result of additional information that refines the estimates, or from payments made from revenue sources that support the activity. There were no expected recoveries at June 30, 2013 and 2012 reducing the pollution remediation liability.

Net position. Net position is required to be classified for accounting and reporting purposes into the following categories:

Invested in capital assets, net of related debt. This category includes all of the University's capital assets, net of accumulated depreciation, reduced by outstanding debt attributable to the acquisition, construction or improvement of those assets.

Reserved for minority interests. This category includes the net position of legally separate organizations attributable to other participants.

Restricted. The University and campus foundations classify the net position resulting from transactions with purpose restrictions as restricted net position until the specific resources are used for the required purpose or for as long as the provider requires the resources to remain intact.

Nonexpendable. The net position subject to externally-imposed restrictions, which must be retained in perpetuity by the University or the campus foundations, is classified as nonexpendable net position. This includes the University and campus foundation permanent endowment funds.

Expendable. The net position whose use by the University or the campus foundations is subject to externally-imposed restrictions that can be fulfilled by actions of the University or campus foundations pursuant to those restrictions or that expire by the passage of time are classified as expendable net position.

Unrestricted. The net position that is neither reserved, restricted nor invested in capital assets, net of related debt, are classified as unrestricted net position. The University's unrestricted net position may be designated for specific purposes by management or The Regents. The campus foundations' unrestricted net position may be designated for specific purposes by their Boards of Trustees. Substantially all of the University's unrestricted net position is allocated for academic and research initiatives or programs, for capital programs or for other purposes.

Expenses are charged to either restricted or unrestricted net position based upon a variety of factors, including consideration of prior and future revenue sources, the type of expense incurred, the University's budgetary policies surrounding the various revenue sources or whether the expense is a recurring cost.

Revenues and expenses. Operating revenues of the University include receipts from student tuition and fees, grants and contracts for specific operating activities and sales and services from medical centers, educational activities and auxiliary enterprises. Operating expenses incurred in conducting the programs and services of the University are presented in the statement of revenues, expenses and changes in net position as operating activities. The University's equity in current earnings or losses of LANS and LLNS is also an operating transaction.

Certain significant revenues relied upon and budgeted for fundamental operational support of the core instructional mission of the University are mandated by the GASB to be recorded as nonoperating revenues, including state educational appropriations, certain federal grants for student financial aid, private gifts and investment income, since the GASB does not consider them to be related to the principal operating activities of the University.

Campus foundations are established to financially support the University. Private gifts to campus foundations are recognized as operating revenues since, in contrast to the University, such contributions are fundamental to the core mission of the campus foundations. Foundation grants to the University are recognized as operating expenses by the foundations. Private gift or capital gift revenues associated with campus foundation grants to the University are recorded by the University as gifts when the foundations transfer the gifts to the University.

Nonoperating revenues and expenses include state educational appropriations, state financing appropriations, state hospital fee grants, Build America Bonds federal interest subsidies, federal Pell grants, private gifts for other than capital purposes, investment income, net unrealized appreciation or depreciation in the fair value of investments, interest expense and gain or loss on the disposal of capital assets.

State capital appropriations, capital gifts and grants and gifts for endowment purposes are classified as other changes in net position.

Student tuition and fees. Substantially, all student tuition and fees provide for the current operations of the University. A small portion of the student fees, reported as capital gifts and grants, is required for debt service associated with student union and recreational centers.

The University recognizes scholarship allowances as the difference between the stated charge for tuition and fees, housing and dining charges, recreational center and other fees, and the amount that is paid by the student and third parties on behalf of the student. Payments of financial aid made directly to students are classified as scholarship and fellowship expenses.

Scholarship allowances are netted in the statement of revenues, expenses and changes in net position for the years ended June 30, 2013 and 2012 as follows:

| <i>(in thousands of dollars)</i> | | |
|----------------------------------|--------------------|--------------------|
| | 2013 | 2012 |
| Student tuition and fees | \$ 1,020,621 | \$ 979,394 |
| Auxiliary enterprises | 203,249 | 171,663 |
| Other operating revenues | 24,018 | 21,014 |
| Scholarship allowances | \$1,247,888 | \$1,172,071 |

State appropriations. The state of California provides appropriations to the University on an annual basis. State educational appropriations are recognized as nonoperating revenue; however, the related expenses for educational or other specific operating purposes are reported as operating expenses. State financing appropriations provide for principal and interest payments associated with lease-purchase agreements with the State Public Works Board and are also reported as nonoperating revenue. State appropriations for capital projects are recorded as revenue under other changes in net position when the related expenditures are incurred. Special state appropriations for AIDS, tobacco and breast cancer research are reported as grant operating revenue.

Grant and contract revenue. The University receives grant and contract revenue from governmental and private sources. The University recognizes revenue associated with the direct costs of sponsored programs as the related expenditures are incurred. Recovery of facilities and administrative costs of federally-sponsored programs is at cost reimbursement rates negotiated with the University's federal cognizant agency, the U.S. Department of Health and Human Services. For the year ended June 30, 2013, the facilities and administrative cost recovery totaled \$990.5 million, \$731.7 million from federally-sponsored programs and \$258.8 million from other sponsors. For the year ended June 30, 2012, the facilities and administrative cost recovery totaled \$997.8 million, \$748.5 million from federally-sponsored programs and \$249.3 million from other sponsors.

Medical center revenue. Medical center revenue is reported at the estimated net realizable amounts from patients and third-party payors, including Medicare, Medi-Cal and others, for services rendered, as well as estimated retroactive adjustments under reimbursement agreements with third-party payors. Laws and regulations governing Medicare and Medi-Cal are complex and subject to interpretation. Retroactive adjustments are accrued on an estimated basis in the period the related services are rendered and adjusted in future periods as final settlements are determined. It is reasonably possible that estimated amounts accrued could change significantly based upon settlement, or as additional information becomes available.

UCRP benefits and obligation to UCRP. The University's cost for campus and medical center UCRP benefits expense is based upon the annual required contribution to UCRP, as actuarially determined. Contributions to UCRP are made based upon rates or amounts determined by The Regents, and reduce the University's obligation to UCRP in the statement of net position.

Both current employees and retirees at LBNL participate in UCRP. The University makes contributions to UCRP for LBNL employees and is reimbursed by the DOE based upon rates that are identical to those authorized by The Regents for campus and medical center employees. The University also makes contributions to UCRP for LANL and LLNL retirees and terminated vested members, whose benefits were retained in UCRP at the time the joint ventures were formed. The annual required contribution for the LANL and LLNL is actuarially determined based upon a contractual arrangement with the DOE that incorporates a formula targeted to maintain the LANL and LLNL segments within UCRP at a 100 percent funded level. The University is reimbursed by the DOE for these contributions. These contributions and reimbursements from the DOE are included as DOE laboratory expense and revenue, respectively in the statement of revenues, expenses and changes in net position.

The University records a receivable or payable from the DOE for the amounts that are due under the DOE contracts and collection is expected for pension benefits attributable to the DOE laboratories.

Retiree health benefits and obligations for retiree health benefits. The University's cost for campus and medical center retiree health benefits expense is based upon the annual required contribution to the retiree health plan, as actuarially determined. Campus and medical center contributions toward retiree health benefits, at rates determined by the University, are made to UCRHBT and reduce the obligation for retiree health benefits in the statement of net position.

LBNL participates in the University's retiree health plans. The annual required contribution for LBNL is actuarially determined independently from the University's campuses and medical centers, and is included with the DOE laboratory expense in the statement of revenues, expenses and changes in net position. The University directly pays health care insurers and administrators amounts currently due under the University's retiree health benefit plans for retirees who previously worked at LBNL, and is reimbursed by the DOE. These contributions, in the form of direct payments, also reduce the University's obligation for retiree health benefits in the statement of net position. The reimbursement from the DOE is included as DOE laboratory revenue in the statement of revenues, expenses and changes in net position.

The University records a receivable from the DOE for the DOE's portion of the University's obligation for retiree health benefits attributable to LBNL. The University does not have any obligation for LANL or LLNL retiree health benefit costs since they do not participate in the University's retiree health plans.

Campus and medical center contributions toward retiree health costs made to UCRHBT, the University's LBNL-related payments made directly to health care insurers and administrators and the corresponding reimbursements from the DOE are operating activities in the statement of cash flows. Cash flows resulting from retiree health contributions from retirees are shown as noncapital financing activities in the statement of cash flows.

University of California Retiree Health Benefit Trust. UCRHBT receives the University's contributions toward retiree health benefits from campuses, medical centers and University affiliates. The University receives retiree health contributions from University affiliates and campus and medical center retirees that are deducted from their UCRP benefit payments. The University also remits these retiree contributions to UCRHBT.

The University acts as a third-party administrator on behalf of UCRHBT and pays health care insurers and administrators amounts currently due under the University's retiree health benefit plans for retirees who previously worked at a campus or medical center. UCRHBT reimburses the University for these amounts.

LBNL does not participate in UCRHBT; therefore, the DOE has no interest in the Trust's assets.

Compensated absences. The University accrues annual leave, including employer-related costs, for employees at rates based upon length of service and job classification and compensatory time based upon job classification and hours worked.

Endowment spending. Under provisions of California law, the Uniform Prudent Management of Institutional Funds Act allows for investment income, as well as a portion of realized and unrealized gains, to be expended for the operational requirements of University programs.

Tax exemption. The University is recognized as a tax-exempt organization under Section 501(c)(3) of the Internal Revenue Code (IRC). Because the University is a state institution, related income received by the University is also exempt from federal tax under IRC Section 115(a). In addition, the University is exempt from state income taxes imposed under the California Revenue and Taxation Code. UCRS plans are qualified under IRC Section 401(a) and the related trusts are tax-exempt under Section 501(c)(3). The campus foundations are exempt under Section 501(c)(3). Income received by UCRHBT is tax-exempt under Section 115(a).

Use of estimates. The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures during the reporting period. Although management believes the estimates and assumptions are reasonable, they are based upon information available at the time the estimate or judgment is made and actual amounts could differ from those estimates.

New accounting pronouncements. In March 2012, the GASB issued Statement No. 65, *Items Previously Reported as Assets and Liabilities*, effective for the University's fiscal year beginning July 1, 2013. This Statement reclassifies, as deferred outflows of resources or deferred inflows of resources, certain items that were previously reported as assets and liabilities and recognizes, as outflows of resources or inflows of resources, certain items that were previously reported as assets and liabilities. The University is evaluating the effect that Statement No. 65 will have on its financial statements.

In March 2012, the GASB issued Statement No. 66, *Technical Corrections – 2012 – An Amendment of GASB Statements No. 10 and No. 62*, effective for the University's fiscal year beginning July 1, 2013. This Statement resolves conflicting guidance that resulted from the issuance of two pronouncements, Statements No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, and No. 62, *Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements*. The University is evaluating the effect that Statement No. 66 will have on its financial statements.

In June 2012, the GASB issued Statement No. 67, *Financial Reporting for Pension Plans*, effective for the University's fiscal year beginning July 1, 2013. This Statement revises existing standards for financial reporting for pension plans by changing the approach to measuring the net pension liability. The net pension liability is measured as the total pension liability, less the amount of the pension plan's fiduciary net position. The total pension liability is determined based upon discounting projected benefit payments based on the benefit terms and legal agreements existing at the pension plan's fiscal year end. Projected benefit payments are required to be discounted using a single rate that reflects the expected rate of return on investments, to the extent that plan assets are available to pay benefits, and a tax-exempt, high-quality municipal bond rate when plan assets are not available. Statement No. 67 will affect the information presented in the footnotes to the financial statements and required supplementary information for UCRP. The University is evaluating the effect that Statement No. 67 will have on its financial statements.

In June 2012, the GASB issued Statement No. 68, *Accounting and Financial Reporting for Pensions*, effective for the University's fiscal year beginning July 1, 2014. This Statement revises existing standards for measuring and reporting pension liabilities for pension plans provided by the University to its employees. This Statement requires recognition of a liability equal to the net pension liability, which is measured as the total pension liability, less the amount of the pension plan's fiduciary net position. The total pension liability is determined based upon discounting projected benefit payments based on the benefit terms and legal agreements existing at the pension plan's fiscal year end. Projected benefit payments are required to be discounted using a single rate that reflects the expected rate of return on investments, to the extent that plan assets are available to pay benefits, and a tax-exempt, high-quality municipal bond rate when plan assets are not available. This Statement requires that most changes in the net pension liability be included in pension expense in the period of the change. As of June 30, 2013, the

University reported an obligation to UCRP of \$3.4 billion, representing unfunded contributions to UCRP based upon the University's funding policy. Under Statement No. 68, The University's obligation to UCRP is expected to increase. The University is evaluating the effect that Statement No. 68 will have on its financial statements.

In January 2013, the GASB issued Statement No. 69, *Government Combinations and Disposals of Government Operations*, effective for the University's fiscal year beginning July 1, 2014. This Statement establishes standards for accounting and financial reporting of government combinations and disposals of government operations. Government combinations include mergers, acquisitions and transfers of operations of government or nongovernment entities to a continuing government. The Statement includes guidance for measuring the assets and liabilities that are acquired in a combination, either with or without consideration. The provisions of this Statement are applicable on a prospective basis to combinations that occur after the effective date. The University is evaluating the effect that Statement No. 69 will have on its financial statements.

In April 2013, the GASB issued Statement No. 70, *Accounting and Financial Reporting for Nonexchange Financial Guarantees*, effective for the University's fiscal year beginning July 1, 2013. This Statement establishes standards for recording a liability when a government extends a nonexchange financial guarantee for the obligations of another government, a not-for-profit organization, a private entity or an individual without receiving equal or nearly equal value in exchange. As part of the nonexchange financial guarantee, the government commits to indemnify the holder of the obligation if the entity or individual that issued the obligation does not fulfill its payment requirements. This standard requires the government that extends a nonexchange financial guarantee to record a liability when qualitative factors and historical data indicate that it is more likely than not that the government will be required to make a payment on the guarantee. The University is evaluating the effect that Statement No. 70 will have on its financial statements.

1. CASH AND CASH EQUIVALENTS

The University maintains centralized management for substantially all of its cash and cash equivalents. Cash in demand deposit accounts is minimized by sweeping available cash balances into investment accounts on a daily basis.

Under University policy, deposits are only held at financial institutions that maintain an issuer rating on long-term debt of A3 or higher by Moody's, A- or higher by Standard & Poor's or an Asset Peer Group rating of 65 or higher as defined by Sheshunoff Bank Rating Reports. In 2012, ratings for one of the University's banks were lowered below these thresholds. The University approved an exception for this institution and continues to monitor the institution's financial condition. At June 30, 2013 and 2012, the carrying amount of the University's demand deposits, generally held in five nationally-recognized banking institutions, was \$194.2 million and \$133.3 million, respectively, compared to bank balances of \$155.9 million and \$99.0 million, respectively. Deposits in transit and cash awaiting investment are the primary differences.

The University does not have significant exposure to foreign currency risk in demand deposit accounts. Accounts held in foreign countries maintain minimum operating balances with the intent to reduce potential foreign exchange risk while providing an adequate level of liquidity to meet the obligations of the academic programs established abroad. The equivalent U.S. dollar balances required to support research groups and education abroad programs in foreign countries was \$2.6 million at June 30, 2013, and \$2.7 million at June 30, 2012.

The carrying amount of the campus foundations' cash and cash equivalents at June 30, 2013 and 2012 was \$139.8 million and \$101.3 million, respectively, compared to bank balances of \$105.0 million and \$67.2 million, respectively. Deposits in transit and cash awaiting investment are the primary differences. Included in bank balances are deposits in the University's Short Term Investment Pool of \$33.9 million and \$31.7 million at June 30, 2013 and 2012, respectively, with the remaining uncollateralized bank balances insured by the Federal Deposit Insurance Corporation (FDIC). Bank balances include \$2.4 million in excess of the FDIC limits and not collateralized. The campus foundations do not have exposure to foreign currency risk in their cash and cash equivalents

2. INVESTMENTS

The Regents, as the governing Board, is responsible for the oversight of the University's, UCRS' and UCRHBT's investments and establishes investment policy, which is carried out by the Chief Investment Officer. These investments are associated with the Short Term Investment Pool (STIP), Total Return Investment Pool (TRIP), General Endowment Pool (GEP), UCRS, UCRHBT and other investment pools managed by the Chief Investment Officer, or are separately invested. Pursuant to The Regents' policies on campus foundations, the Board of Trustees for each campus foundation may determine that all or a portion of their investments will be managed by the Chief Investment Officer. Asset allocation guidelines are provided to the campus foundations by the Investment Committee of The Regents.

STIP allows participants to maximize the returns on their short-term cash balances by taking advantage of the economies of scale of investing in a large pool with a broad range of maturities and is managed to maximize current earned income. Cash to provide for payroll, construction expenditures and other operating expenses for campuses and medical centers is invested in STIP. The available cash in UCRS or endowment investment pools awaiting investment, or cash for administrative expenses, is also invested in STIP.

Investments authorized by The Regents for STIP include fixed-income securities with a maximum maturity of five and one-half years. In addition, for STIP, The Regents has also authorized loans, primarily to faculty members residing in California, under the University's Mortgage Origination Program with terms up to 40 years.

TRIP allows participant campuses the opportunity to maximize the return on their long-term working capital by taking advantage of the economies of scale of investing in a large pool across a broad range of asset classes. TRIP is managed to a total return objective and is intended to supplement STIP. Investments authorized by The Regents for TRIP include a diversified portfolio of equity and fixed-income securities.

GEP is an investment pool in which a large number of individual endowments participate in order to benefit from diversification and economies of scale. GEP is a balanced portfolio and the primary investment vehicle for endowed gift funds. Where donor agreements place constraints on allowable investments, assets associated with endowments are invested in accordance with the terms of the agreements.

Other investment pools primarily facilitate annuity and life income arrangements. Separate investments are those that cannot be pooled due to investment restrictions or income requirements.

Investments authorized by The Regents for GEP, UCRS, other investment pools and separate investments include equity securities, fixed-income securities and certain other asset classes. The equity portion of the investment portfolios include both domestic and foreign common and preferred stocks which may be included in actively or passively managed strategies, along with a modest exposure to private equities. The University's investment portfolios may include foreign currency denominated equity securities. The fixed-income portion of the investment portfolios may include both domestic and foreign securities, along with certain securitized investments, including mortgage-backed and asset-backed securities. Fixed-income investment guidelines permit the use of futures and options on fixed-income instruments in the ongoing management of the portfolios. Real estate investments are authorized for both GEP and UCRS. Absolute return strategies, which may incorporate short sales, plus derivative positions to implement or hedge an investment position, are also authorized for GEP and UCRS.

Derivative instruments, including futures, forward contracts, options and swap contracts are authorized for portfolio rebalancing in accordance with The Regents' asset allocation policy and as substitutes for physical securities. Derivatives are not used for speculative purposes.

The Regents has also authorized certain employee account balances in defined contribution plans included as part of UCRS' investments to be invested in mutual funds. The participants' interests in mutual funds is not managed by the Chief Investment Officer and totaled \$3.7 billion and \$4.4 billion at June 30, 2013 and 2012, respectively.

Investments authorized by The Regents for the UCRHBT are restricted to a portfolio of high quality money market instruments in a commingled fund that is managed externally. The average credit quality of the portfolio is A-1/P-1 with an average maturity of 46 days. The fair value of UCRHBT's investment in this portfolio was \$7.8 million and \$65.1 million at June 30, 2013 and 2012, respectively.

The University had deposits of \$1 billion in the State Agency Investment Fund (SAIF) at June 30, 2012. SAIF was created under California Government Code §16330. The agreement expired on April 25, 2013.

The composition of investments, by investment type at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|---|--------------------------|---------------------|--|--------------------|---|---------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| <i>Equity securities:</i> | | | | | | |
| Domestic | \$ 1,342,866 | \$ 1,588,587 | \$ 161,029 | \$ 165,363 | \$ 12,733,087 | \$ 12,350,104 |
| Foreign | 1,515,736 | 1,566,010 | 6,806 | 7,691 | 7,570,145 | 8,123,100 |
| Equity securities | 2,858,602 | 3,154,597 | 167,835 | 173,054 | 20,303,232 | 20,473,204 |
| <i>Fixed- or variable-income securities:</i> | | | | | | |
| U.S. government guaranteed: | | | | | | |
| U.S. Treasury bills, notes and bonds | 492,681 | 556,927 | 320,825 | 203,761 | 2,157,615 | 1,909,978 |
| U.S. Treasury strips | 88,985 | 152,259 | 161 | 183 | 486,886 | 627,474 |
| U.S. TIPS | 151,225 | 202,814 | | | 3,397,014 | 3,540,623 |
| U.S. government-backed securities | | | 1,361 | 9,520 | 12,326 | 14,062 |
| U.S. government-backed–asset-backed securities | | | 582 | 589 | | |
| U.S. government guaranteed | 732,891 | 912,000 | 322,929 | 214,053 | 6,053,841 | 6,092,137 |
| Other U.S. dollar denominated: | | | | | | |
| Corporate bonds | 6,276,076 | 6,092,133 | 52,915 | 93,026 | 2,460,076 | 2,322,593 |
| Commercial paper | 2,205,533 | 799,493 | | | | |
| U.S. agencies | 1,383,842 | 1,332,192 | 3,996 | 5,534 | 3,265,745 | 3,100,944 |
| U.S. agencies–asset-backed securities | 283,169 | 259,768 | 76,387 | 73,208 | 2,066,842 | 2,230,842 |
| Corporate–asset-backed securities | 107,456 | 111,893 | 38,176 | 31,299 | 817,772 | 714,276 |
| Supranational/foreign | 1,700,003 | 1,630,399 | 1,691 | 1,467 | 1,360,408 | 1,349,467 |
| Other | 14,101 | 5,862 | 13,305 | 17,903 | 22,453 | 15,317 |
| Other U.S. dollar denominated | 11,970,180 | 10,231,740 | 186,470 | 222,437 | 9,993,296 | 9,733,439 |
| Foreign currency denominated: | | | | | | |
| Corporate | 39,199 | 33,558 | | | 249,910 | 199,159 |
| Foreign currency denominated | 39,199 | 33,558 | | | 249,910 | 199,159 |
| <i>Commingled funds:</i> | | | | | | |
| Absolute return funds | 1,835,962 | 1,701,748 | 1,321,812 | 838,215 | 3,020,581 | 3,013,658 |
| Non-U.S. equity funds | 758,837 | 498,040 | 644,773 | 689,010 | 4,833,255 | 3,491,197 |
| Private equity | 710,107 | 654,164 | 439,509 | 459,421 | 3,869,830 | 3,582,591 |
| Money market funds | 680,674 | 420,369 | 628,690 | 459,308 | 4,580,644 | 2,087,161 |
| U.S. equity funds | 484,203 | 155,439 | 624,357 | 522,168 | 2,007,865 | 1,247,806 |
| Real estate investment trusts | 244,314 | 225,258 | 55,279 | 80,424 | 258,563 | 102,247 |
| Real assets | 154,158 | 116,732 | | | 873,505 | 532,659 |
| U.S. bond funds | 150,696 | 51,586 | 157,748 | 295,978 | 1,127,835 | 892,330 |
| Non-U.S. bond funds | 19,564 | 18,683 | 56,108 | 68,628 | 110,860 | 105,870 |
| Balanced funds | 6,087 | 5,892 | 877,331 | 800,283 | 34,706 | 33,577 |
| Commingled funds | 5,044,602 | 3,847,911 | 4,805,607 | 4,213,435 | 20,717,644 | 15,089,096 |
| Investment derivatives | (10,604) | (26,284) | (170) | 278 | 37,924 | 47,038 |
| State of California deposit agreement | | 1,000,000 | | | | |
| Mortgage loans | 161,054 | 562,539 | 254 | 267 | | |
| Insurance contracts | | | | | 337,678 | 514,147 |
| Real estate | 564,127 | 466,055 | 124,206 | 133,990 | 2,411,286 | 2,260,458 |
| Externally-held irrevocable trusts | | 123,830 | | 34,896 | | |
| Other investments | 12,012 | 13,180 | 192,657 | 168,807 | | |
| Campus foundations' investments with the University | (1,240,250) | (1,059,918) | | | | |
| UCRS investment in STIP | (1,189,805) | (966,810) | | | | |
| Total investments | 18,942,008 | 18,292,398 | 5,799,788 | 5,161,217 | \$60,104,811 | \$54,408,678 |
| Less: Current portion | (3,270,802) | (3,557,341) | (630,808) | (334,818) | | |
| Noncurrent portion | \$15,671,206 | \$14,735,057 | \$5,168,980 | \$4,826,399 | | |

Investment Risk Factors

There are many factors that can affect the value of investments. Some, such as custodial credit risk, concentration of credit risk and foreign currency risk may affect both equity and fixed-income securities. Equity securities respond to such factors as economic conditions, individual company earnings performance and market liquidity, while fixed-income securities are particularly sensitive to credit risks and changes in interest rates. Alternative investment strategies and their underlying assets and rights are subject to an array of economic and market vagaries that can limit or erode value.

Credit Risk

Fixed-income securities are subject to credit risk, which is the chance that a bond issuer will fail to pay interest or principal in a timely manner, or that negative perceptions of the issuer's ability to make these payments will cause security prices to decline. These circumstances may arise due to a variety of factors such as financial weakness, bankruptcy, litigation and/or adverse political developments.

A bond's credit quality is an assessment of the issuer's ability to pay interest on the bond, and ultimately, to pay the principal. Credit quality is evaluated by one of the independent bond rating agencies, for example Moody's Investors Service (Moody's) or Standard and Poor's (S&P). The lower the rating, the greater the chance, in the rating agency's opinion, that the bond issuer will default, or fail to meet its payment obligations. Generally, the lower a bond's credit rating, the higher its yield should be to compensate for the additional risk.

Certain fixed-income securities, primarily obligations of the U.S. government or those explicitly guaranteed by the U.S. government, are not considered to have credit risk.

Asset-backed securities are debt obligations that represent claims to the cash flows from pools of commercial, mortgage, credit card or student loans. Mortgage-backed securities issued by Ginnie Mae are backed by the full faith and credit of the U.S. government. Effective September 2008, Fannie Mae and Freddie Mac were placed under the conservatorship of the Federal Housing Finance Agency. At the same time, the U.S. Treasury put in place a set of financing agreements to ensure Fannie Mae and Freddie Mac have the ability to fulfill their obligations to holders of bonds that they have issued or guaranteed.

SAIF deposits are invested by the state in their pooled investment program. SAIF deposits are unrated and represent general credits of the state of California. In the event the credit ratings for the state's general obligation bonds is lower than BBB-, all SAIF deposits are required to be returned to the University. The state's general obligation bonds are rated A- by Fitch, A-1 by Moody's and A- by S&P.

The investment guidelines for STIP recognize that a limited amount of credit risk, properly managed and monitored, is prudent and provides incremental risk adjusted return over its benchmark (the benchmark for STIP, the two-year Treasury note, has no credit risk). No more than 5 percent of the total market value of the STIP portfolio may be invested in securities rated below investment grade (BB, Ba or lower). The average credit quality of STIP must be A or better and commercial paper must be rated at least A-1, P-1 or F-1.

The University recognizes that credit risk is appropriate in balanced investment pools such as TRIP, UCRS and GEP by virtue of the benchmarks chosen for the fixed-income portion of those pools.

Fixed-income benchmarks for TRIP include the Barclays Capital Aggregate Credit Index, Barclays Capital Aggregate Securitized Index, the Merrill Lynch High-Yield Cash Pay Index and the Barclays Capital Aggregate Government Index. The TRIP fixed-income benchmark is comprised of 69.2 percent high grade corporate bonds, 7.7 percent mortgage/asset-backed securities and 15.4 percent below investment grade securities, all of which carry some degree of credit risk. The remaining 7.7 percent is government-issued bonds.

The fixed-income benchmarks for UCRS and GEP, Barclays Capital U.S. Aggregate Bond Index, is comprised of 27.5 percent high grade corporate bonds and 31.4 percent mortgage/asset-backed securities, all of which carry some degree of credit risk. The remaining 41.1 percent is government-issued bonds.

Credit risk in TRIP, UCRS and GEP is managed primarily by diversifying across issuers. In addition, portfolio guidelines for UCRS and GEP mandate that no more than 10 percent of the market value of fixed-income securities may be invested in issues with credit ratings below investment grade. Further, the weighted average credit rating must be A or higher.

In addition, the investment policy for both UCRP and GEP allows for dedicated allocations to non-investment grade and emerging market bonds, an investment which entails credit, default and or sovereign risk.

The credit risk profile for fixed- or variable-income securities at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|---|--------------------------|------------|--|-----------|---|--------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| <i>Fixed- or variable-income securities:</i> | | | | | | |
| U.S. government guaranteed | \$ 732,891 | \$ 912,000 | \$322,929 | \$214,053 | \$6,053,841 | \$ 6,092,137 |
| Other U.S. dollar denominated: | | | | | | |
| AAA | 271,941 | 555,097 | 10,478 | 93,765 | 1,209,044 | 5,295,237 |
| AA | 2,547,706 | 2,314,961 | 87,930 | 19,725 | 4,635,490 | 493,306 |
| A | 3,731,778 | 3,462,215 | 27,833 | 63,417 | 1,029,379 | 912,975 |
| BBB | 2,325,164 | 2,347,054 | 19,436 | 21,142 | 1,341,942 | 1,257,821 |
| BB | 308,302 | 328,300 | 7,139 | 7,281 | 388,435 | 451,650 |
| B | 308,225 | 314,004 | 2,321 | 3,126 | 1,139,004 | 1,077,664 |
| CC or below | 60,878 | 61,496 | 23,319 | 11,728 | 206,264 | 220,007 |
| A-1 / P-1/ F-1 | 2,413,851 | 847,992 | | | 40,199 | 22,801 |
| Not rated | 2,335 | 621 | 8,014 | 2,253 | 3,539 | 1,978 |
| Foreign currency denominated: | | | | | | |
| A | | 31,763 | | | | 187,263 |
| BBB | 36,705 | | | | 230,748 | |
| B | 2,494 | 1,795 | | | 19,162 | 11,896 |
| <i>Investment Derivatives:</i> | | | | | | |
| AAA | | (6,458) | | | | |
| AA | 355 | (572) | | | 2,084 | |
| A | (21,722) | (25,849) | | | | 1,718 |
| <i>Commingled funds:</i> | | | | | | |
| U.S. bond funds: Not rated | 150,696 | 51,586 | 157,748 | 295,978 | 1,127,835 | 892,330 |
| Non-U.S. bond funds: Not rated | 19,564 | 18,683 | 56,108 | 68,628 | 110,860 | 105,870 |
| Money market funds: Not rated | 680,674 | 420,369 | 628,690 | 459,308 | 4,580,644 | 2,087,161 |
| <i>Mortgage loans: Not rated</i> | 161,054 | 562,539 | 254 | 267 | | |
| <i>State of California deposit agreement:</i> | | | | | | |
| A- | | 1,000,000 | | | | |
| <i>Insurance contracts: Not rated</i> | | | | | 337,678 | 514,147 |

Custodial Credit Risk

Custodial credit risk is the risk that in the event of the failure of the custodian, the investments may not be returned.

Substantially all of the University's, campus foundations' and UCRS' securities are registered in the University's name by the custodial bank as an agent for the University. Other types of investments, including the University's deposit in SAIF, represent ownership interests that do not exist in physical or book-entry form. As a result, custodial credit risk for such investments is remote.

Concentration of Credit Risk

Concentration of credit risk is the risk associated with a lack of diversification, such as having substantial investments in a few individual issuers, thereby exposing the organization to greater risks resulting from adverse economic, political, regulatory, geographic or credit developments.

The U.S. and non-U.S. equity portions of the University and UCRS portfolios may be managed either passively or actively. For the portions managed passively, the concentration of individual securities is exactly equal to their concentration in the benchmark. While some securities have a larger representation in the benchmark than others, the University considers that passive management results in an absence of concentration of credit risk. For the portions managed actively, asset class guidelines do not specifically address concentration risk, but do state that the U.S. equity asset class, in the aggregate, will be appropriately diversified to control overall risk and will exhibit portfolio characteristics similar to the asset class benchmark (including concentration of credit risk). Concentration risk for individual portfolios is monitored relative to their individual benchmarks and agreed-upon risk parameters in their guidelines.

Investment guidelines addressing concentration of credit risk related to the investment grade fixed-income portion of the University and UCRS portfolios include a limit of no more than 3 percent of each portfolio's market value to be invested in any single issuer (except for securities issued by the U.S. government or its agencies and SAIF). These same guidelines apply to STIP. For high-yield and emerging market debt, the corresponding limit is 5 percent.

Each campus foundation may have its own individual investment policy designed to limit exposure to a concentration of credit risk. Securities issued or explicitly guaranteed by the U.S. government, mutual funds, external investment pools, other investment pools or investments that are invested by the University for the foundations are not subject to concentration of credit risk. Most of the foundations that hold other types of investments have policies to limit the exposure to an individual issuer.

The University's SAIF deposit represented 4.9 percent of investments in 2012. Investments in issuers other than U.S. government guaranteed securities and SAIF that represent 5 percent or more of investments held at June 30, 2013 and 2012 are as follows:

| <i>(in thousands of dollars)</i> | | | |
|---------------------------------------|--------------------------|-------------|---|
| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM |
| | 2013 | 2012 | 2013 2012 |
| Federal National Mortgage Association | | \$1,047,825 | \$3,019,854 \$3,177,880 |

Interest Rate Risk

Interest rate risk is the risk that the value of fixed-income securities will decline because of changing interest rates. The prices of fixed-income securities with a longer time to maturity, measured by effective duration, tend to be more sensitive to changes in interest rates and, therefore, more volatile than those with shorter durations. Effective duration is the approximate change in price of a security resulting from a 100 basis point (1 percentage point) change in the level of interest rates. It is not a measure of time.

Interest rate risk for STIP is managed by constraining the maturity of all individual securities to be less than five and one-half years. There is no restriction on weighted average maturity of the portfolio as it is managed relative to the liquidity demands of the investors. The nature and maturity of individual securities in STIP allow for the use of weighted average maturity as an effective risk management tool, rather than the more complex measure, effective duration.

Portfolio guidelines for the fixed-income portion of TRIP limit weighted average effective duration to the effective duration of the benchmarks (Barclays Capital Aggregate Credit Index, Barclays Capital Aggregate Securitized Index, the Merrill Lynch High-Yield Cash Pay Index and Barclays Capital Aggregate Government Index), plus or minus 10 percent. Similarly, portfolio guidelines for the fixed-income portion of UCRS and GEP limit weighted average effective duration to the effective duration of their benchmarks (Citigroup Large Pension Fund Index and Lehman Aggregate Index), plus or minus 20 percent. These portfolio guidelines constrain the potential price movement due to interest rate changes of the portfolio to be similar to that of the benchmark. There are similar restrictions for the high-yield and emerging market debt portfolios relative to their benchmarks.

The effective durations for fixed or variable-income securities at June 30, 2013 and 2012 are as follows:

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|--|--------------------------|------|--|------|---|------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| <i>Fixed- or variable-income securities:</i> | | | | | | |
| U.S. government guaranteed: | | | | | | |
| U.S. Treasury bills, notes and bonds | 0.8 | 1.3 | 1.6 | 2.6 | 6.3 | 1.7 |
| U.S. Treasury strips | 9.5 | 8.4 | | | 1.4 | 8.7 |
| U.S. TIPS | 7.0 | 4.0 | | | 8.9 | 4.7 |
| U.S. government-backed securities | | | 3.2 | 3.4 | 4.8 | 5.2 |
| U.S. government-backed–asset-backed securities | | | 7.1 | 22.6 | | |
| Other U.S. dollar denominated: | | | | | | |
| Corporate bonds | 3.7 | 3.6 | 4.5 | 3.6 | 5.7 | 5.8 |
| Commercial paper | 0.0 | 0.1 | | | | |
| U.S. agencies | 2.9 | 2.0 | 5.0 | 3.8 | 3.6 | 2.6 |
| U.S. agencies–asset-backed securities | 4.5 | 4.0 | 4.2 | 1.5 | 4.4 | 3.8 |
| Corporate–asset-backed securities | 2.1 | 4.6 | 0.0 | 0.6 | 2.5 | 3.7 |
| Supranational/foreign | 4.1 | 4.4 | 0.8 | 1.5 | 6.2 | 6.4 |
| Other | 16.6 | 14.4 | 4.5 | 4.3 | 15.8 | 14.5 |
| Foreign currency denominated: | | | | | | |
| Corporate | 2.9 | 2.1 | | | 3.0 | 2.1 |
| <i>Commingled funds:</i> | | | | | | |
| U.S. bond funds* | 4.9 | 5.0 | 4.4 | 4.9 | 5.2 | 5.2 |
| Non-U.S. bond funds | 4.5 | | 5.2 | 5.0 | 4.5 | |
| Money market funds** | 0.0 | 0.0 | 2.6 | 1.8 | 2.6 | 1.5 |
| Investment derivatives | 1.8 | 2.7 | | | 9.5 | |
| State of California deposit agreement | | 0.3 | | | | |
| Insurance contracts | | | | | 0.0 | 0.0 |

* University considers the modified durations for commingled funds

** Foundation and UCRS investment in STIP

The University considers the effective durations for commercial paper, mortgage loans, insurance contracts and money market funds to be zero. The terms of the mortgage loans include variable interest rates. Insurance contracts can be liquidated without loss of principal and money market funds consist of underlying securities that are of a short-term, liquid nature.

Investments may also include various mortgage-backed securities, collateralized mortgage obligations, structured notes, variable-rate securities and callable bonds that may be considered to be highly sensitive to changes in interest rates due to the existence of prepayment or conversion features, although the effective durations of these securities may be low.

At June 30, 2013 and 2012, the fair values of such investments are as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|-------------------------------------|--------------------------|--------------------|--|------------------|---|--------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| Mortgage-backed securities | \$ 334,374 | \$ 287,416 | \$56,375 | \$ 71,999 | \$2,590,106 | \$2,521,787 |
| Collateralized mortgage obligations | 70,482 | 31,300 | 27,905 | 15,013 | 294,273 | 375,655 |
| Other asset-backed securities | 23,663 | | 9,168 | 16,043 | 230,056 | 47,940 |
| Structured notes | 131 | 219 | | | 769 | 1,622 |
| Variable-rate securities | 7,196 | 124,876 | | | 34,447 | 124,660 |
| Callable bonds | 1,915,506 | 1,461,061 | 551 | 793 | 3,248,990 | 2,802,075 |
| Convertible bonds | 349 | 663 | | | 2,475 | 4,439 |
| Total | \$2,351,701 | \$1,905,535 | \$93,999 | \$103,848 | \$6,401,116 | \$5,878,178 |

Mortgage-Backed Securities. These securities are issued primarily by Fannie Mae, Ginnie Mae and Freddie Mac, and various commercial entities and include short embedded prepayment options. Unanticipated prepayments by the obligees of the underlying asset reduce the total expected rate of return.

Collateralized Mortgage Obligations. Collateralized mortgage obligations (CMOs) generate a return based upon either the payment of interest or principal on mortgages in an underlying pool. The relationship between interest rates and prepayments makes the fair value highly sensitive to changes in interest rates. In falling interest rate environments, the underlying mortgages are subject to a higher propensity of prepayments. In rising interest rate environments, the opposite is true.

Other Asset-Backed Securities. Other asset-backed securities also generate a return based upon either the payment of interest or principal on obligations in an underlying pool, generally associated with auto loans or credit cards. As with CMOs, the relationship between interest rates and prepayments makes the fair value highly sensitive to changes in interest rates.

Variable-Rate Securities. These securities are investments with terms that provide for the adjustment of their interest rates on set dates and are expected to have fair values that will be relatively unaffected by interest rate changes. Variable-rate securities may have limits on how high or low the interest rate may change. These constraints may affect the market value of the security.

Callable Bonds. Although bonds are issued with clearly defined maturities, an issuer may be able to redeem, or call, a bond earlier than its maturity date. The University must then replace the called bond with a bond that may have a lower yield than the original. The call feature causes the fair value to be highly sensitive to changes in interest rates.

At June 30, 2013 and 2012, the effective durations for these securities are as follows:

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|-------------------------------------|--------------------------|------|--|------|---|------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| Mortgage-backed securities | 4.1 | 4.2 | 1.3 | 1.4 | 4.2 | 4.0 |
| Collateralized mortgage obligations | 4.0 | 2.4 | 0.5 | 0.5 | 2.9 | 2.3 |
| Other asset-backed securities | 1.2 | | 1.2 | 1.2 | 0.8 | 1.0 |
| Structured notes | 4.8 | 1.0 | | | 4.8 | 1.0 |
| Variable-rate securities | 2.3 | 3.2 | | | 3.7 | 5.5 |
| Callable bonds | 4.6 | 2.9 | 2.3 | 2.3 | 4.4 | 3.1 |
| Convertible bonds | 4.7 | 3.8 | | | 4.7 | 3.7 |

Foreign Currency Risk

The University's strategic asset allocation policy for TRIP, UCRS and GEP includes allocations to non-U.S. equities and non-dollar denominated bonds. The benchmarks for these investments are not hedged; therefore foreign currency risk is an essential part of the investment strategies. Portfolio guidelines for U.S. investment-grade fixed-income securities also allow exposure to non-U.S. dollar denominated bonds up to 10 percent of the total portfolio market value. Exposure to foreign currency risk from these securities is permitted and it may be fully or partially hedged using forward foreign currency exchange contracts. Under the University's investment policies, such instruments are not permitted for speculative use or to create leverage. Similar limits on foreign exchange exposure apply to the high-yield debt and emerging market debt portfolios (10 percent and 20 percent, respectively).

At June 30, 2013 and 2012, the foreign currency risk expressed in U.S. dollars, organized by currency denomination and investment type, is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|---|--------------------------|--------------------|--|------------------|---|---------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| <i>Equity securities:</i> | | | | | | |
| Euro | \$ 393,779 | \$ 381,317 | \$ 21 | \$ 369 | \$ 1,968,329 | \$ 1,977,615 |
| British pound | 283,899 | 317,006 | 1,701 | 2,879 | 1,442,397 | 1,643,976 |
| Japanese yen | 302,726 | 305,130 | | 130 | 1,508,864 | 1,583,116 |
| Canadian dollar | 108,627 | 147,304 | 469 | 781 | 499,835 | 764,893 |
| Swiss franc | 134,236 | 119,003 | 3,683 | 2,862 | 676,201 | 617,370 |
| Australian dollar | 90,721 | 117,138 | | 109 | 442,925 | 608,258 |
| Hong Kong dollar | 59,945 | 48,875 | | | 309,848 | 253,353 |
| Swedish krona | 41,548 | 40,787 | | | 202,064 | 211,190 |
| Singapore dollar | 27,671 | 28,469 | | | 140,464 | 147,852 |
| Danish krone | 16,091 | 16,895 | | | 79,732 | 87,620 |
| Norwegian krone | 13,656 | 16,322 | | | 72,157 | 84,382 |
| Other | 42,837 | 27,764 | 932 | 561 | 227,329 | 143,475 |
| Subtotal | 1,515,736 | 1,566,010 | 6,806 | 7,691 | 7,570,145 | 8,123,100 |
| <i>Fixed-income securities:</i> | | | | | | |
| Brazilian real | 4,718 | 4,027 | | | 29,659 | 23,740 |
| Mexican peso | 4,638 | 4,378 | | | 29,158 | 25,814 |
| Malaysian ringgit | 3,573 | 3,835 | | | 22,464 | 22,611 |
| Euro | 2,275 | 1,695 | | | 17,115 | 11,174 |
| South African rand | 3,980 | 4,038 | | | 25,023 | 23,804 |
| Indonesian rupiah | 3,209 | 2,528 | | | 20,175 | 14,903 |
| Polish zloty | 3,450 | 3,573 | | | 21,688 | 21,064 |
| Turkish lira | 3,911 | 3,752 | | | 24,585 | 22,121 |
| New Russian ruble | 3,703 | 2,152 | | | 23,282 | 12,690 |
| Other | 5,742 | 3,580 | | | 36,761 | 21,238 |
| Subtotal | 39,199 | 33,558 | | | 249,910 | 199,159 |
| <i>Commingled funds (various currency denominations):</i> | | | | | | |
| Non-U.S. equity funds | 758,837 | 498,040 | 408,371 | 563,585 | 4,833,255 | 3,491,197 |
| Balanced funds | | | 175,514 | 154,561 | | |
| U.S. bond funds | | | 7,250 | 13,751 | | |
| Non-U.S. bond funds | 19,564 | 18,683 | 38,411 | 49,817 | 110,860 | 105,870 |
| Real estate investment trusts | | | 10,200 | 9,890 | | |
| Absolute Return funds | | | 37,203 | 11,275 | | |
| Subtotal | 778,401 | 516,723 | 676,949 | 802,879 | 4,944,115 | 3,597,067 |
| <i>Investment derivatives:</i> | | | | | | |
| Australian dollar | 1,246 | (1,502) | | | 1,321 | (1,016) |
| Canadian dollar | 582 | (644) | | | 743 | 37 |
| British pound | 1,573 | (733) | | | (51) | 1,080 |
| Japanese yen | 3,146 | 309 | | | 1,678 | 617 |
| Euro | 537 | (1,937) | | | 2,397 | 3,183 |
| Other | 460 | (1,205) | | | 103 | 1,197 |
| Subtotal | 7,544 | (5,712) | | | 6,191 | 5,098 |
| <i>Private equity:</i> | | | | | | |
| Euro | 18,695 | 13,832 | 8,053 | 6,839 | 103,534 | 76,190 |
| Other | 3,939 | 2,237 | 4,601 | 7,547 | 21,208 | 11,786 |
| <i>Real estate:</i> | | | | | | |
| Hong Kong dollar | 2,457 | 1,575 | | | 12,966 | 7,353 |
| Australian dollar | 1,021 | 1,141 | | | 5,388 | 5,324 |
| Japanese yen | 1,892 | 1,106 | | | 9,985 | 5,163 |
| Euro | 996 | 883 | | | 5,257 | 4,120 |
| British pound | 659 | 717 | | | 3,476 | 3,346 |
| Singapore dollar | 478 | 827 | | | 2,530 | 3,859 |
| Other | 3,328 | 1,619 | | | 17,562 | 7,554 |
| Subtotal | 33,465 | 23,937 | 12,654 | 14,386 | 181,906 | 124,695 |
| Total exposure to foreign currency risk | \$2,374,345 | \$2,134,516 | \$696,409 | \$824,956 | \$12,952,267 | \$12,049,119 |

Liquidity Risks

Alternative investments are subject to liquidity risk. Alternative investments include hedge funds, limited partnerships, private equity, venture capital funds, real estate, and real asset funds. Additionally, certain asset-backed securities are thinly traded and subject to liquidity risk.

Alternative investments include ownership interests in a wide variety of vehicles including partnerships and corporations that may be domiciled in the United States or offshore. Generally, there is little or no regulation of these investment vehicles by the Securities and Exchange Commission or the applicable state agencies. Managers of these investments employ a wide variety of strategies and have areas of concentration including absolute return, venture capital or early stage investing, private equity or later stage investing and the underlying investments may be leveraged to enhance the total investment return. Each asset class has guidelines and policies regarding the use of leverage. Such underlying investments may include financial assets such as marketable securities, non-marketable securities, derivatives and other synthetic and structured investments as well as tangible and intangible assets.

Alternative investments do not have a ready market and ownership interests in these investment vehicles may not be traded without the approval of the general partner or fund management. These investments are subject to the risks generally associated with equities and fixed-income instruments with additional risks due to leverage and the lack of a ready market for acquisition or disposition of ownership interests.

The University's portfolio includes the following investments subject to liquidity risk as of June 30, 2013 and 2012:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|---------------------------------------|--------------------------|--------------------|--|--------------------|---|--------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| Absolute return funds | \$1,835,962 | \$1,701,748 | \$1,321,812 | \$ 838,215 | \$ 3,020,581 | \$ 3,013,658 |
| Private equity funds | 710,107 | 654,164 | 439,509 | 459,421 | 3,869,830 | 3,582,591 |
| Real estate funds | 564,127 | 466,055 | 124,206 | 133,979 | 2,411,286 | 2,260,458 |
| Real assets funds | 154,158 | 116,732 | | | 873,505 | 532,659 |
| Corporate-asset-backed securities | | | 38,176 | 31,299 | | |
| State of California deposit agreement | | 1,000,000 | | | | |
| Total | \$3,264,354 | \$3,938,699 | \$1,923,703 | \$1,462,914 | \$10,175,202 | \$9,389,366 |

The University's Investment Pools

The composition of the University's investments at June 30, 2013, by investment pool, is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | | | |
|---|--------------------------|--------------------|--------------------|------------------|---------------------|
| | STIP | TRIP | GEP | OTHER | TOTAL |
| <i>Equity securities:</i> | | | | | |
| Domestic | | \$ 595,969 | \$ 665,409 | \$ 81,488 | \$ 1,342,866 |
| Foreign | | 678,008 | 811,555 | 26,173 | 1,515,736 |
| <i>Fixed- or variable-income securities:</i> | | | | | |
| U.S. government guaranteed | \$ 381,633 | 127,674 | 217,206 | 6,378 | 732,891 |
| Other U.S. dollar denominated | 8,799,843 | 2,610,739 | 535,032 | 24,566 | 11,970,180 |
| Foreign currency denominated | | | 39,199 | | 39,199 |
| Commingled funds | 25,311 | 548,672 | 3,525,687 | 80,667 | 4,180,337 |
| Investment derivatives | | 6,205 | 4,913 | (21,722) | (10,604) |
| State of California deposit agreement | | | | | |
| Private equity | | | 687,583 | 22,524 | 710,107 |
| Mortgage loans | 161,054 | | | | 161,054 |
| Real assets | | | 154,158 | | 154,158 |
| Real estate | | | 536,472 | 27,655 | 564,127 |
| Other investments | | | | 12,012 | 12,012 |
| Subtotal | 9,367,841 | 4,567,267 | 7,177,214 | 259,741 | 21,372,063 |
| Campus foundations' investments with the University | (579,524) | | (517,648) | (143,078) | (1,240,250) |
| UCRS investment in STIP | (1,189,805) | | | | (1,189,805) |
| Total investments | \$7,598,512 | \$4,567,267 | \$6,659,566 | \$116,663 | \$18,942,008 |

The total investment return based upon unit values, representing the combined income plus net appreciation or depreciation in the fair value of investments, for the year ended June 30, 2013, was 8.3 percent for TRIP, 12.0 percent for GEP and 11.0 percent for UCRS. The investment return for STIP distributed to participants, representing combined income and realized gains or losses, during the same period, was 2.1 percent. Other investments consist of numerous, small portfolios of investments or individual securities, each with its individual rate of return.

Related Party Relationships with the University

UCRS and campus foundations may invest available cash in STIP. Shares are purchased or redeemed in STIP at a constant value of \$1 per share. Actual income earned, including any realized gains or losses on the sale of STIP investments, is allocated to UCRS and campus foundations based upon the number of shares held. Unrealized gains and losses associated with the fluctuation in the fair value of investments included in STIP are recorded by the University as the manager of the pool. The net asset value for STIP is held at a constant value of \$1 and is not adjusted for unrealized gains and losses associated with the fluctuation in the fair value of investments included in STIP.

The campus foundations may purchase or redeem shares in GEP or other investment pools at the unitized value of the portfolio at the time of purchase or redemption. Actual income earned is allocated to the campus foundations based upon the number of shares held.

UCRS

UCRS had \$1.2 billion and \$966.8 million invested in STIP at June 30, 2013 and 2012, respectively. These investments are excluded from the University's statement of net position and are included in UCRS' statement of plans' fiduciary net position. They are categorized as commingled money market funds in the composition of investments for UCRS. STIP investment income in the University's statement of revenues, expenses and changes in net position is net of income earned by, and distributed to, UCRS totaling \$20.9 million and \$21.3 million for the years ended June 30, 2013 and 2012, respectively.

Campus Foundations

The campus foundations' cash and cash equivalents and investments that are invested with the University and managed by the Chief Investment Officer are excluded from the University's statement of net position and included in the campus foundations' statement of net position. Under the accounting policies elected by each separate foundation, certain foundations classify all or a portion of their investment in STIP as cash and cash equivalents, rather than investments. Substantially all of the campus foundations' investments managed by the Chief Investment Officer are categorized as commingled funds or commingled money market funds by the campus foundations in the composition of investments.

The fair value of the campus foundations' cash and cash equivalents and investments that are invested with the University, by investment pool at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | 2013 | 2012 |
|---|--------------------|--------------------|
| STIP | \$ 579,524 | \$ 465,470 |
| GEP | 517,648 | 470,033 |
| Other investment pools | 143,078 | 124,415 |
| Campus foundations' investments with the University | 1,240,250 | 1,059,918 |
| Classified as cash and cash equivalents by campus foundations | (32,271) | (31,857) |
| Classified as investments by campus foundations | \$1,207,979 | \$1,028,061 |

Endowment investment income in the University's statement of revenues, expenses and changes in net position is net of income earned by, and distributed to, the campus foundations totaling \$18.3 million and \$19.4 million for the years ended June 30, 2013 and 2012, respectively.

Agency Relationships with the University

STIP and GEP are external investment pools and include investments on behalf of external organizations that are associated with the University, although not financially accountable to the University. These organizations are not required to invest in these pools. Participants purchase or redeem shares in STIP at a constant value of \$1 per share and purchase or redeem shares in GEP at the unitized value of the portfolio at the time of purchase or redemption. Actual income earned is allocated to participants based upon the number of shares held.

The fair value of these investments in each investment pool and the related liability associated with these organizations that are included in the University's statement of net position at June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | 2013 | 2012 |
|--------------------------------|------------------|------------------|
| <i>Short-term investments:</i> | | |
| STIP | \$ 95,468 | \$ 86,088 |
| GEP | 177,094 | 161,616 |
| Other investment pools | 16,175 | 15,280 |
| Total agency assets | \$288,737 | \$262,984 |
| Funds held for others | \$288,737 | \$262,984 |

The composition of the net position at June 30, 2013 and 2012 for STIP and GEP is as follows:

(in thousands of dollars)

| | STIP | | GEP | |
|---------------------------------|---------------------|--------------------|--------------------|--------------------|
| | 2013 | 2012 | 2013 | 2012 |
| Investments | \$ 9,367,841 | \$ 8,584,552 | \$7,177,214 | \$6,555,018 |
| Investment of cash collateral | 465,980 | 316,259 | 450,669 | 546,983 |
| Securities lending collateral | (465,951) | (316,143) | (450,640) | (546,782) |
| Other assets (liabilities), net | 1,240,157 | 1,209,493 | (177,950) | (154,955) |
| Net position | \$10,608,027 | \$9,794,161 | \$6,999,293 | \$6,400,264 |

Other assets include amounts receivable for pension benefits from the campuses of \$1.1 billion in 2013 and 2012.

The changes in net position for STIP and GEP for the years ending June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | STIP | | GEP | |
|--|---------------------|---------------------|--------------------|--------------------|
| | 2013 | 2012 | 2013 | 2012 |
| Net position, beginning of year | \$ 9,794,161 | \$10,673,286 | \$6,400,264 | \$6,647,125 |
| Investment income | 203,245 | 239,260 | 89,228 | 106,019 |
| Net appreciation (depreciation) in fair value of investments | (105,275) | (19,574) | 683,182 | (143,769) |
| Transfer to TRIP | (4,000) | (1,158,000) | | |
| Participant contributions (withdrawals), net | 719,896 | 59,189 | (173,381) | (209,111) |
| Net position, end of year | \$10,608,027 | \$ 9,794,161 | \$6,999,293 | \$6,400,264 |

3. SECURITIES LENDING

The University and UCRS jointly participate in a securities lending program as a means to augment income. The campus foundations' investments that are invested with the University and managed by the Chief Investment Officer are included in the University's investment pools that participate in the securities lending program.

The campus foundations' allocated share of the program's cash collateral received, investment of cash collateral and collateral held for securities lending is determined based upon their equity in the investment pools. The Board of Trustees for each campus foundation may also authorize participation in a direct securities lending program.

Securities are lent to selected brokerage firms for which collateral received equals or exceeds the fair value of such investments lent during the period of the loan. Securities loans immediately terminate upon notice by either the University or the borrower. Collateral may be cash or securities issued by the U.S. government or its agencies, or the sovereign or provincial debt of foreign countries. Securities collateral cannot be pledged or sold by the University unless the borrower defaults.

Loans of domestic equities and all fixed-income securities are initially collateralized at 102 percent of the fair value of securities lent. Loans of foreign equities are initially collateralized at 105 percent. All borrowers are required to provide additional collateral by the next business day if the value of the collateral falls to less than 100 percent of the fair value of securities lent.

Cash collateral received from the borrower is invested by lending agents, as agents for the University, in investment pools in the name of the University, with guidelines approved by the University. These investments are shown as investment of cash collateral in the statement of net position. At June 30, 2013 and 2012, the securities in these pools had a weighted average maturity of 44 days and 26 days, respectively. The University records a liability for the return of the cash collateral shown as collateral held for securities lending in the statement of net position. Securities collateral received from the borrower is held in investment pools by the University's custodial bank.

At June 30, 2013, the University had insignificant exposure to borrowers because the amounts the University owed the borrowers were substantially the same as the amounts the borrowers owed the University. The University is indemnified by its lending agents against any losses incurred as a result of borrower default.

The composition of the securities lending programs at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|---------------------------------------|--------------------------|--------------------|--|------------------|---|---------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| SECURITIES LENT | | | | | | |
| <i>For cash collateral:</i> | | | | | | |
| Equity securities: | | | | | | |
| Domestic | \$ 348,684 | \$ 505,311 | | \$ 2,873 | \$ 2,194,111 | \$ 3,201,270 |
| Foreign | 92,870 | 114,280 | | | 473,683 | 589,520 |
| Fixed-income securities: | | | | | | |
| U.S. government guaranteed | 101,914 | 112,855 | | | 1,697,268 | 2,494,838 |
| Other U.S. dollar denominated | 889,631 | 936,288 | | | 2,006,463 | 1,167,566 |
| Campus foundations' share | (66,189) | (62,178) | \$66,189 | 62,178 | | |
| Lent for cash collateral | 1,366,910 | 1,606,556 | 66,189 | 65,051 | 6,371,525 | 7,453,194 |
| <i>For securities collateral:</i> | | | | | | |
| Equity securities: | | | | | | |
| Domestic | 122,743 | 33,462 | | | 793,504 | 238,015 |
| Foreign | 187,998 | 242,726 | | | 965,045 | 1,256,606 |
| Fixed-income securities: | | | | | | |
| U.S. government guaranteed | 66,624 | 5,392 | | | 3,444,721 | 948,138 |
| Other U.S. dollar denominated | 851 | 4,570 | | | 2,259 | 3,092 |
| Lent for securities collateral | 378,216 | 286,150 | | | 5,205,529 | 2,445,851 |
| Total securities lent | \$1,745,126 | \$1,892,706 | \$66,189 | \$ 65,051 | \$11,577,054 | \$ 9,899,045 |
| COLLATERAL RECEIVED | | | | | | |
| Cash | \$1,468,772 | \$1,692,732 | | \$ 2,945 | \$ 6,539,714 | \$ 7,542,665 |
| Campus foundations' share | (66,189) | (62,178) | \$66,189 | 62,178 | | |
| Total cash collateral received | 1,402,583 | 1,630,554 | 66,189 | 65,123 | 6,539,714 | 7,542,665 |
| Securities | 410,844 | 310,269 | | | 5,654,600 | 2,652,016 |
| Total collateral received | \$1,813,427 | \$1,940,823 | \$66,189 | \$ 65,123 | \$12,194,314 | \$10,194,681 |
| INVESTMENT OF CASH COLLATERAL | | | | | | |
| <i>Fixed-income securities:</i> | | | | | | |
| Other U.S. dollar denominated: | | | | | | |
| Corporate bonds | \$ 101,855 | \$ 120,005 | | | \$ 453,510 | \$ 534,734 |
| Commercial paper | 76,687 | 18,116 | | | 341,449 | 80,722 |
| Repurchase agreements | 636,405 | 889,171 | | \$ 2,945 | 2,833,593 | 3,962,069 |
| Corporate-asset-backed securities | 254,484 | 282,589 | | | 1,133,092 | 1,259,192 |
| Certificates of deposit/time deposits | 36,681 | 296,053 | | | 163,324 | 1,319,184 |
| Supranational/foreign | 363,335 | 108,411 | | | 1,617,749 | 483,070 |
| Other assets (liabilities), net* | (582) | (20,991) | | | (2,589) | (93,533) |
| Campus foundations' share | (66,189) | (62,178) | 66,189 | 62,178 | | |
| Investment of cash collateral | 1,402,676 | 1,631,176 | 66,189 | 65,123 | \$ 6,540,128 | \$ 7,545,438 |
| Less: Current portion | (1,016,225) | (1,388,262) | (47,953) | (55,863) | | |
| Noncurrent portion | \$ 386,451 | \$ 242,914 | \$18,236 | \$ 9,260 | | |

* Other assets (liabilities), net is comprised of pending settlements of cash collateral investments.

The University earns interest and dividends on the collateral held during the loan period, as well as a fee from the brokerage firm, and is obligated to pay a fee and rebate to the borrower. The University receives the net investment income. The securities lending income and fees and rebates for the years ended June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|--|--------------------------|-----------------|--|--------------|---|-----------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| Securities lending income | \$ 11,312 | \$12,768 | \$618 | \$881 | \$55,401 | \$64,352 |
| Securities lending fees and rebates | (2,544) | (2,400) | (140) | (200) | (12,463) | (12,093) |
| Securities lending investment income, net | \$ 8,768 | \$10,368 | \$478 | \$681 | \$42,938 | \$52,259 |

Investment Risk Factors

There are a variety of potential risk factors involved in a securities lending program. Risks associated with the investment of cash collateral may include the credit risk from fixed-income securities, concentration of credit risk, interest rate risk and foreign currency risk. In addition, there may be custodial credit risk associated with both cash and securities received as collateral for securities lent.

The University's and UCRS' investment policies and other information related to each of these risks are summarized below. Campus foundations that participate in a securities lending program may have their own individual investment policies designed to limit the same risks.

Credit Risk

The University's and UCRS' investment policies for the investment of cash collateral maintained in separately-managed collateral pools restrict the credit rating of issuers to no less than A-1, P-1 or F-1 for short-term securities and no less than A2/A for long-term securities. Asset-backed securities must have a rating of AAA.

The credit risk profile for fixed- or variable-income securities associated with the investment of cash collateral at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|--|--------------------------|------------|--|----------|---|-------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| <i>Fixed- or variable-income securities:</i> | | | | | | |
| Other U.S. dollar denominated: | | | | | | |
| AAA | \$ 274,168 | \$ 271,846 | | | \$1,220,733 | \$1,211,320 |
| AA+ | 45,932 | 79,090 | | | 204,514 | 352,419 |
| AA | | | | | | |
| AA- | 137,605 | 135,902 | | | 612,688 | 605,565 |
| A+ | 18,335 | 40,915 | | | 81,638 | 182,315 |
| A | 14,675 | | | | 65,340 | |
| A-1 / P-1 / F-1 | 978,732 | 1,186,592 | | | 4,357,807 | 5,287,352 |
| Not rated | | | | \$ 2,945 | | |
| Other assets (liabilities), net* : Not rated | (582) | (20,991) | | | (2,590) | (93,533) |
| Campus foundations' share | (66,189) | (62,178) | 66,189 | 62,178 | | |

* Other assets (liabilities), net is comprised of pending settlements of cash collateral investments.

Custodial Credit Risk

Cash collateral received for securities lent is invested in pools by the University's lending agents. The University and UCRS securities related to the investment of cash collateral are registered in the University's name by the lending agents. Securities collateral received for securities lent are held in investment pools by the University's lending agents. As a result, custodial credit risk is remote.

Concentration of Credit Risk

The University's and UCRS' investment policy with respect to the concentration of credit risk associated with the investment of cash collateral in the separately managed collateral pools restricts investments in any single issuer of corporate debt securities, time deposits, certificates of deposit, bankers acceptances and money market funds to no more than 5 percent of the portfolio value at the time of purchase. Campus foundations that directly participate in a securities lending program do not have specific investment policies related to concentration of credit risk, although the lending agreements with the agents establish restrictions for the type of investments and minimum credit ratings.

Investments in issuers other than U.S. government guaranteed securities that represent 5 percent or more of the total investment of cash collateral held by individual foundations at June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | |
|------------------------|--|-------|
| | 2013 | 2012 |
| HSBC | | \$700 |
| Merrill D (Agency MBS) | | 700 |
| Citibank | | 699 |
| Mizuho D (Agency MBS) | | 699 |
| UBS D (Agency MBS) | | 147 |

Interest Rate Risk

The nature of individual securities in the collateral pools allows for the use of weighted average maturity as an effective risk management measure. The University's and UCRS' investment policy with respect to the interest rate risk associated with the investment of cash collateral in the separately-managed collateral pools requires the weighted average maturity of the entire collateral pool to be less than 120 days. The maturity of securities issued by the U.S. government and asset-backed securities must be less than five years, corporate debt obligations must be less than two years and time deposits must be less than 190 days. Floating rate debt may be used, but it is limited to 65 percent of the market value of the portfolio.

The weighted average maturity expressed in days for fixed- or variable-income securities associated with the investment of cash collateral at June 30, 2013 and 2012 is as follows:

(in days)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|--|--------------------------|------|--|------|---|------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| <i>Fixed- or variable-income securities:</i> | | | | | | |
| Other U.S. dollar denominated: | | | | | | |
| Corporate bonds | 34 | 48 | | | 34 | 48 |
| Commercial paper | 24 | 28 | | | 24 | 28 |
| Repurchase agreements | 69 | 14 | | 3 | 69 | 14 |
| U.S. agencies | | | | | | |
| Corporate-asset-backed securities | 17 | 23 | | | 17 | 23 |
| Certificates of deposit/time deposits | 101 | 45 | | | 101 | 45 |
| Supranational/foreign | 23 | 53 | | | 23 | 53 |

Investment of cash collateral may include various asset-backed securities, structured notes and variable-rate securities that may be considered to be highly sensitive to changes in interest rates due to the existence of prepayment or conversion features, although the weighted average maturity may be short.

At June 30, 2013 and 2012, the fair value of investments that are considered to be highly sensitive to changes in interest rates is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM | |
|-------------------------------|--------------------------|------------------|--|-----------------|---|--------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| Other asset-backed securities | \$254,484 | \$282,589 | | | \$1,133,093 | \$1,259,192 |
| Variable-rate investments | 101,855 | 120,006 | | | 453,510 | 534,734 |
| Campus foundations' share | (25,731) | (28,998) | \$25,731 | \$28,998 | | |
| Total | \$330,608 | \$373,597 | \$25,731 | \$28,998 | \$1,586,603 | \$1,793,926 |

At June 30, 2013 and 2012, the weighted average maturity expressed in days for asset-backed securities was 17 days and for variable-rate investments was 34 days and 48 days, respectively.

Foreign Currency Risk

The University's and UCRS' investment policy with respect to the foreign currency risk associated with the investment of cash collateral maintained in separate collateral pools restricts investments to U.S. dollar-denominated securities. Therefore, there is no foreign currency risk.

4. DERIVATIVE FINANCIAL INSTRUMENTS

The University may use derivatives including futures, forward contracts, options and interest rate swap contracts as a substitute for investment in equity and fixed-income securities, to reduce the effect of fluctuating foreign currencies on foreign currency-denominated investments, or to limit its exposure of variable-rate bonds to changes in market interest rates. The Board of Trustees for each campus foundation may also authorize derivatives in its investment policy.

The University enters into futures contracts for the purpose of acting as a substitute for investment in equity and fixed-income securities. A futures contract is an agreement between two parties to buy and sell a security or financial index, interest rate or foreign currency at a set price on a future date. They are standardized contracts that can be easily bought and sold and are exchange-traded. Upon entering into such a contract, the University is required to pledge to the broker an amount of cash or securities equal to the minimum initial margin requirements of the exchange on which the contract is traded. Pursuant to the contract, the University agrees to receive from, or pay to, the counterparty an amount of cash equal to the daily fluctuation in the value of the contract. These contracts are settled on a daily basis, with the resulting realized gain or loss included in the statement of revenues, expenses and changes in net position. The settlement amount at the end of each day for each of the contracts, or variation margin, is included in investments and represents the fair value of the contracts.

Forward contracts are similar to futures contracts, although they are not exchange-traded. Foreign currency exchange contracts are forward contracts used to hedge against foreign currency exchange rate risks on non-U.S. dollar-denominated investment securities and to increase or decrease exposure to various foreign currencies.

An option contract gives the University the right, but not the obligation, to buy or sell a specified security or index at a fixed price during a specified period for a nonrefundable fee (the "premium"). The maximum loss to the University is limited to the premium originally paid for covered options. The University initially records premiums paid for the purchase of these options in the statement of net position as an investment which is subsequently adjusted to reflect the fair value of the options, with unrealized gains and losses included in the statement of revenues, expenses and changes in net position.

Rights and warrants provide the holder with the right, but not the obligation, to buy a stock at a predetermined price for a finite period of time. Warrants usually have a longer time period to expiration. The holder of a right or warrant is permitted to buy at a price that may be below the actual market price for that stock. Warrants and rights cease to exist and become worthless if not used by their expiration date.

A swap is a contractual agreement entered into between the University and a counterparty under which each agrees to exchange periodic fixed or variable payments for an agreed period of time based upon a notional amount of principal or value of the underlying contract. The payments correspond to an equity index, an interest rate or to currency. The University considers its futures, forward contracts, options, rights, warrants and certain interest rate swaps to be investment derivatives.

As a means to lower the University's borrowing costs, when compared against fixed-rate bonds at the time of issuance, the University entered into interest rate swap agreements in connection with certain of its variable-rate Medical Center Pooled Revenue Bonds. The University has determined that certain of its interest rate swaps are derivative instruments that meet the criteria for an effective hedge. Certain of the interest rate swaps are considered hybrid instruments since, at the time of execution, the fixed rate on each of the swaps was off-market and the University received an up-front payment. As such, these swaps are comprised of a derivative instrument, an at-the-market swap that is an effective hedge, and a companion instrument, a borrowing represented by the up-front payment. The unamortized amount of the borrowing under the companion instrument was \$29.0 million and \$29.6 million at June 30, 2013 and 2012, respectively. In August 2011, the University retired \$25.8 million of variable-rate Medical Center Pooled Revenue Bonds and discontinued hedge accounting for the related interest rate swaps which are classified for fiscal year ended June 30, 2012, as investment derivatives. The related interest rate swap's notional value was \$50.0 million. The University recognized \$26.1 million on the statement of revenues, expenses and changes in net position as a decrease upon hedge termination for fiscal year ended June 30, 2012.

The fair value balances and notional amounts of derivative instruments outstanding at June 30, 2013 and 2012, categorized by type, and the changes in fair value of such derivatives for the years then ended are as follows:

University of California

(in thousands of dollars)

| CATEGORY | NOTIONAL AMOUNT | | FAIR VALUE-POSITIVE (NEGATIVE) | | | CHANGES IN FAIR VALUE | | |
|--|-----------------|-----------|--------------------------------|--------------------|--------------------|---------------------------------|------------------|-----------------|
| | 2013 | 2012 | CLASSIFICATION | 2013 | 2012 | CLASSIFICATION | 2013 | 2012 |
| INVESTMENT DERIVATIVES | | | | | | | | |
| <i>Futures contracts:</i> | | | | | | | | |
| Domestic equity futures: | | | | | | | | |
| Long positions | 603,484 | 371,221 | Investments | \$ (2,470) | \$ 9,524 | Net appreciation (depreciation) | \$ (7,460) | \$12,294 |
| Short positions | (1,200) | (2,578) | Investments | 6 | (62) | Net appreciation (depreciation) | 69 | (60) |
| Foreign equity futures: | | | | | | | | |
| Long positions | 52,193 | 43,766 | Investments | 493 | 877 | Net appreciation (depreciation) | 97,622 | 11,639 |
| Short positions | | (6,252) | Investments | | (57) | Net appreciation (depreciation) | (181) | 729 |
| Futures contracts, net | | | | (1,971) | 10,282 | | 90,050 | 24,602 |
| <i>Foreign currency exchange contracts, net:</i> | | | | | | | | |
| Long positions | 2,109,761 | 24,541 | Investments | (296) | 270 | Net appreciation (depreciation) | 6,185 | 16,054 |
| Short positions | (16,323,059) | (674,570) | Investments | 6,947 | (6,978) | Net appreciation (depreciation) | 29,183 | 9,779 |
| Futures currency exchange contracts, net | | | | 6,651 | (6,708) | | 35,368 | 25,833 |
| <i>Swaps:</i> | | | | | | | | |
| Fixed interest rate swaps | 550,000 | 1,050,000 | Investments | (21,367) | (32,879) | Net appreciation (depreciation) | 8,968 | (32,803) |
| Total return swaps equity | 7 | 7 | Investments | (79) | (19) | Net appreciation (depreciation) | (19) | 32 |
| Swaps, net | | | | (21,446) | (32,898) | | 8,949 | (32,771) |
| Stock rights/warrants | 609 | 458 | Investments | 5,179 | 2,746 | Net appreciation (depreciation) | 286 | (969) |
| Options/swaptions | 3,781 | 34,778 | Investments | 983 | 294 | Net appreciation (depreciation) | (458) | (2) |
| Total investment derivatives | | | | \$ (10,604) | \$ (26,284) | | \$134,195 | \$16,693 |
| CASH FLOW HEDGES | | | | | | | | |
| <i>Interest rate swaps:</i> | | | | | | | | |
| Pay fixed, receive variable | 204,995 | 207,890 | Other assets (liabilities) | \$ (45,758) | \$(69,495) | Deferred (inflows) outflows | \$ 23,737 | \$(22,404) |

University of California Campus Foundations

(in thousands of dollars)

| CATEGORY | NOTIONAL AMOUNT | | FAIR VALUE-POSITIVE (NEGATIVE) | | | CHANGES IN FAIR VALUE | | |
|-------------------------------|-----------------|---------|--------------------------------|----------------|--------------|---------------------------------|--------------|------------------|
| | 2013 | 2012 | CLASSIFICATION | 2013 | 2012 | CLASSIFICATION | 2013 | 2012 |
| INVESTMENT DERIVATIVES | | | | | | | | |
| <i>Futures contracts:</i> | | | | | | | | |
| Domestic commodity futures: | | | | | | | | |
| Long positions | | 9,208 | Investments | | \$396 | Net appreciation (depreciation) | \$285 | \$(2,991) |
| Short positions | (2,600) | (3,372) | Investments | \$(170) | (118) | Net appreciation (depreciation) | 163 | 142 |
| Futures contracts, net | | | | \$(170) | \$278 | | \$448 | \$(2,849) |

University of California Retirement System

(in thousands of dollars)

| CATEGORY | NOTIONAL AMOUNT | | FAIR VALUE-POSITIVE (NEGATIVE) | | | CHANGES IN FAIR VALUE | | |
|--|-----------------|-----------|--------------------------------|-----------------|-----------------|---------------------------------|------------------|-----------------|
| | 2013 | 2012 | CLASSIFICATION | 2013 | 2012 | CLASSIFICATION | 2013 | 2012 |
| INVESTMENT DERIVATIVES | | | | | | | | |
| <i>Futures contracts:</i> | | | | | | | | |
| Domestic equity futures: | | | | | | | | |
| Long positions | 2,152,412 | 1,070,259 | Investments | \$(8,747) | \$27,258 | Net appreciation (depreciation) | \$(8,820) | \$35,284 |
| Short positions | (6,961) | (17,452) | Investments | 32 | (422) | Net appreciation (depreciation) | 401 | (430) |
| Foreign equity futures: | | | | | | | | |
| Long positions | 270,595 | 255,703 | Investments | 2,170 | 5,352 | Net appreciation (depreciation) | 283,794 | 29,307 |
| Short positions | | (44,444) | Investments | | (436) | Net appreciation (depreciation) | (1,020) | 6,429 |
| Futures contracts, net | | | | (6,545) | 31,752 | | 274,355 | 70,590 |
| <i>Foreign currency exchange contracts, net:</i> | | | | | | | | |
| Long positions | 8,469,835 | 169,471 | Investments | (1,350) | 2,098 | Net appreciation (depreciation) | 9,681 | (26,176) |
| Short positions | (9,152,451) | (189,242) | Investments | 3,096 | (2,886) | Net appreciation (depreciation) | (7,666) | 21,636 |
| Foreign currency exchange contracts, net | | | | 1,746 | (788) | | 2,015 | (4,540) |
| <i>Swaps:</i> | | | | | | | | |
| Fixed interest rate swaps | | | Investments | 2,084 | 1,718 | Net appreciation (depreciation) | 2,224 | 2,182 |
| Total return swaps equity | 37 | 40 | Investments | (440) | (109) | Net appreciation (depreciation) | (28) | 182 |
| Swaps, net | | | | 1,644 | 1,609 | | 2,196 | 2,364 |
| Stock rights/warrants | 3,887 | 2,289 | Investments | 35,310 | 12,679 | Net appreciation (depreciation) | 2,833 | (4,222) |
| Options/swaptions | 22,191 | 211,740 | Investments | 5,769 | 1,786 | | (2,688) | (13) |
| Total investment derivatives | | | | \$37,924 | \$47,038 | | \$278,711 | \$64,179 |

Objectives and Terms of Hedging Derivative Instruments

The objectives and terms of the hedging derivative instruments outstanding at June 30, 2013 and 2012, along with the credit rating of the associated counterparty, are as follows:

(in thousands of dollars)

| in thousands of dollars | | | | | | | | | | |
|--|---|-----------------|---------|----------------|-------------------|-----------------------|---|----------------------------|-------------|-------------|
| TYPE | OBJECTIVE | NOTIONAL AMOUNT | | EFFECTIVE DATE | MATURITY DATE | CASH PAID OR RECEIVED | TERMS | COUNTERPARTY CREDIT RATING | FAIR VALUE | |
| | | 2013 | 2012 | | | | | | 2013 | 2012 |
| UNIVERSITY OF CALIFORNIA | | | | | | | | | | |
| Pay fixed, receive variable interest rate swap | Hedge of changes in cash flows on variable-rate Medical Center Pooled Revenue Bonds | 80,220 | 83,115 | 2007 | 2032 | None | Pay fixed 3.5897%; receive 58% of 1-Month LIBOR* plus 0.48% | Baa2/A- | \$ (11,135) | \$ (16,743) |
| Pay fixed, receive variable interest rate swap | Hedge of changes in cash flows on variable-rate Medical Center Pooled Revenue Bonds | 124,775 | 124,775 | 2008 | 2030 through 2043 | None | Pay fixed 4.6359%; receive 67% of 3-Month LIBOR* plus 0.69%** | A2/A+ | (34,623) | (52,752) |
| | | 204,995 | 207,890 | | | | | | \$ (45,758) | \$ (69,495) |

* London Interbank Offered Rate (LIBOR)

** Weighted average spread

Hedging Derivative Financial Instrument Risk Factors

Credit Risk

The University could be exposed to credit risk if the interest rate swap counterparties to the contracts are unable to meet the terms of the contracts. Contracts with positive fair values are exposed to credit risk. The University faces a maximum possible loss equivalent to the amount of the derivative's fair value, less any collateral held by the University provided by the counterparty. Contracts with negative fair values are not exposed to credit risk.

Although the University has entered into the interest rate swaps with creditworthy financial institutions to hedge its variable-rate debt, there is credit risk for losses in the event of non-performance by counterparties or unfavorable interest rate movements.

There are no collateral requirements related to the interest rate swap with the \$80.2 million notional amount. Depending on the fair value related to the swap with the \$124.8 million notional amount, the University may be entitled to receive collateral from the counterparty to the extent the positive fair value exceeds \$35.0 million, or be obligated to provide collateral to the counterparty if the negative fair value of the swap exceeds \$75.0 million or the cash and investments held by the medical centers fall below \$250.0 million. As of June 30, 2013, there was no collateral required.

Interest Rate Risk

There is a risk the value of the interest rate swaps will decline because of changing interest rates. The values of the interest rate swaps with longer maturities tend to be more sensitive to changing interest rates and, therefore, more volatile than those with shorter maturities.

Basis Risk

There is a risk that the basis for the variable payment received on interest rate swaps will not match the variable payment on the bonds. This exposes the University to basis risk whenever the interest rates on the bonds are reset. The interest rate on the bonds is a tax-exempt interest rate, while the basis of the variable receipt on the interest rate swaps is taxable. Tax-exempt interest rates can change without a corresponding change in the LIBOR rate due to factors affecting the tax-exempt market which do not have a similar effect on the taxable market. However, there is no basis or tax risk related to the swap with the \$124.8 million notional amount since the variable rate the University pays to the bond holders matches the variable-rate payments received from the swap counterparty and the interest rates are reset at the same intervals.

Termination Risk

There is termination risk for interest rate swaps associated with variable-rate bonds in the event of non-performance by counterparties in an adverse market resulting in cancellation of the synthetic interest rate and returning the interest rate payments to the variable interest rates on the bonds. In addition, depending on the agreement, certain interest rate swaps may be terminated if the swap counterparty's credit quality rating, as issued by Moody's or Standard & Poor's, falls below certain thresholds. For the interest rate swap with the \$80.2 million notional amount, the termination threshold is reached when the credit quality rating for either the underlying Medical Center Pooled Revenue Bonds or swap counterparty falls below Baa2 or BBB. For the swap with the \$124.8 million notional amount, the termination threshold is reached when the credit quality rating for the underlying Medical Center Pooled Revenue Bonds falls below Baa1/BBB, or the interest rate swap counterparty's rating falls below Baa1/BBB+. At termination, the University may also owe a termination payment if there is a realized loss based on the fair value of the interest rate swap.

5. INVESTMENTS HELD BY TRUSTEES

The University has entered into agreements with trustees to maintain trusts for the University's self-insurance programs, long-term debt requirements, capital projects and certain other requirements. In addition, the state of California retains on deposit certain proceeds from the sale of lease-revenue bonds to be used for capital projects. The combined fair value of all of the investments and deposits held by trustees was \$1.5 billion and \$1.6 billion at June 30, 2013 and 2012, respectively.

Self-Insurance Programs

Investments held by trustees for self-insurance programs include separate trusts for the workers' compensation and professional medical and hospital liability programs. Securities are held by the trustees in the name of the University. The trust agreements permit the trustees to invest in U.S. and state government or agency obligations, corporate debt securities, commercial paper or certificates of deposit.

The composition of cash and investments and the modified duration associated with fixed-income securities for self-insurance programs at June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | INVESTMENTS AT FAIR VALUE | | MODIFIED DURATION | |
|--------------------|---------------------------|------------------|-------------------|------|
| | 2013 | 2012 | 2013 | 2012 |
| Cash | \$ (1,752) | \$ (6,135) | | |
| Commingled funds: | | | | |
| U.S. bond funds | 505,037 | 575,782 | 5.9 | 0.0 |
| Money market funds | 79,002 | 39,811 | | |
| U.S. equity funds | 97,943 | 104,870 | | |
| Total | \$680,230 | \$714,328 | | |

Self-insurance investments are held in externally-managed commingled funds with underlying credit ratings ranging from B to AAA, where applicable.

Long-Term Debt

Investments held by trustees for future payment of principal and interest in accordance with various indenture and other long-term debt requirements totaled \$354.3 million and \$325.6 million at June 30, 2013 and 2012, respectively.

The state financing appropriations to the University are deposited in commingled U.S. bond funds managed by the state of California Treasurer's Office, as trustee, and used to satisfy the annual lease requirements under lease-purchase agreements with the state of California. The fair value of these deposits was \$52.4 million and \$52.9 million at June 30, 2013 and 2012, respectively.

In addition, other securities held by trustees are held in the name of the University. These trust agreements permit trustees to invest in U.S. and state government or agency obligations, commercial paper or other corporate obligations meeting certain credit rating requirements. The fair value of these investments was \$301.9 million and \$272.7 million at June 30, 2013 and 2012, respectively.

Capital Projects

Investments held by trustees to be used for capital projects totaled \$480.9 million and \$539.9 million at June 30, 2013 and 2012, respectively.

Proceeds from the sale of the state of California's lease revenue bonds to be used for financing certain University capital projects are deposited in a commingled U.S. bond fund managed by the state of California Treasurer's Office, as trustee, and distributed to the University as the projects are constructed. The fair value of these deposits was \$425.3 million and \$486.1 million at June 30, 2013 and 2012, respectively.

In addition, proceeds from the sale of bonds and certain University funds are held by trustees to be used for financing other capital projects. The fair value of these investments was \$55.6 million and \$53.8 million at June 30, 2013 and 2012, respectively. Substantially all of these investments are of a highly liquid, short-term nature.

University deposits into the trusts, or receipts from the trusts, are classified as an operating activity in the University's statement of cash flows if related to the self-insurance programs, or a capital and related financing activity if related to long-term debt requirements or a capital project. Deposits directly into trusts by third parties, investment transactions initiated by trustees in conjunction with the management of trust assets and payments from trusts directly to third parties are not included in the University's statement of cash flows.

6. ACCOUNTS RECEIVABLE

Accounts receivable and the allowance for doubtful accounts at June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | | | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS |
|---------------------------------|------------------------------|--------------------|-------------------|--------------------|--------------------|---|
| | STATE AND FEDERAL GOVERNMENT | MEDICAL CENTERS | INVESTMENT INCOME | OTHER | TOTAL | |
| <i>At June 30, 2013</i> | | | | | | |
| Accounts receivable | \$575,564 | \$1,732,396 | \$81,824 | \$1,653,179 | \$4,042,963 | \$ 45,947 |
| Allowance for doubtful accounts | (2,279) | (230,179) | | (66,919) | (229,377) | |
| Accounts receivable, net | \$573,285 | \$1,502,217 | \$81,824 | \$1,586,260 | \$3,743,586 | \$45,947 |
| <i>At June 30, 2012</i> | | | | | | |
| Accounts receivable | \$577,037 | \$1,564,165 | \$97,852 | \$1,508,890 | \$3,747,944 | \$ 23,062 |
| Allowance for doubtful accounts | (3,240) | (266,352) | | (61,972) | (331,564) | |
| Accounts receivable, net | \$573,797 | \$1,297,813 | \$97,852 | \$1,446,918 | \$3,416,380 | \$23,062 |

The University's other accounts receivable are primarily related to private grants and contracts, physicians' professional fees, investment sales, tuition and fees, auxiliary enterprises, insurance rebates and legal settlements.

The campus foundations' accounts receivable are primarily related to investment income.

The expense for doubtful accounts have either increased (decreased) the following revenues for the years ended June 30, 2013 and 2012:

| <i>(in thousands of dollars)</i> | | |
|--------------------------------------|--------------------|--------------------|
| | 2013 | 2012 |
| Student tuition and fees | \$ (2,901) | \$ (3,558) |
| Grants and contracts: | | |
| Federal | 1,144 | (1,221) |
| State | (65) | 69 |
| Private | (461) | (1,650) |
| Local | 21 | 80 |
| Medical centers | (326,451) | (303,792) |
| Educational activities | (10,112) | (10,459) |
| Auxiliary enterprises | (145) | (982) |
| Other operating revenues | (293) | (1,465) |
| Expense for doubtful accounts | \$(339,263) | \$(322,978) |

Retirement System Contribution

The state of California agreed to make contributions related to certain prior years to the University for UCRP in annual installments over 30 years. During the years ended June 30, 2013 and 2012, under the terms of these agreements, the state of California contributed \$11.3 million, respectively, including interest at rates ranging from 8.0 percent to 8.5 percent. At June 30, 2013 and 2012, the remaining amounts owed to UCRP by the state were \$27.9 million and \$36.6 million, respectively. These amounts are recorded in the University's statement of net position as a receivable from the state of California and as a liability owed to UCRP.

7. PLEDGES RECEIVABLE

The composition of pledges receivable at June 30, 2013 and 2012 is summarized as follows:

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | |
|---|--------------------------|------------------|--|-------------------|
| | 2013 | 2012 | 2013 | 2012 |
| Total pledges receivable outstanding | \$84,343 | \$128,127 | \$929,618 | \$ 861,253 |
| Less: Unamortized discount to present value | (2,951) | (4,823) | (136,895) | (141,437) |
| Allowance for uncollectible pledges | (11,767) | (14,494) | (79,013) | (78,682) |
| Total pledges receivable, net | 69,625 | 108,810 | 713,710 | 641,134 |
| Less: Current portion of pledges receivable | (35,015) | (48,829) | (144,477) | (141,644) |
| Noncurrent portion of pledges receivable | \$34,610 | \$ 59,981 | \$569,233 | \$ 499,490 |

Future receipts under pledge agreements for each of the five fiscal years subsequent to June 30, 2013 and thereafter are as follows:

| <i>(in thousands of dollars)</i> | UNIVERSITY OF CALIFORNIA | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS |
|---|--------------------------|--|
| | | |
| <i>Year Ending June 30</i> | | |
| 2014 | \$42,553 | \$183,150 |
| 2015 | 15,274 | 124,417 |
| 2016 | 11,061 | 86,223 |
| 2017 | 6,901 | 96,135 |
| 2018 | 3,036 | 37,643 |
| 2019-2023 | 3,518 | 128,935 |
| Beyond 2023 | 2,000 | 273,115 |
| Total payments on pledges receivable | \$84,343 | \$929,618 |

Adjustments to the allowance for uncollectible pledges for the University have increased (decreased) the following revenues for the years ended June 30, 2013 and 2012:

| <i>(in thousands of dollars)</i> | | |
|----------------------------------|------------|----------|
| | 2013 | 2012 |
| Private gifts | \$ (4,261) | \$ (545) |
| Capital gifts and grants | 4,678 | (3,275) |

8. NOTES AND MORTGAGES RECEIVABLE

Notes and mortgages receivable at June 30, 2013 and 2012, along with the allowance for uncollectible amounts, are as follows:

| (in thousands of dollars) | | | | | | |
|-------------------------------------|--------------------------|------------|-----------|-----------|--------------------------|------------|
| | UNIVERSITY OF CALIFORNIA | | | | UNIVERSITY OF CALIFORNIA | |
| | | NONCURRENT | | | CAMPUS FOUNDATIONS | |
| | CURRENT | NOTES | MORTGAGES | TOTAL | CURRENT | NONCURRENT |
| At June 30, 2013 | | | | | | |
| Notes and mortgages receivable | \$41,858 | \$314,698 | \$23,534 | \$338,232 | \$475 | \$1,039 |
| Allowance for uncollectible amounts | (5,983) | (20,051) | (137) | (20,188) | | |
| Notes and mortgages receivable, net | \$35,875 | \$294,647 | \$23,397 | \$318,044 | \$475 | \$1,039 |
| At June 30, 2012 | | | | | | |
| Notes and mortgages receivable | \$40,222 | \$309,423 | \$25,043 | \$334,466 | \$ 10 | \$1,394 |
| Allowance for uncollectible amounts | (5,395) | (17,816) | (141) | (17,957) | | |
| Notes and mortgages receivable, net | \$34,827 | \$291,607 | \$24,902 | \$316,509 | \$ 10 | \$1,394 |

9. DOE NATIONAL LABORATORY CONTRACTS

Los Alamos National Security, LLC (LANS)

LANS operates and manages the DOE's LANL. LANS' current earnings or losses are dependent on the percentage of base and incentive fees earned under the terms of the contract, offset by any unallowable or disallowed costs. While the University has a 50 percent membership interest in LANS, its equity in the current earnings or losses is subject to certain limitations and special allocations of both the fees and costs. As a result, the University's equity in the current earnings or losses may range from 17.0 to 50.0 percent. For the years ended June 30, 2013 and 2012, the University recorded \$9.5 million and \$17.7 million, respectively, as its equity in the current earnings of LANS and received \$10.3 million and \$18.2 million in cash distributions in 2013 and 2012, respectively.

Lawrence Livermore National Security, LLC (LLNS)

LLNS manages and operates the DOE's LLNL. LLNS' current earnings or losses are dependent on the percentage of base and incentive fees earned under the terms of the contract, offset by any unallowable or disallowed costs. While the University has a 50 percent membership interest in LLNS, its equity in the current earnings or losses is 36.3 percent. For the years ended June 30, 2013 and 2012, the University recorded \$12.3 million and \$14.7 million, respectively, as its equity in the current earnings of LLNS and received \$12.8 million and \$15.0 million in cash distributions, respectively.

10. CAPITAL ASSETS

The University's capital asset activity for the years ended June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | 2011 | ADDITIONS | DISPOSALS | 2012 | ADDITIONS | DISPOSALS | 2013 |
|---|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|
| ORIGINAL COST | | | | | | | |
| Land | \$ 742,021 | \$ 38,100 | \$ (39) | \$ 780,082 | \$ 63,842 | \$ (3,874) | \$ 840,050 |
| Infrastructure | 555,393 | 20,411 | | 575,804 | 9,466 | | 585,270 |
| Buildings and improvements | 25,751,759 | 2,273,723 | (41,271) | 27,984,211 | 1,579,482 | (49,002) | 29,514,691 |
| Equipment, software and intangibles | 5,442,401 | 729,593 | (274,061) | 5,897,933 | 677,588 | (338,375) | 6,237,146 |
| Libraries and collections | 3,550,689 | 121,103 | (59,344) | 3,612,448 | 125,109 | (38,432) | 3,699,125 |
| Special collections | 326,508 | 19,137 | (1,194) | 344,451 | 9,750 | (92) | 354,109 |
| Construction in progress | 2,941,642 | (155,807) | | 2,785,835 | 112,371 | | 2,898,206 |
| Capital assets, at original cost | \$39,310,413 | \$3,046,260 | \$(375,909) | \$41,980,764 | \$2,577,608 | \$(429,775) | \$44,128,597 |

| | 2011 | DEPRECIATION AND AMORTIZATION | DISPOSALS | 2012 | DEPRECIATION AND AMORTIZATION | DISPOSALS | 2013 |
|--|---------------------|-------------------------------|--------------------|---------------------|-------------------------------|--------------------|---------------------|
| ACCUMULATED DEPRECIATION AND AMORTIZATION | | | | | | | |
| Infrastructure | \$ 246,664 | \$ 18,165 | | \$ 264,829 | \$ 20,082 | | \$ 284,911 |
| Buildings and improvements | 9,177,979 | 874,869 | \$ (15,818) | 10,037,030 | 936,501 | \$ (15,163) | 10,958,368 |
| Equipment, software and intangibles | 3,602,398 | 465,262 | (226,623) | 3,841,037 | 476,041 | (309,656) | 4,007,422 |
| Libraries and collections | 2,539,575 | 119,958 | (37,930) | 2,621,603 | 122,630 | (46,222) | 2,698,011 |
| Accumulated depreciation and amortization | \$15,566,616 | \$1,478,254 | \$(280,371) | \$16,764,499 | \$1,555,254 | \$(371,041) | \$17,948,712 |
| Capital assets, net | \$23,743,797 | | | \$25,216,265 | | | \$26,179,885 |

Service concession arrangements, reported as buildings and improvements, are \$48.3 million of original cost and \$16.8 million of accumulated depreciation for 2013, and \$48.3 million of original cost and \$15.8 million of accumulated depreciation for 2012. Deferred inflows of resources of \$31.5 million and \$32.5 million for 2013 and 2012, respectively, are reported for service concession arrangements.

11. SELF-INSURANCE, OBLIGATIONS UNDER LIFE INCOME AGREEMENTS AND OTHER LIABILITIES

The University's self-insurance and other liabilities at June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | | |
|--|--------------------------|------------------|--------------------|------------------|---|------------------|-----------------|------------------|
| | 2013 | | 2012 | | 2013 | | 2012 | |
| | CURRENT | NONCURRENT | CURRENT | NONCURRENT | CURRENT | NONCURRENT | CURRENT | NONCURRENT |
| Self-insurance programs | \$ 199,477 | <u>\$432,321</u> | \$ 177,574 | <u>\$421,602</u> | | | | |
| Obligations under life income agreements | 996 | <u>\$28,805</u> | 898 | <u>\$ 24,706</u> | \$21,534 | <u>\$145,277</u> | \$20,877 | <u>\$146,175</u> |
| Other liabilities: | | | | | | | | |
| Compensated absences | 479,583 | 237,331 | 425,007 | 258,300 | | | | |
| UCRP* | 3,751 | 24,183 | 8,226 | 27,934 | | | | |
| Accrued interest | 107,012 | | 100,518 | | | | | |
| Fair value of interest rate swaps | | 45,758 | | 69,495 | | | | |
| Other | 422,913 | 256,717 | 351,475 | 155,617 | 1,618 | 30,409 | 5,717 | 18,658 |
| Total | \$1,213,732 | \$563,989 | \$1,063,698 | \$511,346 | \$23,152 | \$ 30,409 | \$26,594 | \$ 18,658 |

* UCRP has an equivalent amount recorded as a contribution receivable from the University in its statement of fiduciary net position.

Self-Insurance Programs

Changes in self-insurance or insured through a wholly-owned captive insurance company liabilities for the years ended June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | MEDICAL MALPRACTICE | WORKERS' COMPENSATION | EMPLOYEE & STUDENT HEALTH CARE | GENERAL LIABILITY | TOTAL |
|--|------------------------|--------------------------|--------------------------------------|----------------------|------------------|
| <i>Year Ended June 30, 2013</i> | | | | | |
| Liabilities at June 30, 2012 | \$178,289 | \$299,193 | \$ 34,876 | \$86,818 | \$599,176 |
| Claims incurred and changes in estimates | 63,767 | 87,378 | 250,270 | 20,417 | 421,832 |
| Claim payments | (51,462) | (74,990) | (245,461) | (17,297) | (389,210) |
| Liabilities at June 30, 2013 | \$190,594 | \$311,581 | \$ 39,685 | \$89,938 | \$631,798 |
| Discount rate | 5.0% | 5.0% | Undiscounted | 2.0% | |
| <i>Year Ended June 30, 2012</i> | | | | | |
| Liabilities at June 30, 2011 | \$193,592 | \$301,759 | \$ 5,560 | \$88,165 | \$589,076 |
| Claims incurred and changes in estimates | 27,633 | 66,651 | 233,956 | 19,091 | 347,331 |
| Claim payments | (42,936) | (69,217) | (204,640) | (20,438) | (337,231) |
| Liabilities at June 30, 2012 | \$178,289 | \$299,193 | \$ 34,876 | \$86,818 | \$599,176 |
| Discount rate | 5.0% | 5.0% | Undiscounted | 2.0% | |

Obligations Under Life Income Agreements

Changes in current and noncurrent obligations under life income agreements for the years ended June 30, 2013 and 2012 are as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | |
|--|--------------------------|--------------------|--|--------------------|
| | ANNUITIES | LIFE BENEFICIARIES | ANNUITIES | LIFE BENEFICIARIES |
| <i>Year Ended June 30, 2013</i> | | | | |
| Balance at June 30, 2012 | \$11,949 | \$13,655 | \$55,845 | \$111,207 |
| New obligations to beneficiaries and change in liability, net | 4,401 | 3,214 | 3,609 | 16,090 |
| Payments to beneficiaries | (2,079) | (1,339) | (7,107) | (12,833) |
| Obligations under life income agreements at June 30, 2013 | 14,271 | 15,530 | 52,347 | 114,464 |
| Less: Current portion | (560) | (436) | (7,050) | (14,484) |
| Noncurrent portion at June 30, 2013 | \$13,711 | \$15,094 | \$45,297 | \$ 99,980 |
| <i>Year Ended June 30, 2012</i> | | | | |
| Balance at June 30, 2011 | \$12,137 | \$15,582 | \$50,424 | \$118,394 |
| New obligations to beneficiaries and change in liability, net | 1,745 | (547) | 12,538 | 6,093 |
| Payments to beneficiaries | (1,933) | (1,380) | (7,117) | (13,280) |
| Obligations under life income agreements at June 30, 2012 | 11,949 | 13,655 | 55,845 | 111,207 |
| Less: Current portion | (472) | (426) | (7,250) | (13,627) |
| Noncurrent portion at June 30, 2012 | \$11,477 | \$13,229 | \$48,595 | \$ 97,580 |

12. DEBT

The University directly finances the construction, renovation and acquisition of facilities and equipment, or for such other purposes as are authorized by The Regents through the issuance of debt obligations or indirectly through structures that involve legally separate entities reported as blended component units. Commercial paper and bank loans provide for interim financing. Long-term financing includes revenue bonds, capital lease obligations and other borrowings.

The University's outstanding debt at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | WEIGHTED AVERAGE INTEREST RATE | INTEREST RATE RANGE | MATURITY YEARS | 2013 | 2012 |
|--|-----------------------------------|------------------------|-------------------|---------------------|---------------------|
| INTERIM FINANCING: | | | | | |
| Commercial paper | | 0.1 - 0.3% | 2013 | \$ 1,320,000 | \$ 1,322,810 |
| LONG-TERM FINANCING: | | | | | |
| University of California General Revenue Bonds | 4.3% | 0.1 - 7.6% | 2014-2112 | 7,540,420 | 8,088,720 |
| University of California Limited Project Revenue Bonds | 5.0% | 0.4 - 6.3% | 2014-2050 | 1,991,610 | 1,810,360 |
| University of California Medical Center Pooled Revenue Bonds | 5.2% | 0.0 - 6.6% | 2014-2049 | 2,171,035 | 2,205,315 |
| University of California Medical Center Revenue Bonds | 5.3% | 4.0 - 5.5% | 2014-2039 | 77,730 | 80,795 |
| Adjusted by: Unamortized deferred financing costs | | | | (132,714) | (120,411) |
| Unamortized bond premium | | | | 452,327 | 255,550 |
| University of California revenue bonds | 4.6% | | | 12,100,408 | 12,320,329 |
| Capital lease obligations | | 0.0 - 10.0% | 2013-2042 | 2,582,411 | 2,666,503 |
| Other University borrowings | | Various | 2013-2048 | 395,279 | 318,518 |
| Blended component unit revenue bonds, net | 5.7% | 4.0 - 6.5% | 2013-2049 | 701,100 | 706,787 |
| Total outstanding debt | | | | 17,099,198 | 17,334,947 |
| Less: Commercial paper | | | | (1,320,000) | (1,322,810) |
| Current portion of outstanding debt | | | | (942,137) | (923,635) |
| Noncurrent portion of outstanding debt | | | | \$14,837,061 | \$15,088,502 |

Interest expense associated with financing projects during construction, net of any investment income earned on tax-exempt bond proceeds during construction, is capitalized. Total interest expense during the years ended June 30, 2013 and 2012 was \$745.0 million and \$708.3 million respectively. Interest expense, net of investment income, totaling \$73.7 million and \$76.7 million was capitalized during the years ended June 30, 2013 and 2012, respectively. The remaining \$669.5 million in 2013 and \$631.6 million in 2012 is reported as interest expense in the statement of revenues, expenses and changes in net position.

Outstanding Debt Activity

The activity with respect to the University's current and noncurrent debt, including the revenue bonds associated with blended component units, for the years ended June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY REVENUE BONDS | CAPITAL LEASE OBLIGATIONS | OTHER UNIVERSITY BORROWINGS | BLENDED COMPONENT UNIT REVENUE BONDS | TOTAL |
|---|-----------------------------|------------------------------|--------------------------------|---|---------------------|
| <i>Year Ended June 30, 2013</i> | | | | | |
| Long-term debt and capital leases at June 30, 2012 | \$12,320,329 | \$2,666,503 | \$318,518 | \$706,787 | \$16,012,137 |
| New obligations | 2,595,670 | 187,218 | 117,908 | | 2,900,796 |
| Bond premium | 229,545 | | | | 229,545 |
| Deferred financing costs | (26,440) | | | | (26,440) |
| Refinancing or prepayment of outstanding debt | (2,287,140) | (114,350) | | | (2,401,490) |
| Scheduled principal payments | (712,925) | (156,960) | (41,147) | (5,334) | (916,366) |
| Amortization of bond premium | (32,768) | | | (616) | (33,384) |
| Amortization of deferred financing costs | 14,137 | | | 263 | 14,400 |
| Long-term debt and capital leases at June 30, 2013 | 12,100,408 | 2,582,411 | 395,279 | 701,100 | 15,779,198 |
| Less: Current portion | (703,494) | (187,825) | (44,220) | (6,598) | (942,137) |
| Noncurrent portion at June 30, 2013 | \$11,396,914 | \$2,394,586 | \$351,059 | \$694,502 | \$14,837,061 |
| <i>Year Ended June 30, 2012</i> | | | | | |
| Long-term debt and capital leases at June 30, 2011 | \$10,334,638 | \$2,443,256 | \$197,415 | \$602,602 | \$13,577,911 |
| New obligations | 2,459,715 | 427,432 | 205,005 | 109,735 | 3,201,887 |
| Bond premium | 47,604 | | | 995 | 48,599 |
| Deferred financing costs | (13,451) | | | | (13,451) |
| Refinancing or prepayment of outstanding debt | (254,040) | (9,715) | (13,138) | | (276,893) |
| Scheduled principal payments | (243,530) | (194,470) | (70,764) | (6,454) | (515,218) |
| Amortization of bond premium | (23,322) | | | (354) | (23,676) |
| Amortization of deferred financing costs | 12,715 | | | 263 | 12,978 |
| Long-term debt and capital leases at June 30, 2012 | 12,320,329 | 2,666,503 | 318,518 | 706,787 | 16,012,137 |
| Less: Current portion | (702,287) | (161,951) | (54,006) | (5,391) | (923,635) |
| Noncurrent portion at June 30, 2012 | \$11,618,042 | \$2,504,552 | \$264,512 | \$701,396 | \$15,088,502 |

Commercial Paper

The University has available a \$2.0 billion commercial paper program, issued in two series, with tax-exempt and taxable components. Commercial paper may be issued for interim/permanent financing for capital projects, interim financing of equipment, financing of working capital for the medical centers and other working capital needs, standby or interim financing for gift financed projects and working capital for the University.

The program's liquidity is supported by available investments in STIP and TRIP. Commercial paper is collateralized by a pledge of the revenues derived from the ownership or operation of the projects financed and constitute limited obligations of the University. There is no encumbrance, mortgage or other pledge of property securing commercial paper and the paper does not constitute general obligations of the University.

Commercial paper outstanding, including interest rates, at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | 2013 | | 2012 | |
|--------------------------|----------------|--------------------|----------------|--------------------|
| | INTEREST RATES | OUTSTANDING | INTEREST RATES | OUTSTANDING |
| Tax-exempt | 0.1 - 0.2% | \$ 54,820 | 0.1 - 0.2% | \$ 235,300 |
| Taxable | 0.1 - 0.3% | 1,265,180 | 0.1 - 0.4% | 1,087,510 |
| Total outstanding | | \$1,320,000 | | \$1,322,810 |

The expectation is that the University will continue to utilize available investments for liquidity support for the commercial paper program. Alternatively, the University may utilize a line of credit from an external bank, as the University entered into a \$300 million revolving credit agreement with a major financial institution for the purpose of providing additional liquidity support for the commercial paper program. As of June 30, 2013, there were no borrowings against the revolving credit agreement.

University of California Revenue Bonds

Revenue bonds have financed various auxiliary, administrative, academic, medical center and research facilities of the University. They generally have annual principal and semiannual interest payments, serial and term maturities, contain sinking fund requirements and may have optional redemption provisions. Revenue bonds are not collateralized by any encumbrance, mortgage or other pledge of property, except pledged revenues, and do not constitute general obligations of The Regents. Revenue Bond Indentures require the University to use the facilities in a way which will not cause the interest on the tax-exempt bonds to be included in the gross income of the bondholders for federal tax purposes.

General Revenue Bonds are collateralized solely by General Revenues as defined in the Indenture. General Revenues are certain operating and nonoperating revenues of the University consisting of gross student tuition and fees; facilities and administrative cost recovery from contracts and grants; revenues from educational, auxiliary and other activities; and other revenues, including unrestricted investment income. The General Revenue Bond Indenture requires the University to set rates, charges and fees each year sufficient for General Revenues to pay for the annual principal and interest on the bonds and certain other financial covenants. General Revenues for the years ended June 30, 2013 and 2012 were \$10.1 billion and \$9.7 billion, respectively.

Limited Project Revenue Bonds are issued to finance auxiliary enterprises and are collateralized by a pledge consisting of the sum of the gross revenues of the specific projects. The Indenture requires the University to achieve the sum of gross project revenues equal to 1.1 times debt service and maintain certain other financial covenants. Pledged revenues for the years ended June 30, 2013 and 2012 were \$711.9 million and \$509.0 million, respectively.

Medical Center Pooled Revenue Bonds are issued to finance the University's medical center facilities and are collateralized by a joint and several pledge of the gross revenues of all five of the University's medical centers. Medical center gross revenues are excluded from General Revenues. The Medical Center Pooled Revenue Bond Indenture requires the medical centers to set rates, charges and fees each year sufficient for the medical center gross revenues to pay for the annual principal and interest on the bonds and certain other financial covenants. Gross revenues of the medical centers for the years ended June 30, 2013 and 2012 were \$7.5 billion and \$6.9 billion, respectively.

Medical Center Revenue Bonds have also financed certain facilities of one of the University's five medical centers and are collateralized by a pledge of the specific gross revenues associated with the medical center. The Medical Center Revenue Bond Indenture requires one medical center to achieve debt service coverage of 1.1 times, set limitations on encumbrances, indebtedness, disposition of assets and transfer services, as well as maintain certain other financial covenants.

The pledge of revenues under Limited Project Revenue Bonds is subordinate to the pledge of revenues associated with General Revenue Bonds, but senior to pledges under commercial paper agreements or bank loans.

Medical center gross revenues are not pledged for any purpose other than under the Indentures for the Medical Center Pooled Revenue Bonds, interest rate swap agreements and specific Medical Center Revenue Bonds. The pledge of medical center revenues under Medical Center Pooled Revenue Bonds is subordinate to the specific Medical Center Revenue Bonds.

The pledge of medical center revenues for interest rate swap agreements may be at parity with or subordinate to specific Medical Center Revenue Bonds and Medical Center Pooled Revenue Bonds.

All indentures permit the University to issue additional bonds as long as certain conditions are met.

2013 Activity

In July 2012, Limited Project Revenue Bonds totaling \$999.7 million, including \$899.3 million in tax-exempt and \$100.4 million in taxable bonds, were issued. Proceeds, including a bond premium of \$152.7 million, were used to finance certain facilities and projects of the University and refund \$853.9 million of outstanding Limited Project Revenue Bonds and outstanding General Revenue Bonds. The bonds mature at various dates through 2042. The tax-exempt bonds have a stated weighted average interest rate of 4.9 percent. The taxable bonds have a stated weighted average interest rate of 4.1 percent. The deferred premium will be amortized as a reduction to interest expense over the term of the bonds.

In October 2012, General Revenue Bonds totaling \$2.4 million, consisting of Taxable-Clean Renewable Energy Bonds, were issued to pay for project construction and issuance costs. The bonds mature in 2022 and have a stated interest rate of 3.0 percent. The expected cash subsidy payment from the United States Treasury is equal to 100.0 percent of the posted tax credit rate.

In March 2013, General Revenue Bonds totaling \$1.31 billion, including \$805.9 million in tax-exempt and \$501.2 million in taxable bonds, were issued. Proceeds, including a bond premium of \$137.0 million, were used to refund \$1.43 billion of outstanding General Revenue Bonds. The bonds mature at various dates through 2039. The tax-exempt bonds have a stated weighted average interest rate of 4.7 percent. The taxable bonds have a stated weighted average interest rate of 3.5 percent. The deferred premium will be amortized as a reduction to interest expense over the term of the bonds.

In March 2013, General Revenue Bonds totaling \$286.5 million in taxable fixed-rate notes were issued. Proceeds were used to refund \$286.5 million of outstanding General Revenue Bonds. The taxable fixed-rate notes have a stated interest rate of 1.8 percent, maturing in 2019.

2012 Activity

In July 2011, General Revenue Bonds totaling \$1.2 billion, including \$550.0 million taxable fixed-rate notes, \$500.0 million taxable floating-rate notes and \$150.0 million taxable variable-rate demand bonds, were issued to finance pension contributions to UCRP, operating costs (on an interim basis) and issuance costs. The taxable fixed-rate notes have a stated interest rate of 0.5 percent for \$263.5 million, maturing in 2012, and 0.9 percent for \$286.5 million, maturing in 2013. The taxable floating-rate notes and taxable variable-rate demand bonds mature at various dates through 2041. The interest rates on the variable-rate demand bonds reset weekly, and, in the event of a failed remarketing, can be put back to The Regents for tender. In March and April 2012, the University amended the interest rate terms of the taxable floating-rate notes. The taxable floating-rate notes bear interest based on the one-month London Interbank Offer Rate (LIBOR) plus 0.54 percent.

In August 2011, General Revenue Bonds totaling \$399.8 million, including \$354.9 million tax-exempt bonds and \$44.9 million taxable bonds, were issued to finance and refinance certain facilities and projects of the University. Proceeds, including a bond premium of \$48.0 million, were used to pay for project construction and issuance costs and refund \$150.7 million of outstanding General Revenue Bonds and \$77.6 million of Multiple Purpose Project Revenue Bonds. The bonds mature at various dates through 2041. The tax-exempt bonds have a stated weighted average interest rate of 4.9 percent. The taxable bonds have a stated weighted average interest rate of 4.7 percent. The deferred premium will be amortized as a reduction to interest expense over the term of the bonds.

In February 2012, General Revenue Bonds totaling \$860.0 million were issued to finance or refinance capital projects of the University or for such other purposes as authorized by The Regents. The bonds have a stated interest rate of 4.9 percent, maturing in 2112.

Subsequent Events

In August 2013, tax-exempt Medical Center Pooled Revenue Bonds totaling \$650.0 million, including \$618.6 million of fixed-rate bonds and \$31.3 million variable-rate demand bonds, were issued to finance and refinance certain facilities and projects of the Medical Centers. Proceeds, including a bond premium of \$6.3 million, were used to pay for project construction, issuance costs and refund \$28.3 million of outstanding Medical Center Revenue Bonds. The fixed-rate bonds mature at various dates through 2048 and the variable-rate bonds mature in 2047. The interest rates on the variable-rate demand bonds reset weekly and an interest rate swap, previously classified as an investment derivative, is being used to limit exposure to changes in market interest rates. In the event of a failed remarketing the variable-rate demand bonds can be put back to the Regents for tender. The tax-exempt bonds have a stated weighted average interest rate of 5.0 percent. The deferred premium will be amortized as a reduction to interest expense over the term of the bonds.

In October 2013, General Revenue Bonds totaling \$2.5 billion, including \$1.1 billion tax-exempt bonds, \$712.3 million taxable bonds, and \$600.0 million tax-exempt variable-rate demand bonds, were used to refinance debt issued by the State of California or for such other purposes as authorized by The Regents. Proceeds, including a bond premium of \$124.9 million, were used to pay \$2.4 billion in Lease Revenue Bonds issued by the State Public Works Board of the state of California, reported as lease-purchase agreements by the University and bond issuance costs. The fixed-rate bonds mature at various dates through 2048 and the variable-rate demand bonds mature at 2048. The tax-exempt bonds have a stated

weighted average interest rate of 3.5 percent. The taxable bonds have a stated weighted average interest rate of 4.3 percent. The interest rates on the variable-rate demand bonds reset weekly, and in the event of a failed remarketing, can be put back to The Regents for tender and interest rate swap agreements were executed to limit exposure to changes in market interest rates. General Revenues, as defined in the Indenture, have been amended to include certain state appropriations to secure payment of the General Revenue Bonds.

Capital Leases

The University has entered into lease-purchase agreements with the state of California that are recorded as capital leases. The state sells lease revenue bonds to finance construction of certain state-owned buildings to be used by the University. During the construction phase, the University acts as agent for the state. Bond proceeds remain on deposit with the state, as trustee, until the University is reimbursed as the project is constructed.

Upon completion, the buildings and equipment are leased to the University under terms and amounts that are sufficient to satisfy the state's lease revenue bond requirements with the understanding that the state will provide financing appropriations to the University to satisfy the annual lease requirements. At the conclusion of the lease term, ownership transfers to the University.

The University entered into lease-purchase agreements with the state totaling \$169.1 million and \$337.2 million, in 2013 and 2012, respectively, to finance the construction of various University projects.

The state of California financing appropriation to the University under the terms of the lease-purchase agreements, recorded as nonoperating revenue, for the years ended June 30, 2013 and 2012 was \$210.7 million and \$200.1 million, respectively. The scheduled principal and interest, including accrued interest, reported in the University's financial statements for the years ended June 30, 2013 and 2012 contain amounts related to these lease-purchase agreements with the state of California as follows:

| <i>(in thousands of dollars)</i> | | |
|----------------------------------|------------------|------------------|
| | 2013 | 2012 |
| Capital lease principal | \$105,805 | \$104,200 |
| Capital lease interest | 124,342 | 118,191 |
| Total | \$230,147 | \$222,391 |

Associated with these lease-purchase agreements, in September 2012, the State Public Works Board (SPWB) of the state of California issued \$91.7 million in Lease Revenue Refunding Bonds (The Regents of the University of California) 2012 Series F in order to refund and defease all of the outstanding SPWB of the State of California Lease Revenue Bonds (The Regents of the University of California) 2002 Series A bonds.

Capital leases entered into with other lessors, typically for equipment, totaled \$18.1 million and \$90.2 million for the years ended June 30, 2013 and 2012, respectively.

Other University Borrowings

Other University borrowings consist of contractual obligations resulting from the acquisition of land or buildings and the construction and renovation of certain facilities, along with the borrowing component associated with a hybrid derivative instrument.

The University may use uncollateralized revolving lines of credit with commercial banks for general corporate purposes and to provide interim financing for buildings and equipment. Lines of credit commitments for general corporate purposes, with various expiration dates through February 15, 2017, totaled \$315.0 million at June 30, 2013. Outstanding borrowings under these bank lines totaled \$262.0 million and \$150.0 million at June 30, 2013 and 2012, respectively. Lines of credit that provide interim financing for buildings and equipment, with various expiration dates through March 31, 2014, totaled \$15.5 million. Outstanding borrowings under these bank lines totaled \$15.4 million and \$18.1 million at June 30, 2013 and 2012, respectively.

Certain of the interest rate swaps are considered hybrid instruments. As such, the interest rate swaps are comprised of a derivative instrument and a companion instrument recorded as a borrowing. The unamortized amount of the borrowing was \$29.0 million and \$29.6 million at June 30, 2013 and 2012, respectively.

Blended Component Unit Revenue Bonds

Student Housing

The University has entered into ground leases with a legally separate, non-profit corporation that develops and owns student housing projects and related amenities and improvements on a University campus through the use of a single-project limited liability corporation (LLC). The LLC manages the premises. The University's reversionary interest in the land is not subordinated. All costs associated with the ownership, operation and management of the improvements are the obligation of the LLC. Student rental rates are established in order to provide for operating expenses and maintain the required debt service coverage ratios. The University is not responsible for any payments related to the ownership, operation or financing of the student housing. However, under GASB requirements, the financial position and operating results of this legally separate organization are incorporated into the University's financial reporting entity.

The LLC, through its conduit issuer, has outstanding Student Housing LLC Revenue Bonds to finance the construction of the student housing facility. The bonds generally have annual principal and semiannual interest payments, serial and term maturities, certain sinking fund requirements and optional redemption provisions. They are not collateralized by any encumbrance, mortgage or other pledge of property, except pledged revenues of the student housing project, and do not constitute general obligations of The Regents.

In December 2011, the LLC, through its conduit issuer, issued Student Housing LLC Revenue Bonds totaling \$94.5 million. Proceeds, including a bond premium of \$1.2 million, were used to refinance the debt of a third party to purchase a student housing project and pay issuance costs. Further, the remaining proceeds, with \$22.7 million in previously restricted bond funds, were used to refund \$103.1 million of outstanding Student Housing LLC Revenue Bonds.

At June 30, 2013, the LLC, through its conduit issuer, has outstanding Student Housing LLC Revenue Bonds totaling \$415.9 million. Proceeds, including a bond premium of \$1.7 million, were used to finance the construction of student housing projects and related amenities and improvements. The bonds mature at various dates through 2040 and have a weighted average interest rate of 5.5 percent.

Research Facilities

The University has a public/private partnership, for the purpose of developing, constructing and managing a neuroscience research laboratory building with a legally separate, non-profit corporation. In connection with the research laboratory building, the University entered into a ground lease with the corporation. The corporation has entered into a sub-ground lease with a developer to construct, own and manage the building. The University agreed to lease all of the space in the building from the developer. The University's base rent payments are equal to the principal and interest payments on the bonds issued by the corporation to finance the construction of the building. As security on the bonds, the developer has assigned all payments received from the University for the space lease to the bond trustee.

All of the board members of the non-profit corporation are appointed by the University and the University has the authority to determine the budget for the corporation. Under GASB requirements, the financial position and operating results of this legally separate organization are incorporated into the University's financial reporting entity.

The corporation, through a conduit issuer, has outstanding tax-exempt revenue bonds totaling \$19.7 million and taxable revenue bonds totaling \$188.0 million. Proceeds, including a bond premium of \$1.8 million, were used to finance the construction of the research building. The tax-exempt revenue bonds mature at various dates from 2021 through 2025 and have a weighted average interest rate of 5.0 percent. They generally have annual serial maturities, semi-annual interest payments and optional redemption provisions. The taxable bonds mature in 2049 and have an interest rate of 6.5 percent. The taxable bonds were issued as Build America Bonds, under which the U.S. Treasury is expected to send the non-profit corporation 35.0 percent of the semi-annual interest cost on the taxable bonds, making the net interest rate 4.2 percent post-subsidy. The bonds have a term maturity with various certain annual sinking fund requirements, semi-annual interest payments and optional redemption provisions.

In addition, the University entered into a ground lease with a legally separate, non-profit corporation (the Consortium). The Consortium entered into an agreement with a developer to develop and own a research laboratory facility designed to expand collaborative work in stem cell research and facilitate its translation into tools and techniques to diagnose and treat degenerative diseases and other ailments. The developer constructed the research laboratory facility. All costs associated with the ownership, operation and management of the laboratory research facility are the obligation of the Consortium. The University, along with the other collaborative research partners, will lease space in the building.

Under GASB requirements, the financial position and operating results of this legally separate organization are incorporated into the University's financial reporting entity.

The Consortium, through its conduit issuer, has outstanding revenue bonds totaling \$59.8 million. Proceeds, including a bond premium of \$3.1 million, were used to finance the construction of the research laboratory facility. The bonds mature at various dates through 2040 and have a weighted average interest rate of 4.9 percent. The bonds generally have annual principal and semiannual interest payments, serial and term maturities, certain sinking fund requirements and optional redemption provisions. Lease payments from the occupants of the building are pledged as collateral on the bonds. To the extent the lease payments are not sufficient to pay the debt service, the University is obligated to pay the shortfall.

Future Debt Service and Hedging Derivative Interest Rate Swaps

Future debt service payments for the University's fixed- and variable-rate debt and net receipts or payments on associated hedging derivative instruments for each of the five fiscal years subsequent to June 30, 2013, and thereafter are as presented below. Although not a prediction by the University of the future interest cost of the variable-rate bonds or the impact of the hedging derivative interest rate swaps, these amounts assume that current interest rates on variable-rate bonds and the current reference rates of the hedging derivative interest rate swaps will remain the same. As these rates vary, variable-rate bond interest payments and net hedging derivative interest rate swap payments will vary.

(in thousands of dollars)

| | COMMERCIAL PAPER | UNIVERSITY REVENUE BONDS | CAPITAL LEASES | | OTHER UNIVERSITY BORROWINGS | BLENDING COMPONENT UNIT REVENUE BONDS | TOTAL PAYMENTS | PRINCIPAL | INTEREST |
|--|---------------------|--------------------------------|--------------------|------------------|-----------------------------------|---|---------------------|---------------------|---------------------|
| | | | STATE | OTHER | | | | | |
| <i>Year Ending June 30</i> | | | | | | | | | |
| 2014 | \$ 1,320,449 | \$ 1,076,891 | \$ 239,831 | \$ 73,243 | \$ 45,526 | \$ 46,310 | \$ 2,802,250 | \$ 2,085,517 | \$ 716,733 |
| 2015 | | 777,826 | 239,186 | 28,151 | 290,146 | 47,220 | 1,382,529 | 692,530 | 689,999 |
| 2016 | | 790,714 | 222,351 | 17,600 | 18,154 | 48,130 | 1,096,949 | 424,747 | 672,202 |
| 2017 | | 769,193 | 224,455 | 11,008 | 11,683 | 62,761 | 1,079,100 | 424,929 | 654,171 |
| 2018 | | 758,084 | 222,814 | 5,995 | 3,473 | 48,218 | 1,038,584 | 402,502 | 636,082 |
| 2019–2023 | | 4,115,250 | 1,067,765 | 4,372 | 7,301 | 251,764 | 5,446,452 | 2,598,409 | 2,848,043 |
| 2024–2028 | | 3,544,629 | 777,353 | 8,322 | 5,034 | 258,959 | 4,594,297 | 2,323,779 | 2,270,518 |
| 2029–2033 | | 3,211,897 | 580,250 | 15,797 | 5,273 | 256,653 | 4,069,870 | 2,404,417 | 1,665,453 |
| 2034–2038 | | 2,772,987 | 101,966 | 27,156 | 5,220 | 253,091 | 3,160,420 | 2,083,754 | 1,076,666 |
| 2039–2043 | | 2,268,716 | | 30,977 | 4,358 | 114,553 | 2,418,604 | 1,834,412 | 584,192 |
| 2044–2048 | | 835,945 | | 3,968 | 3,396 | 68,142 | 911,451 | 572,859 | 338,592 |
| 2049–2112 | | 3,599,858 | | | | 12,878 | 3,612,736 | 932,935 | 2,679,801 |
| Total future debt service | 1,320,449 | 24,521,990 | 3,675,971 | 226,589 | 399,564 | 1,468,679 | 31,613,242 | \$16,780,790 | \$14,832,452 |
| Less: Interest component of future payments | (449) | (12,741,195) | (1,269,231) | (46,940) | (4,285) | (770,352) | (14,832,452) | | |
| Principal portion of future payments | 1,320,000 | 11,780,795 | 2,406,740 | 179,649 | 395,279 | 698,327 | 16,780,790 | | |
| Adjusted by: | | | | | | | | | |
| Unamortized deferred financing costs | | (132,714) | | | | (4,313) | (137,027) | | |
| Unamortized bond premium | | 452,327 | | | | 7,086 | 459,413 | | |
| Present value of net minimum leases included in long-term debt | | | | (3,978) | | | (3,978) | | |
| Total debt | \$1,320,000 | \$12,100,408 | \$2,406,740 | \$175,671 | \$395,279 | \$ 701,100 | \$17,099,198 | | |

Long-term debt does not include \$227.0 million and \$465.2 million of defeased liabilities at June 30, 2013 and 2012, respectively. Investments that have maturities and interest rates sufficient to fund retirement of these liabilities are being held in irrevocable trusts for the debt service payments. Neither the assets of the trusts nor the outstanding obligations are included in the University's statement of net position.

Medical Center Pooled Revenue Bonds of \$80.2 million are variable-rate demand notes which give the debt holders the ability to tender the bonds back to the University upon demand. The University has entered into a bank standby bond purchase agreement to provide funds for the purchase of the bonds that have been tendered and not remarketed. The standby bond purchase agreement is scheduled to terminate on June 30, 2015. The University is required to repurchase any bonds held by the bank on the termination date of the agreement. The University classified \$31.2 million of these bonds as current liabilities as of June 30, 2012.

General Revenue bonds of \$150.0 million are variable-rate demand bonds which reset weekly, and, in the event of a failed remarketing, can be put back to The Regents for tender. The University has classified \$150.0 million of these bonds as current liabilities as of June 30, 2013 and 2012.

As rates vary, variable-rate bond interest payments and net swap payments will vary. Although not a prediction by the University of the future interest cost of the variable-rate bonds or the impact of the interest rate swaps, using rates as of June 30, 2013, combined debt service requirements of the variable-rate debt and net swap payments are as follows:

(in thousands of dollars)

in thousands of dollars

| | VARIABLE-RATE BONDS | | INTEREST RATE SWAP, NET | TOTAL PAYMENTS |
|---------------------|---------------------|------------------|-------------------------|--------------------|
| | PRINCIPAL | INTEREST | | |
| Year Ending June 30 | | | | |
| 2014 | \$ 3,000 | \$ 4,405 | \$ 6,387 | \$ 13,792 |
| 2015 | 3,110 | 4,454 | 6,345 | 13,909 |
| 2016 | 3,230 | 4,485 | 6,301 | 14,016 |
| 2017 | 3,340 | 4,494 | 6,256 | 14,090 |
| 2018 | 3,465 | 4,539 | 6,209 | 14,213 |
| 2019–2023 | 22,680 | 23,048 | 30,286 | 76,014 |
| 2024–2028 | 42,350 | 23,315 | 26,820 | 92,485 |
| 2029–2033 | 45,745 | 23,230 | 21,120 | 90,095 |
| 2034–2038 | 53,177 | 22,823 | 15,372 | 91,372 |
| 2039–2043 | 682,028 | 9,228 | 8,196 | 699,452 |
| 2044–2048 | 17,120 | 206 | 2,266 | 19,592 |
| Total | \$879,245 | \$124,227 | \$135,558 | \$1,139,030 |

13. THE UNIVERSITY OF CALIFORNIA RETIREMENT SYSTEM (UCRS)

Most University employees participate in UCRS. UCRS consists of the University of California Retirement Plan, a single-employer, defined benefit plan funded with University and employee contributions; the University of California Retirement Savings Program that includes four defined contribution plans with options to participate in internally- and externally-managed investment portfolios generally funded with employee non-elective and elective contributions; and the California Public Employees' Retirement System (PERS) Voluntary Early Retirement Incentive Program (PERS-VERIP), a defined benefit plan for University employees who were members of PERS who elected early retirement. The Regents has the authority to establish and amend the benefit plans.

Condensed financial information related to each plan in UCRS for the years ended June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA RETIREMENT PLAN | | UNIVERSITY OF CALIFORNIA RETIREMENT SAVINGS PROGRAM | | UNIVERSITY OF CALIFORNIA PERS-VOLUNTARY EARLY RETIREMENT INCENTIVE PLAN | | TOTAL | |
|--|---|---------------------|--|---------------------|---|-----------------|---------------------|---------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| CONDENSED STATEMENT OF PLANS' FIDUCIARY NET POSITION | | | | | | | | |
| Investments at fair value | \$45,894,422 | \$42,066,296 | \$14,145,161 | \$12,279,193 | \$65,228 | \$63,189 | \$60,104,811 | \$54,408,678 |
| Participants' interests in mutual funds | | | 3,738,538 | 4,426,842 | | | 3,738,538 | 4,426,842 |
| Investment of cash collateral | 4,229,966 | 5,409,671 | 2,304,152 | 2,127,626 | 6,010 | 8,141 | 6,540,128 | 7,545,438 |
| Other assets | 243,895 | 1,125,409 | 194,483 | 438,858 | 105 | 1,141 | 438,483 | 1,565,408 |
| Total assets | 50,368,283 | 48,601,376 | 20,382,334 | 19,272,519 | 71,343 | 72,471 | 70,821,960 | 67,946,366 |
| Collateral held for securities lending | 4,229,697 | 5,407,683 | 2,304,007 | 2,126,843 | 6,010 | 8,138 | 6,539,714 | 7,542,664 |
| Other liabilities | 797,860 | 1,387,208 | 286,279 | 548,844 | 1,231 | 2,090 | 1,085,370 | 1,938,142 |
| Total liabilities | 5,027,557 | 6,794,891 | 2,590,286 | 2,675,687 | 7,241 | 10,228 | 7,625,084 | 9,480,806 |
| Net position held in trust | \$45,340,726 | \$41,806,485 | \$17,792,048 | \$16,596,832 | \$64,102 | \$62,243 | \$63,196,876 | \$58,465,560 |
| CONDENSED STATEMENT OF CHANGES IN PLANS' FIDUCIARY NET POSITION | | | | | | | | |
| Contributions | \$ 1,225,697 | \$ 2,123,880 | \$ 950,286 | \$ 977,749 | | | \$ 2,175,983 | \$ 3,101,629 |
| Net appreciation (depreciation) in fair value of investments | 3,990,041 | (783,531) | 1,110,169 | (192,647) | \$ 5,871 | \$ (1,312) | 5,106,081 | (977,490) |
| Investment and other income, net | 843,298 | 899,392 | 410,410 | 391,056 | 1,273 | 1,403 | 1,254,981 | 1,291,851 |
| Total additions | 6,059,036 | 2,239,741 | 2,470,865 | 1,176,158 | 7,144 | 91 | 8,537,045 | 3,415,990 |
| Benefit payment and participant withdrawals | 2,487,369 | 2,273,073 | 1,268,234 | 846,375 | 5,278 | 5,369 | 3,760,881 | 3,124,817 |
| Plan expense | 37,426 | 32,838 | 7,415 | 8,566 | 7 | 7 | 44,848 | 41,411 |
| Total deductions | 2,524,795 | 2,305,911 | 1,275,649 | 854,941 | 5,285 | 5,376 | 3,805,729 | 3,166,228 |
| Increase in net position held in trust | 3,534,241 | (66,170) | 1,195,216 | 321,217 | 1,859 | (5,285) | 4,731,316 | 249,762 |
| Net position held in trust | | | | | | | | |
| Beginning of year | 41,806,485 | 41,872,655 | 16,596,832 | 16,275,615 | 62,243 | 67,528 | 58,465,560 | 58,215,798 |
| End of year | \$45,340,726 | \$41,806,485 | \$17,792,048 | \$16,596,832 | \$64,102 | \$62,243 | \$63,196,876 | \$58,465,560 |

Additional information on the retirement plans can be obtained from the 2012-2013 annual report of the University of California Retirement System.

University of California Retirement Plan

The University of California Retirement Plan (UCRP) provides lifetime retirement income, disability protection, death benefits and pre-retirement survivor benefits to eligible employees of the University of California and its affiliates. Membership in the retirement plan is required for all employees appointed to work at least 50 percent time for an indefinite period or for a definite period of a year or more. An employee may also become eligible by completing 1,000 hours of service within a 12-month period. Generally, five years of service are required for entitlement to plan benefits. The amount of the pension benefit is determined by salary rate, age and years of service credit with certain cost-of-living adjustments. The maximum monthly benefit is 100 percent of the employee's highest average compensation over a consecutive 36-month period, subject to certain limits imposed under the Internal Revenue Code.

The University's membership in UCRP consisted of the following at July 1, 2012, the date of the latest actuarial valuation:

| | CAMPUSES AND MEDICAL CENTERS | DOE NATIONAL LABORATORIES | UNIVERSITY OF CALIFORNIA |
|--|---------------------------------|------------------------------|-----------------------------|
| Retirees and beneficiaries receiving benefits | 46,233 | 12,701 | 58,934 |
| Inactive members entitled to, but not yet receiving benefits | 54,859 | 12,459 | 67,318 |
| Active members: | | | |
| Vested | 70,865 | 1,731 | 72,596 |
| Nonvested | 43,315 | 977 | 44,292 |
| Total active members | 114,180 | 2,708 | 116,888 |
| Total membership | 215,272 | 27,868 | 243,140 |

Contribution Policy

The Regents' contribution funding policy is based on a percentage of payroll using the entry age normal actuarial cost method. In determining the funding policy contribution, all July 1, 2010, amortization bases were combined to a single amortization base and amortized over a 30-year period as a level dollar amount.

The total funding policy contribution rates as of July 1, 2012, are based on all of the Plan data, the actuarial assumptions and the Plan provisions adopted at the time of preparation of the actuarial valuation. They include all changes affecting future costs, adopted benefit changes, actuarial gains and losses and changes in the actuarial assumptions. Employee contributions by represented employees are subject to collective bargaining agreements. University and employee contributions were \$810.1 million and \$415.6 million, respectively, during the year ended June 30, 2013. University and employee contributions were \$1.9 billion and \$272.4 million, respectively, during the year ended June 30, 2012.

LBNL is required to make employer and employee contributions in conformity with The Regents' policy. LBNL contributed \$28.4 million and \$19.9 million to UCRP in 2013 and 2012, respectively.

In addition, under certain circumstances the University makes contributions to UCRP in behalf of LANL and LLNL retirees based upon a contractual arrangement with the DOE designed to maintain the 100 percent funded status of the LANL and LLNL segments within UCRP, and is reimbursed by the DOE. As of June 30, 2012, the University reported receivables from the DOE and payables to UCRP of \$306.8 million for contributions that were scheduled to be paid under the DOE contract in February 2013. Due to federal budget constraints, the DOE only paid \$226.5 million in 2013. The University reports receivables from DOE and payables to UCRP for amounts that have been approved for payment in the federal budget. As of June 30, 2013, the University did not report any amounts due from DOE or payable to UCRP for contributions.

Employee contributions to UCRP are accounted for separately and currently accrue interest at 6.0 percent annually. Upon termination, members may elect a refund of their contributions plus accumulated interest; vested terminated members who are eligible to retire may also elect monthly retirement income or a lump sum equal to the present value of their accrued benefits.

UCRP Benefits and Obligation to UCRP

The University's annual UCRP benefit expense is independently calculated for the campuses and medical centers and the DOE laboratories based upon the actuarially-determined annual required contributions. The annual required contribution represents the level of funding that, if paid on an ongoing basis, is projected to cover the normal cost each year and amortize unfunded actuarial liabilities or surplus over a period of up to 30 years.

The University's annual UCRP benefit expense and related information for the years ended June 30, 2013 and 2012, segregated between the University and the DOE responsibility, is as follows:

(in thousands of dollars)

| | CAMPUSES AND MEDICAL CENTERS | | DOE NATIONAL LABORATORIES | | UNIVERSITY OF CALIFORNIA | |
|--|------------------------------|--------------------|---------------------------|--------------------|--------------------------|--------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| Actuarial valuation date | July 1, 2012 | July 1, 2011 | July 1, 2012 | July 1, 2011 | July 1, 2012 | July 1, 2011 |
| Annual required contribution | \$2,076,760 | \$1,904,435 | \$189,874 | \$ 157,587 | \$2,266,634 | \$2,062,022 |
| Interest on obligation to UCRP | 165,182 | 138,046 | (21,233) | (8,637) | 143,949 | 129,409 |
| Adjustment to annual required contribution | (188,865) | (157,478) | 23,971 | 9,751 | (164,894) | (147,727) |
| Annual UCRP cost | 2,053,077 | 1,885,003 | 192,612 | 158,701 | 2,245,689 | 2,043,704 |
| University contributions to UCRP | (859,064) | (1,523,187) | 51,391 | (326,641) | (807,673) | (1,849,828) |
| Increase (decrease) in obligation to UCRP | 1,194,013 | 361,816 | 244,003 | (167,940) | 1,438,016 | 193,876 |
| Obligation to UCRP | | | | | | |
| Beginning of year | 2,202,424 | 1,840,608 | (283,104) | (115,164) | 1,919,320 | 1,725,444 |
| End of year | \$3,396,437 | \$2,202,424 | \$ (39,101) | \$(283,104) | \$3,357,336 | \$1,919,320 |
| DOE receivable for obligation to UCRP: | | | | | | |
| Current | | | | \$ 306,723 | | \$ 306,723 |
| Total | | | | 306,723 | | 306,723 |
| DOE liability for obligation to UCRP: | | | | | | |
| Noncurrent | | | \$ 39,101 | 283,104 | 39,101 | 283,104 |
| Total | | | 39,101 | 283,104 | 39,101 | 283,104 |
| Net receivable for obligation to UCRP | | | \$ (39,101) | \$ 23,619 | \$ (39,101) | \$ 23,619 |

The annual UCRP benefit cost, percentage of the annual UCRP benefit cost contributed to UCRP and the net obligation to UCRP for the University for the year ended June 30, 2013 and the preceding years are as follows:

(in thousands of dollars)

| | CAMPUSES AND MEDICAL CENTERS | DOE NATIONAL LABORATORIES | UNIVERSITY OF CALIFORNIA |
|---|------------------------------|---------------------------|--------------------------|
| Annual UCRP benefit cost: | | | |
| June 30, 2013 | \$2,053,077 | \$192,612 | \$2,245,689 |
| June 30, 2012 | 1,885,003 | 158,701 | 2,043,704 |
| June 30, 2011 | 1,681,138 | 113,486 | 1,794,624 |
| Percentage of annual cost contributed: | | | |
| June 30, 2013 | 41.8% | (26.7%) | 36.0% |
| June 30, 2012 | 80.8 | 205.8 | 90.5 |
| June 30, 2011 | 85.8 | 207.1 | 93.4 |
| Net obligation (benefit) to UCRP: | | | |
| June 30, 2013 | \$3,396,437 | \$ (39,101) | \$3,357,336 |
| June 30, 2012 | 2,202,424 | (283,104) | 1,919,320 |
| June 30, 2011 | 1,840,608 | (115,164) | 1,725,444 |

Funded Status

Actuarial valuations represent a long-term perspective and involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. The projection of benefits does not explicitly incorporate the potential effects of the results of collective bargaining discussions on the contribution rate. Actuarially-determined amounts are subject to periodic revisions as actual results are compared with past expectations and new estimates are made about the future.

All UCRP assets are available to pay any member's benefit. However, assets and liabilities for the campus and medical center segment of UCRP are internally tracked separately from the DOE national laboratory segments of UCRP.

The funded status of UCRP as of July 1, 2012 was as follows:

(in thousands of dollars)

| | CAMPUSES AND MEDICAL CENTERS | DOE NATIONAL LABORATORIES | UNIVERSITY OF CALIFORNIA |
|---|---------------------------------|------------------------------|-----------------------------|
| Actuarial value of plan assets | \$ 35,728,600 | \$ 7,236,428 | \$ 42,965,028 |
| Actuarial accrued liability | (45,762,640) | (8,856,980) | (54,619,620) |
| Unfunded actuarial accrued liability | \$(10,034,040) | \$(1,620,552) | \$(11,654,592) |
| Funded ratio | 78.1% | 81.7% | 78.7% |
| Covered payroll | \$ 8,333,655 | \$ 264,459 | \$ 8,598,114 |
| Unfunded actuarial accrued liability as a percentage of covered payroll | (120.4)% | (612.8)% | (135.5)% |

The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, includes multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based upon the plan as understood by the University and plan members, and include the types of benefits provided at the time of each valuation and the historical cost pattern of sharing of benefit costs between the University and plan members to that point. The actuarial methods and assumptions used included techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

Significant actuarial methods and assumptions used in the valuation were:

- assumed return on investment of 7.5 percent per year;
- projected salary increases ranging from 4.3 to 6.8 percent per year;
- projected inflation at 3.5 percent;
- Entry Age Normal actuarial cost method;
- future life expectancy based upon recent group mortality experience; and
- assumed retirement ages, employee turnover and disability rates based on actual plan experience and future expectations for campuses, medical centers and LBNL.

The actuarial value of assets was determined by smoothing the effect of short-term volatility in the fair value of investments over a five-year period. The amortization period for the excess of actuarial accrued liability over the actuarial value of assets at July 1, 2012, for campuses and medical centers, the DOE national laboratories and total UCRP was 24 years for each.

University of California Retirement Savings Program

The University of California Retirement Savings Program includes four defined contribution plans providing retirement savings incentives that are generally available to all University employees. Participants' interests in the plans are fully and immediately vested and are distributable at retirement, termination of employment or death. Participants may also elect to defer distribution of the account until age 70½ or separation from service after age 70½, whichever is later, in accordance with Internal Revenue Code minimum distribution requirements. The plans also accept qualified rollover contributions.

Defined Contribution Plans

The Defined Contribution Plan (DC Plan) accepts both after-tax and pretax employee contributions that are fully vested. Pretax contributions are mandatory for all employees who are members of UCRP, as well as Safe Harbor participants (part-time, seasonal and temporary employees) who are not covered by Social Security. For UCRP members, monthly employee contributions range from approximately 2.0 percent to 4.0 percent of covered wages depending upon whether wages are below or above the Social Security wage base. For Safe Harbor participants, monthly employee contributions are 7.5 percent of covered wages. In April 2010, pre-tax employee contributions were discontinued, subject to collective bargaining for represented employees.

The University has a provision for matching employer and employee contributions to the DC Plan for certain summer session teaching or research compensation for eligible academic employees. The University may also make contributions in behalf of certain members of management. Employer contributions to the DC Plan were \$1.5 million and \$4.4 million for the years ended June 30, 2013 and 2012, respectively.

The Supplemental Defined Contribution Plan (SDC Plan) accepts employer contributions in behalf of certain designated employees. Employer contributions are fully vested and there is no provision for employee contributions. There were no employer contributions to the SDC Plan for the years ended June 30, 2012.

Tax Deferred 403(b) Plan

The University's Tax-Deferred 403(b) Plan (403(b) Plan) accepts pretax employee contributions. The University may also make contributions in behalf of certain members of management. Employer contributions to the 403(b) Plan were \$1.4 million and \$1.6 million for the years ended June 30, 2013 and 2012, respectively.

457(b) Deferred Compensation Plan

The University's 457(b) Deferred Compensation Plan (457(b) Plan) accepts pretax employee contributions. The University may also make contributions in behalf of certain members of management. There were no employer contributions to the 457(b) Plan for the years ended June 30, 2013 and 2012.

Participants in the DC Plan, the SDC Plan, the 403(b) Plan and the 457(b) Plan may direct their elective and nonelective contributions to investment funds managed by the Chief Investment Officer. They may also invest account balances in certain mutual funds. The participants' interests in mutual funds is shown separately in the statement of plans' fiduciary net position.

University of California PERS–VERIP

The University of California PERS–VERIP is a defined benefit pension plan providing lifetime supplemental retirement income and survivor benefits to UC–PERS members who elected early retirement under provisions of the plan.

The University contributed to PERS in behalf of these UC–PERS members. As of July 1, 2013, there are 659 retirees or beneficiaries receiving benefits under this voluntary early retirement program.

The University and the DOE laboratories previously made contributions to the plan sufficient to maintain the promised benefits. The annual required contribution, net obligation to PERS–VERIP and any changes or adjustments to that obligation are all zero for the years ending June 30, 2013 and 2012.

14. RETIREE HEALTH BENEFIT COSTS AND OBLIGATIONS

The University administers single-employer health and welfare plans to provide health and welfare benefits, primarily medical, dental and vision, to eligible retirees and their eligible family members (retirees) of the University of California and its affiliates. The Regents has the authority to establish and amend the plans. Additional information can be obtained from the 2011–2012 annual report of the University of California Retiree Health Benefit Trust.

Membership in UCRP is required to become eligible for retiree health benefits. Participation in the retiree health benefit plans consisted of the following at July 1, 2012, the date of the latest actuarial valuation:

| | CAMPUSES AND MEDICAL CENTERS | LBNL | UNIVERSITY OF CALIFORNIA |
|--|---------------------------------|--------------|--------------------------|
| Retirees who are currently receiving benefits | 35,872 | 1,702 | 37,574 |
| Employees who may receive benefits at retirement | 115,586 | 3,266 | 118,852 |
| Total membership | 151,458 | 4,968 | 156,426 |

Contribution Policy

The contribution requirements of the University and eligible retirees are established and may be amended by the University. The contribution requirements are based upon projected pay-as-you-go financing. University and retiree contributions toward premiums made under purchased plan arrangements are determined by applying the health plan contract rates across the number of participants in the respective plans. Premium rates for the self-insured plan contributions are set by the University based upon a trend analysis of the historic cost, utilization, demographics and administrative expenses to provide for the claims incurred and the actuarially-determined level of incurred but not reported liability.

Contributions toward medical and dental benefits are shared between the University and the retiree. Contributions toward wellness benefits are made by the University. The University does not contribute toward the cost of other benefits available to retirees. Retirees employed by the University prior to 1990 and not rehired after that date are eligible for the University's maximum contribution if they retire before age 55 and have at least 10 years of service, or if they retire at age 55 or later and have at least 5 years of service. Retirees employed by the University after 1989 are subject to graduated eligibility provisions that generally require 10 years of service before becoming eligible for 50 percent of the maximum University contribution, increasing to 100 percent after 20 years of service.

Effective July 2013, retirees who are employed by the University after July 1, 2013, and retire at the age of 56 or older, become eligible for a percentage of the University's contribution based on age and years of service. Retirees are eligible for the maximum University contribution at age 65 with 20 or more years of service.

Active employees do not make any contributions toward the retiree health benefit plans. Retirees pay the excess, if any, of the premium over the applicable portion of the University's contribution.

In addition to the explicit University contribution provided to retirees, there is an "implicit subsidy." The gross premiums for members that are not currently eligible for Medicare benefits are the same for active employees and retirees, based on a blend of their health costs. Retirees, on average, are expected to have higher health care costs than active employees. This is primarily due to the older average age of retirees. Since the same gross premiums apply to both groups, the premiums paid for active employees by the University are subsidizing the premiums for retirees. This effect is called the implicit subsidy. The implicit subsidy associated with retiree health costs paid during the past year is also considered to be a contribution from the University.

Retiree Health Benefit Expense and Obligation for Retiree Health Benefits

The University's retiree health benefit expense is independently calculated for the campuses and medical centers and LBNL based upon the actuarially-determined annual required contribution. The annual required contribution represents the level of funding that, if paid on an ongoing basis, is projected to cover the normal cost each year and amortize unfunded actuarial liabilities over a period of up to 30 years.

The University's annual retiree health benefit expense and related information for the years ended June 30, 2013 and 2012, segregated between the University and the DOE responsibility, is as follows:

(in thousands of dollars)

| | CAMPUSES AND MEDICAL CENTERS | | LBNL | | UNIVERSITY OF CALIFORNIA | |
|---|------------------------------|--------------------|------------------|------------------|--------------------------|--------------------|
| | 2013 | 2012 | 2013 | 2012 | 2013 | 2012 |
| Actuarial valuation date | July 1, 2012 | July 1, 2011 | July 1, 2012 | July 1, 2011 | July 1, 2012 | July 1, 2011 |
| Annual required contribution | \$1,748,881 | \$1,761,348 | \$ 58,609 | \$ 60,835 | \$1,807,490 | \$1,822,183 |
| Interest on obligations for retiree health benefits | 344,448 | 281,054 | 10,175 | 8,104 | 354,623 | 289,158 |
| Adjustment to annual required contribution | (684,131) | (543,440) | (20,140) | (15,638) | (704,271) | (559,078) |
| Annual retiree health benefit cost | 1,409,198 | 1,498,962 | 48,644 | 53,301 | 1,457,842 | 1,552,263 |
| University contributions: | | | | | | |
| To UCRHBT | (224,989) | (292,279) | | | (224,989) | (292,279) |
| To health care insurers and administrators | | | (13,110) | (13,257) | (13,110) | (13,257) |
| Implicit subsidy | (86,218) | (54,074) | (3,837) | (2,397) | (90,055) | (56,471) |
| Total contributions | (311,207) | (346,353) | (16,947) | (15,654) | (328,154) | (362,007) |
| Increase in obligations for retiree health benefits | 1,097,991 | 1,152,609 | 31,697 | 37,647 | 1,129,688 | 1,190,256 |
| Obligations for retiree health benefits | | | | | | |
| Beginning of year | 6,262,682 | 5,110,073 | 184,996 | 147,349 | 6,447,678 | 5,257,422 |
| End of year | \$7,360,673 | \$6,262,682 | \$216,693 | \$184,996 | \$7,577,366 | \$6,447,678 |
| Retiree health care reimbursement from the DOE during the year | | | 13,110 | 13,257 | 13,110 | 13,257 |
| DOE receivable for obligations for retiree health benefits | | | | | | |
| Noncurrent | | | 216,693 | 184,996 | 216,693 | 184,996 |
| Total | | | \$216,693 | \$184,996 | \$ 216,693 | \$ 184,996 |

The annual retiree health benefit cost, percentage of the annual retiree health benefit cost contributed to the retiree health benefit plan and the net obligation for retiree health benefits for the University for the year ended June 30, 2013, and the preceding years are as follows:

(in thousands of dollars)

| | CAMPUSES AND MEDICAL CENTERS | DOE NATIONAL LABORATORIES | UNIVERSITY OF CALIFORNIA |
|---|------------------------------|---------------------------|--------------------------|
| <i>Annual retiree health benefit cost:</i> | | | |
| June 30, 2013 | \$1,409,198 | \$ 48,644 | \$1,457,842 |
| June 30, 2012 | 1,498,962 | 53,301 | 1,552,263 |
| June 30, 2011 | 1,754,620 | 58,285 | 1,812,905 |
| <i>Percentage of annual cost contributed:</i> | | | |
| June 30, 2013 | 22.1% | 34.8% | 22.6% |
| June 30, 2012 | 23.2 | 29.4 | 23.4 |
| June 30, 2011 | 17.9 | 26.4 | 18.2 |
| <i>Net obligation to the health benefit plan:</i> | | | |
| June 30, 2013 | \$7,360,673 | \$216,693 | \$7,577,366 |
| June 30, 2012 | 6,262,682 | 184,996 | 6,447,678 |
| June 30, 2011 | 5,110,073 | 147,349 | 5,257,422 |

Funded Status

Actuarial valuations represent a long-term perspective and involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, investment return and health care cost trends. The projection of benefits does not explicitly incorporate the potential effects of the results of collective bargaining discussions on the contribution rate. Actuarially-determined amounts are subject to periodic revisions as actual rates are compared with past expectations and new estimates are made about the future.

The funded status of the plan as of July 1, 2012 was as follows:

(in thousands of dollars)

| | CAMPUSES AND MEDICAL CENTERS | LBNL | UNIVERSITY OF CALIFORNIA |
|---|---------------------------------|---------------------|--------------------------|
| Actuarial value of plan assets | \$ 97,435 | | \$ 97,435 |
| Actuarial accrued liability | (14,559,017) | \$ (511,704) | (15,070,721) |
| Unfunded actuarial accrued liability | \$ (14,461,582) | \$ (511,704) | \$ (14,973,286) |
| Value of the implicit subsidy included in the actuarial accrued liability | \$ 2,686,521 | \$ 97,755 | \$ 2,784,276 |
| Funded ratio | 0.7% | 0.0% | 0.6% |
| Covered payroll | \$ 8,333,654 | \$ 264,460 | \$ 8,598,114 |
| Unfunded actuarial accrued liability as a percentage of covered payroll | (173.5)% | (193.5)% | (174.1)% |

The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, includes multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based upon the plan as understood by the University and plan members, and include the types of benefits provided at the time of each valuation and the historical cost pattern of sharing of benefit costs between the University and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

Significant actuarial methods and assumptions used in the valuation were:

- assumed return on investment of 5.5 percent per year, representing the return on the University's assets expected to be used to finance benefits;
- market value of assets smoothed over a five-year period;
- health care cost trend rate ranging from 8.0 to 11.5 percent for non-Medicare and 7.0 to 17.5 percent for Medicare initially, depending on the type of plan, reduced by increments to an ultimate rate of 5 percent over 11 years;
- projected inflation at 3.5 percent;
- amortization of the initial unfunded actuarial accrued liability over 30 years as a flat dollar amount on a closed basis;
- amortization of future actuarial gains and losses over 15 years as a flat dollar amount on a closed basis;
- amortization of the effects of changes in the plan design, or changes in assumptions, over 30 years as a flat dollar amount on a closed basis;
- Entry Age Normal level-dollar actuarial cost method;
- future life expectancy based upon recent group mortality experience; and
- assumed retirement ages, employee turnover and disability rates based on actual plan experience and future expectations.

15. ENDOWMENTS AND GIFTS

Endowments and gifts are held and administered either by the University or by campus foundations.

University of California

The value of endowments and gifts held and administered by the University, exclusive of income distributed to be used for operating purposes, at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA | | | |
|--|-----------------------------|--------------------------|--------------------|--------------------|
| | RESTRICTED NONEXPENDABLE | RESTRICTED EXPENDABLE | UNRESTRICTED | TOTAL |
| <i>At June 30, 2013</i> | | | | |
| Endowments | \$1,066,828 | \$1,714,504 | \$ 4,145 | \$2,785,477 |
| Funds functioning as endowments | | 2,057,892 | 1,534,010 | 3,591,902 |
| Annuity and life income | 19,896 | 5,325 | | 25,221 |
| Gifts | | 1,050,886 | 13,225 | 1,064,111 |
| University endowments and gifts | \$1,086,724 | \$4,828,607 | \$1,551,380 | \$7,466,711 |
| <i>At June 30, 2012</i> | | | | |
| Endowments | \$1,033,800 | \$1,521,854 | \$ 3,822 | \$2,559,476 |
| Funds functioning as endowments | | 2,038,194 | 1,365,236 | 3,403,430 |
| Annuity and life income | 23,387 | 4,284 | | 27,671 |
| Gifts | | 1,052,006 | 14,936 | 1,066,942 |
| University endowments and gifts | \$1,057,187 | \$4,616,338 | \$1,383,994 | \$7,057,519 |

The University's endowment income distribution policies are designed to preserve the value of the endowment in real terms (after inflation) and to generate a predictable stream of spendable income. Endowment investments are managed to achieve the maximum long-term total return. As a result of this emphasis on total return, the proportion of the annual income distribution provided by dividend and interest income and by capital gains may vary significantly from year to year. The University's policy is to retain the realized and unrealized appreciation with the endowment after the annual income distribution has been made. The net appreciation available to meet future spending needs, subject to the approval of The Regents, amounted to \$1.7 billion and \$1.5 billion at June 30, 2013 and 2012, respectively.

The portion of investment returns earned on endowments held by the University and distributed at the end of each year to support current operations for the following year is based upon a rate that is approved by The Regents. The annual income distribution transferred to the campuses from endowments held by the University was \$213.1 million and \$217.5 million for the years ended June 30, 2013 and 2012, respectively. The portion of this annual income distribution from accumulated capital gains, in addition to the dividend and interest income earned during the year, was \$170.0 million and \$157.1 million for the years ended June 30, 2013 and 2012, respectively. Accumulated endowment income available for spending in the future, including the annual income distribution, was \$537.4 million and \$534.7 million at June 30, 2013 and 2012, respectively.

Campus Foundations

The value of endowments and gifts held by the campus foundations and administered by each of their independent Board of Trustees at June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | | |
|---|---|--------------------------|------------------|--------------------|
| | RESTRICTED NONEXPENDABLE | RESTRICTED EXPENDABLE | UNRESTRICTED | TOTAL |
| <i>At June 30, 2013</i> | | | | |
| Endowments | \$2,741,923 | \$ 816,885 | | \$3,558,808 |
| Funds functioning as endowments | | 1,183,978 | | 1,183,978 |
| Annuity and life income | 88,074 | 50,705 | | 138,779 |
| Gifts | | 1,269,456 | \$ 94,801 | 1,364,257 |
| Campus foundations' endowments and gifts | \$2,829,997 | \$3,321,024 | \$94,801 | \$6,245,822 |
| <i>At June 30, 2012</i> | | | | |
| Endowments | \$2,508,383 | \$ 613,063 | | \$3,121,446 |
| Funds functioning as endowments | | 1,019,664 | | 1,019,664 |
| Annuity and life income | 78,107 | 67,566 | | 145,673 |
| Gifts | | 1,101,562 | \$ 147,096 | 1,248,658 |
| Campus foundations' endowments and gifts | \$2,586,490 | \$2,801,855 | \$147,096 | \$5,535,441 |

The campus foundations provided grants to the University's campuses totaling \$632.1 million and \$559.3 million during the years ended June 30, 2013 and 2012, respectively.

16. SEGMENT INFORMATION

The University's significant identifiable activities for which revenue bonds may be outstanding where revenue is pledged in support of revenue bonds are related to the University's medical centers. The medical centers' operating revenues and expenses consist primarily of revenues associated with patient care and the related costs of providing that care.

Condensed financial statement information related to each of the University's medical centers for the years ended June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA MEDICAL CENTERS | | | | |
|--|--|-------------------|---------------------|-------------------|--------------------|
| | DAVIS | IRVINE | LOS ANGELES | SAN DIEGO | SAN FRANCISCO |
| <i>Year Ended June 30, 2013</i> | | | | | |
| Revenue bonds outstanding | \$ 314,344 | \$ 281,850 | \$ 636,325 | \$ 172,497 | \$ 843,749 |
| Related debt service payments | \$ 31,546 | \$ 23,067 | \$ 41,768 | \$ 14,176 | \$ 54,212 |
| Bonds due serially through | 2047 | 2049 | 2049 | 2047 | 2049 |
| CONDENSED STATEMENT OF NET POSITION | | | | | |
| Current assets | \$ 556,367 | \$ 343,216 | \$ 1,150,209 | \$ 472,195 | \$ 845,274 |
| Capital assets, net | 1,077,727 | 725,978 | 1,911,573 | 908,868 | 1,630,307 |
| Other assets | 27,641 | 23,225 | 27,057 | 13,461 | 37,316 |
| Total assets | 1,661,735 | 1,092,419 | 3,088,839 | 1,394,524 | 2,512,897 |
| Total deferred outflows of resources | | | 34,623 | | 11,135 |
| Current liabilities | 259,868 | 162,166 | 366,885 | 215,763 | 288,801 |
| Long-term debt | 320,143 | 295,822 | 703,166 | 190,352 | 842,957 |
| Other noncurrent liabilities | | 5,000 | 126,258 | 3,393 | 69,682 |
| Total liabilities | 580,011 | 462,988 | 1,196,309 | 409,508 | 1,201,440 |
| Invested in capital assets, net of debt | 696,397 | 427,435 | 1,149,607 | 677,957 | 748,754 |
| Restricted | | | 12,135 | | 21,862 |
| Unrestricted | 385,327 | 201,996 | 765,411 | 307,059 | 551,976 |
| Total net position | \$1,081,724 | \$ 629,431 | \$ 1,927,153 | \$ 985,016 | \$1,322,592 |
| CONDENSED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION | | | | | |
| Operating revenues | \$ 1,476,447 | \$ 825,950 | \$ 1,914,453 | \$ 1,137,088 | \$ 2,164,309 |
| Operating expenses | (1,301,772) | (695,795) | (1,594,375) | (944,223) | (1,940,525) |
| Depreciation expense | (88,238) | (56,887) | (110,964) | (52,314) | (100,801) |
| Operating income | 86,437 | 73,268 | 209,114 | 140,551 | 122,983 |
| Nonoperating revenues (expenses), net | (11,116) | (12,102) | (8,044) | (3,502) | 11,878 |
| Income before other changes in net position | 75,321 | 61,166 | 201,070 | 137,049 | 134,861 |
| State and federal capital appropriations | | | | | |
| Health systems support | (24,230) | (41,123) | (102,990) | (52,724) | (58,224) |
| Transfers (to) from University, net | 8,201 | 3,975 | | 30,610 | 68,802 |
| Other, including donated assets | 86 | | 6,666 | 11,331 | 7,993 |
| Increase in net position | 59,378 | 24,018 | 104,746 | 126,266 | 153,432 |
| Net position — beginning of year | | | | | |
| Beginning of year, as previously reported | 1,022,346 | 605,413 | 1,826,302 | 858,750 | 1,169,160 |
| Restatement of beginning of year net position | | | (3,895) | | |
| Beginning of year, as restated | 1,022,346 | 605,413 | 1,822,407 | 858,750 | 1,169,160 |
| Net position — June 30, 2013 | \$1,081,724 | \$ 629,431 | \$ 1,927,153 | \$ 985,016 | \$1,322,592 |
| CONDENSED STATEMENT OF CASH FLOWS | | | | | |
| Net cash provided (used) by: | | | | | |
| Operating activities | \$ 177,777 | \$ 129,859 | \$ 221,291 | \$ 244,872 | \$ 228,948 |
| Noncapital financing activities | (10,785) | (41,570) | (99,697) | (51,249) | (57,673) |
| Capital and related financing activities | (75,409) | (89,519) | (183,518) | (127,619) | (394,859) |
| Investing activities | 4,823 | 18,725 | 17,573 | (811) | 380,146 |
| Net increase (decrease) in cash and cash equivalents | 96,406 | 17,495 | (44,351) | 65,193 | 156,562 |
| Cash and cash equivalents* — June 30, 2012 | 158,203 | 141,335 | 745,095 | 120,359 | 256,924 |
| Cash and cash equivalents* — June 30, 2013 | \$ 254,609 | \$ 158,830 | \$ 700,744 | \$ 185,552 | \$ 413,486 |

* Cash and cash equivalents on the medical centers' financial statements are included in the University's Short Term Investment Pool.

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA MEDICAL CENTERS | | | | |
|--|--|-------------------|--------------------|-------------------|--------------------|
| | DAVIS | IRVINE | LOS ANGELES | SAN DIEGO | SAN FRANCISCO |
| <i>Year Ended June 30, 2012</i> | | | | | |
| Revenue bonds outstanding | \$ 329,874 | \$ 288,495 | \$ 644,120 | \$ 176,387 | \$ 847,234 |
| Related debt service payments | \$ 31,880 | \$ 23,071 | \$ 41,471 | \$ 14,184 | \$ 54,187 |
| Bonds due serially through | 2047 | 2049 | 2049 | 2047 | 2049 |
| CONDENSED STATEMENT OF NET POSITION | | | | | |
| Current assets | \$ 422,067 | \$ 315,375 | \$ 1,063,967 | \$ 406,345 | \$ 677,524 |
| Capital assets, net | 1,122,623 | 726,428 | 1,862,415 | 796,358 | 1,297,071 |
| Other assets | 26,162 | 39,542 | 31,366 | 11,226 | 402,363 |
| Total assets | 1,570,852 | 1,081,345 | 2,957,748 | 1,213,929 | 2,376,958 |
| Total deferred outflows of resources | | | 52,752 | | 16,743 |
| Current liabilities | 192,730 | 154,785 | 307,700 | 138,731 | 263,972 |
| Long-term debt | 355,776 | 316,147 | 722,614 | 214,371 | 889,407 |
| Other noncurrent liabilities | | 5,000 | 153,884 | 2,077 | 71,162 |
| Total liabilities | 548,506 | 475,932 | 1,184,198 | 355,179 | 1,224,541 |
| Invested in capital assets, net of debt | 727,648 | 420,363 | 1,051,459 | 557,388 | 759,131 |
| Restricted | | | 17,553 | | 16,970 |
| Unrestricted | 294,698 | 185,050 | 757,290 | 301,362 | 393,059 |
| Total net position | \$1,022,346 | \$ 605,413 | \$1,826,302 | \$ 858,750 | \$1,169,160 |
| CONDENSED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION | | | | | |
| Operating revenues | \$1,337,229 | \$ 734,569 | \$ 1,820,321 | \$1,044,942 | \$ 1,977,134 |
| Operating expenses | (1,207,599) | (628,497) | (1,485,709) | (903,947) | (1,791,290) |
| Depreciation expense | (84,821) | (48,414) | (104,124) | (45,110) | (90,259) |
| Operating income | 44,809 | 57,658 | 230,488 | 95,885 | 95,585 |
| Nonoperating revenues (expenses), net | (9,936) | (10,513) | (38,722) | 220 | 5,161 |
| Income before other changes in net position | 34,873 | 47,145 | 191,766 | 96,105 | 100,746 |
| State and federal capital appropriations | | | | 29,828 | |
| Health systems support | (1,077) | (53,182) | (88,768) | (46,712) | (59,484) |
| Transfers (to) from University, net | 42,403 | (8,739) | | 46,746 | |
| Other, including donated assets | | | 8,182 | 11,399 | 4,394 |
| Increase in net position | 76,199 | (14,776) | 111,180 | 107,538 | 45,656 |
| Net position — June 30, 2011 | 946,147 | 620,189 | 1,715,122 | 751,212 | 1,123,504 |
| Net position — June 30, 2012 | \$1,022,346 | \$ 605,413 | \$1,826,302 | \$ 858,750 | \$1,169,160 |
| CONDENSED STATEMENT OF CASH FLOWS | | | | | |
| Net cash provided (used) by: | | | | | |
| Operating activities | \$ 141,721 | \$ 76,905 | \$ 334,627 | \$ 67,979 | \$203,221 |
| Noncapital financing activities | 4,476 | (53,172) | (92,391) | (44,789) | (57,511) |
| Capital and related financing activities | (101,162) | (86,297) | (180,236) | (97,105) | (509,654) |
| Investing activities | 7,584 | 28,207 | 85,032 | 4,368 | 271,860 |
| Net increase in cash and cash equivalents | 52,619 | (34,357) | 147,032 | (69,547) | (92,084) |
| Cash and cash equivalents* — June 30, 2011 | 105,584 | 175,692 | 598,063 | 189,906 | 349,008 |
| Cash and cash equivalents* — June 30, 2012 | \$ 158,203 | \$ 141,335 | \$ 745,095 | \$ 120,359 | \$ 256,924 |

* Cash and cash equivalents on the medical centers' financial statements are included in the University's Short Term Investment Pool.

Summarized financial information for each medical center is from their audited financial statements. Certain revenue, such as financial support from the state for clinical teaching programs, is classified as state educational appropriations rather than medical center revenue in the University's statement of revenues, expenses and changes in net position. However, in the medical centers' audited financial statements and for segment reporting purposes, these revenues are classified as operating revenue. Additional information on the individual University of California Medical Centers can be obtained from their audited financial statements.

Multiple purpose and housing system projects (including student and faculty housing, parking facilities, student centers, recreation and events facilities, student health service facilities and certain academic and administrative facilities) are also financed by revenue bonds; however, assets and liabilities are not required to be accounted for separately.

17. CAMPUS FOUNDATION INFORMATION

Under University policies approved by The Regents, each individual campus may establish a separate foundation to provide valuable assistance in fundraising, public outreach and other support for the missions of the campus and the University. Although independent boards govern these foundations, their assets are dedicated for the benefit of the University of California.

Condensed financial statement information related to the University's campus foundations, including their allocated share of the assets and liabilities associated with securities lending transactions in the University's investment pools, for the years ended June 30, 2013 and 2012 is as follows:

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | | | |
|--|---|---------------------|---------------------|---------------------|---------------------|
| | BERKELEY | SAN FRANCISCO | LOS ANGELES | ALL OTHER | TOTAL |
| <i>Year Ended June 30, 2013</i> | | | | | |
| CONDENSED STATEMENT OF NET POSITION | | | | | |
| Current assets | \$ 100,689 | \$ 350,709 | \$ 304,784 | \$ 257,020 | \$ 1,013,202 |
| Noncurrent assets | 1,504,017 | 916,567 | 1,912,948 | 1,446,183 | 5,779,715 |
| Total assets | 1,604,706 | 1,267,276 | 2,217,732 | 1,703,203 | 6,792,917 |
| Current liabilities | 10,371 | 78,866 | 208,472 | 73,700 | 371,409 |
| Noncurrent liabilities | 85,731 | 15,473 | 34,505 | 39,977 | 175,686 |
| Total liabilities | 96,102 | 94,339 | 242,977 | 113,677 | 547,095 |
| Restricted | 1,508,593 | 1,172,399 | 1,884,938 | 1,585,091 | 6,151,021 |
| Unrestricted | 11 | 538 | 89,817 | 4,435 | 94,801 |
| Total net position | \$ 1,508,604 | \$ 1,172,937 | \$ 1,974,755 | \$ 1,589,526 | \$ 6,245,822 |
| CONDENSED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION | | | | | |
| Operating revenues | \$ 116,660 | \$ 188,374 | \$ 265,965 | \$ 144,029 | \$ 715,028 |
| Operating expenses | (144,004) | (103,749) | (266,239) | (179,666) | (693,658) |
| Operating income | (27,344) | 84,625 | (274) | (35,637) | 21,370 |
| Nonoperating revenues | 148,526 | 72,480 | 186,252 | 132,487 | 539,745 |
| Income before other changes in net position | 121,182 | 157,105 | 185,978 | 96,850 | 561,115 |
| Permanent endowments | 45,812 | 23,922 | 53,572 | 61,842 | 185,148 |
| Increase in net position | 166,994 | 181,027 | 239,550 | 158,692 | 746,263 |
| Net position–June 30, 2012 | 1,344,085 | 994,327 | 1,753,394 | 1,443,635 | 5,535,441 |
| Cumulative effect of accounting changes | (2,475) | (2,417) | (18,189) | (12,801) | (35,882) |
| Beginning of year, as restated | 1,341,610 | 991,910 | 1,735,205 | 1,430,834 | 5,499,559 |
| Net position–June 30, 2013 | \$ 1,508,604 | \$ 1,172,937 | \$ 1,974,755 | \$ 1,589,526 | \$ 6,245,822 |
| CONDENSED STATEMENT OF CASH FLOWS | | | | | |
| Net cash provided (used) by: | | | | | |
| Operating activities | \$ (52,496) | \$ 54,354 | \$ (122,851) | \$ (49,920) | \$ (170,913) |
| Noncapital financing activities | 42,363 | 14,648 | 42,244 | 39,036 | 138,291 |
| Investing activities | 10,393 | (32,172) | 81,469 | 11,423 | 71,113 |
| Net increase (decrease) in cash and cash equivalents | 260 | 36,830 | 862 | 539 | 38,491 |
| Cash and cash equivalents–June 30, 2012 | 2,483 | 62,269 | 1,269 | 35,275 | 101,296 |
| Cash and cash equivalents–June 30, 2013 | \$ 2,743 | \$ 99,099 | \$ 2,131 | \$ 35,814 | \$ 139,787 |

(in thousands of dollars)

| | UNIVERSITY OF CALIFORNIA CAMPUS FOUNDATIONS | | | | |
|--|---|-------------------|--------------------|--------------------|--------------------|
| | BERKELEY | SAN FRANCISCO | LOS ANGELES | ALL OTHER | TOTAL |
| <i>Year Ended June 30, 2012</i> | | | | | |
| CONDENSED STATEMENT OF NET POSITION | | | | | |
| Current assets | \$ 103,960 | \$ 127,390 | \$ 228,065 | \$ 200,030 | \$ 659,445 |
| Noncurrent assets | 1,341,790 | 935,120 | 1,774,226 | 1,310,015 | 5,361,151 |
| Total assets | 1,445,750 | 1,062,510 | 2,002,291 | 1,510,045 | 6,020,596 |
| Current liabilities | 26,703 | 53,322 | 213,629 | 26,668 | 320,322 |
| Noncurrent liabilities | 74,962 | 14,861 | 35,268 | 39,742 | 164,833 |
| Total liabilities | 101,665 | 68,183 | 248,897 | 66,410 | 485,155 |
| Restricted | 1,344,056 | 993,839 | 1,614,108 | 1,436,342 | 5,388,345 |
| Unrestricted | 29 | 488 | 139,286 | 7,293 | 147,096 |
| Total net position | \$1,344,085 | \$ 994,327 | \$1,753,394 | \$1,443,635 | \$5,535,441 |
| CONDENSED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION | | | | | |
| Operating revenues | \$ 113,734 | \$ 178,942 | \$ 186,206 | \$ 111,335 | \$ 590,217 |
| Operating expenses | (114,862) | (104,897) | (226,653) | (160,913) | (607,325) |
| Operating income | (1,128) | 74,045 | (40,447) | (49,578) | (17,108) |
| Nonoperating revenues | (17,179) | (2,412) | (24,810) | (6,598) | (50,999) |
| Income before other changes in net position | (18,307) | 71,633 | (65,257) | (56,176) | (68,107) |
| Permanent endowments | 72,928 | 32,119 | 48,623 | 39,943 | 193,613 |
| Increase in net position | 54,621 | 103,752 | (16,634) | (16,233) | 125,506 |
| Net position – June 30, 2011 | 1,289,464 | 890,575 | 1,770,028 | 1,459,868 | 5,409,935 |
| Net position–June 30, 2012 | \$ 1,344,085 | \$ 994,327 | \$1,753,394 | \$1,443,635 | \$5,535,441 |
| CONDENSED STATEMENT OF CASH FLOWS | | | | | |
| Net cash provided (used) by: | | | | | |
| Operating activities | \$ (43,781) | \$ 47,177 | \$ (118,106) | \$ (55,673) | \$ (170,383) |
| Noncapital financing activities | 67,628 | 34,052 | 37,635 | 35,129 | 174,444 |
| Investing activities | (24,333) | (86,891) | 80,271 | 23,968 | (6,985) |
| Net increase (decrease) in cash and cash equivalents | (486) | (5,662) | (200) | 3,424 | (2,924) |
| Cash and cash equivalents – June 30, 2011 | 2,969 | 67,931 | 1,469 | 31,851 | 104,220 |
| Cash and cash equivalents – June 30, 2012 | \$ 2,483 | \$ 62,269 | \$ 1,269 | \$ 35,275 | \$ 101,296 |

18. COMMITMENTS AND CONTINGENCIES

Contractual Commitments

Amounts committed but unexpended for construction projects totaled \$3.4 billion and \$3.1 billion at June 30, 2013 and 2012, respectively.

The University and UCRS have also made commitments to make investments in certain investment partnerships pursuant to provisions in the various partnership agreements. These commitments at June 30, 2013 totaled \$3.9 billion: \$0.7 billion and \$3.2 billion for the University and UCRS, respectively.

The University leases land, buildings and equipment under agreements recorded as operating leases. Operating lease expenses for the years ended June 30, 2013 and 2012 were \$168.2 billion and \$167.3 million, respectively. The terms of operating leases extend through May 2039.

Future minimum payments on operating leases with an initial or remaining non-cancelable term in excess of one year are as follows:

| <i>(in thousands of dollars)</i> | |
|----------------------------------|-------------------------------|
| | MINIMUM ANNUAL LEASE PAYMENTS |
| <i>Year Ending June 30</i> | |
| 2014 | \$120,281 |
| 2015 | 97,810 |
| 2016 | 80,610 |
| 2017 | 65,363 |
| 2018 | 54,160 |
| 2019-2023 | 131,171 |
| 2024-2028 | 7,223 |
| 2029-2033 | 4,932 |
| 2034-2038 | 4,898 |
| 2039 | 1,651 |
| Total | \$568,099 |

Contingencies

Substantial amounts are received and expended by the University, including its medical centers, under federal and state programs and are subject to audit by cognizant governmental agencies. This funding relates to research, student aid, medical center operations and other programs. University management believes that any liabilities arising from such audits will not have a material effect on the University's financial position.

The University and the campus foundations are contingently liable in connection with certain other claims and contracts, including those currently in litigation, arising in the normal course of its activities. Although there are inherent uncertainties in any litigation, University management and general counsel are of the opinion that the outcome of such matters will not have a material effect on the University's financial position.

REQUIRED SUPPLEMENTARY INFORMATION

The University's schedule of funding progress for UCRP and the retiree health plan is presented below.

UCRP

(in thousands of dollars)

| ACTUARIAL VALUATION DATE | ACTUARIAL VALUE OF ASSETS | ACTUARIAL ACCRUED LIABILITY | EXCESS (DEFICIT) | FUNDED RATIO | COVERED PAYROLL | EXCESS/(DEFICIT) COVERED PAYROLL |
|------------------------------|------------------------------|--------------------------------|------------------|--------------|-----------------|-------------------------------------|
| University of California | | | | | | |
| July 1, 2012 | \$42,965,028 | \$54,619,620 | \$(11,654,592) | 78.7% | \$8,598,114 | (135.5)% |
| July 1, 2011 | 42,757,271 | 51,831,306 | (9,074,035) | 82.5 | 8,163,021 | (111.2) |
| July 1, 2010 | 41,195,318 | 47,504,309 | (6,308,991) | 86.7 | 7,995,421 | (78.9) |
| Campuses and Medical Centers | | | | | | |
| July 1, 2012 | \$35,728,600 | \$45,762,640 | \$(10,034,040) | 78.1% | \$8,333,655 | (120.4)% |
| July 1, 2011 | 35,315,069 | 43,011,985 | (7,696,916) | 82.1 | 7,899,551 | (97.4) |
| July 1, 2010 | 33,733,692 | 39,123,578 | (5,389,886) | 86.2 | 7,743,680 | (69.6) |
| DOE National Laboratories | | | | | | |
| July 1, 2012 | \$ 7,236,428 | \$ 8,856,980 | \$ (1,620,552) | 81.7% | \$ 264,459 | (612.8)% |
| July 1, 2011 | 7,442,202 | 8,819,321 | (1,377,119) | 84.4 | 263,470 | (522.7) |
| July 1, 2010 | 7,461,626 | 8,380,731 | (919,105) | 89.0 | 251,741 | (365.1) |

Factors Significantly Affecting Trends

Based upon an actuarial experience study, The Regents approved changes to economic assumptions that decreased the range for salary increases to between 4.3 and 6.8 percent per year. Certain demographic assumptions were also modified, the most significant change being an increase in assumed life expectancies. These changes in assumptions increased the July 1, 2011 actuarial accrued liability as follows:

(in thousands of dollars)

| | CAMPUSES AND MEDICAL CENTERS | DOE NATIONAL LABORATORIES | UNIVERSITY OF CALIFORNIA |
|-----------------------------|---------------------------------|------------------------------|-----------------------------|
| Actuarial accrued liability | \$1,513,127 | \$312,280 | \$1,825,407 |

Retiree Health Plan

(in thousands of dollars)

| ACTUARIAL VALUATION DATE | ACTUARIAL VALUE OF ASSETS | ACTUARIAL ACCRUED LIABILITY | (DEFICIT) | FUNDED RATIO | COVERED PAYROLL | (DEFICIT) PAYROLL | IMPLICIT SUBSIDY INCLUDED IN ACTUARIAL ACCRUED LIABILITY |
|------------------------------|------------------------------|--------------------------------|----------------|--------------|-----------------|-------------------|---|
| University of California | | | | | | | |
| July 1, 2012 | \$97,435 | \$15,070,721 | \$(14,973,286) | 0.6% | \$8,598,114 | (174.1)% | \$2,784,276 |
| July 1, 2011 | 77,907 | 15,267,829 | (15,189,922) | 0.5 | 8,163,021 | (186.1) | 2,338,593 |
| July 1, 2010 | 74,450 | 16,048,696 | (15,974,246) | 0.5 | 7,995,421 | (199.8) | 2,394,476 |
| Campuses and Medical Centers | | | | | | | |
| July 1, 2012 | \$97,435 | \$14,559,017 | \$(14,461,582) | 0.7% | \$ 8,333,654 | (173.5)% | \$2,686,521 |
| July 1, 2011 | 77,907 | 14,726,665 | (14,648,758) | 0.5 | 7,899,551 | (185.4) | 2,259,855 |
| July 1, 2010 | 74,450 | 15,493,742 | (15,419,292) | 0.5 | 7,743,680 | (199.1) | 2,309,189 |
| DOE National Laboratories | | | | | | | |
| July 1, 2012 | | \$ 511,704 | \$ (511,704) | 0.0% | \$ 264,460 | (193.5)% | \$ 97,755 |
| July 1, 2011 | | 541,164 | (541,164) | 0.0 | 263,470 | (205.4) | 78,738 |
| July 1, 2010 | | 554,954 | (554,954) | 0.0 | 251,741 | (220.4) | 85,287 |

UNIVERSITY OF CALIFORNIA

Summary Schedule of Expenditures of Federal Awards For the Fiscal Year Ended June 30, 2013

| | <u>Total Expenditures</u> |
|--|-------------------------------|
| Summary of Expenditures | |
| Student Financial Aid Cluster | 376,512,315 |
| Cooperative Extension Service Cluster | 18,423,590 |
| Research and Development Cluster | |
| Federal Agency Direct Awards Expended | 2,898,250,585 |
| ARRA-Federal Agency Direct Awards Expended | 99,144,828 |
| Pass-Through Funds Expended | 415,662,901 |
| ARRA-Pass-Through Funds Expended | 21,279,452 |
| Partial Pass-Through Funds Expended | 17,442,495 |
| ARRA-Partial Pass-Through Funds Expended | <u>11,826</u> |
| Total Research and Development Cluster | 3,451,792,087 |
| Cal Health & Welfare Social Services Program | |
| Partial Pass Through Funds Expended | 27,560,579 |
| Other programs | |
| Federal Agency Direct Awards Expended | 197,819,604 |
| ARRA-Federal Agency Direct Awards Expended | 1,005,163 |
| Pass-Through Funds Expended | 57,862,862 |
| ARRA-Pass-Through Funds Expended | 4,264,126 |
| Partial Pass-Through Funds Expended | <u>7,191,082</u> |
| Total Other Programs | 268,142,837 |
| Total Federal Awards Expended | <u><u>4,142,431,408</u></u> |

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Student Financial Aid | | | |
| Department of Education | | | |
| Federal Supplemental Educational Opportunities Grant | 84 | 007 | 7,831,553 |
| Federal Work-Study Program | 84 | 033 | 14,908,651 |
| Federal Pell Grants | 84 | 063 | 349,379,514 |
| Federal Perkins Loan Program ACA | 84 | 038 | 2,265,569 |
| Postsecondary Education Scholarships for Veteran's Dependents (IASG) | 84 | 408 | 5,550 |
| National SMART Grants | 84 | 376 | (1,334) |
| TEACH Grants Program | 84 | 379 | 192,812 |
| | | | |
| Total Department of Education | | | 374,582,315 |
| Department of Health And Human Services | | | |
| Scholarships for Students from Disadvantaged Background | 93 | 925 | 1,930,000 |
| | | | |
| Total Department of Health And Human Services | | | 1,930,000 |
| | | | |
| Total Student Financial Aid | | | 376,512,315 |
| Cooperative Extension Service Cluster | | | |
| Department of Agriculture | 10 | 500 | 18,423,590 |
| | | | |
| Total Cooperative Extension Service Cluster | | | 18,423,590 |
| Research And Development | | | |
| Federal Agency Direct Awards Expended | | | |
| | | | |
| Department of Agriculture | 10 | RD | 45,502,697 |
| ARRA-Department of Agriculture | 10 | RD | 17,100 |
| Total Department of Agriculture | | | 45,519,797 |
| | | | |
| Department of Commerce | 11 | RD | 29,060,637 |
| ARRA-Department of Commerce | 11 | RD | 2,848,288 |
| National Oceanic and Atmospheric Administration (NOAA) | 11 | RD | 129,482 |
| National Telecommunications and Information Administration | 11 | RD | 4,940 |
| Total Department of Commerce | | | 32,043,347 |
| | | | |
| Department of Defense | | | |
| Department of Air Force | 12 | RD | 36,873,079 |
| Department of Army | 12 | RD | 95,232,804 |
| ARRA-Department of Army | 12 | RD | 2 |
| Department of Navy | 12 | RD | 75,156,455 |
| ARRA-Department of Navy | 12 | RD | 62,844 |
| National Security Agency (NSA) | 12 | RD | 30,698 |
| Separate Agencies | 12 | RD | 53,237,955 |
| | | | |
| Total Department of Defense | | | 260,593,837 |
| | | | |
| Department of Education | 84 | RD | 19,719,579 |
| | | | |
| Department of Energy | 81 | RD | 107,247,881 |
| ARRA-Department of Energy | 81 | RD | 11,149,382 |
| Oak Ridge Institute for Science and Education | 12 | RD | 34,922 |
| Department of Energy/miscellaneous Offices and Programs | 81 | RD | 1,002,097 |
| Total Department of Energy | | | 119,434,282 |
| | | | |
| Department of Homeland Security | 97 | RD | 3,217,331 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Federal Agency Direct Awards Expended (Continued) | | | |
| | | | |
| Department of Interior | 15 | RD | 18,050,029 |
| ARRA-Department of Interior | 15 | RD | 2,780 |
| Total Department of Interior | | | 18,052,809 |
| | | | |
| Department of Justice | 16 | RD | 1,365,752 |
| Department of Labor | 17 | RD | 102,726 |
| Department of State | 19 | RD | 25,273,876 |
| Department of Transportation | 20 | RD | 3,181,138 |
| | | | |
| Department of Health and Human Services | | | |
| HHS Office of The Secretary | 93 | RD | 991,564 |
| ARRA-HHS Office of The Secretary | 93 | RD | 7,409,547 |
| NIH Aging, National Institute on | 93 | RD | 89,436,810 |
| ARRA-NIH Aging, National Institute on | 93 | RD | 1,214,030 |
| NIH Alcohol Abuse and Alcoholism, National Institute of | 93 | RD | 14,034,207 |
| ARRA-NIH Alcohol Abuse and Alcoholism, National Institute of | 93 | RD | 137,825 |
| NIH Arthritis, Musculoskeletal & Skin Diseases, Natl Institute of | 93 | RD | 27,443,594 |
| ARRA-NIH Arthritis, Musculoskeletal & Skin Diseases, Natl Institute of | 93 | RD | 269,959 |
| NIH Biomedical Imaging and Bioengineering, Natl Institute of (NIBIB) | 93 | RD | 27,166,787 |
| ARRA-NIH Biomedical Imaging and Bioengineering, Natl Institute of (NIBIB) | 93 | RD | 1,541,163 |
| NIH Center for Scientific Review | 93 | RD | 5,835,705 |
| NIH Child Health & Human Development, National Institute of | 93 | RD | 62,487,978 |
| ARRA-NIH Child Health & Human Development, National Institute of | 93 | RD | 2,391,204 |
| NIH Deafness & Other Communication Disorders, Natl Institute on | 93 | RD | 22,421,653 |
| ARRA-NIH Deafness & Other Communication Disorders, Natl Institute on | 93 | RD | 5,324 |
| NIH Dental and Craniofacial Research, National Institute of (NIDCR) | 93 | RD | 27,945,784 |
| ARRA-NIH Dental and Craniofacial Research, National Institute of (NIDCR) | 93 | RD | 335,450 |
| NIH Diabetes, Digestive & Kidney Diseases, National Institute of | 93 | RD | 94,678,028 |
| ARRA-NIH Diabetes, Digestive & Kidney Diseases, National Institute of | 93 | RD | 449,315 |
| NIH Drug Abuse, National Institute of (NIDA) | 93 | RD | 69,588,745 |
| ARRA-NIH Drug Abuse, National Institute of (NIDA) | 93 | RD | 1,264,414 |
| NIH Environmental Health Sciences, National Institute of | 93 | RD | 41,344,509 |
| ARRA-NIH Environmental Health Sciences, National Institute of | 93 | RD | 556,552 |
| NIH General Medical Science, National Institute of | 93 | RD | 221,071,189 |
| ARRA-NIH General Medical Science, National Institute of | 93 | RD | 128,616 |
| NIH Heart, Lung & Blood, National Institute of | 93 | RD | 148,955,416 |
| ARRA-NIH Heart, Lung & Blood, National Institute of | 93 | RD | 685,609 |
| NIH John F. Fogarty International Center | 93 | RD | 4,698,432 |
| ARRA-NIH John F. Fogarty International Center | 93 | RD | 84,561 |
| NIH Medicine, National Library of | 93 | RD | 3,829,608 |
| ARRA-NIH Medicine, National Library of | 93 | RD | 168,892 |
| NIH Mental Health, National Institute of (NIMH) | 93 | RD | 116,806,965 |
| ARRA-NIH Mental Health, National Institute of (NIMH) | 93 | RD | 499,756 |
| NIH National Cancer Institute (NCI) | 93 | RD | 166,129,620 |
| ARRA-NIH National Cancer Institute (NCI) | 93 | RD | 512,101 |
| NIH Natl Center Complementary & Alternative Medicine | 93 | RD | 6,994,727 |
| ARRA-NIH Natl Center Complementary & Alternative Medicine | 93 | RD | 375,535 |
| NIH Natl Center for Advancing Translational Sciences | 93 | RD | 20,929,000 |
| ARRA-NIH Natl Center for Advancing Translational Sciences | 93 | RD | 430,652 |
| NIH Natl Center for Research Resources | 93 | RD | 69,604,429 |
| ARRA-NIH Natl Center for Research Resources | 93 | RD | 1,141,678 |
| NIH Natl Ctr on Minority Health and Health Disparities | 93 | RD | 3,019,067 |
| ARRA-NIH Natl Ctr on Minority Health and Health Disparities | 93 | RD | 392,940 |
| NIH Natl Eye Institute | 93 | RD | 57,279,353 |
| ARRA-NIH Natl Eye Institute | 93 | RD | 217,639 |
| NIH Natl Human Genome Research Institute | 93 | RD | 13,363,259 |
| ARRA-NIH Natl Human Genome Research Institute | 93 | RD | 119,318 |
| NIH Natl Inst of Allergy and Infectious Diseases | 93 | RD | 249,732,594 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|---------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Federal Agency Direct Awards Expended (Continued) | | | |
| ARRA-NIH Natl Inst of Allergy and Infectious Diseases | 93 | RD | 2,733,918 |
| NIH Natl Institute of General Medical Sciences | 93 | RD | 4,933,802 |
| NIH Natl Institute of Heart, Lung & Blood | 93 | RD | 5,725,243 |
| NIH Neurological Disorders & Stroke, Natl Institute of | 93 | RD | 122,565,086 |
| ARRA-NIH Neurological Disorders & Stroke, Natl Institute of | 93 | RD | 4,998,700 |
| NIH Nursing Research, National Institute of (NINR) | 93 | RD | 4,051,371 |
| ARRA-NIH Nursing Research, National Institute of (NINR) | 93 | RD | 76,658 |
| NIH Office of The Director | 93 | RD | 25,884,838 |
| NIH/miscellaneous Agencies & Departments | 93 | RD | 3,090,917 |
| ARRA-NIH/miscellaneous Agencies & Departments | 93 | RD | 13,432,391 |
| PHS Administration for Community Living (ACL) | 93 | RD | 740,661 |
| PHS Children & Families, Administration for (ACF) | 93 | RD | 2,092,153 |
| PHS Healthcare Research and Quality, Agency for | 93 | RD | 384,018 |
| PHS Substance Abuse and Mental Health Services Administration (SAMHSA) | 93 | RD | 7,229,291 |
| PHS/Agency for Healthcare Research & Quality | 93 | RD | 6,403,170 |
| ARRA-PHS/Agency for Healthcare Research & Quality | 93 | RD | 9,240,189 |
| PHS/Centers for Disease Control | 93 | RD | 44,240,230 |
| PHS/Food & Drug Administration | 93 | RD | 3,405,586 |
| PHS/Health Resources & Services Admin | 93 | RD | 17,814,179 |
| ARRA-PHS/Health Resources & Services Admin | 93 | RD | 691,430 |
| PHS/Other | 93 | RD | 79,112 |
| Total Dept. of Health and Human Services | | | 1,865,934,046 |
| Environmental Protection Agency | 66 | RD | 4,504,849 |
| Housing & Urban Development | 14 | RD | 160,835 |
| Library of Congress | 42 | RD | 66,490 |
| National Aeronautics & Space Administration | 43 | RD | 91,895,122 |
| National Foundation Arts & Humanities | 45 | RD | 1,770,140 |
| National Science Foundation | 47 | RD | 454,624,766 |
| ARRA-National Science Foundation | 47 | RD | 33,559,068 |
| Nuclear Regulatory Commission | 77 | RD | 580,728 |
| Smithsonian Institute | 85 | RD | 3,153,549 |
| Veterans Affairs | 64 | RD | 9,775,621 |
| Other Agencies | 99 | RD | 2,865,725 |
| Total Federal Agency Direct Awards Expended | | | 2,997,395,413 |
| Pass Through Funds Expended | | | |
| Aaron Diamond Aids Research Center (AI047033) | 93 | 856 | 6,936 |
| Abastar Mdx, Inc. (AMI-50083-CYC2) | 93 | 889 | 352 |
| Academy for Educational Development (1848) | 98 | RD | (521) |
| Academy for Educational Development (4001UCD00TO3) | 98 | RD | (159,078) |
| Academy for Educational Development (72056) | 93 | RD | 72,125 |
| Academy for Educational Development (84410) | 98 | RD | (60,905) |
| Academyhealth (88007) | 93 | 715 | 4,007 |
| Academyhealth (SUB NONE (HS19564)) | 93 | 715 | 24,295 |
| Accelerated Medical Diagnostics, LLC (201017288) | 93 | RD | 10,371 |
| Accelerated Medical Diagnostics, LLC (20130127) | 93 | RD | 18,325 |
| Acoustic Medsystems, Inc. (UCSF#A113972) | 93 | RD | 30,227 |
| Acoustic Medsystems, Inc. (UCSF#A116157) | 93 | RD | 165,471 |
| Addis Ababa University (SUB NONE (T8HA21124-01-00)) | 93 | RD | 132,395 |
| Advanced Brain Monitoring, Inc. (B 2013-1069 (W31P4Q-12-C-0200)) | 12 | 910 | 134,684 |
| Advanced Brain Monitoring, Inc. (SUB NONE(MH097303)) | 93 | 242 | 71,530 |
| Advanced Cell Diagnostics, Inc. (UCSF#A120430) | 93 | 394 | 128,547 |
| Advanced Cooling Technologies, Inc. (14052) | 81 | 049 | 95,135 |
| Advanced Materials and Devices, Inc. (20133655 (W911QX-13-C-007)) | 10 | 212 | 11,310 |
| Advanced Scientific Concepts, Inc. (ASC-STTR-N12A-021-0333) | 12 | RD | 39,866 |
| Aero Institute (AERO 556) | 99 | RD | 77,990 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Aerodyne Research, Inc. (ARI106102) | 81 | 049 | 17,951 |
| Aerodyne Research, Inc. (ARI107822) | 81 | RD | 10,953 |
| Aerodyne Research, Inc. (ARI108611) | 93 | RD | 5,288 |
| Aerodyne Research, Inc. (SUB ARI-10667-2 (DE-SC0004577) | 81 | 049 | 34,987 |
| Aerosol Dynamics, Inc. (2263) | 81 | RD | 1,586 |
| ARRA-Aerosol Dynamics, Inc. (2358) | 93 | 701 | (2,397) |
| Aerosol Dynamics, Inc. (2685) | 81 | RD | 181,237 |
| ARRA-Aerosol Dynamics, Inc. (2972) | 93 | 701 | 50,552 |
| Aerospace Corporation (PO# 4600004626:00020) | 99 | RD | 32,033 |
| Aethlon Medical, Inc. (201300086) | 12 | RD | 117,718 |
| Agflex, Inc. (200911511) | 10 | 912 | 21,854 |
| Agiltron, Inc. (SUB 323308 (W909MY-11-C-0080)) | 12 | RD | 28,711 |
| Agri Analysis LLC (201015055) | 93 | RD | 25,418 |
| Agrofresh, Inc. (201012989) | 10 | 309 | 28,633 |
| Akebia Therapeutics, Inc. (SUB 20111282 (W81XWH-11-2-0096) | 12 | 420 | 211,203 |
| Alaska, State of (COOP-10-078) | 15 | 426 | 48,714 |
| Alba-Technic, LLC (2010-012) | 99 | RD | 68,289 |
| Alcatel Lucent Bell Labs (2011001A) | 12 | 800 | 54,547 |
| Allen Institute for Brain Science (08002394) | 93 | RD | 68,563 |
| Alliance for Sustainable Energy, LLC (005486) | 99 | 999 | 89,015 |
| ARRA-Alliance for Sustainable Energy, LLC (ARRAZFT04062401) | 81 | RD | 41,596 |
| Alliance for Sustainable Energy, LLC (SUB AXL-1-40357-01(DE-AC36-08G) | 81 | RD | 12,108 |
| Alliance for Sustainable Energy, LLC (SUB XFT-1-11315-01 (DE-AC36-08) | 81 | RD | 69,640 |
| Alliance for Sustainable Energy, LLC (XGB-2-11460-01-CYC2) | 81 | RD | 59,099 |
| Allopartis Biotechnologies, Inc. (030312) | 81 | 049 | 14,254 |
| Almond Board of California (22294) | 10 | 250 | 51,690 |
| Almond Board of California (33243) | 10 | 250 | 16,145 |
| Altamed Health Services Corporation (R13HD-UCLA-01) | 93 | 865 | 17 |
| ARRA-American Academy of Pediatrics (83328) | 93 | 712 | (36,968) |
| American Association for the Advancement of Science (78141) | 19 | 033 | (21) |
| American Burn Association (200912769) | 12 | 420 | 475,870 |
| American Burn Association (200913674) | 12 | 420 | 322,209 |
| American Burn Association (201013675) | 12 | 420 | 29,738 |
| American Burn Association (201119157) | 12 | RD | 50,036 |
| American Burn Association (201120770) | 12 | RD | 257,297 |
| American Burn Association (ABA-50670-CYC1) | 12 | 420 | 9,639 |
| American Burn Association (SUB NONE(W81XWH-10-1-0527)) | 12 | 420 | 36,624 |
| American College of Radiology (1151) | 93 | 394 | 46,400 |
| ARRA-American College of Radiology (1407-CYC1) | 93 | 701 | 27,674 |
| ARRA-American College of Radiology (1408-CYC1) | 93 | 701 | 200,778 |
| American College of Radiology (20112027) | 93 | 394 | 4,672 |
| American College of Radiology (78897) | 93 | 394 | (3,336) |
| ARRA-American College of Radiology (78924) | 93 | 701 | (8,130) |
| ARRA-American College of Radiology (78925) | 93 | 701 | (115) |
| American College of Radiology (7896-CYC1) | 93 | 395 | 2,765 |
| ARRA-American College of Radiology (79454) | 93 | 394 | 7,710 |
| American College of Radiology (82594) | 93 | 395 | 59,545 |
| American College of Radiology (87928) | 93 | RD | 88,597 |
| American College of Radiology (ACR SUBAWARD #1172) | 93 | 394 | 4,956 |
| American College of Radiology (ACR#1358) | 93 | 394 | 47,167 |
| ARRA-American College of Radiology (ACR-51858-CYC2) | 93 | 394 | 9,671 |
| American College of Radiology (ACRIN#19) | 93 | 394 | 9,930 |
| American College of Radiology (RTOG#2401) | 93 | RD | 231,124 |
| American College of Radiology (SUB 4240 (CA80098)) | 93 | 394 | 5,735 |
| American College of Radiology (UCSF#A109202) | 93 | RD | 943,425 |
| American Council on Education (SUB 20103751/AEGA00050007) | 98 | RD | 49,751 |
| American Institute for Research (merged with New American Schools) (D1410.082) | 11 | 900 | 19,506 |
| American Society for Biochemistry and Molecular Biology (SUB 2013-0040(MCB-1217007)) | 47 | 074 | 1,673 |
| American Society for Cell Biology (SUB NONE (GM008622)) | 93 | 859 | 9,620 |
| Americaview, Inc. (AV08CA01) | 15 | RD | 28,610 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Analog Devices, Inc. (45272108) | 12 | RD | 76,615 |
| Analog Devices, Inc. (45273913) | 12 | RD | 61,081 |
| Aneeev Nanotechnologies (57876) | 99 | RD | (787) |
| Animated Speech Corporation (63060) | 47 | 041 | (1) |
| Ann & Robert H. Lurie Children's Hospital of Chicago (901460-UCLAA2) | 93 | 853 | 82,210 |
| Ann & Robert H. Lurie Children's Hospital of Chicago (901470-UCSF) | 93 | 847 | 448,458 |
| ARRA-Antigen Discovery, Inc (78799) | 93 | 701 | 3,262 |
| Antigen Discovery, Inc. (ADI-52318-CYC1) | 93 | 855 | 62,208 |
| Applied Nanotech, Inc. (32375) | 12 | RD | 101,180 |
| Applied Research Associates, Inc. (S-001061.00000.UCI-CYC4) | 12 | 910 | 227,083 |
| Applied Technology Council (781-22-646) | 97 | 036 | 32,955 |
| Appliflex, LLC (030566) | 81 | 036 | 195,913 |
| Arbor Vita Corporation (UCSF#A116790) | 93 | RD | 19,185 |
| Arcadia Bioscience, Inc. (201120291) | 81 | RD | 278,236 |
| Area 4 Agency on Aging (85597) | 93 | 052 | 10,304 |
| Argonne National Laboratory (006037) | 81 | 999 | 11,641 |
| Argonne National Laboratory (1F-32422) | 81 | RD | 47,627 |
| ARRA-Argonne National Laboratory (95002) | 81 | RD | (400,000) |
| Argonne National Laboratory (DOE GOCO Lab operated by Univ of Chicago) (1F30841) | 81 | RD | 48,909 |
| Argonne National Laboratory (DOE GOCO Lab operated by Univ of Chicago) (3F30841) | 81 | RD | 29,126 |
| Argos Therapeutics, Inc. (201013996) | 93 | RD | 90,023 |
| Arizona State University/Tempe (004460) | 93 | 242 | 237,393 |
| Arizona State University/Tempe (06-657) | 93 | 866 | 27,571 |
| Arizona State University/Tempe (08-874) | 93 | 846 | 1,687 |
| Arizona State University/Tempe (09-206) | 81 | 122 | 95,145 |
| Arizona State University/Tempe (10-232) | 12 | 800 | 118,328 |
| Arizona State University/Tempe (10-249) | 12 | 351 | 116,553 |
| Arizona State University/Tempe (11-459) | 20 | RD | 744 |
| Arizona State University/Tempe (11597) | 93 | 279 | 18,721 |
| Arizona State University/Tempe (12-811-CYC2) | 93 | 853 | 72,566 |
| Arizona State University/Tempe (12-819) | 47 | 041 | 26,662 |
| Arizona State University/Tempe (12-848-001) | 93 | 859 | 2,180 |
| Arizona State University/Tempe (13-205) | 99 | RD | 98,953 |
| Arizona State University/Tempe (1R01GM10047101) | 93 | 859 | 14,749 |
| Arizona State University/Tempe (SUB 10-228 (DMR-0902277)) | 47 | 049 | 202,501 |
| Arkansas Children's Hospital Research Institute (034429) | 93 | 110 | 26,141 |
| Arkansas Children's Hospital Research Institute (034586) | 93 | 865 | 108,403 |
| Armagen Technologies, Inc. (2008-0645) | 12 | 420 | (145) |
| Armagen Technologies, Inc. (20080907) | 99 | RD | (300) |
| Armorworks, LLC (SUB RD3273-00 (NONE)) | 12 | 431 | 89,874 |
| Array Information Technology, Inc. (SUB A012-2010) | 81 | RD | 84,505 |
| Aspyrian Therapeutics, Inc. (SUB 20112084 (CA162766)) | 93 | 395 | 11,052 |
| ARRA-Association of Asian Pacific Community Health Organizations (20121107) | 93 | 420 | 38,545 |
| Association of Occupational and Environmental Clinics (AOEC-43431-CYC4) | 93 | 161 | 57,548 |
| Association of Universities for Research in Astronomy (004433) | 43 | 999 | 11,440 |
| Association of Universities for Research in Astronomy (004974) | 43 | 999 | 29,851 |
| Association of Universities for Research in Astronomy (005418) | 43 | 999 | 59,691 |
| ARRA-Association of Universities for Research in Astronomy (005443) | 43 | 999 | 53,835 |
| Association of Universities for Research in Astronomy (005553) | 43 | 999 | 5,362 |
| Association of Universities for Research in Astronomy (005584) | 43 | 999 | 33,055 |
| Association of Universities for Research in Astronomy (005610) | 43 | 999 | 52,671 |
| Association of Universities for Research in Astronomy (005647) | 43 | 999 | 5,579 |
| Association of Universities for Research in Astronomy (005774) | 43 | 999 | 36,993 |
| Association of Universities for Research in Astronomy (006218-002) | 43 | 999 | 7,213 |
| Association of Universities for Research in Astronomy (0084699-GEM00433-18) | 47 | RD | 254,566 |
| Association of Universities for Research in Astronomy (0084699-GEM00436) | 99 | RD | 62,945 |
| Association of Universities for Research in Astronomy (26006) | 43 | RD | 8,429 |
| Association of Universities for Research in Astronomy (32298) | 43 | RD | 97,247 |
| Association of Universities for Research in Astronomy (33844) | 43 | RD | 16,016 |
| Association of Universities for Research in Astronomy (58261) | 43 | 001 | 20,577 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Association of Universities for Research in Astronomy (58266) | 43 | RD | 20,937 |
| Association of Universities for Research in Astronomy (58294) | 43 | 001 | 1,109 |
| Association of Universities for Research in Astronomy (58297) | 43 | 001 | 12,608 |
| Association of Universities for Research in Astronomy (58299) | 43 | 001 | 27,236 |
| Association of Universities for Research in Astronomy (58300) | 43 | 001 | 36,296 |
| Association of Universities for Research in Astronomy (58301) | 43 | 001 | 14,065 |
| Association of Universities for Research in Astronomy (58302) | 43 | 001 | 6,335 |
| Association of Universities for Research in Astronomy (58307) | 43 | 001 | 34 |
| Association of Universities for Research in Astronomy (94613) | 43 | RD | (523) |
| Association of Universities for Research in Astronomy (HST-AR-12124.02-A) | 99 | RD | 35,766 |
| Association of Universities for Research in Astronomy (HST-AR-12126.01-A) | 43 | RD | 61,992 |
| Association of Universities for Research in Astronomy (HSTAR12135.01A) | 43 | RD | 24,203 |
| Association of Universities for Research in Astronomy (HST-AR-12151.01-A) | 43 | RD | 3,043 |
| Association of Universities for Research in Astronomy (HST-AR-12160.01-A) | 43 | RD | 1,085 |
| Association of Universities for Research in Astronomy (HST-AR-12623.01-A) | 43 | RD | 20,610 |
| Association of Universities for Research in Astronomy (HST-AR-12633.02-A) | 43 | 001 | 3,776 |
| Association of Universities for Research in Astronomy (HST-AR-12645.01-A) | 43 | RD | 80,206 |
| Association of Universities for Research in Astronomy (HST-AR-12649.01-A(NONE)) | 43 | RD | 19,151 |
| Association of Universities for Research in Astronomy (HST-AR-12822.03-A) | 43 | RD | 22,370 |
| Association of Universities for Research in Astronomy (HST-AR-12823.01-A) | 43 | RD | 20,241 |
| Association of Universities for Research in Astronomy (HSTAR1283302A) | 43 | RD | 1,035 |
| Association of Universities for Research in Astronomy (HST-AR-12836.02-A-CYC1) | 43 | RD | 5,353 |
| Association of Universities for Research in Astronomy (HSTAR1284301A) | 43 | RD | 40,295 |
| Association of Universities for Research in Astronomy (HST-AR-12847.01-A) | 43 | RD | 10,518 |
| Association of Universities for Research in Astronomy (HST-AR-12850.02-A) | 43 | RD | 44,936 |
| Association of Universities for Research in Astronomy (HSTGO1084202A) | 43 | RD | 4,530 |
| Association of Universities for Research in Astronomy (HST-GO-11202.01-A) | 43 | RD | 15,597 |
| Association of Universities for Research in Astronomy (HST-GO-11563.01-A (3)) | 43 | 001 | 132,309 |
| Association of Universities for Research in Astronomy (HST-GO-11570.03-A) | 43 | RD | 4,590 |
| Association of Universities for Research in Astronomy (HST-GO-11631.08-A) | 43 | RD | 2,603 |
| Association of Universities for Research in Astronomy (HST-GO-11656.02-A) | 43 | RD | 921 |
| Association of Universities for Research in Astronomy (HST-GO-11666.08-A) | 43 | RD | 1 |
| Association of Universities for Research in Astronomy (HST-GO-11671.01-A) | 99 | RD | 77,780 |
| Association of Universities for Research in Astronomy (HST-GO-11674.01-A) | 43 | RD | 4,776 |
| Association of Universities for Research in Astronomy (HST-GO-11676.01-A) | 99 | RD | 29,783 |
| Association of Universities for Research in Astronomy (HST-GO-11677.01-A) | 99 | RD | 11,385 |
| Association of Universities for Research in Astronomy (HST-GO-11677.07-A) | 99 | RD | 2,409 |
| Association of Universities for Research in Astronomy (HSTGO11710.12A) | 43 | RD | 5,361 |
| Association of Universities for Research in Astronomy (HST-GO-11799.01-A) | 43 | RD | 3,175 |
| Association of Universities for Research in Astronomy (HST-GO-12051.01-A) | 43 | RD | 55,533 |
| Association of Universities for Research in Astronomy (HST-GO-12055.03) | 43 | 001 | 66,418 |
| Association of Universities for Research in Astronomy (HST-GO-12060.10-A) | 43 | 001 | 284,415 |
| Association of Universities for Research in Astronomy (HST-GO-12060.12-A) | 43 | 001 | 19,716 |
| Association of Universities for Research in Astronomy (HST-GO-12077.01-A) | 99 | RD | 2,938 |
| Association of Universities for Research in Astronomy (HST-GO-12099.03-A) | 43 | RD | 2,671 |
| Association of Universities for Research in Astronomy (HST-GO-12174.07-A) | 99 | RD | 9,555 |
| Association of Universities for Research in Astronomy (HST-GO-12177.05-A-001) | 43 | 001 | 31,778 |
| Association of Universities for Research in Astronomy (HST-GO-12177.21-A) | 43 | RD | 11,128 |
| Association of Universities for Research in Astronomy (HST-GO-12182.02-A) | 99 | RD | 49,123 |
| Association of Universities for Research in Astronomy (HST-GO-12182.12-A-CYC4) | 43 | RD | 48,059 |
| Association of Universities for Research in Astronomy (HST-GO-12187.03-A) | 43 | RD | 4,187 |
| Association of Universities for Research in Astronomy (HSTGO1220301A) | 43 | RD | 22,843 |
| Association of Universities for Research in Astronomy (HST-GO-12214.01-A) | 99 | RD | 19,806 |
| Association of Universities for Research in Astronomy (HST-GO-12217.01-A) | 43 | RD | 14,463 |
| Association of Universities for Research in Astronomy (HST-GO-12226.01-A) | 99 | RD | 56,315 |
| Association of Universities for Research in Astronomy (HST-GO-12247.07-A) | 43 | RD | 11,469 |
| Association of Universities for Research in Astronomy (HST-GO-12248.04-A) | 99 | RD | 73,566 |
| Association of Universities for Research in Astronomy (HST-GO-12251.05-A) | 43 | 001 | 5,513 |
| Association of Universities for Research in Astronomy (HSTGO1225306A) | 43 | RD | 339 |
| Association of Universities for Research in Astronomy (HST-GO-12254.08-A) | 43 | 001 | 1,310 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Association of Universities for Research in Astronomy (HST-GO-12272.03-A) | 43 | RD | (173) |
| Association of Universities for Research in Astronomy (HST-GO-12281.02-A) | 43 | RD | 14,608 |
| Association of Universities for Research in Astronomy (HST-GO-12283.01-A) | 99 | RD | 70,759 |
| Association of Universities for Research in Astronomy (HST-GO-12289.02) | 99 | RD | 50,494 |
| Association of Universities for Research in Astronomy (HST-GO-12290.01-A) | 99 | RD | 9,400 |
| Association of Universities for Research in Astronomy (HST-GO-12290.03-A) | 99 | RD | 753 |
| Association of Universities for Research in Astronomy (HST-GO-12292.01-A) | 43 | RD | 48,677 |
| Association of Universities for Research in Astronomy (HST-GO-12298.07-A) | 43 | RD | (641) |
| Association of Universities for Research in Astronomy (HST-GO-12305.01-A) | 99 | RD | 20 |
| Association of Universities for Research in Astronomy (HST-GO-12307.01-A) | 43 | RD | 19,414 |
| Association of Universities for Research in Astronomy (HST-GO-12360.01-A) | 43 | RD | 38,582 |
| Association of Universities for Research in Astronomy (HST-GO-12435.01-A) | 99 | RD | 7,262 |
| Association of Universities for Research in Astronomy (HST-GO-12437.01-A) | 43 | RD | 19,747 |
| Association of Universities for Research in Astronomy (HST-GO-12469.01-A) | 43 | RD | 12,994 |
| Association of Universities for Research in Astronomy (HST-GO-12473.10-A) | 43 | 001 | 1,713 |
| Association of Universities for Research in Astronomy (HST-GO-12514.06-A) | 43 | 002 | 1,348 |
| Association of Universities for Research in Astronomy (HST-GO-12523.03-A) | 43 | 001 | 3,549 |
| Association of Universities for Research in Astronomy (HST-GO-12531.01-A) | 43 | RD | 34,269 |
| Association of Universities for Research in Astronomy (HST-GO-12533.01-A) | 43 | RD | 24,644 |
| Association of Universities for Research in Astronomy (HST-GO-12549.02-A) | 43 | 001 | 158 |
| Association of Universities for Research in Astronomy (HST-GO-12549.12-A-CYC1) | 43 | RD | 6,631 |
| Association of Universities for Research in Astronomy (HST-GO-12555.02-A) | 43 | 001 | 65,835 |
| Association of Universities for Research in Astronomy (HST-GO-12568.01-A) | 99 | RD | 20,228 |
| Association of Universities for Research in Astronomy (HST-GO-12568.12-A) | 43 | RD | 1,732 |
| Association of Universities for Research in Astronomy (HST-GO-12572.08-A) | 43 | RD | 91,005 |
| Association of Universities for Research in Astronomy (HST-GO-12576.01-A) | 43 | RD | 14,608 |
| Association of Universities for Research in Astronomy (HST-GO-12593.01-A) | 99 | RD | 87,880 |
| Association of Universities for Research in Astronomy (HST-GO-12597.01-A) | 99 | RD | 1,371 |
| Association of Universities for Research in Astronomy (HST-GO-12602.03-A) | 99 | RD | 23,676 |
| Association of Universities for Research in Astronomy (HST-GO-12608-01-A) | 43 | RD | 8,401 |
| Association of Universities for Research in Astronomy (HST-GO-12612.02-A) | 43 | RD | 311 |
| Association of Universities for Research in Astronomy (HST-GO-12659.02-A) | 99 | RD | 388 |
| Association of Universities for Research in Astronomy (HSTGO12659.03A) | 43 | RD | 823 |
| Association of Universities for Research in Astronomy (HST-GO-12752.11-A) | 99 | RD | 15,647 |
| Association of Universities for Research in Astronomy (HST-GO-12759.02-A) | 43 | 001 | 8,185 |
| Association of Universities for Research in Astronomy (HSTGO12800.03A) | 43 | RD | 23,116 |
| Association of Universities for Research in Astronomy (HST-GO-12863.05-A) | 43 | 001 | 25,463 |
| Association of Universities for Research in Astronomy (HST-GO-12866.13-A-CYC1) | 43 | RD | 12,222 |
| Association of Universities for Research in Astronomy (HST-GO-12880.03-A) | 43 | RD | 4,241 |
| Association of Universities for Research in Astronomy (HST-GO-12889.07-A) | 43 | RD | 16,511 |
| Association of Universities for Research in Astronomy (HST-GO-12911.04-A) | 99 | RD | 25,509 |
| Association of Universities for Research in Astronomy (HST-GO-12914.04-A-CYC1) | 43 | RD | 29,730 |
| Association of Universities for Research in Astronomy (HSTGO12947.04A) | 43 | RD | 6,685 |
| Association of Universities for Research in Astronomy (HST-GO-12959.01-A) | 99 | RD | 8,248 |
| Association of Universities for Research in Astronomy (HST-GO-12966.03-A-CYC1) | 43 | RD | 8,001 |
| Association of Universities for Research in Astronomy (HST-GO-12971.01-A) | 99 | RD | 22,063 |
| Association of Universities for Research in Astronomy (HST-GO-13008.02-A) | 43 | RD | 6,360 |
| Association of Universities for Research in Astronomy (HST-GO-13013.04-A) | 43 | 001 | 1,783 |
| Association of Universities for Research in Astronomy (HST-GO-13033.06-A) | 43 | 001 | 12,598 |
| Association of Universities for Research in Astronomy (HST-GO-13039.01-A) | 43 | 001 | 27,654 |
| Association of Universities for Research in Astronomy (HST-GO-13045-CYC2) | 43 | RD | 6,966 |
| Association of Universities for Research in Astronomy (HST-HF-51254.01-A) | 43 | RD | 18,834 |
| Association of Universities for Research in Astronomy (HST-HF-51272.01-A) | 43 | 001 | 24,471 |
| Association of Universities for Research in Astronomy (HST-HF-51278.01-A) | 43 | 001 | 96,735 |
| Association of Universities for Research in Astronomy (HST-HF-51294.01-A) | 43 | RD | 27,101 |
| Association of Universities for Research in Astronomy (HST-HF-51302.01-A) | 43 | 001 | 80,726 |
| Association of Universities for Research in Astronomy (HST-HF-51304.01-A) | 43 | RD | 93,010 |
| Association of Universities for Research in Astronomy (HST-HF-51309.01-A) | 43 | RD | 88,991 |
| Association of Universities for Research in Astronomy (N048220-N) | 47 | RD | 6,841 |
| Association of Universities for Research in Astronomy (N100750-A) | 47 | RD | 25,219 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Astraea Therapeutics, LLC (2012-UCI-033744-CYC1) | 93 | 279 | 68,226 |
| Astronomical Society of the Pacific, The (NNX10AE71G) | 43 | RD | 39,777 |
| Ata Engineering, Inc. (SUB PO 4397 (N68335-09-C-0340)) | 12 | 300 | 69,182 |
| Atmospheric & Space Technology Research Associates (94-01) | 99 | RD | 3,696 |
| Auburn University (12-EI-222887-UCLA) | 15 | 615 | 20,067 |
| Aurora Flight Sciences Corporation (AFS11-0016) | 99 | RD | 88,138 |
| Aurrioin, LLC (59010) | 12 | 431 | 144,754 |
| Aurrioin, LLC (SB120043) | 12 | 910 | 1,051,167 |
| Aurrioin, LLC (SB120194) | 12 | RD | 23,989 |
| Avanti Tech, LLC (SUB 20102247 (F2-5568)) | 12 | 800 | 119,951 |
| Bae Systems (Great Britain) (316063) | 12 | 800 | 899,596 |
| Bae Systems (Great Britain) (802719) | 12 | RD | 66,246 |
| Bae Systems (Great Britain) (809863) | 99 | RD | 169,199 |
| Bae Systems (Great Britain) (822373) | 12 | 431 | 91,153 |
| Bahr Management, Inc. (UCSF#A110720) | 93 | RD | 19,895 |
| Bakeraecom (UCSD-PTS-001) | 97 | 022 | 414,394 |
| Banner Research Institute (78941) | 93 | 866 | (8,933) |
| Barich Business Services, LLC (SC-12-11-01) | 59 | 006 | 4,437 |
| Bates College (005615) | 47 | 076 | 8,496 |
| Battelle Memorial Institute (00080440) | 81 | RD | 1,203 |
| Battelle Memorial Institute (00088708) | 81 | RD | 208,852 |
| Battelle Memorial Institute (00090527) | 81 | RD | 10,441 |
| Battelle Memorial Institute (00090622) | 81 | RD | 7,395 |
| Battelle Memorial Institute (00093542) | 81 | RD | 9,589 |
| Battelle Memorial Institute (00101461) | 81 | RD | 23,274 |
| Battelle Memorial Institute (00102215) | 81 | RD | 399,417 |
| Battelle Memorial Institute (00107827-CYC3) | 81 | RD | 45,578 |
| Battelle Memorial Institute (00118203) | 81 | 121 | 137,530 |
| Battelle Memorial Institute (00118545) | 81 | RD | 259,990 |
| Battelle Memorial Institute (00119430) | 81 | RD | 120,822 |
| Battelle Memorial Institute (00120569-CYC1) | 81 | RD | 268,642 |
| Battelle Memorial Institute (00120925) | 81 | RD | 62,726 |
| Battelle Memorial Institute (00126578) | 81 | RD | 99,027 |
| Battelle Memorial Institute (120399) | 81 | RD | 279,319 |
| Battelle Memorial Institute (159133) | 81 | RD | 6,280 |
| Battelle Memorial Institute (236817) | 93 | 800 | 303,531 |
| Battelle Memorial Institute (42989) | 81 | RD | (711) |
| Battelle Memorial Institute (52183) | 81 | RD | 115,546 |
| Battelle Memorial Institute (90320) | 81 | RD | 5,044 |
| Battelle Memorial Institute (US001-0000305296) | 12 | 300 | (25) |
| Baxter Innovations Gmbh (005957) | 93 | 859 | 37,997 |
| Bay Area Research Corporation (94769) | 43 | RD | 5,006 |
| Baylor College of Medicine (101235648) | 93 | 837 | 26,368 |
| Baylor College of Medicine (101378917) | 93 | 867 | 4,197 |
| Baylor College of Medicine (101524520) | 93 | 389 | 17,596 |
| Baylor College of Medicine (101529102-CYC1) | 93 | 867 | 31,955 |
| Baylor College of Medicine (101573172) | 93 | 394 | 8,681 |
| Baylor College of Medicine (101598921) | 93 | 838 | 166,557 |
| Baylor College of Medicine (101622295) | 93 | 393 | 228,679 |
| Baylor College of Medicine (101703436-CYC1) | 93 | 867 | 263,035 |
| Baylor College of Medicine (460041047004:05) | 93 | 361 | 27 |
| Baylor College of Medicine (5600480795:3) | 93 | 395 | 20,539 |
| Baylor College of Medicine (5600482166) | 93 | 837 | 17,311 |
| Baylor College of Medicine (5600491721) | 93 | 846 | 63,974 |
| Baylor College of Medicine (5600557963:02) | 93 | 395 | 3,338 |
| Baylor College of Medicine (83216) | 93 | 847 | (909) |
| ARRA-Baylor College of Medicine (83329) | 93 | 701 | 214 |
| Baylor College of Medicine (87874) | 93 | 847 | (1) |
| Baylor College of Medicine (PO# 5600716512:01) | 93 | 865 | 407,345 |
| Baylor College of Medicine (SUB 101380098 (EY016525)) | 93 | 867 | 72,879 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA

Schedule of Expenditures of Federal Awards

For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Baylor College of Medicine (SUB 101693305 (EY016529)) | 93 | 867 | 636,657 |
| Baylor University Medical Center (41010001215) | 99 | RD | 143,533 |
| Baylor University Medical Center (41500171100) | 12 | 420 | 2,844 |
| Bbn Technologies Corp. (13765171-011) | 12 | 630 | 38,121 |
| Bbn Technologies Corp. (13891) | 12 | RD | 40,767 |
| Bbn Technologies Corp. (14075) | 99 | RD | 853,533 |
| ARRA-Bbn Technologies Corp. (1797) | 47 | 082 | 16,783 |
| ARRA-Bbn Technologies Corp. (ARRA1776) | 47 | 070 | 43,864 |
| ARRA-Bbn Technologies Corp. (ARRA1786) | 47 | RD | 946 |
| ARRA-Bbn Technologies Corp. (ARRA1792) | 47 | RD | 247,228 |
| Bbn Technologies Corp. (PO#9500011577) | 99 | RD | 77,687 |
| Bbn Technologies Corp. (W911NF0920053) | 12 | RD | 632,817 |
| Bbn Technologies Corp. (W911NF-09-2-0053) | 12 | 630 | 931,685 |
| Bd (33099) | 47 | RD | (7,643) |
| Behavioral Tech Research, Inc. (MH093071-01A1) | 93 | 242 | 22,508 |
| Benaroya Research Institute at Virginia Mason (SUB FY11.010.03346-01.A55905(N) | 93 | RD | 40,096 |
| Berkeley Bionics, Inc. (94802) | 47 | 041 | 206 |
| Berkeley, City of (8944) | 20 | 505 | 40,981 |
| Bermuda Institute of Ocean Sciences (133559) | 47 | 050 | 70,449 |
| Bermuda Institute of Ocean Sciences (621188) | 11 | 431 | 106,889 |
| Beth Israel Deaconess Medical Center (01024601) | 93 | 396 | 32,051 |
| ARRA-Beth Israel Deaconess Medical Center (58091) | 93 | 701 | (15) |
| ARRA-Beth Israel Deaconess Medical Center (79025) | 93 | 701 | (1,024) |
| Beth Israel Deaconess Medical Center (SUB NONE (DK080665)) | 93 | 847 | 316,693 |
| Beth Israel Deaconess Medical Center (SUB NONE (HL094555)) | 93 | 839 | 120,340 |
| ARRA-Bevilacqua Knight, Inc. (ARRA11161108) | 81 | RD | 26,872 |
| Biodata Innovation Systems, LLC (RHL102940A) | 93 | 838 | 3,386 |
| Biopico Systems (BPS-53551-CYC1) | 93 | 113 | 324 |
| Biopico Systems (BPS-53603-CYC1) | 93 | 113 | 17,044 |
| Biopico Systems (BS-52083-CYC1) | 12 | 420 | 20,000 |
| Blood Systems, Inc. dba Blood Systems Research Institute (10256MB01) | 93 | RD | 8,064 |
| Blood Systems, Inc. dba Blood Systems Research Institute (10827-UC-01) | 12 | 420 | 193,416 |
| Blood Systems, Inc. dba Blood Systems Research Institute (10841-UC-01) | 93 | RD | 39,909 |
| Blood Systems, Inc. dba Blood Systems Research Institute (10841-UC-02) | 93 | RD | 13,525 |
| Blood Systems, Inc. dba Blood Systems Research Institute (10843-UC-01) | 93 | RD | 10,214 |
| ARRA-Bob Lawrence & Associates, Inc. (ARRA2741002) | 81 | 087 | 2,584 |
| Booz Allen Hamilton, Inc. (005224) | 20 | 999 | 119,651 |
| Booz Allen Hamilton, Inc. (005626) | 20 | 999 | 313,720 |
| Booz Allen Hamilton, Inc. (005893) | 20 | 999 | 15,274 |
| Boston College (005917) | 47 | 049 | 16,009 |
| Boston College (5001828-1) | 12 | 800 | 25,905 |
| Boston College (SUB 5001537-14 SANDELL) | 96 | 007 | 40,698 |
| Boston Fusion (BF-5008-SK002) | 12 | 910 | 10,047 |
| Boston Medical Center Corporation (BMC ID 2145 (AA016059)) | 93 | 273 | 15,604 |
| Boston Medical Center Corporation (SUB 0310101 (DA032082)) | 93 | 279 | 43,823 |
| Boston Medical Center Corporation (SUB 20120600 (CA120950)) | 93 | 395 | (2,671) |
| Boston University (30680) | 93 | 866 | 147,204 |
| Boston University (33934) | 93 | 866 | 346,056 |
| Boston University (4500000129) | 47 | 050 | 306,493 |
| Boston University (4500000654) | 47 | 074 | 62,586 |
| Boston University (4500001162-CYC1) | 93 | 143 | 46,443 |
| Boston University (4500001209) | 93 | 865 | 15,129 |
| Boston University (4500001229) | 93 | 846 | 1,492 |
| Boston University (59066) | 12 | 630 | 12,527 |
| Boston University (72725) | 93 | 846 | 9,121 |
| Boston University (9500300288) | 93 | 113 | 192,550 |
| Boston University (9500300580) | 12 | 420 | 36,572 |
| Boston University (RA205800NGQ) | 93 | 866 | 152,961 |
| ARRA-Brain Plasticity Institute (72350) | 93 | 701 | (1,178) |
| Brain Trauma Foundation, Inc. (UCSF#A120415) | 12 | RD | 127,764 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Breakaway, Ltd. (20132843) | 99 | RD | 28,833 |
| Brechtel Manufacturing, Inc. (201121923) | 47 | 041 | 50,000 |
| Brentwood Biomedical Research Institute (20064207:05) | 93 | 855 | (23,017) |
| Brentwood Biomedical Research Institute (20071559) | 93 | 853 | 65,789 |
| Brentwood Biomedical Research Institute (2007387604) | 93 | 847 | 164,654 |
| Brentwood Biomedical Research Institute (20084197:4) | 93 | 242 | 274,458 |
| Brentwood Biomedical Research Institute (20103090) | 93 | 242 | 38,970 |
| Brentwood Biomedical Research Institute (20103475) | 93 | 847 | 5,633 |
| Brentwood Biomedical Research Institute (20110620:2) | 93 | 853 | 109,051 |
| Brentwood Biomedical Research Institute (20111179:02) | 93 | 273 | 142,159 |
| Brentwood Biomedical Research Institute (20111377:2) | 93 | 853 | 132,532 |
| Brentwood Biomedical Research Institute (20111879) | 93 | 855 | 14,094 |
| Brentwood Biomedical Research Institute (20111881:02) | 93 | 273 | 49,491 |
| Brentwood Biomedical Research Institute (2011257402) | 93 | 847 | 3,679 |
| Brentwood Biomedical Research Institute (20113480) | 93 | 273 | 72,421 |
| Brentwood Biomedical Research Institute (20114265) | 93 | 853 | 61,510 |
| Brentwood Biomedical Research Institute (20121469) | 93 | 847 | 47,141 |
| Brentwood Biomedical Research Institute (20130715) | 93 | 855 | 38,294 |
| Brentwood Biomedical Research Institute (20132299) | 93 | 395 | 7,414 |
| Brentwood Biomedical Research Institute (20132325) | 93 | 396 | 7,414 |
| Brentwood Biomedical Research Institute (59803) | 93 | 847 | 20,382 |
| Brentwood Biomedical Research Institute (B07-9162:05) | 93 | 855 | 26,057 |
| Brentwood Biomedical Research Institute (SUB NONE (AI075565)) | 93 | RD | 2,774 |
| Brigham and Women's Hospital (101936) | 93 | 242 | 20,368 |
| Brigham and Women's Hospital (105057) | 93 | 855 | 186,200 |
| Brigham and Women's Hospital (105100) | 93 | 846 | 65,559 |
| Brigham and Women's Hospital (1059632) | 93 | 837 | 181,892 |
| Brigham and Women's Hospital (106370:2) | 93 | 286 | 171,568 |
| Brigham and Women's Hospital (107288) | 93 | 393 | 70,036 |
| Brigham and Women's Hospital (107578) | 93 | 838 | 906 |
| Brigham and Women's Hospital (108079) | 93 | 855 | 232,271 |
| Brigham and Women's Hospital (108082) | 93 | 855 | 297,187 |
| Brigham and Women's Hospital (108084) | 93 | 855 | 323,630 |
| Brigham and Women's Hospital (108090-HAVLIR) | 93 | 855 | 30,518 |
| Brigham and Women's Hospital (108090-HUNT) | 93 | 855 | 39,532 |
| Brigham and Women's Hospital (108090-PETERS) | 93 | 855 | 50,725 |
| Brigham and Women's Hospital (108272) | 93 | 855 | 41,505 |
| Brigham and Women's Hospital (108402) | 93 | 855 | 59,105 |
| Brigham and Women's Hospital (108415) | 93 | 394 | 207,924 |
| Brigham and Women's Hospital (108485) | 93 | 855 | 21,929 |
| Brigham and Women's Hospital (108520) | 93 | 393 | 14,031 |
| Brigham and Women's Hospital (108561) | 93 | 855 | 14,517 |
| Brigham and Women's Hospital (108685-CYC1) | 93 | 853 | 239,633 |
| Brigham and Women's Hospital (1P50MH082679) | 93 | 242 | 52,132 |
| Brigham and Women's Hospital (87535) | 93 | 172 | (5,683) |
| Brigham and Women's Hospital (PS#105087/CTOT-11) | 93 | 855 | 12,006 |
| Brigham and Women's Hospital (PS#105087/CTOT-11) | 93 | 855 | 1,032 |
| Brigham and Women's Hospital (SUB 103252 (HL075419)) | 93 | 838 | 64,255 |
| Brigham and Women's Hospital (SUB 103486 (HHSA290200810010)) | 93 | RD | (149) |
| Brigham and Women's Hospital (SUB 106355 (AI081949)) | 93 | 855 | 35,101 |
| Brigham and Women's Hospital (SUB 106369 (EB005149) CORE 1B) | 93 | 286 | 107,269 |
| Brigham and Women's Hospital (SUB 106370 (EB005149) CORE 2) | 93 | 286 | 13,204 |
| Brigham and Women's Hospital (SUB 108079 (AI068636)) | 93 | 855 | 57,433 |
| Brigham and Women's Hospital (SUB 108264 (AI068636)) | 93 | 885 | 59,204 |
| Brigham and Women's Hospital (SUB 108364 (AI068636)) | 93 | 855 | 3,523 |
| Brigham and Women's Hospital (SUB 108685 (NS 079201)) | 93 | 853 | 99,746 |
| Brigham and Women's Hospital (SUB NONE (AI68636)) | 93 | RD | 196,244 |
| Brigham and Women's Hospital (SUB NONE (HL098297)) | 93 | 839 | 139,689 |
| Brigham and Women's Hospital (UCSF#A106686) | 93 | RD | (520) |
| Brigham and Women's Hospital (UCSF#A115904) | 93 | 394 | 10,150 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Brigham and Women's Hospital (UCSF#A117662) | 93 | 399 | 13,107 |
| ARRA-Brigham and Women's Hospital (UCSF#A118640) | 93 | RD | 123,910 |
| Bristol Harbor Group, Inc. (005902) | 99 | 999 | 89,664 |
| Broad Institute, Inc. (87405) | 93 | 172 | 587 |
| Broad Institute, Inc. (87903) | 93 | 172 | (9,867) |
| Broad Institute, Inc. (SUB 5410260-5500000126 (HG005) | 93 | 172 | 130,224 |
| Brookhaven National Laboratory/Brookhaven Science Associates, LLC (186731-002) | 99 | RD | 213,282 |
| Brookhaven National Laboratory/Brookhaven Science Associates, LLC (198731) | 99 | RD | 79,204 |
| Brookhaven National Laboratory/Brookhaven Science Associates, LLC (200238) | 81 | RD | 76,305 |
| Brookhaven National Laboratory/Brookhaven Science Associates, LLC (223656) | 99 | RD | 81,363 |
| Brookhaven National Laboratory/Brookhaven Science Associates, LLC (233044) | 99 | RD | 50,994 |
| Brookhaven National Laboratory/Brookhaven Science Associates, LLC (241533) | 99 | RD | 38,455 |
| Brookhaven National Laboratory/Brookhaven Science Associates, LLC (39554) | 81 | RD | 272,748 |
| Brown University (00000456) | 12 | 300 | 44,911 |
| Brown University (00000485) | 12 | 300 | 83,517 |
| Brown University (00000502) | 12 | 300 | 100,509 |
| Brown University (00000531-CYC1) | 93 | 846 | 85,773 |
| Brown University (FA-9550-12-1-0488) | 12 | 800 | 89,151 |
| Buck Institute for Research on Aging (2049) | 93 | 866 | 117,865 |
| Buck Institute for Research on Aging (2050) | 93 | 866 | 164,350 |
| Buck Institute for Research on Aging (SUB 2031(AG029631)) | 93 | 866 | 39,115 |
| ARRA-Cal H&W Office of Health Information Integrity (11-H9009) | 93 | 719 | 144,202 |
| Calance Corporation (20120766) | 99 | RD | 157,582 |
| California Association for Research in Astronomy (10001-004) | 99 | RD | 26,354 |
| California Association for Research in Astronomy (10002 MOD #4) | 99 | RD | 22,118 |
| California Association for Research in Astronomy (11334) | 47 | 049 | 138,893 |
| California Association for Research in Astronomy (24564) | 99 | RD | 36,551 |
| California Association of Nurseries and Garden Centers (frmly Can) (201118604) | 10 | 170 | 227,028 |
| California Center for Sustainable Energy (032140) | 81 | 087 | (1,597) |
| California Coastal Commission (R/CONT-212EPD-TRAINEE) | 11 | 417 | 8,250 |
| California Coastal Conservancy (12065) | 66 | 126 | 4,271 |
| California Department of Aging (32012) | 93 | 778 | 47,757 |
| California Department of Aging (83643) | 93 | 778 | (3,739) |
| California Department of Alcohol and Drug Problems (12-00117) | 93 | 959 | 700,091 |
| California Department of Alcohol and Drug Problems (18687) | 93 | 959 | 34 |
| California Department of Education (96826) | 84 | 367 | 15,620 |
| California Department of Education (96827) | 84 | 367 | 9,855 |
| ARRA-California Department of Education (CN110402) | 93 | 708 | 347,671 |
| California Department of Education (ITQ-03-360) | 84 | 367 | 42,480 |
| California Department of Education (NCLB9-CWLP-UCB) | 84 | 367 | 20,051 |
| California Department of Education Curriculum and Instruction (18276) | 84 | RD | 83 |
| California Department of Education Curriculum and Instruction (18277) | 84 | RD | 216 |
| California Department of Education Curriculum and Instruction (23135) | 84 | RD | 40,000 |
| California Department of Education Curriculum and Instruction (NCLB9-CMP-UCSB) | 84 | 367 | 22,500 |
| California Department of Education Curriculum and Instruction (NCLB9-CSP-UCSB) | 84 | 367 | 17,509 |
| California Department of Education Curriculum and Instruction (NCLB9-CWP-UCSB) | 84 | 367 | 34,386 |
| California Department of Fish and Wildlife (84054) | 11 | 438 | 28,538 |
| California Department of Fish and Wildlife (84065) | 15 | RD | 1,543 |
| California Department of Fish and Wildlife (P1181006) | 15 | 605 | 266,278 |
| California Department of Food and Agriculture (004989) | 10 | 170 | 151,447 |
| California Department of Food and Agriculture (005389) | 10 | 025 | 19,836 |
| California Department of Food and Agriculture (005504) | 10 | 170 | 58,403 |
| California Department of Food and Agriculture (005506) | 10 | 170 | 60,067 |
| California Department of Food and Agriculture (005507) | 10 | 170 | 70,289 |
| California Department of Food and Agriculture (005508) | 10 | 170 | 69,180 |
| California Department of Food and Agriculture (005881) | 10 | 170 | 81,141 |
| California Department of Food and Agriculture (005936) | 10 | 170 | 24,954 |
| California Department of Food and Agriculture (005954) | 10 | 170 | 13,986 |
| California Department of Food and Agriculture (005956) | 10 | 170 | 17,460 |
| California Department of Food and Agriculture (100278) | 10 | 200 | 1,880 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| California Department of Food and Agriculture (11-0448-SA) | 10 | 025 | 38,100 |
| California Department of Food and Agriculture (120444SA) | 10 | RD | 907 |
| California Department of Food and Agriculture (18955) | 10 | 170 | (4,817) |
| California Department of Food and Agriculture (24048) | 10 | 170 | 33,715 |
| California Department of Food and Agriculture (33249) | 10 | 170 | 50,949 |
| California Department of Food and Agriculture (33302) | 10 | 170 | 115,634 |
| California Department of Food and Agriculture (83507) | 10 | RD | (735) |
| California Department of Food and Agriculture (83593) | 10 | 170 | 822 |
| California Department of Food and Agriculture (83610) | 10 | 170 | 3,408 |
| California Department of Food and Agriculture (83615) | 10 | 170 | 11,438 |
| California Department of Food and Agriculture (83621) | 10 | 170 | 375 |
| California Department of Food and Agriculture (83622) | 10 | 170 | 31,929 |
| California Department of Food and Agriculture (83623) | 10 | 170 | (3) |
| California Department of Food and Agriculture (83625) | 10 | 170 | 67,884 |
| California Department of Food and Agriculture (83626) | 10 | 170 | (44) |
| California Department of Food and Agriculture (83859) | 10 | 170 | 122,190 |
| California Department of Food and Agriculture (83866) | 10 | 170 | (364) |
| California Department of Food and Agriculture (96821) | 10 | 025 | 637 |
| California Department of Food and Agriculture (SCB09044) | 10 | 170 | (2,800) |
| California Department of Food and Agriculture (SCB10012) | 10 | 170 | 207,274 |
| California Department of Food and Agriculture (SCB10014) | 10 | 170 | 78,562 |
| California Department of Food and Agriculture (SCB10030) | 10 | 170 | 165,945 |
| California Department of Food and Agriculture (SCB10037) | 10 | 170 | 5,626 |
| California Department of Food and Agriculture (SCB10043) | 10 | 170 | 88,194 |
| California Department of Food and Agriculture (SCB10055) | 10 | 170 | 140,104 |
| California Department of Food and Agriculture (SCB10057) | 10 | 170 | 134,976 |
| California Department of Food and Agriculture (SCB10058) | 10 | 170 | 3,973 |
| California Department of Food and Agriculture (SCB10062) | 10 | 170 | 233,521 |
| California Department of Food and Agriculture (SCB10063) | 10 | 170 | 1,925 |
| California Department of Food and Agriculture (SCB10074) | 10 | 170 | 31,525 |
| California Department of Food and Agriculture (SCB11001) | 10 | 170 | 27,828 |
| California Department of Food and Agriculture (SCB11013) | 10 | 170 | 187,301 |
| California Department of Food and Agriculture (SCB11017) | 10 | 170 | 160,712 |
| California Department of Food and Agriculture (SCB11018) | 10 | 170 | 147,771 |
| California Department of Food and Agriculture (SCB11020) | 10 | 170 | 122,659 |
| California Department of Food and Agriculture (SCB11028) | 10 | 170 | 58,555 |
| California Department of Food and Agriculture (SCB11030) | 10 | 170 | 33,989 |
| California Department of Food and Agriculture (SCB11054) | 10 | 170 | 106,333 |
| California Department of Food and Agriculture (SCB11055) | 10 | 170 | 168,842 |
| California Department of Food and Agriculture (SCB11058) | 10 | 170 | 131,286 |
| California Department of Food and Agriculture (SCB11063) | 10 | 170 | 113,636 |
| California Department of Food and Agriculture (SCB11064) | 10 | 170 | 52,623 |
| California Department of Food and Agriculture (SCB11065) | 10 | 170 | 85,455 |
| California Department of Food and Agriculture (SCB11066) | 10 | 170 | 82,097 |
| California Department of Food and Agriculture (SCB11067) | 10 | 170 | 37,715 |
| California Department of Food and Agriculture (SCB11068) | 10 | 170 | 30,249 |
| California Department of Food and Agriculture (SCB11069) | 10 | 170 | 73,368 |
| California Department of Food and Agriculture (SCB11070) | 10 | 170 | 53,327 |
| California Department of Food and Agriculture (SCB11071) | 10 | 170 | 60,537 |
| California Department of Food and Agriculture (SCB12039) | 10 | 170 | 31,672 |
| California Department of Food and Agriculture (SCB12050) | 10 | 170 | 14,990 |
| California Department of Food and Agriculture (SCB12052) | 10 | 170 | 43,241 |
| California Department of Food and Agriculture (SCB12062) | 10 | 170 | 12,523 |
| California Department of Food and Agriculture (SCB12063) | 10 | 170 | 56 |
| California Department of Food and Agriculture (SCB12065) | 10 | 170 | 3,352 |
| California Department of Food and Agriculture (SCB12066) | 10 | 170 | 7,055 |
| California Department of Food and Agriculture (SCB12067) | 10 | 170 | 17,377 |
| California Department of Food and Agriculture (SCB12068) | 10 | 170 | 16,856 |
| California Department of Food and Agriculture (UCSCMCA11011) | 10 | 170 | 28,373 |
| California Department of Food and Agriculture/miscellaneous Agencies (SCB12046) | 10 | 170 | 52,124 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| California Department of Forestry and Fire Protection (005885) | 10 | 680 | 82,539 |
| California Department of Forestry and Fire Protection (005888) | 10 | 680 | 117,446 |
| California Department of Forestry and Fire Protection (10DG11052021038) | 10 | 680 | 13,214 |
| ARRA-California Department of Forestry and Fire Protection (18970) | 10 | 688 | 181 |
| California Department of Forestry and Fire Protection (8CA12404) | 10 | 675 | 14,371 |
| California Department of Health Care Services (09-11208) | 93 | RD | 831,344 |
| California Department of Health Care Services (0986283) | 93 | 251 | 22,124 |
| California Department of Health Care Services (1110082) | 66 | 458 | 313,692 |
| California Department of Health Care Services (11-88280) | 93 | 536 | 447,049 |
| California Department of Health Care Services (11-H9014) | 93 | RD | 833,311 |
| California Department of Health Care Services (18852) | 93 | RD | (17,915) |
| California Department of Industrial Relations (C8953539) | 15 | RD | 6,000 |
| California Department of Pesticide Regulation (005232) | 10 | 170 | 50,867 |
| California Department of Pesticide Regulation (005503) | 66 | 700 | 76,255 |
| California Department of Public Health (09-11183) | 10 | RD | 1,936,557 |
| California Department of Public Health (10-95213) | 93 | RD | 893,848 |
| California Department of Public Health (10-95221) | 93 | RD | 2,568,834 |
| California Department of Public Health (10-95229) | 93 | 153 | 188,226 |
| California Department of Public Health (11-10109) | 93 | RD | 9,542,336 |
| California Department of Public Health (1110173) | 66 | 468 | 190,204 |
| California Department of Public Health (1110267) | 10 | 561 | 132,470 |
| California Department of Public Health (1110690) | 93 | 940 | 304,402 |
| California Department of Public Health (11-10743) | 93 | RD | 144,871 |
| California Department of Public Health (1110931) | 93 | 103 | 79,142 |
| California Department of Public Health (12-10019) | 93 | RD | 2,248,523 |
| California Department of Public Health (1210111) | 10 | 561 | 1,321,299 |
| California Department of Public Health (1210128) | 93 | 283 | 535,387 |
| California Department of Public Health (18861) | 10 | RD | (33,302) |
| California Department of Rehabilitation (28316) | 84 | RD | 54,280 |
| California Department of Rehabilitation (28680) | 84 | 126 | 63,186 |
| California Department of Social Services (11-2021) | 93 | 558 | 883,498 |
| California Department of Social Services (112027) | 93 | RD | 896,785 |
| California Dept of Transportation Division of Research and Innovation (43A0256) | 20 | RD | 80 |
| California Education, Liaison, Office of (CN110236) | 10 | 579 | 86,173 |
| California Emergency Management Agency (000-92086 (2011-0077)) | 97 | RD | 37,800 |
| California Emergency Management Agency (AT11081141) | 16 | 575 | 69,912 |
| California Emergency Management Agency (FEMA-1884-DR-CA, PROJECT #PL23) | 97 | 039 | 46,767 |
| California Emergency Management Agency (SUB 6036-1 (NONE)) | 97 | 067 | 145,916 |
| California Employment Development Department (K287149-CYC1) | 17 | 258 | 145,975 |
| California Energy Commission (50010032) | 81 | RD | 56,897 |
| California Family Health Council, Inc. (72394) | 93 | 974 | 10,348 |
| California Fire Safe Council, Inc. (10USFS-ES306) | 10 | 664 | 3,923 |
| California Grape and Tree Fruit League (005739) | 10 | 299 | 21,861 |
| California Health Benefit Exchange (11-E9033) | 93 | 525 | 128,508 |
| California Institute of Technology (005428) | 47 | 041 | 62,258 |
| California Institute of Technology (19-1089396) | 93 | 859 | 159,372 |
| California Institute of Technology (19GM1087680) | 93 | RD | 442,215 |
| California Institute of Technology (2-1087573-04) | 99 | RD | 6,568 |
| California Institute of Technology (2-1090925) | 43 | RD | 110,051 |
| California Institute of Technology (21B-1088934) | 93 | 395 | 2,084,354 |
| California Institute of Technology (28D-1083986) | 12 | 431 | 49,465 |
| California Institute of Technology (44A-1085101) | 43 | 002 | 2,356,028 |
| California Institute of Technology (44A-1088684-CYC3) | 43 | RD | 185,645 |
| California Institute of Technology (44E-1093366-CYC1) | 47 | 049 | 16,096 |
| California Institute of Technology (44Q-1092164) | 47 | 049 | 28,560 |
| California Institute of Technology (52-1092313) | 12 | 800 | 251,747 |
| California Institute of Technology (65L-1092404) | 47 | 049 | 52,904 |
| California Institute of Technology (68-1090126) | 93 | 397 | 733,728 |
| California Institute of Technology (68-1093781) | 93 | 395 | 63,208 |
| California Institute of Technology (68D1086057) | 47 | 049 | 134,385 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| California Institute of Technology (68J-1090279-CYC3) | 81 | RD | 132,049 |
| California Institute of Technology (70-1089871) | 47 | 049 | 48,398 |
| California Institute of Technology (7E-1089348) | 47 | 041 | 177,662 |
| California Institute of Technology (7E1090192) | 12 | 300 | (163) |
| California Institute of Technology (DE-SC0004949) | 81 | 049 | 248,664 |
| California Institute of Technology (SUB 1089976 (GM094610)) | 93 | 859 | 25,771 |
| California Institute of Technology (SUB 19GM-1093586 (CA164803)) | 93 | 396 | 52,817 |
| California Institute of Technology (SUB 68C-1093852 (GM094610)) | 93 | 859 | 144,493 |
| California Institute of Technology (SUB NONE (DS-SC0004993)) | 81 | 049 | 165,989 |
| ARRA-California Office of the State Fire Marshall (96501) | 10 | 688 | 18,202 |
| California Office of Traffic Safety (20685) | 20 | 610 | 26 |
| California Office of Traffic Safety (20693) | 20 | 600 | 821,024 |
| California Office of Traffic Safety (20699) | 20 | 602 | 88,692 |
| California Office of Traffic Safety (20700) | 20 | 600 | 67,380 |
| California Office of Traffic Safety (20701) | 20 | 600 | 25,485 |
| California Office of Traffic Safety (20702) | 20 | 600 | 62,920 |
| California Office of Traffic Safety (20703) | 20 | 200 | 3,641,891 |
| California Office of Traffic Safety (77979) | 30 | 600 | (867) |
| California Office of Traffic Safety (AL1319) | 20 | 600 | 35,881 |
| California Office of Traffic Safety (AL1369) | 20 | 608 | 3,294,138 |
| California Office of Traffic Safety (MC1302) | 20 | 610 | 61,263 |
| California Office of Traffic Safety (OP1310) | 20 | 600 | 218,412 |
| California Office of Traffic Safety (PS1305) | 20 | 600 | 170,073 |
| California Office of Traffic Safety (PT1345) | 20 | 602 | 795,253 |
| California Office of Traffic Safety (SUB 20522 (NONE)) | 20 | 600 | 85,382 |
| California Office of Traffic Safety (TR1307) | 20 | 610 | 203,005 |
| California Pacific Medical Center Research Institute (2803209-S106) | 93 | 233 | 84,187 |
| California Pacific Medical Center Research Institute (2803210-S046) | 93 | 866 | 69,877 |
| California Pacific Medical Center Research Institute (2803212-S040) | 93 | 866 | 712 |
| California Pacific Medical Center Research Institute (2803226-S140) | 93 | 866 | 98,265 |
| California Pacific Medical Center Research Institute (2803227-S141) | 93 | 866 | 260,349 |
| California Pacific Medical Center Research Institute (2803232-S153) | 93 | 866 | 13,711 |
| California Pacific Medical Center Research Institute (2803264-S132:01) | 93 | 867 | 143,030 |
| California Pacific Medical Center Research Institute (2803305-S147) | 93 | 853 | 11,411 |
| California Pacific Medical Center Research Institute (SUB 113681 (AG030474)) | 93 | 866 | 10,180 |
| California Pacific Medical Center Research Institute (SUB 2803209-S103 114441 (HL07) | 93 | 839 | 292,089 |
| California Parks and Recreation, Department of (18245) | 15 | 904 | 4,337 |
| California Parks and Recreation, Department of (20414) | 15 | 904 | 8,803 |
| ARRA-California Postsecondary Education Commission (CN110292) | 93 | 713 | 864,576 |
| California Postsecondary Education Commission (ITQ097600) | 84 | 367 | 773,156 |
| California Postsecondary Education Commission (ITQ10704) | 84 | 367 | 99,971 |
| California Postsecondary Education Commission (ITQ-10-710-CYC10) | 84 | 367 | 292,371 |
| California Postsecondary Education Commission (ITQ-11-808-CYC1) | 84 | 367 | 223,739 |
| California Resources Agency/miscellaneous Agencies (32936) | 97 | RD | 48,000 |
| California Sea Grant College Program (R/ENV-223) | 11 | 417 | 1,489 |
| California State Beekeepers Association, Inc. (201302111) | 10 | 170 | 32,996 |
| California State Library (005346) | 45 | 310 | 116,750 |
| California State Library (006093) | 45 | 310 | 33,943 |
| California State University (18475) | 99 | RD | (3) |
| ARRA-California State University (F-08-2347-1.0/40013948UCLA) | 47 | 082 | 35,028 |
| California State University (F-11-2870UCLA) | 99 | RD | 16,957 |
| California State University (S10-0007) | 93 | RD | 23,055 |
| California State University (S10-0009) | 93 | 242 | 37,010 |
| California State University (S10-0010) | 93 | 242 | 87,092 |
| California State University Chico/CSU Chico Research Foundation (SUB11054) | 84 | 367 | 11,268 |
| California State University Fullerton/CSU Fullerton Auxiliary Services (20113841130536) | 10 | 217 | 23,052 |
| California State University Fullerton/CSU Fullerton Auxiliary Services (S-4698-UCLA02) | 93 | 859 | 13,378 |
| California State University Fullerton/CSU Fullerton Auxiliary Services (S-4707-UCIDOE-CYC3) | 47 | 082 | 22,774 |
| California State University, Fresno Foundation (11100713) | 10 | RD | 50,211 |
| California State University, Long Beach Foundation (07-372810A-CYC1) | 81 | 121 | 98,644 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| California State University, Monterey Bay Foundation (12052011) | 97 | RD | 101,008 |
| California State University, San Diego State University (56193A P3291 7805 004 213) | 47 | 076 | 516 |
| California State University, San Diego State University (56280AP38127802) | 47 | 074 | 48,157 |
| California State University, San Diego State University (56800A P3060 7803 211) | 12 | 300 | 90,508 |
| California State University, San Diego State University (56815B P1354 7802 211-CYC1) | 93 | 837 | 16,020 |
| California State University, San Diego State University (56815B P1354 7803 211-CYC1) | 93 | 837 | 6,106 |
| California State University, San Diego State University (56825AP16237804211) | 47 | 076 | 7,853 |
| California State University, San Diego State University (57387A P3013 7802 211) | 47 | 079 | 26,551 |
| California State University, San Diego State University (87401) | 93 | 307 | (8,489) |
| California State University, San Diego State University (E0008397) | 84 | 116 | 4,826 |
| California State University, San Diego State University (SUB 54051C P3531(HD047736)) | 93 | 865 | 51,339 |
| California State University, San Diego State University (SUB 54593E P3144 7802 211(HL05)) | 93 | 839 | 7,164 |
| California State University, San Diego State University (SUB 54628A-P1366-7803-211 (HHS)) | 93 | RD | 98,797 |
| California State University, San Diego State University (SUB 55135A-P1366-7802-211(MD0)) | 93 | 307 | 23,674 |
| California State University, San Diego State University (SUB 55665C 7802 (HL092136)) | 93 | 839 | 148,611 |
| California State University, San Diego State University (SUB 55820A P3019 7803 211 (MH0)) | 93 | 242 | 6,629 |
| California State University, San Diego State University (SUB 56360A P3348 7802 212 (N0)) | 12 | 300 | 170,751 |
| California State University, San Diego State University (SUB 56586A P3013 7802 211 (GM0)) | 93 | 859 | 50,167 |
| California State University, San Diego State University (SUB 56878A P2806 7802 211 (HD)) | 93 | 865 | 104,179 |
| California State University, San Diego State University (SUB560001-P1350-7802-211(DP001)) | 93 | 135 | 51,041 |
| California State University, San Francisco State University (S110006) | 11 | 419 | 104,981 |
| California State University, San Francisco State University (S11-0023) | 15 | 512 | 12,269 |
| California State University, San Jose State University Foundation (1149UCDFED) | 20 | 701 | 40,602 |
| California State University, San Jose State University Foundation (86087) | 66 | RD | 28,602 |
| California Sustainable Winegrowing Alliance (201014564) | 10 | 170 | 12,880 |
| California Tahoe Conservancy (CTA07010) | 12 | RD | 10,911 |
| California Transportation Commission (005682) | 20 | 299 | 79,689 |
| California Transportation Commission (SRTSLNI-6342(004)) | 20 | RD | 877,893 |
| Cal-Pure Pistachios, Inc. (33236) | 10 | 215 | 30,696 |
| Cambridge Systematics, Inc. (700) | 20 | 200 | 49,806 |
| Cambridge Systematics, Inc. (710) | 20 | 200 | 3,087 |
| Cancer Prevention Institute of California (132660-01) | 93 | RD | 49,277 |
| Cancer Prevention Institute of California (R01ES019598-02-UCSF) | 93 | 113 | 64,995 |
| Cancer Targeted Technology (UCSF#A117787) | 93 | 394 | 98,435 |
| Capstone Turbine Corporation (400501283-CYC1) | 81 | RD | 27,461 |
| Care New England Health Systems (9081-8335 (PRIME R34 MH085053)) | 93 | 242 | 3,551 |
| Care New England Health Systems (9094-8335 (NR012005)) | 93 | 361 | 8,920 |
| Care New England Health Systems (9193 (AA020509)) | 93 | 273 | 3,165 |
| ARRA-Care New England Health Systems (9202 (DA023190)) | 93 | 701 | 4,620 |
| Care New England Health Systems (SUB 9088 (MH085762)) | 93 | 242 | 3,533 |
| Care New England Health Systems (SUB 9090 (MH086513)) | 93 | 242 | 16,790 |
| Care New England Health Systems (SUB 9199-8335 (DA031369)) | 93 | 279 | 8,480 |
| Carnegie Institution (4-3253-07) | 81 | 112 | 56,884 |
| Carnegie Institution (4-3253-18) | 81 | RD | 72,107 |
| Carnegie Institution (6-10375-01) | 93 | 859 | 61,579 |
| Carnegie Institution (DTM 3250-09) | 43 | RD | 27,035 |
| Carnegie Mellon University (004497) | 81 | 049 | 30,384 |
| Carnegie Mellon University (1090339-274246) | 93 | 867 | 248,125 |
| Carnegie Mellon University (1100031-232428) | 84 | 305 | 105,600 |
| Carnegie Mellon University (1120953207367) | 47 | RD | 73,040 |
| Carnegie Mellon University (1150107-284354) | 12 | 800 | 78,368 |
| Carnegie Mellon University (1150114-293600) | 12 | 910 | 89,361 |
| Carnegie Mellon University (59084) | 47 | 041 | (128) |
| Carnegie Mellon University (SUB 1041388-237990 (2009-CT-20)) | 12 | RD | 54,225 |
| Carnegie Mellon University (SUB 1120953-203966(OCI-749227) | 47 | 080 | 5,383 |
| Cary Institute of Ecosystem Studies (3161200201406) | 47 | 074 | 6,234 |
| Case Western Reserve University (87360) | 93 | 233 | (4,768) |
| Case Western Reserve University (RES502960) | 93 | 837 | 77,455 |
| Case Western Reserve University (RES503449) | 93 | 855 | 73,692 |
| ARRA-Case Western Reserve University (RES504242) | 47 | 082 | 90,270 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Case Western Reserve University (RES504476) | 47 | 049 | 71,086 |
| Case Western Reserve University (RES504477) | 47 | 049 | 13,010 |
| Case Western Reserve University (RES506229:1) | 93 | 121 | 144,833 |
| Case Western Reserve University (RES506596) | 99 | RD | 13,230 |
| Case Western Reserve University (RES507211-CYC1) | 93 | 855 | 101,375 |
| Case Western Reserve University (SUB 2013-0191 (CMMI-1134953)) | 47 | 041 | 1,423 |
| Case Western Reserve University (SUB CWRU-N01-DK-6-2203 (DK3782) | 93 | 847 | 9,516 |
| Case Western Reserve University (SUB RES507538 (DK094157)) | 93 | 847 | 151,956 |
| Cbrite, Inc. (FA8650-12-M-6314) | 99 | RD | 23,885 |
| Cbrite, Inc. (W15P7T-08-C-P410-01) | 12 | RD | 14,428 |
| Cbrite, Inc. (W15P7T-08-C-P410-04) | 99 | RD | 34,611 |
| Cbrite, Inc. (W911QX-11C-0047) | 99 | RD | 29,428 |
| Cdc Foundation (393-11SC) | 93 | RD | (12,094) |
| Cedars-Sinai Medical Center (0000500746) | 93 | 847 | 281,166 |
| Cedars-Sinai Medical Center (0000874400) | 93 | 846 | 24,074 |
| Cedars-Sinai Medical Center (0000927441) | 93 | 837 | 23,073 |
| Cedars-Sinai Medical Center (58508) | 99 | RD | 84,950 |
| Cedars-Sinai Medical Center (72638) | 93 | RD | 25,751 |
| Cedars-Sinai Medical Center (772671:001) | 93 | 865 | 173,381 |
| Cedars-Sinai Medical Center (79370) | 93 | 867 | (22,708) |
| Cedars-Sinai Medical Center (P.O.881779) | 93 | 865 | 54,390 |
| Cellerant Therapeutics, Inc. (88118) | 93 | RD | 14,303 |
| Cellerant Therapeutics, Inc. (88134) | 93 | RD | 12,448 |
| Center for Comprehensive Care & Diagnosis of Inherited Blood Disorders (CIBDIX2011CDCUCD1) | 10 | RD | 22,945 |
| Center for International Rehabilitation (201120561) | 12 | RD | 261,339 |
| Center for Land-based Learning (33318) | 10 | 170 | 7,131 |
| Central Coast Agriculture Network (33314) | 10 | 170 | 44,654 |
| Centro de Investigacion Cientifica de Ensenada (004915) | 12 | 800 | 43,164 |
| Centro de Investigacion en Materiales Avanzados (SB110033) | 12 | RD | 77,310 |
| Ceramtec, Inc. (DE-AR0000328) | 99 | RD | 83,041 |
| Cfd Research Corporation (20120164) | 93 | RD | 16,830 |
| Cfd Research Corporation (94925) | 12 | RD | 12,545 |
| Ch2m Hill (1306090) | 12 | RD | 12,471 |
| Chapman University (2011-2701) | 10 | 310 | 65,727 |
| Charles R. Drew University of Medicine and Science (11-12-JV-G007710F-UCLA-OD) | 93 | 397 | 45,841 |
| Charles R. Drew University of Medicine and Science (11-12-JV-G007710F-UCLA-SM) | 93 | 397 | 25,556 |
| Charles R. Drew University of Medicine and Science (12-13-JV-G0077100-UCLA-IG) | 93 | 307 | 39,750 |
| Charles R. Drew University of Medicine and Science (12-13-JV-G0077100-UCLA-MW) | 93 | 307 | 25,589 |
| Charles R. Drew University of Medicine and Science (12-13-JV-G0077100-UCLA-RP) | 93 | 307 | 495 |
| Charles R. Drew University of Medicine and Science (12-13-JV-G0077100-UCLA-SM) | 93 | 307 | 24,538 |
| Charles R. Drew University of Medicine and Science (12-13-KN-G0986A00-UCLA) | 93 | 307 | 500,263 |
| Charles R. Drew University of Medicine and Science (59385) | 93 | 307 | (40,252) |
| Charles R. Drew University of Medicine and Science (59561) | 93 | 307 | (3,328) |
| Charles R. Drew University of Medicine and Science (59930) | 93 | 307 | (16,287) |
| Charles R. Drew University of Medicine and Science (78660) | 93 | 389 | 20,387 |
| Charles River Analytics (SC1003701) | 12 | 910 | 160,617 |
| Charles Stark Draper Laboratory, Inc. (SC001-0000000485) | 12 | 431 | 68,191 |
| Charlotte-Mecklenburg Hospital Authority, The (85574) | 93 | 226 | 7 |
| Chemat Technology, Inc. (SUB 20122176 (FA9453-12-M-034)) | 12 | 300 | 39,967 |
| Chevron Corporation (CW793025 (FORMERLY 15019674)) | 89 | 089 | 12,516 |
| Chicago Association for Research and Education in Science (CSP LUO 0001) | 93 | 853 | 116,809 |
| Chicago Association for Research and Education in Science (UCSF#A115379) | 93 | RD | 303,808 |
| Chickasaw Nation Industries (SUB CNIIT-711-245-001-1 (HHSM)) | 93 | RD | 3,548,941 |
| Children's Discovery Museum of San Jose (NSFLS-01-02) | 47 | 076 | 57,684 |
| Children's Discovery Museum of San Jose (NSFLS-02) | 47 | 076 | 8,232 |
| Children's Hospital and Research Center at Oakland (12.7950-UCSF-1) | 93 | 283 | 24,065 |
| Children's Hospital and Research Center at Oakland (128059) | 12 | RD | 31,522 |
| Children's Hospital and Research Center at Oakland (57546) | 93 | 855 | 5,712 |
| ARRA-Children's Hospital and Research Center at Oakland (ARRA128286AARRAUCD01) | 93 | 701 | 442,961 |
| Children's Hospital Corp. (The), Boston, Mass. (0000299804) | 93 | 853 | 72,745 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Children's Hospital Corp. (The), Boston, Mass. (000033950) | 93 | 855 | 48,289 |
| Children's Hospital Corp. (The), Boston, Mass. (0000422498) | 93 | 855 | 11,106 |
| Children's Hospital Corp. (The), Boston, Mass. (0000489993) | 93 | 853 | 206,223 |
| Children's Hospital Corp. (The), Boston, Mass. (20102338) | 12 | 420 | 162,954 |
| Children's Hospital Corp. (The), Boston, Mass. (57890) | 93 | 867 | (1,475) |
| Children's Hospital Corp. (The), Boston, Mass. (58745) | 93 | 867 | (2,379) |
| ARRA-Children's Hospital Corp. (The), Boston, Mass. (71368) | 93 | 701 | 7,149 |
| ARRA-Children's Hospital Corp. (The), Boston, Mass. (77543) | 93 | 726 | 36,569 |
| Children's Hospital Corp. (The), Boston, Mass. (79135) | 93 | 867 | (20,248) |
| Children's Hospital Corp. (The), Boston, Mass. (85253) | 93 | 855 | 56,942 |
| Children's Hospital Corp. (The), Boston, Mass. (SUB NONE (FD003523)) | 93 | 103 | 115,877 |
| Children's Hospital Medical Center of Cincinnati (106277) | 93 | 310 | 12,275 |
| Children's Hospital Medical Center of Cincinnati (106802) | 99 | RD | 568,321 |
| Children's Hospital Medical Center of Cincinnati (107759) | 99 | RD | 15,838 |
| Children's Hospital Medical Center of Cincinnati (107759:3) | 93 | 853 | 4,493 |
| Children's Hospital Medical Center of Cincinnati (130474 (2K12HD00850-28)) | 93 | 865 | 195,503 |
| Children's Hospital Medical Center of Cincinnati (131124) | 93 | 855 | 3,127 |
| Children's Hospital Medical Center of Cincinnati (85979) | 93 | 865 | (7,817) |
| Children's Hospital Medical Center of Cincinnati (SUB 107759 (NS045911)) | 93 | 853 | 118,545 |
| Children's Hospital Medical Center of Cincinnati (UCSF#A121363) | 93 | 867 | 1,162 |
| Children's Hospital of Denver (SUB FY11.032.008 (HL084923)) | 93 | 838 | 7,041 |
| Children's Hospital of Los Angeles (2004-05) | 93 | 395 | 27,273 |
| Children's Hospital of Los Angeles (201300381) | 93 | 847 | 540 |
| Children's Hospital of Los Angeles (492A2) | 93 | 092 | 47,080 |
| Children's Hospital of Los Angeles (531) | 93 | 865 | 37,221 |
| Children's Hospital of Los Angeles (532) | 93 | 865 | 89,821 |
| Children's Hospital of Los Angeles (72548) | 93 | 847 | 540 |
| Children's Hospital of Los Angeles (8018-RGF004914-00-01) | 93 | 396 | 106,815 |
| Children's Hospital of Los Angeles (8018-RGF006468-00-01) | 93 | 396 | 163,671 |
| Children's Hospital of Los Angeles (808-RGF005097-00-01) | 93 | 396 | 95,637 |
| Children's Hospital of Los Angeles (82420) | 93 | 110 | (127) |
| Children's Hospital of Los Angeles (CHLA#479) | 93 | 395 | 423,103 |
| Children's Hospital of Los Angeles (N2007-03) | 93 | 395 | (42) |
| Children's Hospital of Los Angeles (P2011-0026:1) | 93 | 286 | 67,263 |
| Children's Hospital of Los Angeles (P2012-0274 UCLA) | 93 | 859 | 40,398 |
| Children's Hospital of Los Angeles (P2013-0010 (8029-RGF007646-00)) | 93 | 273 | 31,185 |
| ARRA-Children's Hospital of Los Angeles (PROJECT# 8036-RGR006033-00) | 93 | 701 | (398) |
| Children's Hospital of Los Angeles (SUB 8029-RGF007034-00 (MH0875)) | 93 | 242 | 160,415 |
| Children's Hospital of Los Angeles (UCSF#A115951) | 93 | 395 | 137,350 |
| Children's Hospital of Orange County (5R01HD059967) | 93 | 865 | 123,611 |
| Children's Hospital of Orange County (83023) | 93 | 283 | 13 |
| Children's Hospital of Philadelphia (20132358) | 99 | RD | 108 |
| Children's Hospital of Philadelphia (30175-CYC1) | 93 | 865 | 221,335 |
| Children's Hospital of Philadelphia (78113) | 93 | 865 | (4,151) |
| Children's Hospital of Philadelphia (78944) | 93 | 865 | 926 |
| Children's Hospital of Philadelphia (960211RSUB-CYC1) | 93 | 865 | 338,497 |
| Children's Hospital of Philadelphia (COG PCR NO PO - RSUB) | 93 | 395 | 136,516 |
| Children's Hospital of Philadelphia (FP00013013 (CA098543)) | 93 | 393 | 8,753 |
| Children's Hospital of Philadelphia (FP7528-03-01) | 93 | 213 | 45,622 |
| Children's Hospital of Philadelphia (P00013013_SUB339_01 (CA098543)) | 93 | 396 | 35,895 |
| Children's Hospital of Philadelphia (P00013013_SUB540-01 (CA098543)) | 93 | 395 | 28,213 |
| Children's Hospital of Philadelphia (PO#960246) | 93 | RD | 33,155 |
| Children's Hospital of Philadelphia (R01EY021137) | 93 | 867 | 1,791 |
| Children's Hospital of Philadelphia (SUB 960153RSUB (W81XWH-10-GSF)) | 12 | 420 | 3,700 |
| Children's Hospital of Philadelphia (SUB FP13013 (CA098543)) | 93 | 396 | 48,222 |
| ARRA-Children's Hospital of Philadelphia (SUB FP14106 (CA098543) ARRA) | 93 | 701 | 23,632 |
| Children's Hospital of Philadelphia (UCSF#A120765) | 93 | RD | 15,000 |
| Children's Hospital of Philadelphia (UCSF#A120811) | 93 | RD | 36,100 |
| Children's Hospital of Pittsburgh (0026567 1 19337-01 (HD064407)) | 93 | 865 | 47,440 |
| Children's Hospital of Pittsburgh (SUB CE001561 (0025841-119862-0)) | 93 | 136 | 34,943 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Children's Hospital of San Diego Research Center (87716) | 93 | 242 | (27,759) |
| Children's Hospital of San Diego Research Center (SUB 20090363 (90CA1768.01)) | 93 | 670 | 187,033 |
| Children's Hospital of San Diego Research Center (SUB NONE (MH074678)) | 93 | 242 | 70,398 |
| Children's Mercy Hospital (05-0012) | 93 | 849 | 10,123 |
| ARRA-Children's Mercy Hospital (09-0029) | 93 | 701 | 15 |
| Children's Mercy Hospital (100003) | 93 | 865 | 26,142 |
| ARRA-Children's Mercy Hospital (83354) | 93 | 701 | (140) |
| Children's Mercy Hospital (OSR #06042472) | 93 | 849 | 9,591 |
| Children's Mercy Hospital (SUB 04-0036 (DK066143)) | 93 | RD | 16,367 |
| Children's Mercy Hospital (SUB 07-005 (DK066143)) | 93 | 849 | 17,099 |
| Children's Mercy Hospital (UCSF # A120944) | 93 | 846 | 1,531 |
| Children's National Medical Center (30000520-12-04:03) | 93 | 865 | 90,521 |
| Children's National Medical Center (30000707-13-01:02) | 99 | RD | 148,399 |
| Children's National Medical Center (300013771201) | 12 | 420 | 73,595 |
| Children's National Medical Center (30001518-13-01) | 93 | 173 | 43,361 |
| Children's National Medical Center (3848-10-04) | 93 | 865 | 2,257 |
| Children's National Medical Center (40821104) | 93 | RD | 38,556 |
| Children's National Medical Center (5198-10-02) | 12 | 420 | 5,217 |
| Children's National Medical Center (SUB 30001387 (LM011320)) | 93 | 879 | 20,129 |
| Children's Research Institute (08381202) | 93 | 846 | 30,115 |
| Chinese Community Health Resource Center (UCSF#A116116) | 93 | 307 | 26,991 |
| Chongqing University (CNU-2012-06-CYC1) | 93 | 855 | 40,000 |
| Chromologic (20091488) | 99 | RD | (470) |
| Citrus Research and Development Foundation, Inc. (006137) | 10 | 309 | 508 |
| Citrus Research and Development Foundation, Inc. (13002NU781) | 10 | 309 | 68,645 |
| City and County of San Francisco (DPHC13000234) | 93 | 914 | 11,563 |
| City and County of San Francisco (VPPL-6328(054)) | 20 | 200 | 51,841 |
| City of Hope (21415.914829.6692) | 93 | 395 | 34,671 |
| ARRA-City of Hope (22019.910141.6692) | 93 | 701 | 27,890 |
| City of Hope (22390.914991.6699) | 93 | 393 | 7,219 |
| City of Hope (22524.915837.6695-CYC8) | 93 | 393 | 469,804 |
| City of Hope (22559.914849.6692-CYC4) | 93 | 393 | 12,415 |
| City of Hope (50040.914961.6694) | 93 | 393 | 20,981 |
| City of Hope (50297.919900.6693-CYC1) | 93 | 393 | 37,832 |
| City of Hope (B22746.914995.66922 (GM093325)) | 93 | 859 | 73,652 |
| City of Hope (BRICOH#22102) | 93 | RD | 6,178 |
| City of Hope (SUB 22165/914989/6692 (CA13463) | 93 | 398 | 596 |
| City of Los Angeles (20712) | 14 | 218 | (13,547) |
| ARRA-City of Los Angeles (C-118530:2) | 81 | 128 | 73,458 |
| City of Santa Ana (A-2012-015-CYC1) | 17 | 258 | 43,799 |
| City University of New York (47811-M) | 81 | 849 | 62,679 |
| ARRA-City University of New York (47832 B) | 81 | 135 | 48,500 |
| City University of New York (49100-E-CYC2) | 11 | 481 | 4,128 |
| Clare Foundation, Inc. (20114621) | 93 | 243 | 30,096 |
| Claremont Colleges (20091157) | 93 | 394 | 6,042 |
| Claremont Colleges (SUB DT-2229-01 (CA150559)) | 93 | 393 | 21,826 |
| Clark County, Nevada (59099) | 15 | 235 | 120 |
| Clemson University (15512062008582) | 47 | 049 | 33,321 |
| Clemson University (1598-204-2008369) | 43 | RD | 7,500 |
| Clemson University (200-2007872 (FA9550-10-1-0185)) | 12 | 800 | 23,830 |
| Clemson University (677-219-2097977 (DE-FE0003892)) | 81 | 057 | 19,497 |
| Clemson University (87127) | 11 | 113 | (42) |
| Clemson University Research Foundation (SUB 1649-206-2009147 (CMMI-12)) | 47 | 041 | 81,670 |
| Cleveland Clinic Foundation (273SUB) | 93 | 837 | 171,247 |
| Cleveland Clinic Foundation (4487053) | 12 | 420 | 1,676 |
| Cleveland Clinic Foundation (P20HL113452) | 93 | 837 | 151,232 |
| ARRA-Cleveland Clinic Foundation (SUB 147 (HD060073) ARRA) | 93 | 701 | 1,721 |
| Cleveland Clinic Foundation (SUB 270SUB (AA017837)) | 93 | 273 | 44,030 |
| Cleveland Clinic Foundation (SUB 312-SUB (NS082083)) | 93 | 853 | 71,802 |
| Cleveland Clinic Foundation (U01DK066597) | 93 | 847 | 77,783 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Coaching Corps (20131518) | 99 | RD | 5,657 |
| Coalition of Orange County Community Clinics, The (COCCC-53185-CYC1) | 93 | 107 | 922 |
| Coalition of Orange County Community Clinics, The (COCCC-55480-CYC1) | 93 | 107 | 5,250 |
| Codar Ocean Sensors (SB120053) | 11 | RD | 71,690 |
| Cold Spring Harbor Laboratory (SUB 54570113 (MH087988)) | 93 | 242 | 52,337 |
| College of Charleston (SUB 520898 FRANK UCSD (113222)) | 47 | 074 | 9,858 |
| College of William and Mary (740441-UCLA) | 81 | 049 | 32,166 |
| Colorado School of Mines (400361) | 47 | 049 | 53,255 |
| Colorado State University (20103955721904) | 10 | 200 | 5,708 |
| Colorado State University (22142) | 10 | 200 | 13,227 |
| Colorado State University (22391) | 47 | 074 | 2,868 |
| Colorado State University (82925) | 47 | 050 | 22 |
| Colorado State University (G14201) | 10 | 303 | 19,578 |
| Colorado State University (G-1425-1) | 10 | 206 | 37,713 |
| Colorado State University (G14954) | 10 | 309 | 224 |
| Colorado State University (G-1921-1) | 43 | 001 | 121,626 |
| Colorado State University (G-3062-7) | 47 | 076 | 519,942 |
| Colorado State University (G-3232-2) | 47 | RD | 588,587 |
| Colorado State University (G-3624-10:01) | 47 | 050 | 81,982 |
| Colorado State University (G-3624-5) | 47 | 050 | 52,904 |
| Colorado State University (G-3624-9) | 47 | 500 | 80,548 |
| Colorado State University (G40232) | 47 | 074 | 208,699 |
| Colorado State University (G-4600-2) | 93 | 855 | 13,435 |
| Colorado State University (G-7230-1) | 12 | 351 | 34,273 |
| Colorado State University (G965018) | 98 | RD | 442,485 |
| Colorado State University (SUB 20101139 (ATM0425247)) | 47 | 050 | 154,615 |
| Colorado State University (SUB G-2369-1 (HDTRA1-09-1-0036)) | 12 | 351 | 1,518 |
| Columbia University (1 (ACCT #5-27576)) | 84 | 305 | 102,125 |
| Columbia University (1 (GG003850)) | 93 | 846 | 77,160 |
| Columbia University (1 (GG007543)-CYC1) | 93 | 859 | 72,156 |
| Columbia University (1 (GG007778)) | 93 | 846 | 33,320 |
| Columbia University (1 (PROJ. #GG005134)) | 93 | 855 | 111,454 |
| Columbia University (1(ACCT.#5-39391)) | 93 | 847 | 8,414 |
| Columbia University (1-5-37171) | 93 | 879 | (922) |
| Columbia University (2 (ACCT #5-21623)) | 12 | 300 | 6,578 |
| Columbia University (2 (ACCT. #5-24851)) | 47 | 050 | 4,642 |
| Columbia University (2 (ACCT.#5-36361)) | 93 | 838 | 17,578 |
| Columbia University (25260) | 93 | 242 | 238,867 |
| Columbia University (3 (GG006897)) | 47 | 049 | 1,038 |
| Columbia University (3(GG009550)) | 99 | RD | 32,915 |
| Columbia University (4(GG006750)) | 93 | 837 | 54,600 |
| Columbia University (5(ACCT#5-30261)) | 93 | 855 | 55,255 |
| Columbia University (6-CYC5) | 93 | 113 | 8,275 |
| Columbia University (72208) | 14 | 906 | (144) |
| Columbia University (78793) | 93 | 846 | 6,656 |
| Columbia University (78901) | 93 | 865 | (4,693) |
| Columbia University (79062) | 93 | 837 | (1,416) |
| Columbia University (79176) | 93 | 837 | (8,181) |
| Columbia University (87845) | 93 | 847 | (26,047) |
| ARRA-Columbia University (ARRA2539621) | 93 | 701 | 115,728 |
| Columbia University (CU-51554-CYC2) | 93 | 867 | 57,398 |
| Columbia University (CU-53010-CYC1) | 47 | 049 | 924,267 |
| Columbia University (CU-54167-CYC1) | 81 | RD | 52,632 |
| Columbia University (G02781-CYC1) | 93 | 865 | 15,769 |
| Columbia University (GG007254) | 93 | 879 | 16,155 |
| Columbia University (SUB 1 (GG007512) (HL112388)) | 93 | 837 | 357,686 |
| Columbia University (SUB 1 GG006272 (MH 086385)) | 93 | 242 | 169,277 |
| Columbia University (SUB 2 (ACCT. #5-39431) (DE0212) | 93 | 121 | 10,284 |
| Columbia University (SUB 2 ACCT. # 5-30237 (CA1559)) | 93 | 395 | 53,028 |
| Columbia University (SUB 5 GG006326 (NS078059)) | 93 | 853 | 222,998 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Columbia University (SUB GG005583-02 (DK061734)) | 93 | 847 | 436,542 |
| Columbia University (SUB GG005583-02(DK061734)) | 93 | 847 | 616,016 |
| Columbia University (SUB GG10046 (HD072878)) | 93 | 865 | 57,173 |
| Columbia University (UCSF#A107030) | 93 | RD | 2,768 |
| Columbia University (UCSF#A119116) | 93 | 837 | 117,145 |
| Community Advocates (20080111) | 93 | 243 | 21,754 |
| Computing Research Association (94968) | 47 | 070 | 4,759 |
| Computing Research Association (CIF-B-127) | 47 | 070 | 23,297 |
| Computing Research Association (CIFC45) | 47 | 070 | 31,996 |
| Computing Research Association (CIF-C-96) | 47 | 070 | 69,327 |
| Computing Research Association (CIF-D-010) | 47 | 070 | 56,274 |
| Computing Research Association (CIF-E-010) | 47 | 070 | 47,693 |
| Computing Research Association (SUB CIF-C-68 (1019343)) | 47 | 070 | 25,188 |
| Concord Consortium, The (201.01.01) | 47 | 076 | 40,070 |
| Connecticut Childrens Medical Center (12-179296-17) | 93 | 847 | 162 |
| Connecticut Childrens Medical Center (12-179296-28) | 93 | 847 | 1,590 |
| Consortium for Ocean Leadership (85804) | 47 | 050 | 534 |
| Consortium for Ocean Leadership (85808) | 47 | 050 | 784 |
| Consortium for Ocean Leadership (87165) | 47 | 050 | 8,774,742 |
| Consortium for Ocean Leadership (BA-22-T318A22) | 47 | 050 | 3,121 |
| ARRA-Consortium for Ocean Leadership (SA 9-08 ARRA) | 47 | 050 | 535,171 |
| Consortium for Ocean Leadership (SA 9-08) | 47 | 050 | 1,415,779 |
| Consortium for Ocean Leadership (SAF-11-05) | 47 | 050 | 5,582 |
| Consortium for Ocean Leadership (SAF-12-03) | 47 | 050 | 25,124 |
| Consortium for Ocean Leadership (T322A7-01) | 47 | 050 | 594 |
| Consortium for Ocean Leadership (T325A7-002) | 47 | 074 | 1,864 |
| Consortium for Ocean Leadership (T327A7-002) | 47 | 050 | 53,509 |
| Consortium for Ocean Leadership (T330A22) | 47 | 050 | 14,999 |
| Consortium for Ocean Leadership (T330B22) | 47 | 050 | 298 |
| Consortium for Ocean Leadership (T339A38) | 47 | 050 | 22,614 |
| Consortium for Ocean Leadership (T340A22) | 47 | 050 | 19,048 |
| Consortium for Ocean Leadership (T340A95) | 47 | 050 | 26,097 |
| Consortium for Ocean Leadership (T342A22) | 47 | 050 | 177,940 |
| Consortium for Ocean Leadership (T342A7) | 47 | 050 | 17,124 |
| Consortium for Ocean Leadership (T342B22) | 47 | 050 | 18,270 |
| Consortium for Ocean Leadership (T343A7) | 47 | 050 | 12,741 |
| Consortium for Ocean Leadership (T343B7) | 47 | 050 | 31,229 |
| Consortium for Ocean Leadership (T343C7) | 47 | 050 | 1,438 |
| Consortium for Ocean Leadership (T344A07) | 47 | 050 | 40,049 |
| Consortium of Univ for Research in Earthquake Engineering (NEHRP-TO 25) | 11 | 616 | 24,205 |
| Consortium of Univ for Research in Earthquake Engineering (NEHRP-TO-21-10) | 11 | 600 | 19,382 |
| Consortium of Univ for Research in Earthquake Engineering (SUB 07 (UNR-08-12/CMMI-072139)) | 47 | 074 | 110,613 |
| Consortium of Univ for the Advancement of Hydrologic Science, Inc. (88062) | 47 | 050 | 270,842 |
| Consortium of Univ for the Advancement of Hydrologic Science, Inc. (SUB 20095935 (EAR-0949196)) | 47 | 050 | 30,280 |
| Contra Costa Community Col Dist (20101812) | 84 | 394 | 642,458 |
| Copenhagen University (W911NS-10-1-0330) | 12 | 910 | 259,883 |
| Cornell University (11111987-2) | 99 | RD | 8,267 |
| Cornell University (12040497) | 93 | 847 | 494,713 |
| Cornell University (12091375-CYC1) | 93 | 837 | 19,552 |
| Cornell University (12121788-CYC1) | 93 | 837 | 126,869 |
| Cornell University (33144) | 93 | 867 | 75,366 |
| Cornell University (33257) | 10 | 310 | 34,284 |
| Cornell University (44771-7475) | 47 | 041 | 881,768 |
| Cornell University (46514-8622) | 47 | RD | 71,959 |
| Cornell University (55179-8767) | 12 | 431 | 225,987 |
| Cornell University (55179-8771) | 12 | 431 | 232,050 |
| Cornell University (557058822) | 10 | 303 | 26,298 |
| Cornell University (565169489) | 47 | 070 | 62,617 |
| Cornell University (58634-9147-CYC3) | 47 | 074 | 123,509 |
| Cornell University (60348-9393-CYC3) | 47 | 074 | 46,962 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Cornell University (60606 9835) | 93 | 846 | 6,066 |
| Cornell University (61468 9517) | 47 | 074 | 25,515 |
| Cornell University (624159688) | 98 | 001 | 16,463 |
| Cornell University (63519-10076) | 93 | 172 | 51,976 |
| Cornell University (63519-9682) | 93 | 172 | 192,305 |
| Cornell University (65291-9851) | 12 | 300 | 105,118 |
| Cornell University (78459) | 93 | 837 | 401 |
| Cornell University (78509) | 93 | 837 | 175 |
| Cornell University (78586) | 12 | 431 | 138,085 |
| ARRA-Cornell University (8084-10024 (ECCS-0941561) ARRA) | 47 | 082 | 22,742 |
| Cornell University (84069) | 47 | 070 | 3,984 |
| Cornell University (SUB 67350-9962 (DE-NA0001836)) | 81 | 112 | 42,034 |
| Corporation for National Services (10LHPCA002) | 94 | 005 | 11,224 |
| Council of Graduate Schools (CGS-53515-CYC1) | 47 | 076 | 21,458 |
| Cpwr - The Center for Construction Research and Training (3003-020-01) | 93 | 262 | 246,044 |
| CPWR - The Center for Construction Research and Training (UCSF#A113803) | 93 | 262 | 161,993 |
| Cpwr - The Center for Construction Research and Training (UCSF#A118425) | 93 | 262 | 9,759 |
| Crdf Global (RUG1-2977-NN-10) | 47 | 079 | 3,454 |
| Crdf Global (RUP17077EK12) | 47 | 079 | 2,678 |
| Crdf Global (UKE2-7035-KV-11) | 47 | 079 | 7,243 |
| Creative Engineering Solutions (20131752) | 99 | RD | 15,270 |
| Creighton University (UCSF#A111182) | 93 | 846 | 32,872 |
| CSU San Bernardino/University Enterprises Corporation (GT10316) | 12 | 630 | 45,495 |
| CSU San Marcos/University Auxiliary & Research Services Corporation (UARSC-85776-YO) | 47 | 080 | 5,907 |
| Curesearch for Children's Cancer (021352) | 93 | 395 | 95,463 |
| Curesearch for Children's Cancer (17636 (FR)) | 93 | 395 | 4,725 |
| Curesearch for Children's Cancer (18573) | 93 | 395 | 2,049 |
| Curesearch for Children's Cancer (20354) | 93 | 395 | (948) |
| Curesearch for Children's Cancer (71113) | 93 | 395 | (4,210) |
| ARRA-Curesearch for Children's Cancer (79895) | 93 | 701 | 22,176 |
| Curesearch for Children's Cancer (83162) | 93 | 395 | (1) |
| ARRA-Curesearch for Children's Cancer (85948) | 93 | 701 | (1,444) |
| ARRA-Cytokinetics, Inc. (CY4023-CYC1) | 93 | 271 | 34,616 |
| ARRA-Daimler-Chrysler Ag (ARRASUBDEEEE00027208) | 81 | RD | 252,882 |
| Dana-Farber Cancer Institute (1008408) | 93 | 393 | 29,380 |
| Dana-Farber Cancer Institute (11000006) | 93 | 853 | 76,485 |
| Dana-Farber Cancer Institute (1136805) | 93 | 853 | 176,378 |
| Dana-Farber Cancer Institute (71957) | 93 | 395 | 34,431 |
| Dartmouth College (1152) | 93 | 855 | 24,800 |
| Dartmouth College (1C1CMS331029-01-00) | 93 | 610 | 5,549 |
| Dartmouth College (509) | 43 | 001 | 297,523 |
| Dartmouth College (511-(3)) | 43 | 001 | 282,160 |
| Dartmouth College (5-30617) | 93 | 859 | 131,560 |
| Dartmouth College (754-001) | 93 | 855 | 18,145 |
| Dartmouth College (941-CYC3) | 93 | 853 | 88,690 |
| Dartmouth College (983) | 93 | 855 | 57,947 |
| Dartmouth College (DARTMOUTH#902) | 93 | 393 | 25,752 |
| Dcs Corporation (APX02-N001 TASK ORDER 0001) | 12 | RD | 34,478 |
| Dcs Corporation (APX02-N001 TASK ORDER 0002) | 12 | RD | 46,715 |
| Dcs Corporation (NONE (W911NF-10-2-0022)) | 12 | 431 | 1,660,197 |
| Defense Capital Advisors, LLC (85427) | 97 | RD | (522) |
| Deployable Space Systems (DSS0067) | 43 | RD | 44,375 |
| Desert Research Institute (32858) | 66 | 460 | 8,055 |
| Desert Research Institute (86852) | 10 | RD | (5,540) |
| ARRA-Desert Research Institute (ARRA646927001) | 47 | 082 | 22,986 |
| Deton Corporation (SUB 20130284 (AI102418)) | 93 | 856 | 98,360 |
| Diagnostic Consulting Network (DCN-50844-CYC1) | 93 | 853 | 9,655 |
| Digital Artefacts, LLC (20124041 (1R4MH099964-01)) | 10 | 212 | 12,080 |
| Dignity Health (87976) | 93 | RD | (1,824) |
| Dirac Solutions, Inc. (SC-12-64) | 47 | 041 | 49,983 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Directed Vapor Technologies International, Inc. (D0088) | 12 | 300 | 36,000 |
| Directed Vapor Technologies International, Inc. (SB110038) | 12 | RD | 126,280 |
| ARRA-Donald Danforth Plant Science Center (28302-R:05) | 81 | 087 | 334,392 |
| Dr Technologies, Inc. (78564) | 12 | 630 | (19,367) |
| Drake University (SUB 103220(AR060469)) | 93 | 846 | 19,114 |
| Drexel University (06001727) | 93 | 113 | 379,143 |
| Drexel University (232448-3850) | 93 | 846 | 6,407 |
| Drexel University (239785-6913) | 99 | RD | 87,826 |
| Drexel University (239785-CYC1) | 93 | 865 | 79,775 |
| Drs Technologies, Inc. (incl Drs Systems, Inc.) (30751) | 12 | RD | 4,159 |
| Drugs for Neglected Diseases Initiative (UCSF#A116504) | 93 | 855 | 54,754 |
| Duke University (09-NIH-1068) | 93 | 866 | 13,692 |
| Duke University (09-ONR-1114) | 12 | 300 | 369,748 |
| Duke University (09-ONR-1115) | 12 | 300 | 288,660 |
| Duke University (10-ARO-1049) | 12 | 431 | 149,508 |
| Duke University (10-DARPA-1106/HR0011-10C-0073) | 12 | RD | 222,296 |
| Duke University (10-NSF-1065) | 47 | 074 | 181,254 |
| Duke University (116770/167/658UCSF) | 93 | 866 | 12,864 |
| Duke University (11-HDR-1096) | 12 | 300 | 183,675 |
| Duke University (128355) | 93 | 838 | 14,933 |
| Duke University (12-DARPA-1042) | 12 | 910 | 136,878 |
| Duke University (12-NSF-1065) | 47 | 050 | 91,859 |
| Duke University (13-NIH-1025) | 93 | 865 | 19,623 |
| Duke University (13USDA1065) | 10 | 290 | 4,838 |
| Duke University (13USDA1072) | 10 | 290 | 8,790 |
| Duke University (159178/171430) | 93 | 866 | (4,944) |
| ARRA-Duke University (161411/173530) | 93 | 701 | 7,664 |
| ARRA-Duke University (161411-CYC3) | 93 | 701 | 2,620 |
| ARRA-Duke University (165191/174373) | 93 | 701 | 1,923 |
| Duke University (2030931) | 93 | 855 | 16,060 |
| Duke University (2030984) | 93 | 855 | 5,947 |
| Duke University (203-1332) | 93 | 394 | 14,033 |
| Duke University (203-1359-CYC3) | 93 | 395 | 33,450 |
| Duke University (203-1595) | 93 | 853 | 17,545 |
| Duke University (203-2440) | 93 | 855 | 13,295 |
| Duke University (203-2578-CYC1) | 93 | 853 | 64,289 |
| Duke University (2039361) | 93 | 866 | (2,684) |
| ARRA-Duke University (203-9444) | 93 | 701 | 57,123 |
| Duke University (203-9449 (HHSN275201000003I)) | 93 | RD | 27,540 |
| Duke University (3013) | 93 | 838 | 31,057 |
| Duke University (303-4499) | 93 | 853 | 22,331 |
| Duke University (303-5655) | 93 | 855 | 15,486 |
| Duke University (57640) | 99 | RD | (31,859) |
| Duke University (58627) | 93 | 395 | 5,792 |
| Duke University (71460) | 93 | 855 | 16,329 |
| Duke University (78018) | 93 | 395 | 139 |
| Duke University (79044) | 99 | RD | 30,363 |
| Duke University (83004) | 93 | 172 | (21) |
| Duke University (83156) | 93 | 279 | 36,590 |
| Duke University (94864) | 47 | 049 | (919) |
| ARRA-Duke University (ARRA164668) | 93 | 701 | 84,045 |
| Duke University (C09-ARA02-CSF) | 93 | 855 | 20,613 |
| ARRA-Duke University (RC2AR058934:1) | 93 | 701 | (28,018) |
| Duke University (SITE407) | 93 | 839 | 56,699 |
| Duke University (SUB 12-NSF-1101 (DMD-0635449)) | 47 | 049 | (1) |
| ARRA-Duke University (SUB 173530 (HL098237)) | 93 | 701 | 4,520 |
| Duke University (SUB 2039304 (HHSN2752010000031)) | 93 | RD | 60,593 |
| Duke University (SUB 2039318 (HHSN2752010000003)) | 93 | RD | 70,546 |
| Duke University (SUB 303-1587 (HL091036)) | 93 | 839 | 103,205 |
| Duke University (SUB NONE (HHSN2752010000003I)) | 93 | RD | 36,712 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Duke University (SUB178785 (HHSN275201000003L)) | 93 | RD | 969 |
| Duke University (W20120423) | 99 | RD | 5,617 |
| Duke University (W20120425) | 99 | RD | 50,655 |
| Dxray, Inc. (72200) | 93 | 853 | 1,708 |
| Dyncorp System and Solutions (59568) | 12 | 300 | 2,598 |
| Dystonia Coalition (20131740 (NS067501)) | 93 | 273 | 18,580 |
| Earth and Space Research (10-96 2009-152) | 43 | RD | 107,862 |
| Ecological Society of America (DUE-1044359) | 47 | RD | 55,699 |
| ARRA-Ecotality North America (EVSRA1004) | 81 | RD | 191,546 |
| Edboost (R305A110809) | 84 | 305 | 112,358 |
| Education, Training & Research Associates (P32250-001) | 47 | 076 | 4,599 |
| Educational Testing Service (UCLA-IES 305A:03) | 84 | 305 | 159,004 |
| Electric Power Research Institute (EP-P39749/C17641) | 81 | 122 | 209,645 |
| Electric Power Research Institute (EP-P39923/C17733) | 81 | 136 | 36,113 |
| Electric Power Research Institute (EP-P42069/C18398) | 10 | 912 | 26,862 |
| Electric Power Research Institute (EP-P42266/C18443) | 10 | 912 | 3,954 |
| Elintrix (SUB (NONE) (W81XWH-10-C-0040)) | 12 | 420 | 224,997 |
| Embry-Riddle Aeronautical University (61351-01-CYC1) | 43 | 001 | 41,261 |
| Emmes Corporation, The (1568GNA643) | 93 | RD | 67,089 |
| Emmes Corporation, The (1568GNA643-CLASS CS) | 93 | 395 | 30,396 |
| ARRA-Emmes Corporation, The (20101609) | 93 | 701 | 23,084 |
| Emmes Corporation, The (SUB (HHS-N-260-2005-00007-C)) | 93 | RD | 25,454 |
| Emmes Corporation, The (SUB NONE (CA121947)) | 93 | 395 | 244,564 |
| Emmes Corporation, The (SUB NONE (NS062835)) | 93 | 853 | 39,003 |
| Emory University (20113628) | 93 | RD | 17,715 |
| Emory University (528246) | 93 | 853 | 25,736 |
| Emory University (CHE-1205646) | 47 | 049 | 86,250 |
| Emory University (S383526-CYC3) | 93 | 853 | 112,404 |
| Emory University (S642368:2) | 93 | 855 | 92,689 |
| Emory University (S662646) | 43 | 001 | 31,394 |
| Emory University (S664033-CYC2) | 93 | 853 | 103,049 |
| Emory University (S788605) | 93 | 837 | 76,811 |
| Emory University (S794753:07) | 93 | 855 | 361,592 |
| Emory University (S880501) | 47 | 049 | 65,610 |
| Emory University (S880504-CYC1) | 47 | 049 | 45,193 |
| Emory University (SUB S697330 (AI090023)) | 93 | 855 | 60,573 |
| Emory University (SUB S726754 (DK094346)) | 93 | 847 | 51,522 |
| Emory University (UCSF#A116155) | 93 | 855 | 287,544 |
| Endocrine Society, The (SUB 10001 (GM095349)) | 93 | 859 | 10,375 |
| Energy Solutions (32610) | 81 | RD | (6,850) |
| Engineering Acoustics, Inc. (20104014) | 99 | RD | 12,119 |
| Ensco, Inc. (006061) | 12 | 999 | 53,173 |
| Environmental Defense Fund, Incorporated (36630) | 10 | RD | 127,701 |
| Eon Research Corporation (09001289) | 12 | RD | 245,536 |
| Epigen Biosciences, Inc. (1R21NS077348-01) | 93 | 853 | 122,842 |
| Epir Technologies, Inc. (G16P-12-SUCSC-0001) | 99 | RD | 31,039 |
| Erc, Incorporated (RS111000) | 99 | RD | 94,255 |
| Erc, Incorporated (RS111738) | 99 | RD | 49,202 |
| Erc, Incorporated (RS130039) | 99 | RD | 975 |
| Ernest Gallo Clinic and Research Center (44-18) | 93 | 279 | 22,279 |
| Ernest Gallo Clinic and Research Center (47-07) | 93 | 273 | 31,815 |
| European Bioinformatics Institute (1) | 93 | RD | 39,384 |
| Evolved Machines, Inc. (87175) | 12 | 910 | 639 |
| Exploratorium (201122018) | 47 | 076 | 13,692 |
| Feinstituteein Institute for Medical Research (57882) | 93 | 855 | (1,300) |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (005494) | 81 | 999 | 9,318 |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (005561) | 81 | 999 | 43,068 |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (014272) | 81 | RD | 39,511 |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (58231) | 99 | 999 | 10,955 |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (602678) | 81 | RD | 56,972 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA

Schedule of Expenditures of Federal Awards

For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (605468) | 81 | RD | 26,700 |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (607382) | 81 | RD | (16) |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (610042) | 81 | RD | 21,681 |
| Fermi Research Alliance, LLC (FRA) (incl Fermilab-DOE GOCO) (610588) | 81 | RD | 11,896 |
| Fhi 360 (4001UCD00TO1) | 98 | RD | 60,904 |
| Fhi 360 (4001UCDS00TO4) | 98 | RD | 176,814 |
| Fhi 360 (4419) | 98 | RD | 275,618 |
| Fhi 360 (72732) | 93 | RD | 118,573 |
| Fhi 360 (865:10) | 93 | 855 | 27,126 |
| Fhi 360 (SUB ID 0080.0141/952 (AI068619)) | 93 | 855 | 17,371 |
| Fhi 360 (W0678) | 98 | RD | 2,899,973 |
| Fibron Technologies, Inc. (77886) | 47 | 041 | 4,516 |
| Flint Rehabilitation Devices (FRD-53037-CYC1) | 93 | 865 | 45,893 |
| Flint Rehabilitation Devices (FRD-53493-CYC1) | 84 | 133 | 15,563 |
| Flint Rehabilitation Devices (FRD-53495-CYC1) | 84 | 133 | 15,937 |
| Florida State University (R01268) | 47 | 074 | 1,043 |
| Florida State University (R01314) | 43 | RD | 33,698 |
| Florida State University (SUB R01240 (AI074805)) | 93 | 856 | 364,617 |
| Fluential (UCSF#A121224) | 93 | 847 | 42,460 |
| Ford Motor Company (RQ12-334R09) | 81 | 135 | 185,830 |
| Fordham University (FU-55330-CYC1) | 93 | 279 | 14,515 |
| Fordham University (SUB 20121926 (DA031608)) | 92 | 279 | 4,644 |
| Fordham University (SUB 20122208 (DA031608)) | 92 | 279 | 15,579 |
| Forsyth Institute, The (01018UCSF-2420) | 93 | 855 | 34,288 |
| Franklin & Marshall College (13-001) | 47 | 050 | 3,263 |
| ARRA-Fred Hutchinson Cancer Research Center (0000699835) | 93 | 701 | (4,952) |
| Fred Hutchinson Cancer Research Center (0000701013) | 93 | 393 | 61,715 |
| Fred Hutchinson Cancer Research Center (0000718098:2) | 93 | 855 | 12,123 |
| Fred Hutchinson Cancer Research Center (0000722690) | 93 | 172 | 32,647 |
| Fred Hutchinson Cancer Research Center (0000722967) | 93 | 393 | 7,637 |
| Fred Hutchinson Cancer Research Center (0000726264) | 93 | 113 | 134,776 |
| Fred Hutchinson Cancer Research Center (0000743589) | 93 | 395 | 188,559 |
| Fred Hutchinson Cancer Research Center (0000744447-CYC1) | 93 | 855 | 41,303 |
| Fred Hutchinson Cancer Research Center (0000745218) | 93 | 859 | 4,263 |
| Fred Hutchinson Cancer Research Center (0000768988-CYC1) | 93 | 855 | 20,004 |
| Fred Hutchinson Cancer Research Center (32332) | 93 | 395 | (42,157) |
| Fred Hutchinson Cancer Research Center (33926) | 93 | 393 | 6,108 |
| Fred Hutchinson Cancer Research Center (78912) | 93 | 855 | (1,958) |
| Fred Hutchinson Cancer Research Center (87828) | 93 | RD | (24,444) |
| Fred Hutchinson Cancer Research Center (87881) | 93 | 859 | 15,338 |
| Freedom Photonics LLC (ST081-014) | 12 | 910 | 76,055 |
| Friends Research Inst, Inc. (11337-1) | 93 | 928 | 11,722 |
| Functional Genetics, Inc. (201119266) | 93 | RD | 36,116 |
| Functional Genetics, Inc. (33436) | 12 | RD | 349,143 |
| Functional Genetics, Inc. (UCSF#A116077) | 93 | RD | 51,658 |
| Functional Genetics, Inc. (UCSF#A116126) | 93 | RD | 51,280 |
| Gaia Medical Institute (2011-1218 (W81XWH-10-DMRDP-BR)) | 12 | 420 | 59,669 |
| Gallaudet University (016655) | 47 | 075 | 385 |
| Gallaudet University (33233) | 47 | 075 | 146,566 |
| Gallaudet University (SUB NONE (SBE-1041725)) | 47 | 075 | 268,270 |
| Galois, Inc. (005695) | 99 | 999 | 51,293 |
| Gas Technology Inst (11122-20) | 81 | RD | 39,721 |
| Geisinger Health System (UCSF#A120598) | 93 | 172 | 16,706 |
| General Atomics (4500027197-CYC1) | 81 | RD | 109,929 |
| General Atomics (4500043096 (DE-FC02-08ER54977)) | 81 | RD | 36,894 |
| General Atomics (B 4500014742 (DE-FG-02ER54834)) | 81 | RD | 172,553 |
| General Atomics (PO 4500040195) | 81 | RD | 53,867 |
| General Atomics (PO#4500041234) | 99 | RD | 368,787 |
| General Atomics (SUB 4500019801 (DE-AC52-06NA27)) | 81 | RD | 33,526 |
| General Atomics (SUB 4500021105 (DE-SC0001265)) | 81 | RD | 37,054 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| ARRA-General Atomics (SUB 4500026353 (DE-AR0000124)) | 81 | 049 | 114,100 |
| General Atomics (SUB 4500030522 (DE-FG02-95ER54)) | 81 | 049 | 105,754 |
| General Atomics (SUB 4500031528(NONE)) | 81 | 049 | 72,685 |
| General Atomics (SUB 4500034489 (DE-FC02-04ER54)) | 81 | 049 | 24,703 |
| General Atomics (SUB 4500038481 (DE-AC52-07BA27)) | 81 | 049 | 24,982 |
| General Atomics (SUB 4500041247 (DE-FC02-04ER5)) | 81 | 112 | 56,950 |
| General Atomics (SUB4500040893 (DE-NA0001808)) | 81 | 049 | 71,173 |
| General Dynamics Corporation (SUB 20114546 (NONE)) | 12 | RD | 46,411 |
| General Technical Services LLC (GTS-S-11-321) | 12 | RD | 116,082 |
| Geneva Foundation (33901) | 12 | RD | 46,140 |
| Geneva Foundation (S-1241-01) | 12 | 420 | 352 |
| George Washington University (10S16) | 47 | 070 | 775 |
| George Washington University (11-M62) | 93 | 855 | 17,078 |
| George Washington University (11-M73) | 93 | 855 | 68,894 |
| George Washington University (12-M56) | 93 | 855 | 7,902 |
| George Washington University (12-M60) | 93 | 855 | 6,345 |
| George Washington University (13-S03) | 81 | 049 | 43,370 |
| George Washington University (72889) | 93 | RD | 6,199 |
| George Washington University (S-DPP1112-MR07) | 93 | 847 | 15,010 |
| George Washington University (SUB GWU (DK061230)) | 93 | RD | 279 |
| George Washington University (SUB S-DPP1213-JB06(DK048489)) | 93 | 847 | 21,044 |
| George Washington University (SUB S-GRD1213-KR40 (DK098246)) | 93 | 847 | 4,489 |
| George Washington University (UCSF#A119172) | 93 | 865 | 412,735 |
| George Washington University (UCSF#A120521) | 93 | 847 | 7,552 |
| ARRA-Georgetown University (4222-091) | 93 | 701 | 28,154 |
| Georgetown University (4265-085-UCLA) | 93 | 853 | 7,181 |
| Georgetown University (58597) | 93 | 853 | 3,599 |
| Georgetown University (82292) | 93 | 866 | (68,458) |
| Georgetown University (RX 4442-012-UCLA:5) | 93 | 393 | 2,967 |
| Georgetown University (RX 4464-001-RUC) | 93 | 395 | 31,419 |
| Georgetown University (RX4222-078-UCI-CYC6) | 93 | 866 | 91,356 |
| Georgetown University (RX4424-006-UCSF) | 93 | 395 | 204,642 |
| Georgia Institute of Technology (004583) | 93 | 989 | 24,120 |
| Georgia Institute of Technology (G-32-6HH-G2) | 93 | 989 | 177,471 |
| Georgia Institute of Technology (R0848-G1) | 47 | RD | 4,404 |
| Georgia Institute of Technology (R7565-G1) | 43 | RD | 19,839 |
| Georgia Institute of Technology (R7570-G2) | 12 | 300 | 266,451 |
| Georgia Institute of Technology (R9758-G1) | 47 | 049 | 54,076 |
| Georgia Institute of Technology (R9867-G3) | 43 | RD | 35,179 |
| Georgia Institute of Technology (RA972-G1) | 43 | RD | 12,279 |
| Georgia Institute of Technology (RB011-G6) | 47 | 049 | 38,121 |
| Georgia Institute of Technology (RB220-G1-002) | 12 | 910 | 20,854 |
| Georgia Institute of Technology (RB267-G4) | 12 | 800 | 187,304 |
| Georgia Institute of Technology (RB267-G5) | 12 | 800 | 205,076 |
| Georgia Institute of Technology (RB307S2) | 93 | RD | 240,507 |
| Georgia Institute of Technology (RB307-S3) | 93 | RD | 458,718 |
| Georgia Institute of Technology (RB914-G1) | 93 | 855 | 42,224 |
| Georgia Institute of Technology (RC051-S8) | 15 | RD | 273,736 |
| Georgia Institute of Technology (RC051-S9) | 15 | 812 | 238,582 |
| Georgia Institute of Technology (RC137-G1) | 93 | 855 | 86,387 |
| Georgia Institute of Technology (RC850-G2) | 47 | 041 | 58,105 |
| Georgia Regents University (21829-105) | 93 | 865 | 39,950 |
| Georgia Regents University (22432-1) | 93 | 838 | 14,565 |
| Georgia Regents University (23069-19) | 93 | 855 | 51,145 |
| ARRA-Georgia Regents University (23231) | 93 | 701 | 6,350 |
| Georgia Regents University (257304) | 93 | 847 | 32,161 |
| ARRA-Ginkgo Bioworks (030180) | 81 | 135 | 570,978 |
| Gladstone Institutes (22943) | 93 | 855 | 15,376 |
| Gladstone Institutes (83089) | 93 | RD | 13,543 |
| Gladstone Institutes (R00695-E) | 93 | 855 | 77,649 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Gladstone Institutes (R00757A) | 93 | 859 | 3,240 |
| Gladstone Institutes (R01070) | 93 | 855 | 596,082 |
| Gladstone Institutes (R01071) | 93 | 855 | 339,742 |
| Gladstone Institutes (R01072) | 93 | 855 | 392,658 |
| Gladstone Institutes (R01300-A(NS051470)) | 93 | 853 | 46,935 |
| Gladstone Institutes (R2132-Q) | 93 | 856 | 248,973 |
| Gladstone Institutes (R2192-A) | 93 | 837 | 363,990 |
| Gladstone Institutes (R2233-C) | 93 | 389 | 66,258 |
| Gladstone Institutes (SUB R002823-C (NS057715)) | 93 | 853 | 72,549 |
| Gladstone Institutes (SUB R00706-A (AG011385)) | 93 | 866 | (19,660) |
| Gladstone Institutes (SUB R2187 (AG022074)) | 93 | RD | 351,776 |
| Gladstone Institutes (UCSF#A111787) | 93 | 837 | (14,409) |
| Glint Photonics, Inc. (034767) | 81 | 135 | 4,390 |
| Global Viral Forecasting Initiative (20100108) | 99 | RD | 59,444 |
| Global Viral Forecasting Initiative (2012-07-DTRA) | 99 | RD | 5,000 |
| ARRA-Global Viral Forecasting Initiative (UCSF#A114638) | 93 | 701 | 8,776 |
| Global Viral Forecasting Initiative (UCSF#A118296) | 98 | RD | 4,433 |
| Good Samaritan Shelter (SB130033) | 93 | 243 | 20,977 |
| Gordon and Betty Moore Foundation (3670) | 99 | RD | 2,342 |
| Grassroots Biotechnology, Inc. (200910894) | 47 | RD | 88,507 |
| Greenville Hospital System (UCSF#A113468) | 12 | RD | 4,216 |
| ARRA-Greg Voss (Soft Smith) | 93 | 404 | 35,441 |
| ARRA-Group Health Cooperative (2009122467) | 93 | 701 | 5,689 |
| Group Health Cooperative (2011120783) | 93 | RD | 36,228 |
| Group Health Cooperative (2012108149) | 93 | 307 | 23,162 |
| Group Health Cooperative (25891) | 93 | RD | 8,062 |
| Group Health Cooperative (CA154292) | 93 | 393 | 103,405 |
| Group Health Cooperative (CA154292-UCSF) | 93 | 393 | 873,165 |
| Gynecologic Oncology Group (27469-130) | 93 | 395 | 127,364 |
| Gynecologic Oncology Group (27469-46-CYC31) | 93 | 395 | 169,661 |
| Gynecologic Oncology Group (57650) | 93 | 395 | 77,033 |
| Gynecologic Oncology Group (GOG-101462-CYC1) | 93 | 395 | 1,685 |
| Gynecologic Oncology Group (GOG-46471-CYC4) | 93 | 393 | 32,996 |
| Gynecologic Oncology Group (GOG-53902-CYC1) | 93 | RD | 7,722 |
| Gynecologic Oncology Group (GOG-54013-CYC1) | 93 | 395 | 46,372 |
| H. Lee Moffitt Cancer Center & Research Institute, The (10-16830-99-01-G1) | 93 | 396 | 62,870 |
| Harris Corporation (A000127441) | 12 | RD | 146,261 |
| Hartnell College (SC-12-28) | 84 | 031 | 245,792 |
| Hartnell College (SC-12-69) | 47 | 076 | 23,138 |
| Harvard Pilgrim Health Care (1R18HS021424-01-CYC1) | 93 | 226 | 7,146 |
| Harvard Pilgrim Health Care (78069) | 93 | 226 | 185 |
| Harvard Pilgrim Health Care (83072) | 93 | 866 | (83) |
| Harvard Pilgrim Health Care (HPHC-50423-CYC2) | 93 | 283 | 72,688 |
| Harvard Pilgrim Health Care (HPHC-53299-CYC1) | 93 | RD | 3,554 |
| Harvard Pilgrim Health Care (PH000391A-CYC2) | 93 | 855 | 23,468 |
| Harvard University (01-123365) | 47 | RD | (163) |
| Harvard University (108077-5062223-CYC1) | 84 | 305 | 62,688 |
| Harvard University (108095-5038631-CYC2) | 84 | 305 | 66,243 |
| Harvard University (114074.0779.TDF) | 93 | 865 | 41,550 |
| Harvard University (114074.0782) | 93 | 865 | 155,056 |
| Harvard University (114074.0830.5041149 (HD052102)) | 93 | 865 | 578,167 |
| Harvard University (1215005) | 93 | 361 | 28,444 |
| Harvard University (123559-5025668:04) | 93 | 121 | 106,791 |
| Harvard University (123572) | 12 | 800 | 93,189 |
| Harvard University (123641:02) | 93 | 837 | 68,819 |
| Harvard University (133522) | 12 | 431 | 133,023 |
| Harvard University (14424401) | 47 | 074 | 62,249 |
| Harvard University (1490475063029) | 93 | 855 | 50,895 |
| ARRA-Harvard University (149064) | 93 | 701 | 53,352 |
| Harvard University (1511630002) | 93 | 855 | 48,913 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Harvard University (152175.0106-REV) | 93 | 310 | 184,498 |
| Harvard University (152188.5052439.0004) | 93 | 865 | 43,702 |
| Harvard University (23480.1111002.UCSF) | 93 | 393 | 13,949 |
| Harvard University (23680-116200) | 93 | 307 | 25,640 |
| Harvard University (23695-116519) | 93 | 866 | 45,058 |
| Harvard University (5030334) | 93 | 121 | 80,012 |
| Harvard University (5054879-114855) | 93 | 135 | 146,625 |
| Harvard University (59267) | 12 | 431 | 2 |
| Harvard University (83132) | 93 | 839 | (13,494) |
| Harvard University (SUB 114074.0728.AMP(HD052102)) | 93 | 865 | 491,347 |
| Harvard University (SUB 114074.0730.SMARTT(HD0521)) | 93 | 865 | 134,711 |
| Harvard University (SUB 131268(ANT-1044978)) | 47 | 078 | 83,976 |
| Harvard University (SUB 148893 (HG005550)) | 93 | 172 | 111,246 |
| Harvard University (SUB 5060404 (W81XWH-12-2-0113)) | 12 | 420 | 1,088 |
| Harvard University (UCSF#A106554) | 93 | 866 | 21,484 |
| H-cubed, Inc. (UCSF#A118249) | 93 | RD | (11,041) |
| Health Effects Institute (4787-RFA09-4/10-3-CYC4) | 97 | 108 | 151,325 |
| Health Research, Inc. (45-01) | 93 | 393 | 131,609 |
| Health Research, Inc. (55-1001-01) | 93 | 393 | 29,127 |
| Health Research, Inc. (SUB55-0979-01(CA132951)) | 93 | 393 | 176,775 |
| Healthright 360 (20114625) | 93 | 243 | 95,319 |
| Healthright 360 (2012-13) | 93 | 243 | 41,386 |
| Hebrew Seniorlife, Inc. (UCSF#A121271) | 93 | 846 | 4,238 |
| Hektoen Institute for Medical Research, LLC (UCSF#A119765) | 93 | 855 | 43,144 |
| Hemcon Medical Technologies, Inc. (88182) | 12 | RD | 5,945 |
| Henry Ford Health System (20091399) | 93 | 395 | 197,687 |
| Henry Ford Health System (UCSF#A120210) | 93 | 855 | 292,690 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (20072475) | 12 | 420 | 75,692 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (2196 / PO # 735721(MH087981)) | 93 | 242 | 516,420 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (22369) | 93 | 855 | 63,462 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (2266) | 12 | 420 | 22,537 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (683948-002) | 12 | 420 | 42,961 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (708961) | 12 | 420 | 56,803 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (87505) | 12 | 420 | 2,965 |
| ARRA-Henry M. Jackson Foundation for the Advancement of Military Medicine (SUB 706256 (MH087981) ARRA) | 93 | 701 | 14,820 |
| Hewlett-Packard (HPL-MM-UCSB-0007-1) | 12 | 910 | 366,471 |
| ARRA-Hewlett-Packard (SUB 2009-3020(1779B) ARRA) | 47 | 070 | 405 |
| High Performance Technologies, Inc. (2007-CAL-2273) | 12 | RD | 104,156 |
| High Performance Technologies, Inc. (HPTI-PETTT-UCB) | 39 | RD | 28,854 |
| High Precision Devices, Inc. (SB110086) | 12 | RD | (3,116) |
| High-Test Laboratories, Inc. (SUB 2103-001 (NONE)) | 12 | 300 | 25,084 |
| Hispanic-Serving Health Professions Schools, Inc. (89584) | 93 | 004 | (4) |
| Hispanic-Serving Health Professions Schools, Inc. (OMH-5-MPCMP101038-UCSD-02) | 93 | 004 | 403 |
| Hi-Z Technology, Inc. (SUB 7500-2 (W9132T-12-C-0001)) | 12 | 431 | 66,404 |
| Hls Research, Inc. (SUB HLS2009-102(N00014-10-C-04) | 12 | 910 | 55,665 |
| Honeywell, Inc. (NON11008) | 12 | RD | 114,510 |
| Honeywell, Inc. (PO4203850099E) | 20 | 109 | 237,532 |
| House Ear Institute (20100971) | 93 | 173 | 23,936 |
| Hrl Laboratories, LLC (10008-002328-CYC3) | 12 | 910 | 101,111 |
| Hrl Laboratories, LLC (10043-002937-CYC1) | 12 | RD | 296,058 |
| Hrl Laboratories, LLC (11014202630DS) | 12 | 800 | 75,814 |
| Hrl Laboratories, LLC (20113843) | 99 | RD | 371,470 |
| Hrl Laboratories, LLC (702086-BS) | 99 | RD | 62,172 |
| Hrl Laboratories, LLC (801888-BS-CYC13) | 12 | 630 | 142,804 |
| Hrl Laboratories, LLC (9049-001085) | 99 | RD | 10,019 |
| Hrl Laboratories, LLC (B 801363-BS (N66001-08-C-2048)) | 12 | 910 | 57,528 |
| Hrl Laboratories, LLC (PO#702085-BS) | 99 | RD | 48,179 |
| Hrl Laboratories, LLC (SUB 10088-PO10126-BS (W91CRB-) | 12 | 910 | 44,923 |
| Hrl Laboratories, LLC (SUB 11014-101836 (FA8650-07-C) | 12 | 910 | 86,217 |
| Hrl Laboratories, LLC (SUB 11014-101837 (FA8650-07-C) | 12 | 910 | 24,361 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Hrl Laboratories, LLC (SUB 12022-201841-DS(W91-CRB-1) | 93 | 839 | 112,331 |
| Hrl Laboratories, LLC (SUB 901819-BS(HR0011-09-C-0126) | 12 | 910 | 55,044 |
| Hrl Laboratories, LLC (SUB PCA # 11-215 (NONE)) | 12 | 910 | 20,772 |
| Hrl Laboratories, LLC (UCLA-47712-CYC10) | 12 | 910 | 7,018 |
| Hudsonalpha Institute for Biotechnology (HAI-53148-CYC1) | 93 | 172 | 57,521 |
| Humanity United (4000116770) | 99 | RD | 106,961 |
| Hydrogeologic, Inc. (SC-12-50) | 99 | RD | 697 |
| Hypres, Inc. (B 20132488 (#FA9550-13-C-0019)) | 12 | 300 | 152,767 |
| Hypres, Inc. (SUB 20121081(FA9550-12-C-0054)) | 12 | 800 | 75,833 |
| ARRA-Icf Incorporated (10DS00063) | 17 | RD | 16,648 |
| ARRA-ICF Macro (635278-11S-1620) | 93 | RD | 83,555 |
| Ichor Medical Systems, Inc. (IMSI-48544) | 93 | 853 | 23,253 |
| Idacorp (100403) | 81 | RD | 6,217 |
| Idaho National Laboratory (00119253) | 81 | RD | 179,150 |
| Idaho National Laboratory (00124027) | 81 | RD | 74,217 |
| Idaho National Laboratory (00126925) | 81 | 105 | 65,974 |
| Idaho National Laboratory (120907-CYC1) | 81 | 036 | 88,501 |
| Ige Therapeutics, Inc. (87959) | 93 | 855 | (1) |
| Illinois Applied Research Associates, LLC (20131791) | 99 | RD | 51,251 |
| Imagecat, Inc. (SUB 11-22-04:02 (CMMI-1138640)) | 47 | RD | 2,968 |
| Immune Deficiency Foundation (UCSF#A115629) | 93 | 855 | 29,705 |
| Immunogene, Inc. (79007) | 93 | 395 | 57,489 |
| Impact Carbon (FY11-G09-6990) | 98 | 001 | 25,332 |
| Incorporated Research Institutions for Seismology (37-GSN) | 47 | 050 | 37,100 |
| Incorporated Research Institutions for Seismology (43-GSN/DMS) | 47 | 050 | 2,711,329 |
| Incorporated Research Institutions for Seismology (71-TA) | 47 | 050 | 1,360,736 |
| Incorporated Research Institutions for Seismology (72-TA) | 47 | 050 | 366,175 |
| ARRA-Incorporated Research Institutions for Seismology (82-TA) | 47 | 082 | 55,801 |
| Incorporated Research Institutions for Seismology (89-TA) | 47 | 050 | 5,587 |
| Incorporated Research Institutions for Seismology (IRIS 56-OMO) | 47 | 050 | 1,173,810 |
| Indian Health Council, Inc. (83325) | 93 | 866 | (110) |
| Indian Health Council, Inc. (87982) | 93 | 933 | 11,662 |
| Indian Health Council, Inc. (SUB 20121474(HS300292)) | 93 | 866 | 64,610 |
| Indian Health Council, Inc. (SUB NONE (HS300292)) | 93 | 866 | 9,936 |
| Indian Health Council, Inc. (SUB NONE (ISH300292)) | 93 | 933 | 44,692 |
| Indiana University (20050655) | 93 | 865 | 17,750 |
| Indiana University (BL-4330948-UCSF) | 66 | 509 | 5,115 |
| Indiana University (BL4635304UCD) | 93 | 859 | 131,887 |
| Indiana University (DBI0820451) | 47 | 074 | 671,208 |
| Indiana University (IN-4685211-UCSF) | 93 | 855 | 261,590 |
| Indiana University (IN-4685252-UCB) | 93 | 855 | 28,238 |
| Indiana University (PO #3118405) | 12 | 431 | 28,357 |
| Indiana University (SUB IUB-4812439-UCSD (OCI-091) | 47 | RD | 297,371 |
| Indiana University (UCSF#A110899) | 93 | 242 | (3,862) |
| Information Systems Laboratories, Inc. (6052;P.O. 1130130) | 12 | 300 | 15,353 |
| Information Technology and Innovation Foundation (2013002) | 90 | 403 | 29,794 |
| Innovative Biotherapies, Inc. (UCSF#A113000) | 12 | 420 | 2,550 |
| Innovative Scientific Solutions, Inc. (F3361503D2329) | 12 | RD | 3,526 |
| Innovative Scientific Solutions, Inc. (SB07610) | 12 | RD | 13,587 |
| Innovega, Inc. (P2012 JUNE100 (NONE)) | 12 | 910 | 24,000 |
| Innovega, Inc. (P2012-JUNE101-DARPA 10.3 PH II) | 12 | 910 | 23,922 |
| ARRA-Institute for Healthcare Improvement (IHI-49308-CYC2) | 93 | 726 | 248,005 |
| Institute for Neurodegenerative Disorders, Inc. (20072493) | 12 | 420 | (60) |
| Institute for Systems Biology (SUB 2009.0017 (272200800058C)) | 93 | RD | 220,110 |
| Integrated Ocean Drilling Program (IODP-MI-05-04) | 47 | 050 | 252,665 |
| Intel Corporation (87351) | 12 | 910 | (4,306) |
| Intel Corporation (SUB CW1924105 (DE-SC0008717)) | 81 | 049 | 16,261 |
| Intelligent Optical Systems, Inc. (IOS # 3225 NIH-SIDS-CYC1) | 93 | 865 | 45,000 |
| International Aids Vaccine Initiative, Inc. (SUB NONE (AI090970)) | 93 | 856 | 75,290 |
| International Antiviral Society-USA (UCSF#A120180) | 93 | 855 | 169,832 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| International Business Machines Corporation (005791) | 99 | 999 | 92,923 |
| International Business Machines Corporation (4911027561-CYC1) | 97 | 044 | 279,461 |
| International Business Machines Corporation (5004140691) | 12 | 630 | 76,490 |
| International Business Machines Corporation (87804) | 12 | 910 | 143,621 |
| International Business Machines Corporation (W145790) | 99 | RD | 347,372 |
| International Computer Science Institute (SUB 804UCSD (W911NF-12-C-0022) | 12 | 910 | 151,073 |
| International Food Policy Research Institute (005891) | 98 | 001 | 30,273 |
| International Inst of Tropical Agriculture (031335) | 98 | RD | 8,784 |
| International Maize and Wheat Center (006017) | 98 | 001 | 22,625 |
| International Maize and Wheat Center (016258) | 98 | RD | 434,686 |
| International Maize and Wheat Center (201119202) | 10 | RD | 3,350 |
| International Potato Center (24045) | 98 | RD | 108,335 |
| Iowa State University (005700) | 12 | 300 | 36,713 |
| Iowa State University (005867) | 12 | 431 | 41,773 |
| Iowa State University (33325) | 81 | 135 | 172,916 |
| Iowa State University (4164079A) | 10 | 310 | 36,131 |
| Iowa State University (416-43-37B) | 10 | 206 | 2,176 |
| Iowa State University (420-60-02) | 47 | 041 | 115,140 |
| Iowa State University (420-72-25-CYC6) | 47 | 041 | 288,042 |
| Iowa State University (4302331) | 93 | 103 | 18,773 |
| Iowa State University (430-40-01A) | 93 | 855 | 252,033 |
| Iris Ao, Inc. (1152710-LAO) | 47 | 041 | 14,780 |
| Iss, Inc. (78864) | 12 | 431 | 1,474 |
| Iti Health, Inc. (UCSF#A119389) | 93 | 394 | 38,992 |
| J. Craig Venter Institute (JCVI-12-005) | 93 | 859 | 85,277 |
| Jackson State University (633156) | 47 | 049 | 19,806 |
| Jaeb Center for Health Research, Inc. (1U10EY020797-01A1) | 93 | 867 | 8,346 |
| Jaeb Center for Health Research, Inc. (20848) | 93 | 867 | 1,152 |
| Jaeb Center for Health Research, Inc. (EY-12358) | 93 | 867 | 893 |
| Jaeb Center for Health Research, Inc. (JAEB-N-48482-CYC4) | 93 | 867 | 2,747 |
| Jaeb Center for Health Research, Inc. (JCHR-42099-CYC3) | 93 | RD | 10,225 |
| Jaeb Center for Health Research, Inc. (PRIME:1U10EY020797-01A1) | 93 | 867 | 3,826 |
| Jaeb Center for Health Research, Inc. (U10 EY11751) | 93 | 867 | 29 |
| Jaeb Center for Health Research, Inc. (UCSF#A120488) | 93 | 867 | 24 |
| James Madison University (V08-138-02/#529155) | 43 | 001 | 26,849 |
| Jazz Semiconductor (SUB 20104645 (HR0011-10-3-0006) | 12 | 910 | 389,132 |
| Jet Propulsion Laboratory (005246) | 43 | 999 | 1,920 |
| Jet Propulsion Laboratory (005261) | 43 | 999 | 42,152 |
| Jet Propulsion Laboratory (005461-004) | 43 | 999 | 3,050 |
| Jet Propulsion Laboratory (005488) | 43 | 999 | 2,043 |
| Jet Propulsion Laboratory (005749) | 99 | 999 | 5,345 |
| Jet Propulsion Laboratory (005927) | 43 | 999 | 51,751 |
| Jet Propulsion Laboratory (1278932) | 99 | RD | 2,356 |
| Jet Propulsion Laboratory (1351650) | 43 | RD | 55,261 |
| Jet Propulsion Laboratory (1355302) | 43 | RD | 34,841 |
| Jet Propulsion Laboratory (1356389) | 43 | RD | 189,813 |
| Jet Propulsion Laboratory (1356970) | 43 | RD | 32,967 |
| Jet Propulsion Laboratory (1360781) | 43 | RD | 69,306 |
| Jet Propulsion Laboratory (1362993) | 43 | RD | 12,944 |
| Jet Propulsion Laboratory (1367008) | 43 | RD | 3,550 |
| Jet Propulsion Laboratory (1367520) | 43 | RD | 3,984 |
| Jet Propulsion Laboratory (1367693) | 43 | RD | 10,748 |
| Jet Propulsion Laboratory (1368138) | 43 | 999 | 28 |
| Jet Propulsion Laboratory (1368580) | 43 | RD | 64,222 |
| Jet Propulsion Laboratory (1371718) | 43 | RD | 19,756 |
| Jet Propulsion Laboratory (1373199-CYC6) | 43 | 001 | 43,886 |
| Jet Propulsion Laboratory (1377918) | 43 | RD | 3,221 |
| Jet Propulsion Laboratory (1378780) | 99 | RD | 166 |
| Jet Propulsion Laboratory (1384701) | 99 | RD | 28,930 |
| Jet Propulsion Laboratory (1385250) | 99 | RD | 62,721 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Jet Propulsion Laboratory (1388398) | 43 | RD | 40,811 |
| Jet Propulsion Laboratory (1388406) | 43 | RD | 95,459 |
| Jet Propulsion Laboratory (1388828) | 99 | RD | 65,729 |
| Jet Propulsion Laboratory (1401886:02) | 99 | RD | 4,853 |
| Jet Propulsion Laboratory (1407299:06) | 99 | RD | 49,881 |
| Jet Propulsion Laboratory (1409806) | 99 | RD | 76,121 |
| Jet Propulsion Laboratory (1409809) | 99 | RD | 237,195 |
| Jet Propulsion Laboratory (1414838) | 99 | RD | 1,570 |
| Jet Propulsion Laboratory (1416297) | 43 | RD | 6,593 |
| Jet Propulsion Laboratory (1416679-CYC1) | 43 | 001 | 645 |
| Jet Propulsion Laboratory (1416822) | 99 | RD | 758 |
| Jet Propulsion Laboratory (1417183) | 43 | RD | 25,553 |
| Jet Propulsion Laboratory (1420806-CYC1) | 43 | RD | 97,271 |
| Jet Propulsion Laboratory (1422276) | 99 | RD | 81,170 |
| Jet Propulsion Laboratory (1423103-CYC3) | 43 | 001 | (1,158) |
| Jet Propulsion Laboratory (1424022) | 99 | RD | 144,154 |
| Jet Propulsion Laboratory (1427184-CYC2) | 43 | 001 | 76,651 |
| Jet Propulsion Laboratory (1428057) | 99 | RD | 34,819 |
| Jet Propulsion Laboratory (1428059) | 99 | RD | 93,296 |
| Jet Propulsion Laboratory (1428587) | 99 | RD | 39,181 |
| Jet Propulsion Laboratory (1430716) | 99 | RD | 27,752 |
| Jet Propulsion Laboratory (1431095) | 43 | RD | 18,144 |
| Jet Propulsion Laboratory (1433613) | 99 | RD | 9,178 |
| Jet Propulsion Laboratory (1434782) | 43 | RD | 3,359 |
| Jet Propulsion Laboratory (1434991-CYC4) | 43 | RD | 98,659 |
| Jet Propulsion Laboratory (1436227) | 99 | RD | 220,918 |
| Jet Propulsion Laboratory (1436963) | 99 | RD | 1,294 |
| Jet Propulsion Laboratory (1437103) | 99 | RD | 13,931 |
| Jet Propulsion Laboratory (1438930) | 99 | RD | 26,877 |
| Jet Propulsion Laboratory (1438944) | 99 | RD | 9,589 |
| Jet Propulsion Laboratory (1438947) | 99 | RD | 2,775 |
| Jet Propulsion Laboratory (1439211) | 43 | RD | 92,691 |
| Jet Propulsion Laboratory (1439324) | 43 | RD | 834 |
| Jet Propulsion Laboratory (1439333) | 43 | RD | 2,233 |
| Jet Propulsion Laboratory (1439520:05) | 99 | RD | 36,217 |
| Jet Propulsion Laboratory (1439526) | 99 | RD | 16,636 |
| Jet Propulsion Laboratory (1439664) | 43 | RD | 9,765 |
| Jet Propulsion Laboratory (1440951-CYC1) | 43 | RD | 10,890 |
| Jet Propulsion Laboratory (1441098) | 99 | RD | 29,071 |
| Jet Propulsion Laboratory (1441406) | 99 | RD | 145,595 |
| Jet Propulsion Laboratory (1441822) | 99 | RD | 2,166 |
| Jet Propulsion Laboratory (1442396) | 43 | RD | 17,920 |
| Jet Propulsion Laboratory (1444335-CYC3) | 43 | RD | 80,014 |
| Jet Propulsion Laboratory (1446040) | 99 | RD | 89,290 |
| Jet Propulsion Laboratory (1446882) | 99 | RD | 138,587 |
| Jet Propulsion Laboratory (1447872-CYC1) | 43 | RD | 137,733 |
| Jet Propulsion Laboratory (1448366:02) | 99 | RD | 22,605 |
| Jet Propulsion Laboratory (1450059) | 43 | RD | 175,338 |
| Jet Propulsion Laboratory (1450061) | 43 | RD | 131,095 |
| Jet Propulsion Laboratory (1450249-CYC1) | 43 | RD | 93,579 |
| Jet Propulsion Laboratory (1455628) | 43 | RD | 132,083 |
| Jet Propulsion Laboratory (1456070-CYC1) | 43 | 001 | 49,504 |
| Jet Propulsion Laboratory (1456144) | 99 | RD | 22,062 |
| Jet Propulsion Laboratory (1456374) | 99 | RD | 105,050 |
| Jet Propulsion Laboratory (1456431) | 99 | RD | 23,297 |
| Jet Propulsion Laboratory (1456907-CYC1) | 43 | RD | 28,775 |
| Jet Propulsion Laboratory (1457047) | 99 | RD | 47,144 |
| Jet Propulsion Laboratory (1457051) | 99 | RD | 46,670 |
| Jet Propulsion Laboratory (1457200) | 43 | RD | 75,025 |
| Jet Propulsion Laboratory (1457376) | 99 | RD | 29,972 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Jet Propulsion Laboratory (1457403) | 99 | RD | 81 |
| Jet Propulsion Laboratory (1458850) | 43 | RD | 110,412 |
| Jet Propulsion Laboratory (1459600) | 99 | RD | 74,119 |
| Jet Propulsion Laboratory (1460641) | 99 | RD | 110,205 |
| Jet Propulsion Laboratory (1460648) | 43 | RD | 86,915 |
| Jet Propulsion Laboratory (1460711-CYC1) | 43 | 001 | 17,455 |
| Jet Propulsion Laboratory (1462009) | 99 | RD | 67,592 |
| Jet Propulsion Laboratory (1464151-CYC1) | 43 | 001 | 40,070 |
| Jet Propulsion Laboratory (1464202) | 99 | RD | 132,895 |
| Jet Propulsion Laboratory (1465360) | 43 | RD | 70,000 |
| Jet Propulsion Laboratory (1466422) | 43 | RD | 14,655 |
| Jet Propulsion Laboratory (1468115) | 43 | RD | 34,823 |
| Jet Propulsion Laboratory (1468484) | 43 | RD | 90,883 |
| Jet Propulsion Laboratory (1468764-CYC1) | 43 | RD | 16,000 |
| Jet Propulsion Laboratory (1468868-CYC1) | 43 | RD | 4,366 |
| Jet Propulsion Laboratory (1469723) | 43 | RD | 250,914 |
| Jet Propulsion Laboratory (1470132) | 43 | RD | 28,575 |
| Jet Propulsion Laboratory (1470415) | 99 | RD | 86,353 |
| Jet Propulsion Laboratory (1471138) | 43 | RD | 65,421 |
| Jet Propulsion Laboratory (1472433) | 99 | RD | 38,572 |
| Jet Propulsion Laboratory (1472475) | 99 | RD | 42,863 |
| Jet Propulsion Laboratory (1473073-CYC1) | 43 | 001 | 3 |
| Jet Propulsion Laboratory (1473965) | 99 | RD | 24,724 |
| Jet Propulsion Laboratory (1474320) | 43 | 001 | 49,879 |
| Jet Propulsion Laboratory (1475268-CYC1) | 43 | RD | 15,225 |
| Jet Propulsion Laboratory (1476559) | 99 | RD | 24,038 |
| Jet Propulsion Laboratory (1478315-CYC1) | 43 | RD | 7,649 |
| Jet Propulsion Laboratory (1478371) | 43 | RD | 4,772 |
| Jet Propulsion Laboratory (1479301) | 99 | RD | 30,416 |
| Jet Propulsion Laboratory (1479652) | 43 | RD | 40,116 |
| Jet Propulsion Laboratory (1480144-CYC1) | 43 | RD | 10,699 |
| Jet Propulsion Laboratory (1481588) | 99 | RD | 951 |
| Jet Propulsion Laboratory (1483242) | 43 | RD | 1,299 |
| Jet Propulsion Laboratory (59355) | 43 | RD | 21,549 |
| Jet Propulsion Laboratory (59835) | 43 | RD | 16,230 |
| Jet Propulsion Laboratory (59907) | 43 | 001 | 13,065 |
| Jet Propulsion Laboratory (59932) | 43 | 001 | 9,004 |
| Jet Propulsion Laboratory (59967) | 43 | 001 | 4,081 |
| Jet Propulsion Laboratory (59968) | 43 | 001 | 45,582 |
| Jet Propulsion Laboratory (63000) | 43 | 001 | 27,668 |
| Jet Propulsion Laboratory (63011) | 43 | 001 | 8,995 |
| Jet Propulsion Laboratory (63070) | 99 | RD | 9,862 |
| Jet Propulsion Laboratory (77591) | 99 | RD | (1,276) |
| Jet Propulsion Laboratory (77802) | 99 | RD | (46,138) |
| Jet Propulsion Laboratory (94923) | 43 | RD | (145) |
| Jet Propulsion Laboratory (RSA NO. 1371600) | 99 | 999 | 64,948 |
| Jet Propulsion Laboratory (RSA-1463789-CYC1) | 43 | RD | 33,234 |
| Jet Propulsion Laboratory (SUB 1395059 (NM0711101 A DO-C9)) | 43 | RD | 27,103 |
| Jet Propulsion Laboratory (SUB 1436169(NASA 711043)) | 43 | RD | 1,627 |
| Jet Propulsion Laboratory (SUB 1438727 (NONE)) | 43 | RD | 24,999 |
| Jet Propulsion Laboratory (SUB 1450442) | 43 | RD | 32,745 |
| Jet Propulsion Laboratory (SUB 1455933 (NONE)) | 43 | RD | 62,358 |
| Jet Propulsion Laboratory (SUB 1472388) | 43 | RD | 8,204 |
| Jet Propulsion Laboratory (SUB RSA 1419615) | 43 | 999 | 1,628 |
| Jewish Community Federation (SF, Peninsula, Marin & Sonoma Counties) (UCSF-2012-01) | 93 | 866 | 10,208 |
| John Wayne Institute for Cancer Treatment and Research (1039A) | 93 | 395 | 473,445 |
| ARRA-John Wayne Institute for Cancer Treatment and Research (58562) | 93 | 395 | (9,609) |
| Johns Hopkins University (08003877) | 93 | 113 | 19,861 |
| Johns Hopkins University (110284) | 47 | 050 | 21,723 |
| Johns Hopkins University (2000275794) | 93 | 859 | 50,838 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Johns Hopkins University (2000441242-CYC5) | 93 | 859 | 50,420 |
| Johns Hopkins University (2000488563-04) | 93 | 113 | 23,585 |
| Johns Hopkins University (2000540077) | 93 | 867 | 322,223 |
| Johns Hopkins University (2000723100) | 93 | 395 | 77,859 |
| ARRA-Johns Hopkins University (2000786037) | 93 | 701 | (787) |
| Johns Hopkins University (2000794696:3) | 93 | 853 | 15,259 |
| Johns Hopkins University (2000819835) | 47 | 080 | 32,158 |
| Johns Hopkins University (2001007644) | 93 | 837 | 119,458 |
| Johns Hopkins University (2001040575) | 47 | 049 | 17,644 |
| Johns Hopkins University (2001049549) | 93 | 989 | 62,184 |
| Johns Hopkins University (2001049618) | 47 | 070 | 12,798 |
| Johns Hopkins University (2001159964) | 93 | 865 | 24,452 |
| ARRA-Johns Hopkins University (2001195221) | 93 | 701 | 5,691 |
| Johns Hopkins University (2001253025) | 12 | 910 | 92,990 |
| Johns Hopkins University (2001273933) | 93 | 393 | 37,075 |
| Johns Hopkins University (2001291071) | 93 | 855 | 25,870 |
| Johns Hopkins University (2001318908) | 93 | 855 | 235,319 |
| Johns Hopkins University (2001356027) | 93 | 396 | 17,226 |
| Johns Hopkins University (2001377399) | 47 | 050 | 53,326 |
| Johns Hopkins University (2001387212) | 93 | 847 | 31,637 |
| Johns Hopkins University (2001419273-CYC1) | 93 | 887 | 216,642 |
| Johns Hopkins University (200144389) | 93 | 838 | 301,744 |
| Johns Hopkins University (2001561731) | 12 | 630 | 107,488 |
| Johns Hopkins University (2001573675-CYC1) | 12 | 910 | 94,631 |
| Johns Hopkins University (2001586402) | 93 | 855 | 10,826 |
| Johns Hopkins University (2001590650) | 93 | 242 | 119,785 |
| Johns Hopkins University (2001596532 (AI068632)) | 93 | 242 | 33,435 |
| Johns Hopkins University (2001596933 (AI068632)) | 93 | 242 | 199,963 |
| Johns Hopkins University (2001602913 (AI068632)) | 93 | 242 | 39,537 |
| Johns Hopkins University (2001603363) | 93 | 279 | 79,385 |
| Johns Hopkins University (2001622119) | 12 | 800 | 130,940 |
| Johns Hopkins University (2001638125) | 93 | 242 | 5,442 |
| Johns Hopkins University (2001646276) | 93 | 847 | 7,916 |
| Johns Hopkins University (2001653080) | 93 | 867 | 8,849 |
| Johns Hopkins University (2001653082) | 93 | 121 | 44,310 |
| Johns Hopkins University (2001715976) | 93 | 859 | 80,808 |
| Johns Hopkins University (20110582) | 93 | 395 | 976 |
| Johns Hopkins University (2012-0171(FD003898)) | 93 | 103 | 5,619 |
| Johns Hopkins University (20121111) | 93 | 242 | 27,678 |
| Johns Hopkins University (22000387817) | 93 | 286 | 33,224 |
| Johns Hopkins University (3P50DE019032-11S2) | 93 | 121 | 37,942 |
| Johns Hopkins University (58196) | 93 | 866 | 90 |
| Johns Hopkins University (59226) | 93 | 867 | 1,821 |
| Johns Hopkins University (59347) | 93 | 866 | (91) |
| Johns Hopkins University (59722) | 93 | 853 | 33,099 |
| Johns Hopkins University (59878) | 93 | 867 | (228) |
| ARRA-Johns Hopkins University (71643) | 93 | 701 | - |
| Johns Hopkins University (78902) | 93 | 286 | (86) |
| Johns Hopkins University (78919) | 93 | 867 | 85,298 |
| Johns Hopkins University (79137) | 93 | 867 | 7,233 |
| ARRA-Johns Hopkins University (79273) | 84 | 411 | 17,862 |
| Johns Hopkins University (7UM1AI068632-07) | 93 | 242 | 8,669 |
| Johns Hopkins University (82585) | 93 | RD | (32,717) |
| Johns Hopkins University (82586) | 93 | RD | (23) |
| Johns Hopkins University (83203) | 93 | 867 | 32,376 |
| Johns Hopkins University (85568) | 93 | 855 | (300) |
| Johns Hopkins University (975268) | 43 | RD | 3,541,632 |
| ARRA-Johns Hopkins University (ABTC0903) | 93 | 701 | 770 |
| ARRA-Johns Hopkins University (ABTC0904) | 93 | 701 | 7,274 |
| Johns Hopkins University (ABTC1002) | 93 | 395 | 793 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Johns Hopkins University (HHSN275200800033C) | 99 | RD | 131,217 |
| Johns Hopkins University (NABTC0701) | 93 | 395 | 117,847 |
| Johns Hopkins University (OSR #04038024) | 93 | 867 | 28,344 |
| Johns Hopkins University (PO# 2001433026) | 99 | RD | 30,337 |
| Johns Hopkins University (SUB 2000146609 (MH079784)) | 93 | 242 | 19,550 |
| Johns Hopkins University (SUB 2000442368 (GM084332)) | 93 | 862 | (804) |
| Johns Hopkins University (SUB 2001027151 (GM072024)) | 93 | 859 | 124,203 |
| Johns Hopkins University (SUB 2001053335 (NS046309)) | 93 | 853 | 16,141 |
| Johns Hopkins University (SUB 2001298882 (HG003233)) | 93 | 172 | 53,576 |
| ARRA-Johns Hopkins University (SUB 2001359570 (AI069918) ARRA) | 93 | 701 | 3,890 |
| Johns Hopkins University (SUB 2001377393 (HHSA290201100) | 93 | 185 | 173,921 |
| Johns Hopkins University (SUB 20015696533 (AI068632)) | 93 | 242 | 160,345 |
| Johns Hopkins University (SUB 2001596550 (AI068632)) | 93 | 242 | 44,390 |
| Johns Hopkins University (SUB 2001596934(AI068632) | 93 | 242 | 109,173 |
| Johns Hopkins University (SUB 2001646387 (DK061730)) | 93 | 847 | 70,746 |
| Johns Hopkins University (SUB NONE (AG042187)) | 93 | 866 | 31,217 |
| Johns Hopkins University (SUB NONE (AI068632)) | 93 | 242 | 50,815 |
| Johns Hopkins University (SUB NONE (AI099737)) | 93 | 855 | 12,590 |
| Johns Hopkins University (SUB NONE (AI68632)) | 93 | 242 | 7,536 |
| Johns Hopkins University (SUB NONE (DK061730)) | 93 | 847 | 118,993 |
| Johns Hopkins University (SUB NONE (EY 08057)) | 93 | 867 | 203,950 |
| Johns Hopkins University (SUB NONE (EY022680)) | 93 | 867 | 202,258 |
| Johns Hopkins University (SUB2001589439(EY014660)) | 93 | 867 | 3,740 |
| Johns Hopkins University (UCSF#A110232) | 93 | 867 | 233,129 |
| Johns Hopkins University (UCSF#A113997) | 12 | RD | 123,425 |
| ARRA-Johns Hopkins University (UCSF#A117371) | 93 | RD | 71,970 |
| Johns Hopkins University (UCSF#A117877) | 93 | 855 | 68,900 |
| Johns Hopkins University (UCSF#A119654) | 93 | 242 | 94,719 |
| Johns Hopkins University (UCSF#A119870) | 93 | 865 | 8,740 |
| Johns Hopkins University (UCSF#A120103) | 93 | 242 | 113,186 |
| Joint Oceanographic Institutions, Inc. (59399) | 47 | 050 | 82 |
| Joint Oceanographic Institutions, Inc. (82962) | 47 | 050 | 57 |
| Jumpstart for Young Children, Inc. (492012-CYC2) | 94 | 006 | 142,293 |
| Juvaris Biotherapeutics, Inc. (1U01AI07451201) | 93 | 855 | 16,894 |
| Juvenile Diabetes Research Foundation International (6851SC-CYC1) | 93 | 396 | 19,984 |
| Kab Laboratories, Inc. (SUB 2012-0454 (NONE)) | 12 | 300 | 124,578 |
| Kaiser Permanente Division of Research (08CCCHAO-05-KPNC) | 93 | 394 | 1,902 |
| Kaiser Permanente Division of Research (08CCCHAO-05-UCLA:4) | 93 | 394 | 26,051 |
| Kaiser Permanente Division of Research (115-9075-01) | 93 | 847 | 127,190 |
| Kaiser Permanente Division of Research (115-9107-04) | 93 | 847 | 55,452 |
| ARRA-Kaiser Permanente Division of Research (115-9112-02) | 93 | 701 | (309) |
| Kaiser Permanente Division of Research (115-9188-01/KR021034) | 93 | 242 | 14,899 |
| Kaiser Permanente Division of Research (115923801) | 93 | 847 | 44,082 |
| Kaiser Permanente Division of Research (115-9306-01-CYC2) | 93 | RD | 433,761 |
| Kaiser Permanente Division of Research (115-9309-01) | 93 | 849 | 59,604 |
| Kaiser Permanente Division of Research (115-9340-01) | 93 | 242 | 719,204 |
| Kaiser Permanente Division of Research (1159341UCD01) | 93 | RD | 14,545 |
| Kaiser Permanente Division of Research (115-9366-01) | 93 | 847 | 13,639 |
| Kaiser Permanente Division of Research (115958502) | 93 | 113 | 181,620 |
| Kaiser Permanente Division of Research (115-9585-03) | 93 | 113 | 128,063 |
| Kaiser Permanente Division of Research (115-9632-01) | 93 | 279 | 20,768 |
| Kaiser Permanente Division of Research (115-9769) | 93 | RD | 60,492 |
| Kaiser Permanente Division of Research (115-9825-01-M2) | 93 | 226 | 43,563 |
| ARRA-Kaiser Permanente Division of Research (115-9993-02) | 93 | 701 | 30,613 |
| Kaiser Permanente Division of Research (25895) | 93 | 866 | 16,085 |
| Kaiser Permanente Division of Research (5962-UCB) | 93 | 853 | 152,122 |
| Kaiser Permanente Division of Research (84777) | 93 | 273 | 1,550 |
| Kaiser Permanente Division of Research (84832) | 93 | 395 | (3,179) |
| Kaiser Permanente Division of Research (9098) | 93 | 113 | 9,928 |
| Kaiser Permanente Division of Research (OSR #03033223) | 93 | RD | 85,830 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| ARRA-Kaiser Permanente Division of Research (UCSF#A114165) | 93 | 701 | 231,761 |
| Kaiser Permanente Division of Research (UCSF#A114641) | 93 | 273 | 25,101 |
| Kaiser Permanente Division of Research (UCSF#A117140) | 93 | 113 | 2,041 |
| Kaiser Permanente Division of Research (UCSF#A121466) | 93 | 393 | 12,835 |
| Kansas State University (S13108-CYC1) | 47 | 050 | 16,041 |
| Kean University (20102184) | 93 | 279 | 17,949 |
| Kent State University (443166-UCSB) | 93 | 121 | 8,912 |
| Kinemed, Inc. (82395) | 93 | RD | 465 |
| Kineta, Inc. (3291-CYC2) | 93 | 839 | 58,391 |
| Kineta, Inc. (KINETA-46709-CYC2) | 93 | 855 | 11,944 |
| Kitware, Inc. (96002) | 12 | 910 | 137 |
| Kitware, Inc. (K000841-00-S01) | 93 | 853 | 9,493 |
| Kootenai Tribe of Idaho (16333) | 81 | RD | 75,681 |
| Krell Institute (30731) | 81 | RD | 16,266 |
| L-3 Communications (85831) | 12 | RD | (23) |
| La Jolla Institute for Allergy and Immunology (83333) | 93 | 856 | (14,637) |
| La Jolla Institute for Allergy and Immunology (SUB 22592-44-393 (HL055798)) | 93 | 837 | 407,829 |
| La Jolla Institute for Allergy and Immunology (SUB 23002-44-361 (AI071922)) | 93 | 855 | 72,073 |
| La Jolla Institute for Allergy and Immunology (SUB 25071-44-381 (HHSN2722009) | 93 | RD | 11,238 |
| La Jolla Institute for Allergy and Immunology (SUB 25072-44-381 (HHSN2722009) | 93 | RD | 1,369 |
| La Jolla Institute for Allergy and Immunology (SUB 25081-44-381 (HHSN27220122) | 93 | RD | 40,203 |
| La Jolla Institute for Allergy and Immunology (SUB 26622-44-381 (AI100275)) | 93 | 855 | 152,257 |
| La Jolla Institute for Allergy and Immunology (SUB LIAI #25069-44-381 (HHSN2) | 93 | RD | 73,856 |
| La Jolla Institute for Allergy and Immunology (SUB LIAI (HHSN272200700048C)) | 93 | RD | 59,476 |
| Laval University (94228) | 93 | 242 | (12,332) |
| Laval University (ON095556-1-CYC4) | 93 | 856 | 291,232 |
| Lawrence Livermore National Security, LLC (30631) | 93 | 866 | 5,001 |
| Lawrence Livermore National Security, LLC (32389) | 81 | RD | 10,248 |
| Lawrence Livermore National Security, LLC (33234) | 81 | RD | 57,381 |
| Lawrence Livermore National Security, LLC (85433) | 81 | RD | (424) |
| Lawrence Livermore National Security, LLC (85447) | 81 | RD | (4,847) |
| Lawrence Livermore National Security, LLC (B586434) | 81 | RD | 27,457 |
| Lawrence Livermore National Security, LLC (B591394) | 81 | RD | 15,154 |
| Lawrence Livermore National Security, LLC (B592888) | 81 | RD | 37,605 |
| Lawrence Livermore National Security, LLC (B593220) | 81 | RD | 50,238 |
| Lawrence Livermore National Security, LLC (B593742) | 81 | RD | 50,300 |
| Lawrence Livermore National Security, LLC (B594322) | 81 | RD | 146,437 |
| Lawrence Livermore National Security, LLC (B594990) | 99 | RD | 7,171 |
| Lawrence Livermore National Security, LLC (B596506) | 81 | RD | 24,906 |
| Lawrence Livermore National Security, LLC (B596793) | 81 | RD | 9,880 |
| Lawrence Livermore National Security, LLC (B598223) | 93 | RD | 35,924 |
| Lawrence Livermore National Security, LLC (B598283) | 81 | RD | 112,709 |
| Lawrence Livermore National Security, LLC (B598372) | 81 | RD | 147,563 |
| Lawrence Livermore National Security, LLC (B598691) | 81 | RD | 36,408 |
| Lawrence Livermore National Security, LLC (B599261) | 81 | RD | 179,750 |
| Lawrence Livermore National Security, LLC (B599485-CYC1) | 81 | RD | 46,238 |
| Lawrence Livermore National Security, LLC (B599753) | 81 | RD | 53,671 |
| Lawrence Livermore National Security, LLC (B599961) | 99 | RD | 4,364 |
| Lawrence Livermore National Security, LLC (B600450-CYC1) | 81 | RD | 4,593 |
| Lawrence Livermore National Security, LLC (B600456) | 81 | RD | 62,661 |
| Lawrence Livermore National Security, LLC (B600623) | 81 | RD | 74,477 |
| Lawrence Livermore National Security, LLC (B600667) | 81 | RD | 116,583 |
| Lawrence Livermore National Security, LLC (B600703) | 81 | RD | 23,221 |
| Lawrence Livermore National Security, LLC (B601038) | 81 | RD | 12,015 |
| Lawrence Livermore National Security, LLC (B601554) | 81 | RD | 49,909 |
| Lawrence Livermore National Security, LLC (B602283) | 81 | RD | 36,172 |
| Lawrence Livermore National Security, LLC (B602360) | 81 | 00 | 21,984 |
| Lawrence Livermore National Security, LLC (B602802-CYC1) | 81 | RD | 19,369 |
| Lawrence Livermore National Security, LLC (B602933) | 81 | RD | 27,617 |
| Lawrence Livermore National Security, LLC (B602936) | 81 | RD | 50,000 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Lawrence Livermore National Security, LLC (B603231) | 81 | RD | 33,086 |
| Lawrence Livermore National Security, LLC (B603235) | 81 | RD | 19,814 |
| Lawrence Livermore National Security, LLC (B603870) | 81 | RD | 73,747 |
| Lawrence Livermore National Security, LLC (B604236) | 81 | RD | 27,963 |
| Lawrence Livermore National Security, LLC (SUB B601223 (AC52-06NA25396)) | 81 | RD | 19,973 |
| Lawrence Livermore National Security, LLC (SUB B603677 (B599552)) | 81 | RD | 12,591 |
| Lawrence Livermore National Security, LLC (UB B603662 (DE-AC52-07NA27344)) | 99 | RD | 18,072 |
| Lehigh University (42549-78002 (N00014-11-1-0678)) | 12 | 300 | 179,108 |
| Lgs Innovations (France) (Deactive Code) (59828) | 99 | RD | 32,737 |
| Librede, Inc. (2011-0725) | 93 | 859 | 65,114 |
| Librede, Inc. (20111609) | 93 | 859 | 155,480 |
| Life Lab Science Program (33311) | 10 | 170 | 22,343 |
| Life Sciences Research Foundation (LSRF-STEPHAN) | 81 | 049 | 51,943 |
| Lifecel Technology, LLC (SB100073) | 12 | RD | 17,685 |
| Liquilume Diagnostics, Inc. (SC-13-29) | 93 | 350 | 9,773 |
| Livermore Instruments, Inc. (UCSF#A120687) | 93 | 855 | 50,376 |
| Lockheed Martin Corporation (4100117177) | 12 | RD | 3,473 |
| Lockheed Martin Corporation (4100464902) | 43 | RD | 99,179 |
| Lockheed Martin Corporation (87184) | 12 | 910 | 10 |
| Lockheed Martin Corporation (DR3410710) | 99 | RD | 41,273 |
| Lockheed Martin Corporation (SUB PO 41001498229(W91CRB-10-) | 12 | RD | 22,892 |
| ARRA-Logos Technologies, Inc. (ARRASUB242UCD1) | 81 | 087 | 79,651 |
| ARRA-Loma Linda University (incl Natl Medical Technology Testbed, Inc.) (08003945) | 93 | 701 | 65,823 |
| Loma Linda University (incl Natl Medical Technology Testbed, Inc.) (08-NSCOR08:04) | 99 | RD | 238,804 |
| Loma Linda University (incl Natl Medical Technology Testbed, Inc.) (LLU-48391-CYC5) | 43 | RD | 367,132 |
| Loma Linda University (incl Natl Medical Technology Testbed, Inc.) (SC-12-01-002) | 93 | 286 | 291,015 |
| Loma Linda University (incl Natl Medical Technology Testbed, Inc.) (SUB 20103998 (NNX11AE41G)) | 43 | RD | 26,950 |
| Loma Linda University (incl Natl Medical Technology Testbed, Inc.) (UCSF#A114693) | 43 | RD | 205,770 |
| Los Alamos National Security, LLC | 99 | RD | 143,996 |
| Los Alamos National Security, LLC (005704) | 99 | 999 | 9,185 |
| Los Alamos National Security, LLC (113144-1) | 81 | RD | 222,832 |
| Los Alamos National Security, LLC (114631-001-11) | 81 | 123 | 66,191 |
| Los Alamos National Security, LLC (120501) | 81 | RD | 67,617 |
| Los Alamos National Security, LLC (124318-1) | 81 | RD | 17,800 |
| Los Alamos National Security, LLC (127997-001-11:04) | 99 | RD | (35,895) |
| Los Alamos National Security, LLC (130463-1) | 99 | RD | 929 |
| Los Alamos National Security, LLC (1389461) | 81 | RD | 61,721 |
| Los Alamos National Security, LLC (142454-001) | 99 | RD | 250,645 |
| Los Alamos National Security, LLC (158126-1) | 81 | RD | 68,807 |
| Los Alamos National Security, LLC (160739-1) | 99 | RD | 27,103 |
| Los Alamos National Security, LLC (162501-1) | 81 | RD | 42,308 |
| Los Alamos National Security, LLC (177702-1) | 81 | RD | 9,208 |
| Los Alamos National Security, LLC (188671-1) | 81 | RD | 29,060 |
| Los Alamos National Security, LLC (203351-1) | 81 | RD | 24,943 |
| Los Alamos National Security, LLC (211060) | 81 | RD | 30,058 |
| Los Alamos National Security, LLC (215958-1-CYC1) | 81 | RD | 25,327 |
| Los Alamos National Security, LLC (216965-1) | 99 | RD | 780 |
| Los Alamos National Security, LLC (216966-1) | 99 | RD | 28,287 |
| Los Alamos National Security, LLC (217304-1) | 93 | RD | 39,273 |
| Los Alamos National Security, LLC (219950-1-CYC1) | 81 | 123 | 18,839 |
| Los Alamos National Security, LLC (221083-1) | 99 | RD | 27,369 |
| Los Alamos National Security, LLC (221757) | 99 | RD | 12,330 |
| Los Alamos National Security, LLC (32753) | 81 | RD | 59,382 |
| Los Alamos National Security, LLC (70549-001-09) | 81 | RD | 3,019 |
| Los Alamos National Security, LLC (71370-001-09) | 81 | RD | 52,756 |
| Los Alamos National Security, LLC (7578200109) | 81 | RD | 468,920 |
| Los Alamos National Security, LLC (76088-001-09) | 81 | 123 | 148,329 |
| Los Alamos National Security, LLC (78504-001-10) | 81 | RD | 135,766 |
| Los Alamos National Security, LLC (82215-001-10) | 99 | RD | 13,762 |
| Los Alamos National Security, LLC (86875) | 81 | RD | (6,013) |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Los Alamos National Security, LLC (87115-001-10) | 81 | RD | 85,511 |
| Los Alamos National Security, LLC (87925-001-11) | 81 | 123 | 96,813 |
| Los Alamos National Security, LLC (B 221210-1 (DE-AC52-06NA25396)) | 81 | RD | 5,583 |
| Los Alamos National Security, LLC (SUB 145509-1 (77137)) | 81 | 409 | 76,652 |
| Los Alamos National Security, LLC (SUB 166892-1 (77137)) | 81 | RD | 19,952 |
| Los Alamos National Security, LLC (SUB 187956 (DE-AC52-06NA25396)) | 81 | RD | 146,685 |
| Los Alamos National Security, LLC (SUB 77137-001-11 (DE-AC52-06N) | 81 | RD | 1,542,817 |
| Los Alamos National Security, LLC (SUB 80227-001-10 (DE-AC52-06NA) | 81 | RD | 37,154 |
| Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr (4000928:2) | 93 | 879 | 37,299 |
| Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Ctr (40061121) | 93 | 242 | 350,524 |
| Los Angeles County Department of Health Services (20644) | 93 | 069 | 3,662 |
| Los Angeles County Department of Health Services (DPO-PH-13361566-1) | 99 | RD | 6,122 |
| Los Angeles County Department of Health Services (H-704168-CYC2) | 93 | 889 | 49,101 |
| Los Angeles County Department of Health Services (PH-001733) | 93 | 959 | 8,470 |
| Los Angeles County Department of Health Services (PH-001733:3) | 93 | 243 | 910,735 |
| Los Angeles County Department of Health Services (PH-001967) | 93 | 069 | 47,661 |
| Los Angeles County Department of Health Services (PH-002454-CYC1) | 93 | 074 | 55,493 |
| ARRA-Los Angeles Department of Water and Power (20101392) | 81 | 122 | 874,385 |
| ARRA-Los Angeles Department of Water and Power (20686) | 81 | 122 | 854,563 |
| ARRA-Los Angeles Department of Water and Power (PEPMO-UCLA-PS01) | 81 | 122 | 22,272 |
| Los Angeles Gay and Lesbian Community Services Center, Inc. (2132012) | 93 | 648 | 211,383 |
| Los Angeles Unified School District (20665) | 84 | 366 | 24,523 |
| Louisiana Public Health Institute (LPHI#297) | 93 | 727 | 64,010 |
| Louisiana State University and Agricultural and Mechanical College (1 R01 DK090607-50326-S1) | 93 | 847 | 38,607 |
| Lowy Medical Research Institute Limited (20050584) | 99 | RD | 43,086 |
| Loyola University of Chicago (82483) | 93 | 879 | (209) |
| Lsst Corporation (C44045L) | 47 | 049 | 18,804 |
| Ludwig Institute for Cancer Research (72733) | 93 | RD | 1,778 |
| Ludwig Institute for Cancer Research (SUB 23291-07-360 (ES017166)) | 93 | 113 | 461,228 |
| Ludwig Institute for Cancer Research (SUB 241301-05003 (HD006997)) | 93 | 172 | 292,358 |
| Luminit, LLC (20111404) | 99 | RD | 50,276 |
| Mack Trucks, Inc. (PO 188116-NA1) | 99 | RD | 6,068 |
| Magee-Womens Hospital, Research Institute and Foundation (26.635.653.3301.8806) | 93 | 865 | 164,750 |
| Magee-Womens Hospital, Research Institute and Foundation (33637) | 93 | RD | 17,169 |
| Magee-Womens Hospital, Research Institute and Foundation (57500) | 93 | 865 | 89,725 |
| Magee-Womens Hospital, Research Institute and Foundation (7265) | 93 | 855 | 299,508 |
| Magee-Womens Hospital, Research Institute and Foundation (7267) | 93 | 855 | 196,610 |
| Magee-Womens Hospital, Research Institute and Foundation (7269) | 93 | 865 | 4,850 |
| Magee-Womens Hospital, Research Institute and Foundation (79672) | 93 | 855 | (9,844) |
| Magee-Womens Hospital, Research Institute and Foundation (79874) | 93 | 855 | (4,256) |
| Magee-Womens Hospital, Research Institute and Foundation (79934) | 99 | RD | (11,574) |
| Magee-Womens Hospital, Research Institute and Foundation (9255) | 93 | 855 | 18,721 |
| Magee-Womens Hospital, Research Institute and Foundation (9258) | 93 | 855 | 93,638 |
| Magee-Womens Hospital, Research Institute and Foundation (9259) | 93 | 855 | 35,089 |
| Magee-Womens Hospital, Research Institute and Foundation (UCSF#A119599) | 93 | 855 | 15,581 |
| Magnesensors, Inc. (SUB 3037 (NS077607)) | 93 | 853 | 4,524 |
| Magnolia Solar, Inc. (20130475) | 99 | RD | 113,047 |
| Maine Medical Center (1330002) | 93 | 847 | 7,739 |
| Maine Medical Center (72338) | 93 | 847 | 880 |
| Malin Space Science Systems (12-0256) | 43 | RD | 89,068 |
| Mandala Biosciences, LLC (87473) | 96 | 847 | (1,007) |
| Manpower Demonstration Research Corporation (20081954:03) | 99 | RD | 704 |
| Mapp Biopharmaceutical, Inc. (701501) | 93 | RD | 95,953 |
| Mapp Biopharmaceutical, Inc. (702102) | 93 | RD | 14,064 |
| Marine Biological Laboratories (35557) | 47 | 078 | 87,944 |
| Maritime Applied Physics Corporation (20121389) | 99 | RD | 42,265 |
| Massachusetts Eye and Ear Infirmary (SUB 0R01EY022305-01 (EY022305)) | 93 | 867 | 36,830 |
| Massachusetts General Hospital (012209-04) | 93 | 853 | 42,343 |
| Massachusetts General Hospital (2003A009773/214300) | 93 | 853 | 3,469 |
| Massachusetts General Hospital (20131516) | 93 | 853 | 2,685 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Massachusetts General Hospital (214779) | 93 | 394 | 100,206 |
| Massachusetts General Hospital (216662) | 93 | 242 | 354,610 |
| Massachusetts General Hospital (217120) | 93 | 242 | 897,252 |
| Massachusetts General Hospital (2194455) | 93 | 853 | 323 |
| Massachusetts General Hospital (221115) | 93 | 242 | 92,594 |
| Massachusetts General Hospital (SUB 220879 (CA069246)) | 93 | 395 | 190,452 |
| Massachusetts General Hospital (UCSF#A112842) | 93 | 853 | (13,934) |
| Massachusetts Institute of Technology (21783) | 47 | 074 | 92,267 |
| Massachusetts Institute of Technology (5710002309) | 99 | RD | 180,643 |
| Massachusetts Institute of Technology (5710002359) | 93 | 395 | 82,721 |
| Massachusetts Institute of Technology (5710002516) | 43 | RD | 3,742 |
| Massachusetts Institute of Technology (5710002646) | 12 | 300 | 249,172 |
| Massachusetts Institute of Technology (5710002656) | 47 | 049 | 19,270 |
| Massachusetts Institute of Technology (5710002692) | 93 | 397 | 389,700 |
| Massachusetts Institute of Technology (5710002765) | 81 | 049 | 27,438 |
| Massachusetts Institute of Technology (5710002996) | 12 | 300 | 515,102 |
| Massachusetts Institute of Technology (5710002998) | 12 | 300 | 107,850 |
| Massachusetts Institute of Technology (5710003006) | 47 | 041 | 106,898 |
| Massachusetts Institute of Technology (5710003020:02) | 99 | RD | 169,139 |
| Massachusetts Institute of Technology (5710003028) | 12 | 910 | 135,592 |
| ARRA-Massachusetts Institute of Technology (5710003065) | 11 | 809 | 134,688 |
| Massachusetts Institute of Technology (5710003102) | 93 | 172 | (1,138) |
| Massachusetts Institute of Technology (5710003140) | 81 | 135 | 128,912 |
| Massachusetts Institute of Technology (5710003155) | 47 | 041 | 975,268 |
| Massachusetts Institute of Technology (5710003196) | 43 | 001 | 18,313 |
| Massachusetts Institute of Technology (5710003203) | 12 | RD | 170,024 |
| Massachusetts Institute of Technology (5710003224) | 12 | RD | 205,284 |
| Massachusetts Institute of Technology (5710003258) | 81 | 049 | 140,888 |
| Massachusetts Institute of Technology (5710003316) | 98 | 001 | 39,110 |
| Massachusetts Institute of Technology (7000207336) | 99 | RD | 72,557 |
| Massachusetts Institute of Technology (P07000236273 (NONE)) | 12 | 800 | 126 |
| ARRA-Materials Engineering Associates, Inc. | 93 | 715 | 3,665,602 |
| Mathematica, Inc. (40149S03031) | 93 | 623 | 737 |
| Mathematical Association of America, Inc. (MAA-53609-CYC1) | 47 | 049 | 23,461 |
| Matrix Research, Inc. (UB 20130104 (FA8650-13-M-1556)) | 12 | 800 | 18,389 |
| Maxentric Technologies, LLC (87230) | 12 | 431 | (159) |
| Maxentric Technologies, LLC (SUB 20114613 (NONE)) | 12 | 910 | 66,999 |
| Maxentric Technologies, LLC (SUB 4037 (FA8750-12-C-0191)) | 12 | 800 | 37,448 |
| Mayachitra, Inc. (004969) | 99 | 999 | 96,324 |
| Mayachitra, Inc. (59457) | 93 | 859 | 59 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (1R01AT006515-01) | 93 | 213 | 20,406 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (1R01EB017095-01 REVISED) | 93 | 286 | 13,141 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (1U54CA153605-01) | 93 | 397 | 43,829 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (2R01AR027065-31) | 93 | 846 | 13,892 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (5R01AG034676) | 93 | 866 | 17,721 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (5R01AT006515) | 93 | 213 | 17,188 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (5U10CA149950-02) | 93 | 399 | 8,344 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (63112599) | 93 | 865 | 14 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (63211) | 93 | 855 | 136,225 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (84918) | 93 | 848 | 5 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (PRIME:1R01CA154517-01A1) | 93 | 393 | 133,726 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (PRIME:2UL1RR024150-06) | 93 | 389 | 37,742 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (PRIME1U01HG006379-01) | 93 | 172 | 54,902 |
| ARRA-Mayo Clinic/Mayo Foundation for Medical Education & Research (PRIME5R01DA014577) | 93 | 701 | 9,886 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (R01 CA140286) | 93 | 393 | 92,634 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (R01DK034238) | 93 | 847 | 30,025 |
| ARRA-Mayo Clinic/Mayo Foundation for Medical Education & Research (SUB 90TR0002/01 (NONE) ARRA) | 93 | 728 | 182,124 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (SUB MAYO CLINIC (NS044233)) | 93 | 853 | 275,246 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (SUB NONE (HD031476)) | 93 | 865 | 126,097 |
| Mayo Clinic/Mayo Foundation for Medical Education & Research (UCSF#A119104) | 93 | 855 | 96,083 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Mbio Diagnostics, Inc. (87409) | 93 | 856 | 15 |
| Mbio Diagnostics, Inc. (SUB 20120488 (AI07052)) | 93 | 855 | 173,266 |
| Mbio Diagnostics, Inc. (SUB NONE (AI068543)) | 93 | 855 | 48,268 |
| Mbio Diagnostics, Inc. (SUB NONE (AI96189)) | 93 | 855 | 266,115 |
| McGill University (215686_PRIME-06RENEWAL) | 93 | 847 | 82,971 |
| McGill University (OCC#2008-263) | 93 | RD | 3,395 |
| McLaughlin Research Institute for Biomedical Sciences (84851) | 93 | 853 | (4,900) |
| McLaughlin Research Institute for Biomedical Sciences (84883) | 93 | 853 | (2,769) |
| McMaster University (8-49462) | 93 | 856 | 13,573 |
| Mcneese State University (NSF-1065334-SUB-002) | 47 | 075 | 38,054 |
| Medical College of Wisconsin (1279288) | 93 | 837 | 5,271 |
| Medical College of Wisconsin (20102467) | 93 | 853 | 69,316 |
| ARRA-Medical College of Wisconsin (87423) | 93 | 701 | 2,354 |
| Medical College of Wisconsin (SC-13-04) | 93 | 859 | 27,199 |
| Medical College of Wisconsin (SUB NONE (DK088831)) | 93 | 849 | 185,990 |
| Medical College of Wisconsin (SUB NONE (GM094503)) | 93 | 859 | 153,973 |
| Medical College of Wisconsin (SUB NONE (HL096647)) | 93 | 837 | 14,459 |
| Medical College of Wisconsin (UCSF#A112693) | 93 | 838 | 201,547 |
| Medical College of Wisconsin (UCSF#A116284) | 93 | 837 | 110,037 |
| Medical University of Ohio at Toledo (N2009-52-CYC4) | 93 | 389 | 266,855 |
| Medical University of South Carolina (MUSC08-073) | 93 | 853 | 9,717 |
| Medical University of South Carolina (MUSC09-114) | 93 | 839 | 35,864 |
| Memorial Hospital of Rhode Island (108-864MARCUS) | 93 | 847 | 44,612 |
| Memorial Sloan-Kettering Cancer Center (72887) | 93 | RD | 26,540 |
| ARRA-Memorial Sloan-Kettering Cancer Center (ARRABD513229) | 93 | 701 | 9,763 |
| Memorial Sloan-Kettering Cancer Center (BD513517) | 93 | 394 | 29,020 |
| Memorial Sloan-Kettering Cancer Center (BD514435) | 93 | RD | 62,882 |
| Memorial Sloan-Kettering Cancer Center (BD514671-CYC1) | 93 | 395 | 17 |
| Memorial Sloan-Kettering Cancer Center (SK#18456) | 99 | RD | 11 |
| Memorial Sloan-Kettering Cancer Center (UCSF#A121300) | 93 | 394 | 29,447 |
| Merck & Co., Inc. (87946) | 93 | RD | 56,878 |
| Meso Scale Discovery (MSD002525) | 99 | RD | 21,926 |
| Metabolic Nutritionals (UCSF#A118553) | 93 | 865 | 219,392 |
| ARRA-Methodist Hospital Research Institute, The (6744-002) | 93 | 701 | 323,199 |
| ARRA-Methodist Hospital Research Institute, The (95019) | 93 | 701 | (90) |
| Metis Design Corporation (B 2011-3553 (N00014-11-C-0492)) | 12 | 300 | 47,587 |
| Metropolitan Transportation Commission (030593) | 20 | 200 | 506,368 |
| Metropolitan Water Dist of So California (005990) | 15 | 530 | 5,791 |
| Metropolitan Water Dist of So California (130646) | 15 | 530 | 9,900 |
| Metropolitan Water Dist of So California (130724) | 15 | 530 | 9,598 |
| Metropolitan Water District of Southern California (005972) | 15 | 530 | 10,000 |
| Michigan Public Health Institute (N-98110-115-504200) | 99 | RD | 1,073 |
| Michigan State University (20098560605673) | 10 | 310 | 241,995 |
| Michigan State University (61-3212C) | 81 | 049 | 90,134 |
| Michigan State University (61-3383E) | 66 | 509 | 21,053 |
| Michigan State University (614296L) | 10 | 309 | 26,922 |
| ARRA-Michigan State University (RC060945UCB) | 93 | 701 | 82,307 |
| Michigan State University (RC062075UCI-CYC1) | 47 | 074 | 33,245 |
| Michigan State University (RC062408UCLA) | 47 | 076 | 7,503 |
| Michigan State University (RC100173UCI-CYC2) | 93 | 395 | 41,405 |
| Michigan State University (RC102039H) | 10 | 309 | 14,763 |
| Michigan State University (RC102039I) | 10 | 309 | 110,453 |
| Michigan State University (SUB RC101496UCSD (NS074409)) | 93 | 853 | 38,824 |
| Michigan Technological University (59981) | 81 | 049 | 14,420 |
| Microbiotix, Inc. (032804) | 93 | 855 | 96,002 |
| Microbiotix, Inc. (5 R43 AI088854-02) | 93 | 855 | 8,427 |
| Microelectronics Advanced Research Corporation (004526) | 99 | 999 | 14,824 |
| Microelectronics Advanced Research Corporation (2009-NT-2048) | 99 | RD | 1,305,053 |
| Microelectronics Advanced Research Corporation (2009-NT-2048) | 12 | 910 | 80,624 |
| Microelectronics Advanced Research Corporation (20132123) | 99 | RD | 49,762 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Microelectronics Advanced Research Corporation (2013-MA-2382) | 99 | RD | 864,021 |
| Microelectronics Advanced Research Corporation (2013-MA-2386) | 12 | 910 | 1,066,149 |
| Microelectronics Advanced Research Corporation (59443) | 12 | 910 | 45,233 |
| Microelectronics Advanced Research Corporation (59448) | 12 | 910 | 34,012 |
| Microelectronics Advanced Research Corporation (SUB SA7002 (2009-BT-2052)) | 12 | RD | 179,591 |
| Microskia, Inc. (20112768) | 93 | 286 | 14,327 |
| Microxact Incorporated (02-01_AFOSRMEMR) | 12 | 800 | 182,881 |
| Microxact Incorporated (59469) | 12 | 800 | 3,244 |
| Microxact, Inc. (02-02 AFOSRIP/UCLA) | 99 | RD | 139,004 |
| Microxact, Inc. (02-02_AFOSRIP/UCI-CYC1) | 12 | 800 | 33,315 |
| Midwest Research Inst (XEU-2-22057-01) | 81 | RD | 37,681 |
| Minneapolis Medical Research Foundation (UCSF#A116842) | 93 | RD | 35,165 |
| Miriam Hospital, The (710-9820) | 93 | 847 | 14,682 |
| Miriam Hospital, The (SUB 710-9868 (HL109116)) | 93 | 837 | 35,753 |
| Miriam Hospital, The (SUB 710-9894 (CA162985)) | 93 | 393 | 19,221 |
| Miriam Hospital, The (SUB 710-9907 (AT006948)) | 93 | 213 | 25,109 |
| Mission Economic Development Agency (ED-001) | 84 | 215 | 53,505 |
| Mississippi State University (201016616) | 10 | 200 | 37,518 |
| Mitre Corporation, The (SUB 97734 (NONE)) | 13 | RD | 119,827 |
| Molecular Express (4R42CA110222-02) | 93 | RD | 15,016 |
| Molecular Imaging Corporation(acquired) (MI-48579-CYC3) | 93 | 389 | 51,278 |
| Molecular Imaging Corporation(acquired) (MI-50912-CYC1) | 93 | 859 | 196,489 |
| Montana State University (G16311W3270) | 81 | 049 | 59,766 |
| Montefiore Medical Center (UCSF#A112555) | 93 | RD | 28,024 |
| Monterey Bay Aquarium Research Institute (0811146) | 11 | 473 | 4,643 |
| Monterey Bay Aquarium Research Institute (0811210) | 11 | 473 | 2,877 |
| Monterey Bay Aquarium Research Institute (1010543) | 12 | 300 | 121,554 |
| Monterey Bay Aquarium Research Institute (1110725-002) | 81 | 049 | 180,952 |
| Monterey Bay Aquarium Research Institute (1111340) | 11 | 012 | 209,763 |
| Monterey Bay Aquarium Research Institute (59906) | 11 | 473 | 9,065 |
| Monterey Bay Aquarium Research Institute (PO 1111252-02) | 11 | 012 | 60,135 |
| Monterey Bay Aquarium Research Institute (PO-1111249:02) | 11 | 012 | 48,526 |
| Morgridge Institute for Research (D12-J0053) | 93 | 837 | 125,881 |
| Mount Sinai School of Medicine (025498914609) | 93 | 866 | 493,966 |
| Mount Sinai School of Medicine (025499214609) | 93 | 866 | 308,430 |
| Mount Sinai School of Medicine (0255-1356-4609) | 93 | 855 | 15,911 |
| Mount Sinai School of Medicine (025523014609) | 93 | 855 | 20,204 |
| Mount Sinai School of Medicine (0255-3341-4609-CYC3) | 93 | 866 | 8,664 |
| Mount Sinai School of Medicine (0255-3831-4609) | 93 | 847 | 157,101 |
| Mount Sinai School of Medicine (0255-4391-4609) | 93 | 113 | 119,701 |
| Mount Sinai School of Medicine (0255-5001-4609) | 93 | 847 | 103,940 |
| ARRA-Mount Sinai School of Medicine (0256-9131-4609) | 93 | 701 | 84,670 |
| Mount Sinai School of Medicine (025835614609) | 93 | RD | 696,819 |
| Mount Sinai School of Medicine (58052) | 93 | 855 | 91,691 |
| Mount Sinai School of Medicine (80096) | 93 | 242 | 993 |
| Mount Sinai School of Medicine (SUB 0255-4221-4609(CA158914)) | 93 | 395 | 67,947 |
| Mpr Associates, Inc. (UCOP-TES-3475-16) | 84 | RD | 2,722 |
| Mt. San Antonio College (MSAC-54275-CYC1) | 47 | 076 | 10,000 |
| Mtpv, LLC (1113125) | 47 | 041 | (5,000) |
| Multiplex, Inc. (SUB 20104675 (FA9435-10-C-000) | 12 | 800 | 23,315 |
| Nanjing Medical University (NJMU-1322-CYC1) | 93 | 855 | 9,019 |
| Nanocomposix, Inc. (20095159) | 99 | RD | 88,759 |
| Nanocomposix, Inc. (20112402) | 99 | RD | 10,934 |
| Nanocomposix, Inc. (20124459 (NONE)) | 12 | 800 | 30,359 |
| Nanocomposix, Inc. (83330) | 93 | RD | 1,067 |
| Nanocomposix, Inc. (SUB 7035-01(HHSN261201100098C)) | 93 | RD | 62,688 |
| Nanosort, LLC (20113506 (RR 032225)) | 93 | 389 | 107,642 |
| Nanosort, LLC (87914) | 93 | 395 | (133) |
| Nanosort, LLC (9R44GM103677-02) | 93 | 859 | 99,895 |
| Nanosort, LLC (SUB NONE (HHSN261201200072C)) | 93 | 395 | 53,912 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| National Academies (23789) | 20 | RD | 56,536 |
| National Academies (PGA-P210946 (S-LMAQM-08GR-071)) | 19 | RD | 93,395 |
| National Academy of Sciences (PGAP210947) | 98 | RD | 68,512 |
| National Bureau of Economic Research, Inc. (23184) | 47 | 075 | 12,258 |
| National Bureau of Economic Research, Inc. (30-3498-00-0-79-688-7700) | 47 | 075 | 13,990 |
| National Bureau of Economic Research, Inc. (303570000796887700) | 47 | 075 | 13,971 |
| National Bureau of Economic Research, Inc. (33238) | 47 | 075 | 55,676 |
| National Bureau of Economic Research, Inc. (33-4135-06-UCB) | 93 | 866 | 101,327 |
| National Bureau of Economic Research, Inc. (33-4144-UCSF) | 93 | 837 | 15,240 |
| National Bureau of Economic Research, Inc. (84-4008-01-4/UCLA) | 93 | 866 | 127,572 |
| National Bureau of Economic Research, Inc. (88783) | 47 | RD | 8,938 |
| National Bureau of Economic Research, Inc. (UCSF#A120045) | 93 | 866 | 21,972 |
| National Bureau of Economic Research, Inc. (UCSF-33-4118-08) | 93 | RD | (10,206) |
| National City School District (CT2791) | 84 | RD | 3,393 |
| National Council for Science and the Environment (0929109) | 47 | 076 | (928) |
| National Council for Science and the Environment (200910577) | 47 | RD | 88,975 |
| ARRA-National Development and Research Institutes, Inc. (612B) | 93 | 701 | (875) |
| National Development and Research Institutes, Inc. (NDRI#626A) | 93 | 393 | 179,204 |
| National Eczema Association (201300406) | 45 | RD | 2,194 |
| National Fish and Wildlife Foundation (010212030630) | 15 | 608 | 26,000 |
| National Fish and Wildlife Foundation (010312030614) | 10 | 683 | 14,580 |
| National Fish and Wildlife Foundation (0104.10.036436) | 15 | 663 | 99,494 |
| National Fish and Wildlife Foundation (0901.12.031600) | 10 | 683 | 39,666 |
| National Fish and Wildlife Foundation (2011008700025793) | 15 | 633 | 11,208 |
| National Fish and Wildlife Foundation (31163) | 15 | 602 | (96) |
| National Fish and Wildlife Foundation (63081) | 11 | 008 | 9,338 |
| National Fish and Wildlife Foundation (63154) | 15 | 658 | 4,660 |
| National Fish and Wildlife Foundation (63213) | 11 | 463 | 13,432 |
| National Fish and Wildlife Foundation (84888) | 10 | 683 | 443 |
| National Institute of Aerospace Associates (6302-UCI-CYC1) | 43 | RD | 38,584 |
| National Institute of Aerospace Associates (X10-8049-C) | 12 | RD | 173,556 |
| National Institute of Aerospace Associates (X13-7143-UCLA) | 43 | 001 | 2,036 |
| National Jewish Health (20093678:01) | 99 | RD | 185,974 |
| National Jewish Medical and Research Center (SUB (HHSN272201000020C)) | 93 | RD | 629,701 |
| National Jewish Medical and Research Center (SUB NONE (HL089897)) | 93 | 839 | 184,535 |
| National Marrow Donor Program (82537) | 93 | 839 | 35,307 |
| National Marrow Donor Program (PO#202772) | 12 | RD | 120,125 |
| National Marrow Donor Program (PO#202804) | 12 | 300 | 36,828 |
| National Marrow Donor Program (UCSF#A111930) | 93 | RD | 59,909 |
| National Opinion Research Center (5845-UCLA) | 93 | 866 | 22,474 |
| National Security Technologies, LLC (124560) | 99 | RD | 21,916 |
| National Space Biomedical Research Institute (59700) | 99 | RD | 31,670 |
| National Space Biomedical Research Institute (82087) | 43 | RD | 20,928 |
| National Space Biomedical Research Institute (BL01301) | 43 | RD | (412) |
| National Space Biomedical Research Institute (MA01601-CYC6) | 43 | RD | 12,082 |
| National Space Biomedical Research Institute (MA01603) | 43 | RD | 3,530 |
| National Space Biomedical Research Institute (MA02501-CYC1) | 43 | 002 | 69,432 |
| National Space Biomedical Research Institute (MA02801-CYC1) | 43 | RD | 34,976 |
| National Space Biomedical Research Institute (SUB HFP01604 (NCC 9-58-127)) | 43 | RD | 41,198 |
| National Space Biomedical Research Institute (SUB NONE (CA00001)) | 43 | RD | 32,228 |
| National Trauma Institute (NTI-NCH-10-016) | 12 | 420 | 55,706 |
| National Trauma Institute (NTI-NCH-10-033) | 12 | 420 | 158,509 |
| National Trauma Institute (NTI-TRA-09-034) | 12 | 420 | 63,747 |
| National Trauma Institute (SUB NTI-NCH-10-020B (W81XWH-1) | 12 | 420 | 12,122 |
| National Writing Project (59718) | 84 | 367 | 18,187 |
| National Writing Project (92-CA06-SEED2012-CYC1) | 84 | 367 | 40,000 |
| National Writing Project (92-CA07-SEED2012) | 84 | 367 | 30,330 |
| Nationwide Children's Hospital (07004544) | 93 | 173 | 30,870 |
| Nationwide Children's Hospital (3000744-13-06:01) | 93 | 865 | 30,206 |
| Nationwide Children's Hospital (719111-CYC1) | 93 | 173 | 8,557 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA

Schedule of Expenditures of Federal Awards

For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Nationwide Children's Hospital (735611 (AR060949)) | 93 | 846 | 196,539 |
| Nationwide Children's Hospital (UCSF#A113629) | 93 | 847 | 78,869 |
| Nature Conservancy (33922) | 11 | 463 | 12,896 |
| Nature Conservancy (63187) | 12 | RD | (825) |
| Navatek, Ltd. (SUB SCN07458 (N0004-12-C-0033)) | 12 | 300 | 15,905 |
| Nei Corporation (SUB 20102596 (NNX10CB59C)) | 48 | RD | 16,904 |
| Neuren Pharmaceuticals, Inc. (200911460) | 12 | RD | 65,056 |
| Neuro Kinetics, Inc. (20072728) | 93 | 867 | 68,356 |
| Neurobehavioral Research, Inc. (20130300) | 99 | RD | 33,354 |
| Neurocog Trials, Inc. (SUB 20120317 (MH084240)) | 93 | 242 | 46,230 |
| Neurosigma, Inc. (2010-4775) | 93 | 853 | 110,158 |
| Nevada Institute for Renewable Energy Commercialization (201222930) | 81 | RD | 14,907 |
| Nevada System of Higher Education (59640) | 47 | 041 | (164) |
| Nevada System of Higher Education (656.9011) | 43 | RD | 15,203 |
| Nevada System of Higher Education (84548) | 93 | RD | 7,693 |
| Nevada System of Higher Education (UNR-09-12) | 93 | 398 | 793 |
| Nevada System of Higher Education (UNR-11-67) | 47 | 041 | 477 |
| Nevada System of Higher Education (UNR1251) | 98 | 001 | 52,796 |
| New England Medical Center, Inc. (84755) | 93 | 846 | (425) |
| New England Medical Center, Inc. (UCSF#A120554) | 93 | 226 | 45,892 |
| New England Research Institute, Inc. (200911431) | 93 | RD | 270 |
| New England Research Institute, Inc. (SUB 141 (DK58234)) | 93 | 849 | 1,144 |
| New England Research Institute, Inc. (SUB NONE (DK058229)) | 93 | 847 | 29,195 |
| ARRA-New England Research Institute, Inc. (SUB NONE (HL62870)) | 93 | 837 | 48,661 |
| New England Research Institute, Inc. (UCSF#A114555) | 93 | 847 | 10,138 |
| New Mexico Consortium, Inc. (NSF0001) | 99 | RD | 21,866 |
| New Mexico Consortium, Inc. (SUB NMC158-01 (GM105608)) | 93 | 859 | 1,497 |
| New Mexico State University (005375) | 10 | 200 | 20,145 |
| New Profit, Inc. (DESTINATION for NATIONAL and C) | 94 | 019 | 258,195 |
| New York University (004972) | 47 | 082 | 2,064 |
| New York University (005163) | 93 | 865 | 8,000 |
| New York University (005857) | 93 | 859 | 33,120 |
| New York University (09-0497) | 43 | RD | 455,775 |
| New York University (09-1760_PROJECT#000881) | 93 | 999 | 414 |
| New York University (10-00903) | 93 | 242 | 38,490 |
| New York University (10-00904 PROJECT#01094) | 12 | 420 | 106,206 |
| New York University (10-02142) | 12 | 420 | 4,773 |
| New York University (11-01935) | 12 | 420 | 96,927 |
| New York University (11-02093) | 93 | 999 | 75,939 |
| New York University (63242) | 47 | 082 | 168,309 |
| New York University (83257) | 93 | 242 | (1,252) |
| New York University (F6489-01-CYC4) | 93 | 855 | 23,873 |
| New York University (F7112-01) | 12 | 300 | 54,358 |
| New York University (SUB 09-0281 (AI084119)) | 93 | 856 | 76,051 |
| New York University (SUB F6533 (MCB-0929338)) | 47 | 074 | 90,122 |
| Nextgen Aeronautics (12-09) | 12 | 300 | 26,369 |
| Nextgen Aeronautics (87115) | 12 | 300 | 56 |
| Noblis, Inc. (SUB 33037 (GS-10F-0189T)) | 93 | 918 | 2,954 |
| Nokia Corporation (033983) | 12 | 300 | 569,527 |
| North Carolina State University (2008-0592-01-CYC5) | 93 | 286 | 50,724 |
| North Carolina State University (2009-1380-01-CYC5) | 11 | 440 | 90,867 |
| North Carolina State University (2010145401) | 47 | 074 | 134,487 |
| North Carolina State University (2010154401) | 93 | 855 | 21,461 |
| North Carolina State University (SUB NONE (GM093939)) | 93 | 859 | 142,834 |
| North Dakota University System (154442) | 47 | RD | 344,739 |
| North Dakota University System (FAR0014507) | 81 | 999 | 36,349 |
| North Dakota University System (FAR00155259) | 10 | 310 | 126,539 |
| North Pacific Research Board (1217) | 11 | 472 | 64,593 |
| North Pacific Research Board (1218) | 11 | 472 | 10,787 |
| North Shore-Long Island Jewish Health System (71342) | 93 | 173 | (14,116) |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| North Shore-Long Island Jewish Health System (UCL1-01-NON-ARRA) | 99 | RD | 18,913 |
| North Shore-Long Island Jewish Health System (UCL2-01-NON-ARRA) | 99 | RD | 23,363 |
| Northeastern University (503340) | 12 | 300 | 107,647 |
| Northern California Institute for Research and Education, Inc. (1362-001) | 93 | 866 | 148,998 |
| ARRA-Northern California Institute for Research and Education, Inc. (1454) | 93 | 701 | 185,116 |
| ARRA-Northern California Institute for Research and Education, Inc. (1455) | 93 | 701 | (18,038) |
| ARRA-Northern California Institute for Research and Education, Inc. (1457) | 93 | 701 | (15,200) |
| Northern California Institute for Research and Education, Inc. (15212) | 93 | 866 | 9,453 |
| Northern California Institute for Research and Education, Inc. (1569) | 93 | 866 | 21,022 |
| Northern California Institute for Research and Education, Inc. (1570) | 93 | 866 | 119,712 |
| Northern California Institute for Research and Education, Inc. (1572) | 93 | 866 | 253,748 |
| Northern California Institute for Research and Education, Inc. (1577:01) | 93 | 866 | 428,409 |
| Northern California Institute for Research and Education, Inc. (1679) | 12 | RD | 1,489 |
| Northern California Institute for Research and Education, Inc. (1680) | 12 | RD | 13,325 |
| Northern California Institute for Research and Education, Inc. (1681) | 12 | 420 | 11,520 |
| Northern California Institute for Research and Education, Inc. (32899) | 93 | 866 | 286,064 |
| Northern California Institute for Research and Education, Inc. (82342) | 93 | RD | 1,363 |
| Northern California Institute for Research and Education, Inc. (82900) | 93 | 853 | 10,993 |
| ARRA-Northern California Institute for Research and Education, Inc. (83256) | 93 | 701 | (266) |
| ARRA-Northern California Institute for Research and Education, Inc. (ARRA1451) | 93 | 701 | 61,478 |
| Northern California Institute for Research and Education, Inc. (FORD1304) | 93 | 242 | (4,789) |
| ARRA-Northern California Institute for Research and Education, Inc. (SUB 1448 (AG036535) ARRA) | 93 | 701 | (397,690) |
| Northern California Institute for Research and Education, Inc. (SUB 1566 (AG024904)) | 93 | 866 | 9,181,428 |
| Northern California Institute for Research and Education, Inc. (SUB 1677 (W81XWH-12-2-0012)) | 12 | RD | 115,968 |
| ARRA-Northern California Institute for Research and Education, Inc. (UCSD-49677-CYC2) | 93 | 701 | 79,466 |
| ARRA-Northern California Institute for Research and Education, Inc. (UCSF#A115633) | 93 | 701 | (137,363) |
| Northern California Institute for Research and Education, Inc. (UCSF#A121574) | 93 | 866 | 11,506 |
| Northern California Institute for Research and Education, Inc. (VIN1245B) | 93 | 242 | 3,579 |
| Northern California Institute for Research and Education, Inc. (WONG1643) | 93 | 855 | 18,294 |
| Northrop Grumman Corporation (7500035517) | 93 | RD | 30,417 |
| Northrop Grumman Corporation (7600005024) | 12 | 910 | 387,855 |
| Northrop Grumman Corporation (814000071) | 12 | RD | 115,164 |
| Northrop Grumman Corporation (PO 7600007220) | 99 | RD | 93,972 |
| Northrop Grumman Corporation (PO#8140000703) | 99 | RD | 517,887 |
| Northshore University Healthsystem Research Inst (EH06-201-S8) | 99 | RD | (6,886) |
| Northwestern University (0600-370-F383-UCSF) | 93 | 846 | 8,096 |
| Northwestern University (1R01CA16404101) | 93 | 393 | 13,162 |
| Northwestern University (1R01DA033773-01) | 93 | 279 | 34,538 |
| Northwestern University (60024957 UCLA) | 93 | 855 | 125,041 |
| Northwestern University (60025081 UCLA/60029442 UCLA) | 93 | 846 | 84,170 |
| Northwestern University (60028536 UCLAA01) | 93 | 837 | 41,061 |
| Northwestern University (60029078) | 93 | RD | 68,555 |
| Northwestern University (60029273 UCU-CYC4) | 93 | 233 | 45,228 |
| Northwestern University (60029589) | 93 | 847 | 4,451 |
| Northwestern University (60029591UCSF) | 93 | 859 | 31,179 |
| Northwestern University (60031384) | 93 | 279 | 90,098 |
| Northwestern University (60032241 UCI-CYC1) | 93 | 865 | 11,754 |
| ARRA-Northwestern University (87830) | 93 | 701 | (17) |
| Northwestern University (CNV0055224-PROJ0000253:5) | 81 | 049 | 204,840 |
| Northwestern University (DESC0001271) | 81 | 049 | 480,970 |
| Northwestern University (SP0003300-PROJ0001850:04) | 81 | 087 | 147,202 |
| Northwestern University (SP0009801-PROJ0002728) | 47 | 076 | 123,976 |
| Northwestern University (SP0020412PROJ0005157) | 12 | 910 | 64,575 |
| Northwestern University (SP10719/PROJ0002996-CYC2) | 93 | 286 | 197,557 |
| Nova Scientific, Inc. (UCB 111912) | 93 | 859 | 23,528 |
| Novafloa, Inc. (33232) | 10 | 212 | 29,445 |
| Novo Nordisk Co. (83158) | 93 | 847 | (875) |
| Nsabp Foundation, Inc. (12077) | 93 | 399 | 8,491 |
| Nsabp Foundation, Inc. (20104756) | 93 | 395 | 35,628 |
| Nsabp Foundation, Inc. (57462) | 93 | 399 | 1,114 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Nsabp Foundation, Inc. (TFED41AMEND 06) | 93 | 395 | 24,528 |
| Nsabp Foundation, Inc. (TFED41S2-710-CYC1) | 93 | 395 | 54,701 |
| Nsabp Foundation, Inc. (UCLA-YR27) | 93 | 399 | 282,406 |
| Nutronics, Inc. (57215) | 99 | RD | 13,093 |
| Nvidia Corporation (54140518) | 12 | RD | 109,760 |
| Oak Ridge National Laboratory (005903) | 81 | 999 | 411,498 |
| Oak Ridge National Laboratory (005934) | 99 | 999 | 14,604 |
| Oak Ridge National Laboratory (4000019437) | 81 | 049 | 101 |
| Oak Ridge National Laboratory (4000063616) | 81 | 087 | 153,627 |
| Oak Ridge National Laboratory (4000068439) | 81 | RD | 118,095 |
| Oak Ridge National Laboratory (4000069422) | 81 | RD | 76,369 |
| Oak Ridge National Laboratory (4000069952) | 81 | RD | 18,050 |
| Oak Ridge National Laboratory (4000077731) | 81 | RD | 436 |
| Oak Ridge National Laboratory (4000089378) | 81 | RD | 83,223 |
| Oak Ridge National Laboratory (4000090817) | 81 | RD | 53,049 |
| Oak Ridge National Laboratory (4000092665:4) | 99 | RD | 100,289 |
| Oak Ridge National Laboratory (4000100283) | 81 | RD | 93,552 |
| Oak Ridge National Laboratory (4000101858-CYC1) | 81 | RD | 38,086 |
| Oak Ridge National Laboratory (4000102856) | 81 | RD | 82,665 |
| Oak Ridge National Laboratory (4000103205) | 81 | RD | 13,349 |
| Oak Ridge National Laboratory (4000112159) | 81 | RD | 68 |
| Oak Ridge National Laboratory (4000113881) | 99 | RD | 15,000 |
| Oak Ridge National Laboratory (4000114432) | 12 | RD | 38,063 |
| Oak Ridge National Laboratory (4000115527) | 81 | RD | 54,661 |
| Oak Ridge National Laboratory (4000115624) | 81 | RD | 50,000 |
| Oak Ridge National Laboratory (SUB 4000087891 (DE-AC05-00OR2)) | 81 | RD | 37,298 |
| Objectvideo, Inc. (20111767001) | 99 | RD | 136,903 |
| Objectvideo, Inc. (SUB 043013 (FA8650-12-C-7212)) | 12 | 910 | 29,860 |
| Ocean Associates (87645) | 14 | 437 | 20,387 |
| Oct Medical Imaging, Inc. (78082) | 12 | 420 | 92 |
| Oct Medical Imaging, Inc. (OCT-49580-CYC3) | 93 | 389 | 85,587 |
| Oewaves (201222306) | 12 | RD | 26,600 |
| Ohio State University (60023182) | 98 | 001 | 5,255 |
| Ohio State University (60025704/RF0119559203) | 43 | 002 | 30,828 |
| Ohio State University (60028080) | 93 | 866 | 170,174 |
| Ohio State University (60028980) | 93 | 837 | 13,926 |
| Ohio State University (60029134UCLA:01) | 93 | 859 | 46,762 |
| Ohio State University (735818) | 12 | 431 | 23,725 |
| Ohio State University (87297) | 93 | 395 | (8,798) |
| Ohio State University (GRT00022525-CYC1) | 20 | 205 | 588 |
| Ohio State University (N660011114090) | 12 | 910 | 84,447 |
| Ohio State University (PROJECT NO. 60018554) | 47 | 049 | 82,539 |
| Ohio State University (RF01207236) | 10 | 680 | 22,099 |
| Ohio State University (RF01228545) | 47 | 041 | 67,710 |
| Ohio State University (RF01234341) | 47 | 079 | 50,411 |
| Ohio State University (SUB 60027698 (GM092655)) | 93 | 859 | 15,928 |
| Ohio University (SUB NONE (DC010883)) | 93 | 173 | 143,011 |
| Oklahoma Medical Research Foundation (20083092) | 93 | 855 | 127,564 |
| Oklahoma Medical Research Foundation (200940322) | 93 | 847 | 47,822 |
| Oklahoma Medical Research Foundation (59928) | 93 | 855 | 210 |
| Oklahoma Medical Research Foundation (UCSF#A113499) | 93 | 855 | 93,635 |
| Oklahoma State University (AA-5-30220) | 47 | 082 | 42,284 |
| Oklahoma State University (AA-5-31560) | 47 | 082 | 28,435 |
| Oklahoma State University (AB-5-67090.UCR) | 10 | 303 | 103,956 |
| Oklahoma State University (AB567090UCD) | 10 | 303 | 1,766 |
| Old Dominion University Research Foundation (09-165-371981) | 47 | 079 | 107,152 |
| Omega-P, Inc. (20091555 (DE-SC000-1676)) | 81 | RD | 14,088 |
| Omega-P, Inc. (78681) | 81 | RD | 3 |
| Oncoimmune, Inc. (201118952) | 93 | 855 | 13,821 |
| Open Source Medical Software Corporation (SUB HHSN268201100035C-S3 (HHS)) | 93 | 839 | 71,693 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Optimal Synthesis, Inc. (201223365) | 43 | 001 | 30,480 |
| Optivia Biotechnology, Inc. (UCSF#A117619) | 93 | 859 | 114,264 |
| Opto-Knowledge Systems, Inc. (20104995) | 43 | RD | 42,611 |
| Opto-Knowledge Systems, Inc. (87600) | 43 | 002 | 25,834 |
| Oracle Corporation (SUB US1104778 (NONE)) | 12 | 910 | 38,490 |
| Orange County (MA-042-120-10831-CYC1) | 93 | 940 | 75,401 |
| Orange County Department of Education (36275-CYC2) | 84 | 215 | 81,260 |
| Oregon Health Sciences University (1002302UCDAVIS) | 93 | RD | 71,419 |
| Oregon Health Sciences University (1P01AI094417) | 93 | 855 | 384,036 |
| Oregon Health Sciences University (32849) | 93 | 393 | 8,945 |
| Oregon Health Sciences University (79553) | 93 | 837 | 2,464 |
| Oregon Health Sciences University (9006761UCD) | 93 | 855 | 138,760 |
| Oregon Health Sciences University (9007923UCD) | 93 | 394 | 19,708 |
| Oregon Health Sciences University (9008718_UCB) | 93 | 397 | 137,580 |
| Oregon Health Sciences University (9008718_UCSF) | 93 | 397 | 247,594 |
| Oregon Health Sciences University (9008718_UCSF_4) | 93 | 397 | 500,260 |
| Oregon Health Sciences University (9008723) | 93 | 397 | 372,313 |
| Oregon Health Sciences University (9009028_UCLA) | 93 | 865 | 24,328 |
| Oregon Health Sciences University (ABNEU0202-CYC3) | 93 | 279 | 220,096 |
| Oregon Health Sciences University (APULM0142-UCSF) | 93 | RD | 64,945 |
| Oregon Health Sciences University (GCROE0137A) | 93 | 113 | 179,937 |
| Oregon Health Sciences University (GMEDG0111AUC) | 93 | 395 | 15,850 |
| Oregon Health Sciences University (GMEDG0149A_UCB) | 93 | 394 | 100,000 |
| Oregon Health Sciences University (GPEDC0036A SAHN) | 93 | 837 | 7,574 |
| Oregon Health Sciences University (GPEDC0036ASAHN) | 93 | 837 | 109,799 |
| Oregon Health Sciences University (GPHPM0183A_UCSF) | 93 | 279 | 57,899 |
| Oregon Health Sciences University (GVGT10103R1) | 93 | 895 | 167,726 |
| Oregon Health Sciences University (R25OD010496) | 93 | 351 | 39,557 |
| Oregon Health Sciences University (SUB 1002383 (DC012938) | 93 | 173 | 8,736 |
| Oregon Health Sciences University (SUB GEDCN02441A (DK083675)) | 93 | 847 | 19,579 |
| Oregon Health Sciences University (SUB NONE (OD011883)) | 93 | 853 | 270,214 |
| Oregon Social Learning Center (004495) | 93 | 865 | 80,953 |
| Oregon State University (005410) | 20 | 781 | 83,346 |
| Oregon State University (C0358AD) | 10 | 303 | 984 |
| Oregon State University (C0414CC) | 10 | 310 | 71,215 |
| Oregon State University (C0423BD) | 10 | 309 | 91,780 |
| Oregon State University (C0423B-E) | 10 | 309 | 106,862 |
| Oregon State University (C0428AB) | 10 | 200 | (2,513) |
| Oregon State University (C0452AA) | 10 | 200 | 35,712 |
| Oregon State University (NA2233-C) | 11 | 417 | 13,046 |
| Oregon State University (NS225A-A) | 43 | RD | 5,526 |
| Oregon State University (NS235A-A) | 43 | 001 | 60,602 |
| Oregon State University (RM100A-A) | 12 | RD | 243,522 |
| Oregon State University (S1315A-B) | 47 | 079 | 51,698 |
| Oregon State University (S1343H-A) | 47 | 050 | 59,442 |
| Oregon State University (S1364A-A) | 47 | 050 | 66,665 |
| Oregon State University (S1412A-B) | 47 | 049 | 118,597 |
| Oregon State University (S1412AC) | 47 | 049 | 135,144 |
| ARRA-Osel, Inc. (UCSF#A114109) | 93 | 855 | 124,709 |
| Out of the Fog Research, LLC (UB 20132552 (FA9550-13-C-0018)) | 12 | 800 | 63,091 |
| Outcome Sciences, Inc. (201118999) | 93 | RD | 9,070 |
| ARRA-Outcome Sciences, Inc. (DECIDE ID:62-EHC) | 93 | 715 | 35,870 |
| Outcome Sciences, Inc. (DECIDE:62-EHC) | 93 | 715 | 91,684 |
| Pacific Development and Technology, LLC (20110828) | 99 | RD | 54,936 |
| Pacific Health Research and Education Institute (PHREI-21001-03) | 93 | 847 | 9,860 |
| Pacific Institute for Research and Evaluation (0586) | 93 | 242 | 19,170 |
| Pacific Institute for Research and Evaluation (20102684:3) | 93 | 273 | 40,307 |
| Pacific Institute for Research and Evaluation (SUB 0674 (DA035098)) | 93 | 279 | 8,526 |
| Pacific Northwest National Laboratories (00072621:006) | 99 | RD | 128,631 |
| Pacific Northwest National Laboratories (143949) | 81 | RD | 67,608 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Pacific Northwest National Laboratories (180793) | 81 | RD | 36,406 |
| Pacific Northwest National Laboratories (190110) | 81 | RD | 59,353 |
| Pacific Northwest National Laboratories (207847) | 81 | RD | 40,396 |
| Pacific Northwest National Laboratories (32920) | 81 | RD | 16,472 |
| Pacific Northwest National Laboratories (33629) | 84 | RD | 87,278 |
| Pacific Northwest National Laboratories (34167) | 81 | RD | 250,597 |
| Pacific Northwest National Laboratories (SUB 152804(DE-AC05-76RL01830)) | 81 | RD | 35,108 |
| Pacific Northwest National Laboratories (SUB 196885 (DE-AC05-76RL01830) | 81 | RD | 37,450 |
| Pacific Northwest National Laboratories (SUB 200949 (DE-AC05-76RL01830)) | 81 | RD | 33,310 |
| Pacific Northwest National Laboratories (SUB 79689 BATTELE PNL (NIAID)) | 93 | RD | 269,781 |
| Pacific States Marine Fisheries Commission (1252) | 11 | 437 | 10,299 |
| Pacific States Marine Fisheries Commission (59948) | 11 | 454 | 96 |
| Pacific States Marine Fisheries Commission (59952) | 11 | 454 | 205 |
| Pacific States Marine Fisheries Commission (59958) | 11 | 454 | 80,106 |
| Palo Alto Institute for Research and Education, Inc. (SUB WYS0015-02 (NS057496)) | 93 | 853 | 93,129 |
| Pangaea Global Aids Foundation (2011-002) | 93 | 310 | 39,810 |
| Pangaea Global Aids Foundation (2011-003) | 93 | RD | 29,377 |
| Panorama Research Incorporated (71915) | 93 | 837 | 193 |
| Partners Healthcare System, Inc. (207916) | 93 | 389 | 292,912 |
| Partners Healthcare System, Inc. (208360) | 12 | 420 | 62,880 |
| Partners Healthcare System, Inc. (208409-CYC4) | 93 | 865 | 128,036 |
| Partners Healthcare System, Inc. (215287-CYC3) | 93 | 389 | 313,759 |
| Partners Healthcare System, Inc. (220737-CYC1) | 93 | 855 | 37,538 |
| Partners Healthcare System, Inc. (83297) | 93 | 856 | (8,998) |
| Partners Healthcare System, Inc. (PS-216785-CYC3) | 93 | 853 | 22,420 |
| Partners Healthcare System, Inc. (PSA-032408-CYC5) | 93 | 213 | 15,696 |
| Partners in Hope (Malawi) (674-A-00-10-00035-00) | 98 | 001 | 792,863 |
| Patricia Sullivan Consulting (UCSF#A120820) | 93 | 395 | 182,198 |
| Peking University (1221101) | 93 | 866 | 49,641 |
| Pelagique, LLC (2010-3980) | 99 | RD | 107,522 |
| Pennsylvania State University (004516) | 12 | 630 | 83,782 |
| Pennsylvania State University (005552) | 93 | 855 | 50,878 |
| Pennsylvania State University (005648) | 47 | 074 | 41,145 |
| Pennsylvania State University (3661-UCSB-DHHS-7002) | 93 | 865 | 121,023 |
| Pennsylvania State University (3757-UCB-NSF-0404) | 47 | 049 | 54,025 |
| Pennsylvania State University (3854-UCB-AFOSR-0041) | 12 | 300 | 202,037 |
| Pennsylvania State University (3902-UCLA-NASA-A76A) | 43 | 001 | 92,300 |
| Pennsylvania State University (3964-UCSD-NSF-0103) | 47 | 074 | 1,589 |
| ARRA-Pennsylvania State University (4015-UCI-DHHS-4497-CYC3) | 93 | 701 | 112,431 |
| Pennsylvania State University (4038-UCSF-DHHS-6217) | 93 | 279 | 49,042 |
| Pennsylvania State University (4216-UCLA-NSF-0404) | 47 | 049 | 15,600 |
| Pennsylvania State University (4242-UCLA-DHHS-0709:2) | 93 | 865 | 20,558 |
| Pennsylvania State University (4281-UCI-DHHS-9672-CYC3) | 93 | 855 | 478,337 |
| Pennsylvania State University (4313-UCI-DHHS-2498-CYC4) | 93 | 865 | 30,000 |
| Pennsylvania State University (4495-UCI-DOE-6903-CYC1) | 81 | 049 | 33,799 |
| Pennsylvania State University (4600-UC-USDE-0046-CYC1) | 84 | 324 | 15,587 |
| Pennsylvania State University (4657-UC-USDE-0331-CYC1) | 84 | 324 | 1,977 |
| Pennsylvania State University (4727-UCSC-NASA-P41G) | 43 | 001 | 5,077 |
| Pennsylvania State University (4755-UCB-NSF-0507) | 47 | 050 | 25,162 |
| Pennsylvania State University (58961) | 12 | 630 | 141,395 |
| Pennsylvania State University (63122) | 43 | RD | 158 |
| ARRA-Pennsylvania State University (ARRA4003UCDNSF4384) | 47 | 082 | 47,387 |
| Pennsylvania State University (SD-USA-0124 (W911NF-08-1-0124)) | 12 | 431 | 73,375 |
| Pennsylvania State University (UCASF HL098115) | 93 | 837 | 8,823 |
| Pennsylvania State University (UCASF_HL109086) | 93 | 838 | 9,101 |
| Pennsylvania State University (UCA-SFHL098115-02) | 93 | 837 | 90,481 |
| Pennsylvania State University (UCASFHL109086) | 93 | 838 | 18,861 |
| Pennsylvania State University (UCSF#A116687) | 93 | 837 | 226,807 |
| Pennsylvania State University (UCSF#A116919) | 93 | 837 | 194,715 |
| Pennsylvania State University (UCSF#A120869) | 93 | 837 | 57,964 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA

Schedule of Expenditures of Federal Awards

For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Pennsylvania State University (XGB-2-11460-01-CYC1) | 93 | 866 | 13,419 |
| Pepgen Corporation, Inc. (00007833) | 47 | 041 | 943 |
| Perceptronics (2011431401&02) | 99 | RD | 8,040 |
| Perceptronics (20120002) | 99 | RD | 34,398 |
| Perlegen Sciences, Inc. (79086) | 99 | RD | 37 |
| Pharad, LLC (77994) | 99 | RD | 33,599 |
| Phoenix Biosystem, Inc. (UCSF#A117586) | 47 | RD | 6,164 |
| Phoenix Houses of Los Angeles, Inc. (20104731) | 93 | 243 | (49) |
| Physical Optics Corporation (78366) | 12 | 431 | 2,935 |
| Physical Optics Corporation (POC-4192003) | 93 | 867 | 3,097 |
| Physical Sciences, Inc. (SC 55352-1734) | 12 | 431 | 37,977 |
| Physical Sciences, Inc. (SC579961763001) | 12 | RD | 116,962 |
| Pine Street Foundation (84981) | 12 | 420 | (527) |
| Planetary Science Institute (NNX11AQ49G) | 43 | 001 | 307 |
| Plasalus, LLC (UCSF#A120329) | 93 | RD | 60,797 |
| Plasma Processes, Inc. (59581) | 81 | RD | 2,223 |
| Plug Power, Inc. (PP-47515) | 81 | RD | 9,989 |
| Point Loma Nazarene University (SUB NONE (IOS-1052561)) | 47 | 074 | 87,137 |
| Point Reyes Bird Observatory (032917) | 11 | 419 | 45,718 |
| Polyradiant Technology (79206) | 99 | RD | 11,233 |
| Pranalytica, Inc. (20104588) | 99 | RD | 44,065 |
| Praxis Biosciences, LLC (PB-50904-CYC3) | 93 | 173 | 61,376 |
| Praxis Biosciences, LLC (PB-54282-CYC1) | 93 | 173 | 8,454 |
| Predictive Science, Inc. (PSI-49953-CYC1) | 43 | RD | 51,726 |
| Prince William Sound Science Center (12-81-01) | 11 | 472 | 378,961 |
| Princeton Plasma Physics Laboratory (S0010274-R) | 99 | RD | 15,365 |
| Princeton Plasma Physics Laboratory (S010182-F) | 81 | RD | 53,084 |
| Princeton Plasma Physics Laboratory (S010845-R) | 99 | RD | 74,362 |
| Princeton Plasma Physics Laboratory (S011846-F:1) | 99 | RD | 77,286 |
| Princeton Plasma Physics Laboratory (S011849-F-CYC1) | 81 | RD | 21,114 |
| Princeton Plasma Physics Laboratory (S012340-F) | 99 | RD | 123,887 |
| Princeton University (00001713) | 12 | 800 | 247,289 |
| Princeton University (00001732) | 47 | 049 | 743 |
| Princeton University (00001786-003) | 93 | 397 | 181,773 |
| Princeton University (00001804) | 93 | 397 | 36,712 |
| Princeton University (00001805) | 93 | 397 | 234,940 |
| Princeton University (00001806) | 93 | 397 | 34,825 |
| Princeton University (00001807) | 93 | 397 | 30,147 |
| Princeton University (00001808) | 93 | 397 | 164,267 |
| Princeton University (00001876-CYC2) | 47 | 070 | 146,862 |
| Princeton University (00001889) | 81 | 049 | 43,575 |
| Princeton University (00001948) | 93 | 397 | 64,431 |
| Princeton University (00001949) | 93 | 397 | 5,405 |
| Princeton University (00001964-CYC2) | 93 | 397 | 15,609 |
| Princeton University (00001987) | 43 | 001 | 4,638 |
| Princeton University (00001990) | 12 | 800 | 106,846 |
| Princeton University (00002024) | 93 | 397 | 32,047 |
| Princeton University (00002057) | 20 | 205 | 45,398 |
| Princeton University (00002071-CYC1) | 93 | 397 | 73,945 |
| Princeton University (00002082) | 12 | 431 | 37,347 |
| Princeton University (00002109) | 93 | 397 | 35,740 |
| Princeton University (005530) | 93 | 397 | 14,144 |
| Princeton University (1120138) | 47 | 049 | 517,583 |
| Princeton University (SUB 00001661 (FA9550-09-1-03) | 12 | 800 | 663,131 |
| Princeton University (SUB 00001755 (2009-DT-2049)) | 12 | RD | 7,110 |
| Princeton University (SUB 00002070 (CA143803)) | 93 | 397 | 74,693 |
| Princeton University (UCSF#A119962) | 93 | 397 | 40,000 |
| Profusa Corporation (UCSF#A120651) | 93 | 310 | 67,861 |
| Progeny Systems (77813) | 99 | RD | (98) |
| Progeny Systems (87772) | 12 | 300 | 107 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Progeny Systems (PSC-0225) | 99 | RD | 48,969 |
| Proteus, Inc. (SUB C27548 (NONE)) | 93 | 856 | 35,727 |
| Public Health Foundation Enterprises, Inc. (2186.005.001ECHO) | 93 | 941 | 3,579 |
| Public Health Foundation Enterprises, Inc. (2278.001PUMA) | 93 | 855 | 23,160 |
| Public Health Foundation Enterprises, Inc. (2298.001.001) | 93 | 974 | 14,990 |
| Public Health Foundation Enterprises, Inc. (2303.001 CAT A) | 93 | RD | 315,686 |
| Public Health Foundation Enterprises, Inc. (2304.003. SFDPH APC) | 93 | 283 | 50,874 |
| Public Health Foundation Enterprises, Inc. (235.013.920) | 93 | 283 | 12,094 |
| Public Health Foundation Enterprises, Inc. (2369.002.001ECHPP PHASE II) | 93 | 940 | 65,957 |
| Public Health Foundation Enterprises, Inc. (2414.001.001) | 93 | 242 | 13,063 |
| Public Health Foundation Enterprises, Inc. (2417.001.001EPIC) | 93 | 242 | 24,168 |
| Public Health Foundation Enterprises, Inc. (PFHE#2278.003.001) | 93 | 855 | 23,275 |
| Public Health Foundation Enterprises, Inc. (PHFE-101103-CYC1) | 93 | 591 | 417 |
| Public Health Foundation Enterprises, Inc. (PHFE-55673-CYC1) | 93 | 887 | 1,757 |
| ARRA-Public Health Foundation Enterprises, Inc. (PHFE-55801-CYC1) | 93 | 701 | 101 |
| Public Health Foundation Enterprises, Inc. (UCSF#A114123) | 93 | RD | 217,685 |
| Public Health Foundation Enterprises, Inc. (UCSF#A119120) | 93 | 941 | 7,893 |
| Public Health Foundation Enterprises, Inc. (UCSF#A120055) | 93 | 855 | 67,593 |
| Public Health Foundation Enterprises, Inc. (UCSF#A120764) | 93 | RD | 88,402 |
| Public Health Foundation Enterprises, Inc. (UCSF#A120960) | 93 | 855 | 28,464 |
| Public Health Institute (1014460R) | 93 | 273 | 57,988 |
| Public Health Institute (1017677) | 93 | 283 | (868) |
| Public Health Institute (1018171) | 10 | RD | 118,872 |
| Public Health Institute (1018292) | 93 | RD | 31,215 |
| Public Health Institute (1018743R) | 93 | 531 | 50,491 |
| Public Health Institute (78463) | 93 | 938 | 8,326 |
| Public Health Institute (UB 1018434 (HHSN261201000034C)) | 93 | RD | 79,070 |
| Purdue University (12065162) | 98 | 001 | 9,138 |
| Purdue University (126701730159) | 10 | 310 | 5,987 |
| Purdue University (4101-19918) | 47 | RD | 11,809 |
| Purdue University (4101-38048) | 47 | 070 | 578,679 |
| Purdue University (4101-42784) | 47 | 041 | 18,125 |
| Purdue University (4101-51805) | 47 | 041 | 130,079 |
| Purdue University (4103-50586) | 43 | 001 | 24,490 |
| Purdue University (4104-44613:1) | 99 | RD | 53,220 |
| Purdue University (4112-50374) | 10 | RD | 18,088 |
| Purdue University (NEES 4101-45661) | 47 | 041 | 166,693 |
| Purdue University (NEES-4101-31870) | 47 | 041 | 988,520 |
| Purdue University (NEES410131873) | 47 | RD | 1,514,883 |
| Purdue University (NEES-4101-31881 (CMMI-0927178)) | 47 | 041 | 1,269,494 |
| Purdue University (NEES-4101-31902) | 47 | 041 | 573,292 |
| Purdue University (NEES-4101-34566 (CMMI-0927178)) | 47 | 041 | 7,115 |
| Purdue University (NEES-4101-38423:02) | 47 | 041 | 174,459 |
| ARRA-Purdue University (SUB 4102-31810 (AI055672)ARRA) | 93 | 701 | 16,325 |
| Purdue University (SUB 4101-38049 (CCF-0939370)) | 47 | 070 | 330,731 |
| Q-Chem, Inc. (1R43GM096678-01A1) | 93 | RD | (210) |
| Quantitative Morphology Consulting (SUB 2009-JUL-15-2001) | 12 | 300 | 3,799 |
| Quantitative Morphology Consulting (SUB 2012-FEB-1-3000 (NONE)) | 12 | 300 | 120,888 |
| Queensland, State of (QIMR 08-01-5163) | 93 | 865 | 207,143 |
| Questek Innovations, LLC (866) | 12 | 300 | 23,992 |
| Radiabeam Technologies, LLC (20112016) | 99 | RD | 77,097 |
| Radiabeam Technologies, LLC (20112365) | 81 | 049 | 14,060 |
| Radiabeam Technologies, LLC (201223590) | 12 | RD | 47,093 |
| Radiabeam Technologies, LLC (20131019) | 81 | 049 | 62,118 |
| Radiation Monitoring Devices, Inc. (201014842) | 81 | RD | 3,444 |
| Radiation Monitoring Devices, Inc. (C1136) | 93 | 389 | 54,475 |
| Radiation Monitoring Devices, Inc. (RMDC1041) | 93 | RD | 256,761 |
| ARRA-Radiological Society of North America, Inc. (HHSN268200900060C-SOFTWARE) | 93 | 701 | 66,053 |
| ARRA-Radiological Society of North America, Inc. (HHSN268201000050C (15A)) | 99 | RD | 1,064 |
| ARRA-Radiological Society of North America, Inc. (HHSN268201000050C (16A)) | 99 | RD | 739 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Radiological Society of North America, Inc. (SUB HHSN268200800020C (NHLBI-) | 93 | 839 | 31,071 |
| ARRA-Radiological Society of North America, Inc. (UCSF#A120219) | 93 | 701 | 33,845 |
| Radiological Society of North America, Inc. (UCSF#A120373) | 93 | 838 | 34,905 |
| Radius Diagnostics Research, Inc. (20121141) | 47 | 041 | 34,973 |
| Rancho Santa Ana Botanic Garden (57975) | 47 | 074 | (4) |
| ARRA-Rand Corp (58326) | 93 | 701 | (6,035) |
| Rand Corp (80411) | 93 | 837 | 117 |
| Rand Corp (9920080019:06) | 93 | 242 | 206,637 |
| Rand Corp (9920080128:04) | 93 | 864 | 120,731 |
| Rand Corp (9920100039:03) | 93 | 279 | 80,285 |
| Rand Corp (9920100040) | 93 | 393 | 76,872 |
| Rand Corp (9920100046) | 93 | 243 | 36,370 |
| Rand Corp (9920100055) | 93 | 226 | 33,825 |
| Rand Corp (9920100096:04) | 99 | RD | 13,701 |
| Rand Corp (992011000302) | 93 | 865 | 15,481 |
| Rand Corp (9920120001:2) | 99 | RD | 13,296 |
| Rand Corp (9920120017) | 99 | RD | 129,778 |
| Rand Corp (9920120024) | 99 | RD | 44,227 |
| Rand Corp (9920120072) | 93 | 307 | 41,460 |
| Rand Corp (9920120084-CYC1) | 16 | 560 | 35,168 |
| Rand Corp (9920120107) | 99 | RD | 7,487 |
| Rand Corp (9920120110) | 93 | 865 | 26,480 |
| Rand Corp (9920130007) | 93 | 113 | 61,409 |
| Rand Corp (9920130018) | 99 | RD | 8,701 |
| Rand Corp (9920130049) | 93 | 866 | 20,870 |
| Rand Corp (9920130079) | 93 | 310 | 16,174 |
| Raytheon (SUB 14100 (W911NF-12-C-0023)) | 12 | 431 | 142,448 |
| Raytheon (SUB NONE (D10PC20023)) | 97 | RD | 73,599 |
| Rehabilitation Institute of Chicago (03.80940-CYC5) | 84 | 133 | 20,689 |
| Rehabilitation Institute of Chicago (81760-CYC1) | 84 | 133 | 18,001 |
| Remote Sensing Systems (6103) | 11 | 012 | 11,946 |
| Rensselaer Polytechnic Institute (94450) | 93 | 286 | (132) |
| Rensselaer Polytechnic Institute (A12363) | 93 | 113 | 147,168 |
| Rensselaer Polytechnic Institute (A12411) | 47 | 075 | 6,936 |
| Research & Diagnostic Antibodies (RDA11001) | 93 | 859 | 2,315 |
| ARRA-Research Foundation Cuny, City University of New York (40005-A) | 47 | 082 | 90,027 |
| Research Foundation for Mental Hygiene (79195) | 12 | 420 | (14,597) |
| Research Foundation for Mental Hygiene (83101) | 93 | 866 | (13,650) |
| Research Foundation for Mental Hygiene (96556) | 93 | 242 | 101,373 |
| Research Foundation for Mental Hygiene (PO#96553) | 93 | 242 | 26,713 |
| Research Foundation for Mental Hygiene (UCSF#A112209) | 93 | 242 | 26,704 |
| Resilient Network Systems (SUB 20131789 (70NANB12D296)) | 11 | 609 | 86,739 |
| Rhode Island Hospital (70115314) | 93 | 837 | 24,705 |
| Rhode Island Hospital (701-5452) | 93 | 242 | 5,179 |
| Rhode Island Hospital (70154751CA) | 93 | 273 | 8,352 |
| Rhode Island Hospital (SUB 701-1513 (AI066050)) | 93 | 856 | 33,935 |
| Rice University (20131304) | 47 | 074 | 576,727 |
| Rice University (80050) | 12 | 431 | 21,200 |
| Rice University (87882) | 93 | 859 | (6,139) |
| Rice University (R16991) | 66 | 509 | 134,765 |
| Rice University (R3B594) | 47 | 041 | 84,654 |
| Rice University (SUB R3E031 (DMS-1309542)) | 47 | 049 | 146,238 |
| Riverside-San Bernardino County Indian Health, Inc. (20132665) | 93 | 508 | 81,487 |
| Riverside-San Bernardino County Indian Health, Inc. (20730) | 93 | 508 | (3,055) |
| Rochester Institute of Technology (146728) | 66 | 717 | 1,667 |
| Rockefeller University (2U54RR022220-06) | 93 | 310 | 422,813 |
| Rockefeller University (PRIME:U01GM098256) | 93 | 859 | 92,879 |
| Rockefeller University (UCSF#A118457) | 93 | 859 | 170,292 |
| Rockwell Collins, Inc. (87921) | 12 | 910 | 291,345 |
| Roi Consulting, LLC (87599) | 12 | 300 | (1,726) |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Roi Consulting, LLC (SUB TA120303 (N00178-05-D-4538) | 12 | 300 | 154,578 |
| Royal Philips Electronics (PRNACLTC1101) | 12 | RD | 30,665 |
| Rti International (005916) | 99 | 999 | 37,108 |
| Rti International (0212456:03) | 93 | 865 | 1,378 |
| Rti International (23120213517) | 93 | RD | 4,843 |
| Rti International (4-340-0213190) | 12 | 300 | 46,802 |
| Rti International (6-312-0212512-CYC2) | 93 | 865 | 41,802 |
| Rti International (78905) | 93 | 242 | (30,569) |
| Rti International (82510) | 93 | 279 | (174,736) |
| Rti International (SUB 1-312-0212177 (GM087704)) | 93 | 862 | 27,184 |
| ARRA-Rush University (ARRA2R01AG011101) | 93 | 701 | 955 |
| Rush University (SUB 2R56AI065361(AI065361)) | 93 | 286 | 111,117 |
| Rutgers Biomedical and Health Sciences (80211) | 93 | 855 | (21) |
| Rutgers Biomedical and Health Sciences (UCSF#A119019) | 93 | 145 | 393,331 |
| Rutgers, The State University of New Jersey (005529) | 10 | 200 | 17,396 |
| Rutgers, The State University of New Jersey (2004CA001) | 10 | RD | (3,366) |
| Rutgers, The State University of New Jersey (2011CA001ARS) | 10 | 200 | 58,657 |
| Rutgers, The State University of New Jersey (2012CA001ARS) | 10 | 001 | 871 |
| Rutgers, The State University of New Jersey (3127) | 93 | 855 | 40,295 |
| Rutgers, The State University of New Jersey (32923) | 10 | 200 | 100,892 |
| Rutgers, The State University of New Jersey (33226) | 10 | 200 | 2,924 |
| Rutgers, The State University of New Jersey (3515) | 93 | 859 | 788 |
| Rutgers, The State University of New Jersey (3977) | 10 | 310 | 33,111 |
| Rutgers, The State University of New Jersey (4239) | 81 | 049 | 82,351 |
| Rutgers, The State University of New Jersey (4-34227) | 99 | RD | 129,661 |
| Rutgers, The State University of New Jersey (4509) | 15 | 423 | 132,837 |
| Rutgers, The State University of New Jersey (4724-CYC1) | 93 | 859 | 128,105 |
| Rutgers, The State University of New Jersey (87755) | 47 | 076 | (152) |
| Rutgers, The State University of New Jersey (SUB 00003711 (DBI-0829586)) | 47 | 074 | 1,922,770 |
| Sa Photonics, Inc. (7133UCD1209) | 12 | RD | 29,940 |
| Saddleback Valley Unified School District (SVUSD-49369-CYC2) | 84 | 215 | 50,191 |
| ARRA-Saic (11ST1015-008) | 99 | RD | 2,735,952 |
| ARRA-Saic (12ST1002) | 93 | 701 | 830,487 |
| Saic (12XS367) | 99 | RD | 29,669 |
| Saic (13XS025 (HHSN261200800001E)) | 93 | 395 | 10,569 |
| Saic (29XS133TO08) | 93 | RD | 417,012 |
| Saic (29XS133TO13) | 93 | RD | 210,159 |
| Saic (29XS133TO15) | 93 | RD | 972,736 |
| Saic (29XS133TO18) | 93 | RD | 50,681 |
| Saic (71901) | 93 | RD | (191) |
| Saic (87896) | 12 | 910 | 521,258 |
| ARRA-Saic (ARRA6962SC) | 93 | 701 | 147,584 |
| Saic (P010068772) | 12 | RD | (470) |
| Saic (P010084977) | 93 | RD | 1,938 |
| Saic (P01019925) | 99 | RD | 248,766 |
| Saic (SUB 20110568 (DE-FG36-07GO170)) | 81 | 049 | 69,906 |
| Saic (SUB P010100411 (N62645-11-C-4) | 12 | 300 | 136,032 |
| Salk Institute for Biological Studies (004639) | 93 | 853 | 81,496 |
| Salk Institute for Biological Studies (63049) | 93 | 867 | 4,207 |
| Salk Institute for Biological Studies (P0079660) | 93 | 866 | 158,141 |
| Salk Institute for Biological Studies (P0083426) | 93 | 867 | 47,563 |
| Salk Institute for Biological Studies (PO#P0040100) | 93 | 855 | 434,248 |
| Salk Institute for Biological Studies (SUB (NONE) (HD033113)) | 93 | 865 | 102,146 |
| Salk Institute for Biological Studies (SUB NONE (MH099571)) | 93 | 242 | 62,956 |
| Salk Institute for Biological Studies (SUB P0000334 (AG032755)) | 93 | 866 | 139,716 |
| Salk Institute for Biological Studies (SUB P0021899 (AI076852)) | 93 | 856 | 93,135 |
| Salk Institute for Biological Studies (SUB P0037374 (MH091407)) | 93 | 242 | 213,629 |
| Salk Institute for Biological Studies (SUB P0040247 (AI090935)) | 93 | 855 | 286,995 |
| Salk Institute for Biological Studies (SUB P0040249 (AI090935)) | 93 | 855 | 129,171 |
| Salk Institute for Biological Studies (SUB P0052446 (HD033113)) | 93 | 865 | 301,000 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Salk Institute for Biological Studies (SUB PO0052440 (HD033113)) | 93 | 865 | 198,548 |
| Sally Ride Science (SUB EK3000 (NONE)) | 43 | RD | 247,326 |
| Samueli Institute for Information Biology (SI-54483-CYC1) | 12 | 300 | 203,873 |
| San Diego Community College District (SUB NONE (GM073590)) | 93 | 862 | 45,892 |
| ARRA-San Diego County (20695) | 93 | 712 | 435,932 |
| ARRA-San Diego County (ARRA532635) | 93 | 724 | 4,049 |
| San Diego Unified School District (SV-11-0788-15-CYC1) | 84 | 351 | 73,624 |
| San Diego Workforce Partnership (SUB 261-04 (NONE)) | 93 | RD | 252,313 |
| San Diego, City of (H094679) | 11 | 473 | 900 |
| Sandia National Laboratories | 99 | RD | 92,303 |
| Sandia National Laboratories (1002169) | 81 | RD | 22,638 |
| Sandia National Laboratories (1028934) | 81 | RD | 19,038 |
| Sandia National Laboratories (1111359) | 99 | RD | 186,822 |
| Sandia National Laboratories (1161962) | 81 | RD | 32,908 |
| Sandia National Laboratories (1242258) | 81 | RD | 22,409 |
| Sandia National Laboratories (1255137) | 81 | RD | 28,444 |
| Sandia National Laboratories (1288600) | 81 | RD | 20,000 |
| Sandia National Laboratories (1292969) | 81 | RD | 20,530 |
| Sandia National Laboratories (1297152) | 99 | RD | 63,449 |
| Sandia National Laboratories (1319969) | 81 | RD | 21,330 |
| Sandia National Laboratories (1326982) | 81 | RD | 1,962 |
| Sandia National Laboratories (1337890) | 81 | RD | 10,149 |
| Sandia National Laboratories (32382) | 81 | RD | 38,840 |
| Sandia National Laboratories (32392) | 81 | RD | 24,179 |
| Sandia National Laboratories (32755) | 81 | RD | 14,233 |
| Sandia National Laboratories (826008) | 81 | RD | 196,998 |
| Sandia National Laboratories (87515) | 81 | RD | (347) |
| Sandia National Laboratories (929885) | 81 | RD | (269) |
| Sandia National Laboratories (938661) | 81 | RD | 13,778 |
| Sandia National Laboratories (PO# 1332619) | 99 | RD | 31,582 |
| Sandia National Laboratories (PO#1230107) | 99 | RD | 69,925 |
| Sandia National Laboratories (PO#979058) | 99 | RD | 93,796 |
| Sandia National Laboratories (PO1125677) | 81 | RD | 27,014 |
| Sandia National Laboratories (PO1187336) | 99 | RD | 11,961 |
| Sandia National Laboratories (SUB 1187806 (NONE)) | 81 | RD | 85,083 |
| Sandia National Laboratories (SUB 1190425-0 (776622)) | 20 | RD | 912 |
| Sandia National Laboratories (SUB 1320279 (NONE)) | 81 | RD | 4,379 |
| Sandia National Laboratories (SUB PO1158884(NONE)) | 81 | RD | 23,327 |
| Sandia National Laboratories (SUB PO1170183 (NONE)) | 81 | RD | 19,302 |
| Sanford-Burnham Medical Research Institute (2365-UCSD-01(W81XWH-12-1-0174)) | 12 | 420 | 21,168 |
| Sanford-Burnham Medical Research Institute (54335-11056-UCSD-05 (ES016738)) | 93 | 113 | 14,148 |
| Sanford-Burnham Medical Research Institute (54992-11459-UCSB) | 12 | 420 | 65,038 |
| Sanford-Burnham Medical Research Institute (54994-11308-UCLA:3) | 93 | 853 | 9,808 |
| Sanford-Burnham Medical Research Institute (56602-11995-UCSD-02 (NS076411)) | 93 | 853 | 56,101 |
| Sanford-Burnham Medical Research Institute (56663-11825-UCSF-01) | 93 | 393 | 241,159 |
| Sanford-Burnham Medical Research Institute (56774-11852-UCSD-01 (HL113601)) | 93 | 837 | 50,592 |
| Sanford-Burnham Medical Research Institute (56863-11900-UCI-CYC1) | 93 | 859 | 103,774 |
| Sanford-Burnham Medical Research Institute (83053) | 93 | 279 | 117 |
| Sanford-Burnham Medical Research Institute (87410) | 93 | 859 | 213,059 |
| Sanford-Burnham Medical Research Institute (87961) | 93 | 396 | 9,846 |
| Sanford-Burnham Medical Research Institute (88020) | 93 | 113 | 63,834 |
| Sanford-Burnham Medical Research Institute (88046) | 93 | 853 | 159,066 |
| Sanford-Burnham Medical Research Institute (SUB 56344-11738-UCSD-01 (GM098)) | 93 | 859 | 298,126 |
| Sanford-Burnham Medical Research Institute (SUB 56344-11964 UCSD-01 (GM098)) | 93 | 859 | 163,152 |
| Sanford-Burnham Medical Research Institute (SUB 566002-11995-UCSD-01(NS076) | 93 | 853 | 47,562 |
| Sanford-Burnham Medical Research Institute (SUB 56767-11860 (CA167174)) | 93 | 395 | 95,875 |
| Sanford-Burnham Medical Research Institute (SUB NONE (ES016738)) | 93 | 113 | (39,151) |
| Sanford-Burnham Medical Research Institute (SUB NONE (GM094727)) | 93 | 859 | (3,866) |
| Santa Barbara, County of (20623) | 93 | RD | 115 |
| Santa Barbara, County of (20625) | 93 | 243 | 1,956 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA

Schedule of Expenditures of Federal Awards

For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Santa Barbara, County of (20641) | 93 | 243 | 617 |
| Santa Barbara, County of (20642) | 93 | 243 | 2,126 |
| Santa Clara University (SUB NSF072-01 (DEB-0844406)) | 47 | 074 | 10,383 |
| Santa Ynez Band of Chumash Indians (SB130004) | 66 | 605 | 16,628 |
| Sapphire Energy (87305) | 93 | 859 | 557 |
| Scalable Network Technologies (77878) | 99 | RD | (609) |
| Schafer Corporation (SC-1133A-01) | 81 | 036 | 34,562 |
| Sciberquest, Inc. (1R43TR000629-01A1) | 93 | 360 | 60,912 |
| Science Systems and Applications, Inc. (2110112033) | 43 | RD | 39,433 |
| Science Systems and Applications, Inc. (21101-12-077-CYC1) | 43 | RD | 37,440 |
| Science Systems and Applications, Inc. (A082CCY2) | 43 | RD | 94,587 |
| Scientific Applications & Research Associates, Inc. (87963) | 12 | RD | 18,943 |
| Scimetrika, LLC (77852) | 99 | RD | (401) |
| Scivee, Inc. (83195) | 93 | 371 | (9,029) |
| Scripps Research Institute (California) (5-20141 (DA031566)) | 93 | 279 | 77,229 |
| Scripps Research Institute (California) (5-23317) | 93 | 855 | 555,745 |
| Scripps Research Institute (California) (5-23879 (AI091832)) | 93 | 856 | 213,292 |
| Scripps Research Institute (California) (5-24579-CYC1) | 93 | 853 | 209,551 |
| Scripps Research Institute (California) (5-24653 (PRIME R21 AI085374)) | 93 | 856 | 41,025 |
| Scripps Research Institute (California) (63200) | 93 | 859 | (3,450) |
| Scripps Research Institute (California) (83249) | 93 | 839 | (47,004) |
| Scripps Research Institute (California) (87271) | 93 | 279 | (108) |
| Scripps Research Institute (California) (87328) | 93 | 862 | 1 |
| Scripps Research Institute (California) (87519) | 93 | 862 | (3,453) |
| Scripps Research Institute (California) (87720) | 93 | 371 | 2,200 |
| Scripps Research Institute (California) (87813) | 93 | RD | (524) |
| Scripps Research Institute (California) (87853) | 93 | RD | 233 |
| Scripps Research Institute (California) (87867) | 93 | 279 | 29 |
| Scripps Research Institute (California) (87956) | 93 | RD | (35,087) |
| Scripps Research Institute (California) (P.O.#5-23399) | 93 | 859 | 78,146 |
| Scripps Research Institute (California) (PO # 5-24507 (GM100934)) | 93 | 859 | 72,435 |
| Scripps Research Institute (California) (R33MH087925) | 93 | RD | 53,431 |
| Scripps Research Institute (California) (SUB 5/24523 (GM094586)) | 93 | 859 | 688,178 |
| Scripps Research Institute (California) (SUB 5-0043 (AG031097)) | 93 | 866 | 54,062 |
| Scripps Research Institute (California) (SUB 5-23352 (AG031097)) | 93 | 866 | 169,465 |
| Scripps Research Institute (California) (SUB 5-23372 (TR000109)) | 93 | 371 | 262,718 |
| Scripps Research Institute (California) (SUB 5-23387 (AG007996)) | 93 | 866 | 308,859 |
| Scripps Research Institute (California) (SUB 5-23814 (CA143906)) | 93 | 395 | 22,939 |
| Scripps Research Institute (California) (SUB 5-23853 (EY022025)) | 93 | 867 | 573,148 |
| Scripps Research Institute (California) (SUB 5-23854 (EY022025)) | 93 | 867 | 438,153 |
| Scripps Research Institute (California) (SUB 5-23917(CA143906)) | 93 | 395 | 62,602 |
| Scripps Research Institute (California) (SUB 5-24021 (AI081982)) | 93 | 856 | 73,453 |
| Scripps Research Institute (California) (SUB 5-24386 (AI081982)) | 93 | 862 | 18,594 |
| Scripps Research Institute (California) (SUB 5-24442 (GM094586)) | 92 | 862 | (96) |
| Scripps Research Institute (California) (SUB 5-24530 (GM094618)) | 93 | 862 | 51,115 |
| Scripps Research Institute (California) (SUB 5-24657 (HL031950)) | 93 | 839 | 365,464 |
| Scripps Research Institute (California) (SUB 5-24679 (TR000109)) | 93 | 350 | 8,387 |
| Scripps Research Institute (California) (SUB 5-24700 (TR000109)) | 93 | 350 | 5,094 |
| Scripps Research Institute (California) (SUB 5-50088 (EY022025)) | 93 | 867 | 26,020 |
| Scripps Research Institute (California) (SUB 5-50172 (AG007996)) | 93 | 866 | 2,385 |
| Scripps Research Institute (California) (SUB 5-75499 (MCB-1121959)) | 47 | 074 | 75,601 |
| Seacoast Science, Inc. (82631) | 12 | 800 | 3,995 |
| Seacoast Science, Inc. (82635) | 12 | 800 | 918 |
| Seattle Biomedical Research Institute (UCS-1031) | 93 | 855 | (9) |
| ARRA-Seattle Children's Hospital, Research and Foundation (10119SUB) | 93 | 701 | 38,766 |
| Seattle Children's Hospital, Research and Foundation (10290SUB) | 93 | 853 | 89,053 |
| Seattle Children's Hospital, Research and Foundation (10371SUB) | 93 | 113 | 3,868 |
| Seattle Children's Hospital, Research and Foundation (10667SUB) | 93 | 847 | 27,846 |
| Seattle Children's Hospital, Research and Foundation (10721SUB) | 93 | 110 | 16,331 |
| Seattle Children's Hospital, Research and Foundation (84559) | 93 | 846 | 5,517 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| ARRA-Seeo, Inc. (20110555) | 81 | 049 | 71,772 |
| Semiconductor Research Corporation (2007-VJ-1631) | 47 | RD | 16,439 |
| Semiconductor Research Corporation (2008-NE-1452F) | 99 | RD | 756,287 |
| Semiconductor Research Corporation (2011-TJ-2178) | 12 | 910 | 48,982 |
| Seti Institute (94740) | 43 | RD | 49,742 |
| Siemens Ag (95-03-CYC1) | 81 | RD | 42,426 |
| Siemens Ag (ESTCP-93-004) | 12 | 300 | 72,073 |
| ARRA-Siena College (OGFR 09-09-004) | 47 | 082 | 83,010 |
| Silent Spring Institute (029746) | 93 | 113 | 48,202 |
| Simon Fraser University (UCSF#A120483) | 93 | RD | 264,762 |
| Sitka Sound Science Center (20114438) | 11 | 454 | 10,588 |
| Sixal, Inc. (20120004) | 93 | 855 | 1,853 |
| Slac National Accelerator Laboratory (107520) | 81 | RD | 43,927 |
| ARRA-Smiths Detection (ARRA4800019968) | 93 | 701 | 1,255 |
| Social and Scientific Systems, Inc. (-00299(HHSN2722009000001/2/31)) | 93 | 856 | 15,406 |
| Social and Scientific Systems, Inc. (30950) | 93 | 855 | (12,586) |
| Social and Scientific Systems, Inc. (30951) | 93 | 855 | 9,138 |
| Social and Scientific Systems, Inc. (57852) | 99 | RD | 1,767 |
| Social and Scientific Systems, Inc. (72062) | 93 | RD | 135 |
| Social and Scientific Systems, Inc. (72138) | 93 | 855 | (2,589) |
| Social and Scientific Systems, Inc. (72143) | 93 | 855 | (5,418) |
| Social and Scientific Systems, Inc. (72199) | 93 | RD | (317) |
| Social and Scientific Systems, Inc. (72230) | 93 | 855 | (441) |
| Social and Scientific Systems, Inc. (72273) | 93 | 855 | 57 |
| Social and Scientific Systems, Inc. (72419) | 93 | 855 | 23 |
| Social and Scientific Systems, Inc. (77522) | 93 | 837 | 1,337 |
| Social and Scientific Systems, Inc. (77846) | 93 | 855 | (20,866) |
| Social and Scientific Systems, Inc. (77899) | 93 | 242 | (642) |
| Social and Scientific Systems, Inc. (79037) | 93 | 855 | 235 |
| Social and Scientific Systems, Inc. (82547) | 93 | 856 | 5,407 |
| Social and Scientific Systems, Inc. (82548) | 93 | 856 | 8 |
| Social and Scientific Systems, Inc. (82573) | 93 | 856 | 43,248 |
| Social and Scientific Systems, Inc. (82582) | 93 | 856 | 157,941 |
| Social and Scientific Systems, Inc. (83008) | 93 | 856 | 27 |
| Social and Scientific Systems, Inc. (87569) | 93 | 242 | 90,555 |
| Social and Scientific Systems, Inc. (87706) | 93 | 855 | 514 |
| Social and Scientific Systems, Inc. (87838) | 93 | 242 | (2,790) |
| Social and Scientific Systems, Inc. (87843) | 93 | 242 | 1 |
| Social and Scientific Systems, Inc. (87916) | 93 | 242 | 1,673 |
| Social and Scientific Systems, Inc. (88043) | 93 | 242 | 4,983 |
| Social and Scientific Systems, Inc. (88069) | 93 | 242 | (2,185) |
| Social and Scientific Systems, Inc. (89650) | 93 | 242 | (13,137) |
| Social and Scientific Systems, Inc. (89651) | 93 | 242 | 4,316 |
| Social and Scientific Systems, Inc. (BRS-ACURE-Q-06-00138-T001) | 93 | 855 | (14,589) |
| Social and Scientific Systems, Inc. (BRS-ACURE-Q-06-00138-T003) | 93 | 855 | (29,091) |
| Social and Scientific Systems, Inc. (BRS-ACURE-S-11-000065-001658) | 93 | 855 | (40) |
| Social and Scientific Systems, Inc. (BRS-IMPCT-Q-06-00119-T001) | 93 | RD | (7,165) |
| Social and Scientific Systems, Inc. (BRS-IMPCT-Q-06-00119-T002) | 93 | 855 | (10,518) |
| Social and Scientific Systems, Inc. (CRB-AR500-S-10-00166) | 93 | RD | 7,300 |
| ARRA-Social and Scientific Systems, Inc. (CRB-DCR01-S-09-00295) | 99 | RD | 7,452 |
| Social and Scientific Systems, Inc. (CRB-IPHRM-S-10-00198) | 93 | 242 | 1,400 |
| ARRA-Social and Scientific Systems, Inc. (CRB-SSS-S-12-00237002) | 99 | RD | 8,662 |
| Social and Scientific Systems, Inc. (CRB-UCLA1-S-10-00046) | 93 | RD | 2,106 |
| Social and Scientific Systems, Inc. (SUB CRB-DCR01-S-09-00299 (HHSN)) | 93 | 856 | 13,023 |
| Social Impact, Inc. (REQ-LAC-11-0000 37) | 98 | 001 | 35,182 |
| Society of Hospital Medicine (UCSF#A117731) | 93 | 226 | 1,990 |
| Sofie Biosciences, Inc. (20104649) | 99 | RD | 10,437 |
| Sofie Biosciences, Inc. (20114233) | 99 | RD | 70,041 |
| Sofie Biosciences, Inc. (20121447) | 99 | RD | 26,420 |
| Sofie Biosciences, Inc. (20121659) | 93 | 242 | 45,223 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Soil Born Farms Urban Agriculture Project (201301471) | 10 | 170 | 8,589 |
| Solana Scientific, Inc. (20111200) | 43 | 001 | 16,004 |
| Solute, Inc. (77828) | 99 | RD | (403) |
| Sonoma Ecology Center (20110725CALCCSUBUCDICE) | 15 | 669 | 15,135 |
| South Carolina Research Authority (82894) | 12 | 300 | 374 |
| Southeast Missouri Regional Planning Commission (005964) | 20 | 817 | 23,259 |
| Southern California Association of Governments (09-031-C1) | 20 | RD | 101,582 |
| Southern California Edison Company (4500477552-CYC1) | 81 | 122 | 139,827 |
| Southern Medical University (SMU-54580-CYC1) | 93 | 855 | 16,771 |
| Southern Methodist University (AS108 PINON) | 12 | 431 | 81,250 |
| Southern Methodist University (AS110 KODIAK) | 12 | 431 | 30,829 |
| Southern Methodist University (SUB G000986-7515 (DA027533)) | 93 | 279 | 17,553 |
| ARRA-Southern Nevada Health District (SNHD) (NONE (DP0023383) ARRA) | 93 | 701 | 73,335 |
| Southwest Research Institute (699046X17) | 99 | RD | (1,996) |
| Southwest Research Institute (B99021LM) | 47 | RD | (181) |
| Southwest Research Institute (D99005L) | 43 | RD | 94,785 |
| Southwest Research Institute (E62145J) | 43 | 001 | 4,145 |
| Southwest Research Institute (E99030JD) | 43 | 001 | 141,755 |
| Southwest Sciences, Inc. (033358) | 43 | RD | 36,000 |
| Southwest Sciences, Inc. (26577) | 12 | RD | (385) |
| Space Micro, Inc. (SUB P03994 (NONE)) | 12 | 335 | 55,563 |
| Space Micro, Inc. (SUBPO3162 (06132011-015)) | 12 | 300 | 22,158 |
| Space Science Institute (00537) | 99 | RD | 63,966 |
| Special Services for Groups (4550) | 93 | 243 | 78,762 |
| Spectral Sciences, Inc. (201017371) | 12 | RD | 17,274 |
| Spectral Sciences, Inc. (3250-001-47-CYC1) | 12 | 431 | 82,690 |
| Spi Surgical, Inc. (SC-11-81) | 99 | RD | 69,040 |
| Sri International (119-000227) | 12 | 910 | 1,352 |
| Sri International (123-0000010-CYC1) | 93 | 866 | 44,987 |
| Sri International (124-000008) | 81 | RD | 52,939 |
| Sri International (19-000200) | 12 | 910 | 248,711 |
| Sri International (19-000213) | 99 | RD | 664,321 |
| Sri International (206-000070-CYC1) | 97 | RD | 106,558 |
| Sri International (27-001276:7) | 93 | 859 | 138,581 |
| Sri International (51-001136) | 84 | 324 | 99,128 |
| Sri International (51-001228:02) | 84 | 324 | 102,728 |
| Sri International (69-000531:06) | 99 | RD | 83,544 |
| Sri International (69-000539-CYC1) | 15 | RD | 406,321 |
| Sri International (76000011) | 93 | 394 | 38,830 |
| Sri International (SUB 124-000018(NONE)) | 93 | RD | 142,870 |
| Sri International (SUB 27-001425 (EACU12800)) | 12 | 910 | 58,292 |
| St. Joseph's Hospital and Medical Center (20092736:3) | 93 | 855 | 60,775 |
| St. Jude Children's Research Hospital (110068110-7328180) | 93 | 395 | 36 |
| St. Jude Children's Research Hospital (11068120-7374721-CAPITATION BU) | 93 | 395 | 16,150 |
| St. Jude Children's Research Hospital (111287180-7466334) | 93 | 395 | 13,293 |
| St. Jude Children's Research Hospital (111287180-7466335) | 93 | 395 | 21,275 |
| St. Jude Children's Research Hospital (111401060 - 7477915) | 90 | 008 | 35,011 |
| St. Jude Children's Research Hospital (111401060-7474343) | 99 | RD | 198,549 |
| St. Jude Children's Research Hospital (111594010-7388219) | 93 | 859 | 23,230 |
| ARRA-St. Jude Children's Research Hospital (111710010-7404307) | 93 | 701 | 95,574 |
| St. Jude Children's Research Hospital (7219556) | 93 | 847 | (584) |
| St. Jude Children's Research Hospital (7245916) | 93 | 855 | (7,566) |
| St. Jude Children's Research Hospital (79642) | 99 | RD | (1,316) |
| St. Jude Children's Research Hospital (96325) | 93 | 856 | 15,738 |
| St. Lukes-Roosevelt Institute for Health Sciences (59952) | 93 | 867 | 540 |
| St. Lukes-Roosevelt Institute for Health Sciences (EY017281) | 93 | 867 | 80,794 |
| Stanford University (005382) | 93 | 847 | 77,038 |
| Stanford University (091-50618-A (N00014-11-1-0276)) | 12 | 300 | 1,481 |
| Stanford University (105193-001) | 99 | RD | 63,198 |
| Stanford University (16165880-26967-G) | 99 | RD | 30,113 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Stanford University (1R21DC01250501) | 93 | 173 | 30,708 |
| Stanford University (20385970-38185-A) | 47 | 074 | 156,030 |
| Stanford University (21054650-8167-D-007) | 93 | 172 | 72,546 |
| Stanford University (22034000-30572-B) | 93 | 394 | 21,983 |
| Stanford University (22178970-41070-F) | 12 | 800 | 397,620 |
| Stanford University (22250400-42533-B) | 47 | 041 | 142,425 |
| Stanford University (23152270-38985-A) | 93 | 396 | (1,944) |
| Stanford University (2385773041773C) | 93 | 399 | 603 |
| Stanford University (23971010-40005-A) | 93 | 855 | 70,654 |
| Stanford University (24065240-43790-A-004) | 43 | 001 | 65,828 |
| Stanford University (2414290043993A) | 47 | 041 | 22,648 |
| Stanford University (2432011045900A) | 81 | 049 | 30,300 |
| Stanford University (24405690-45324-B3) | 93 | 242 | 24,839 |
| Stanford University (2440664045324ACB) | 93 | 242 | 16,135 |
| Stanford University (24421840-44895-B:03) | 12 | 800 | 459,757 |
| Stanford University (24493120-41077-C-03) | 93 | 867 | 123,903 |
| Stanford University (24811440-43744-A) | 93 | 172 | 135,069 |
| Stanford University (25002140-30501-L) | 93 | 859 | 79,869 |
| Stanford University (25479840-47135-A) | 12 | RD | 785,311 |
| Stanford University (25530830-48810-A (N00014-10-1-) | 12 | 300 | 49,063 |
| Stanford University (25638380-46204-A) | 93 | 855 | 1,901 |
| Stanford University (25847520-45119-A) | 93 | 853 | 39,923 |
| Stanford University (25971330-50204-B) | 12 | 910 | 72,256 |
| Stanford University (26438140) | 47 | 074 | 30,906 |
| Stanford University (26590470-44290-A) | 93 | 286 | 14,276 |
| Stanford University (26675770-49878-B) | 93 | 822 | 277,558 |
| Stanford University (26697290-47281-A) | 93 | 397 | 199,900 |
| Stanford University (26723560-47281-D) | 93 | 397 | 135,820 |
| Stanford University (26990970-48060-A:2) | 93 | 847 | 102,288 |
| Stanford University (27917990-51987-B:1) | 99 | RD | 282,109 |
| Stanford University (27935290-47935-A) | 20 | 200 | 89,897 |
| Stanford University (28139880-50542-C) | 47 | 041 | 788,523 |
| Stanford University (28255440-46600-A) | 12 | RD | 102,472 |
| Stanford University (28291250-45510-E) | 93 | 866 | 17,277 |
| Stanford University (28361770-3222-E) | 93 | 853 | 49,056 |
| Stanford University (28906850-105205A) | 47 | 070 | 79,526 |
| Stanford University (28915360-48844-B) | 93 | 262 | 265,328 |
| Stanford University (29017650-51649-B) | 12 | 800 | 184,386 |
| Stanford University (29182280-51677-C) | 12 | 800 | 103,958 |
| Stanford University (29200920-50890-B) | 93 | 184 | 204,829 |
| Stanford University (29270550-50105-B) | 93 | 866 | 13,775 |
| Stanford University (60002619-51643-A) | 93 | 394 | 10,344 |
| Stanford University (60013110-46433-A) | 93 | 286 | 21,689 |
| ARRA-Stanford University (60014003-49387-A) | 93 | 701 | 18,631 |
| ARRA-Stanford University (60018374-39719-F) | 93 | 701 | 15,501 |
| Stanford University (60026836-104975-A) | 93 | 839 | 18,845 |
| Stanford University (60029899-105089-B) | 93 | 839 | 135,196 |
| Stanford University (60030900-49910-A) | 93 | 859 | 121,444 |
| Stanford University (60094381-51077-C) | 81 | 087 | 6,215 |
| Stanford University (60094382-51077-B) | 81 | 087 | 138,764 |
| Stanford University (60094384-51077-D) | 81 | 087 | 8,329 |
| Stanford University (60094385-51077-A) | 81 | 087 | 125,243 |
| Stanford University (60116704-105015-B) | 93 | 865 | 22,437 |
| Stanford University (60141508-106846-A) | 93 | 172 | 957,477 |
| Stanford University (60155596-106981-A) | 12 | 420 | 15,037 |
| Stanford University (60162951-50754-D) | 93 | 283 | 55,020 |
| Stanford University (60173852-101341-A) | 84 | 365 | 26,093 |
| Stanford University (60208755-108468-A) | 93 | 242 | 28,016 |
| Stanford University (60209216-106401-A) | 47 | 049 | 33,610 |
| Stanford University (60220830-51077-R) | 81 | RD | 170,576 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA

Schedule of Expenditures of Federal Awards

For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Stanford University (60230227-104104-A) | 93 | 855 | 99,629 |
| Stanford University (60284806-107307-C) | 99 | RD | 46,933 |
| Stanford University (72860) | 93 | RD | 5,703 |
| Stanford University (80296) | 93 | 866 | 204,862 |
| Stanford University (83138) | 93 | 849 | (6,212) |
| Stanford University (85611) | 12 | 800 | (211) |
| Stanford University (PY-1775-19) | 43 | RD | 266,011 |
| Stanford University (SUB 22179560-41070-D (FA9550-0)) | 12 | 800 | 267,154 |
| Stanford University (SUB 24813100-43926-A (DE-SC000) | 81 | 049 | 78,616 |
| Stanford University (SUB 27918460-51987-C (N6601-11)) | 12 | 910 | 116,956 |
| Stanford University (SUB 60133681 (GM102098)) | 93 | 859 | 58,680 |
| Stanford University (SUB NONE (HL086879)) | 93 | RD | 16,974 |
| Stanford University (UB 60211855-106514-A (AI04305)) | 93 | 310 | 23,402 |
| Stanford University (UCSF#A115710) | 93 | 855 | 47,258 |
| State University of New York (110108252451792) | 93 | 847 | 172,756 |
| State University of New York (54064) | 12 | 910 | 46,800 |
| State University of New York (60806) | 12 | 910 | 29,554 |
| State Water Resources Control Board (32924) | 66 | RD | 87,344 |
| State Water Resources Control Board (32926) | 66 | 454 | 32,943 |
| State Water Resources Control Board (33461) | 66 | 454 | 150,293 |
| Stemrd, Inc. (UCSF#A117551) | 12 | RD | 34,015 |
| Stevens Institute of Technology (O 029 RT 44 (H98230-08-D-0171)) | 12 | 630 | 9,075 |
| Steward Research and Specialty Projects Corporation (029689) | 43 | RD | 189,553 |
| Stone Aerospace/PSC, Inc. (SC-12-32) | 43 | 001 | 51,036 |
| Stony Brook University (a State University of New York campus) (SUB 1009189 (AA008401)) | 93 | 273 | 514,700 |
| Stony Brook University (a State University of New York campus) (SUB 1087677-2-54143 (FA9550-1) | 12 | 800 | 71,445 |
| Stony Brook University (a State University of New York campus) (SUB 51055 (DE-SC0001294)) | 81 | 049 | 275,624 |
| Stony Brook University (a State University of New York campus) (SUB 59540 (EY01180516)) | 93 | 867 | 36,090 |
| Stroud Water Research Center (SUB 340036-55900 (EAR-1332257)) | 47 | 050 | 727 |
| Structured Materials Industries, Inc. (41876-081510-01-006) | 99 | RD | 101,881 |
| Superconductor Technologies, Inc. (Santa Barbara, CA) (87759) | 12 | 800 | (1,052) |
| Superconductor Technologies, Inc. (Santa Barbara, CA) (SUB 0050-UCSD (FA9550-12-C-005) | 12 | 800 | 14,978 |
| Sureharvest (201224832) | 10 | 912 | 4,829 |
| Surfx Technologies, LLC (20130355) | 99 | RD | 26,257 |
| Swog (012258) | 93 | 395 | 260,148 |
| Swog (33145) | 93 | RD | 239,077 |
| Swog (78738) | 93 | 395 | (24,782) |
| Swog (CTSU/E1609) | 93 | 395 | 8,881 |
| Swog (SWOG-41803-CYC3) | 93 | 395 | 22,998 |
| Symplectic Engineering Corporation (026838) | 12 | RD | 91,261 |
| Synthia, LLC (85561) | 93 | 113 | (12) |
| Systap (201224121) | 12 | RD | 46,047 |
| Tahoe Institute for Rural Health Research (33051) | 47 | 041 | (83,035) |
| Tahoe Rf Semiconductor, Inc. (SUB 20104042 (N66001-11-C-5204)) | 12 | 910 | 174,525 |
| Tanner Research, Inc. (UCLA AF0349) | 99 | RD | 92,338 |
| Targeson, LLC (SUB 20104043(DK083142)) | 93 | 847 | 98,654 |
| Targeson, LLC (SUB NONE (HL110496)) | 93 | 837 | 30,219 |
| Tda Research, Inc. (GA.2610.UCI.11.01-CYC1) | 81 | 089 | 95,568 |
| Tda Research, Inc. (GA.2623.UCI.12.01-CYC1) | 81 | 089 | 91,920 |
| Tda Research, Inc. (UCI-09.1-CYC4) | 81 | 089 | 20,000 |
| Technical Data Analysis, Inc. (TDA-1078-001-01-CYC1) | 12 | RD | 14,141 |
| Technical Education Research Centers, Inc. (201300056) | 47 | RD | (118) |
| Techniscan Medical Systems, Inc. (82599) | 93 | 395 | (1,391) |
| Tech-X Corporation (SUB NONE (DE-SC0000832)) | 81 | RD | 11,367 |
| Teledyne Technologies, Inc. (B B9U567443 (HR0011-09-C-0060)) | 12 | 910 | 106,828 |
| Teledyne Technologies, Inc. (B6U517778) | 12 | RD | 64,225 |
| Teledyne Technologies, Inc. (B9U537864) | 12 | RD | 151,675 |
| Teledyne Technologies, Inc. (B9U538772) | 12 | RD | 259,038 |
| Teledyne Technologies, Inc. (G8U543366) | 12 | RD | 619,152 |
| Teledyne Technologies, Inc. (G8U569734) | 12 | RD | 122,472 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Teledyne Technologies, Inc. (G9U571158) | 12 | RD | 385,537 |
| Teledyne Technologies, Inc. (PO00095658) | 12 | 910 | 19,050 |
| Teledyne Technologies, Inc. (PO00099849) | 12 | 910 | 11,787 |
| Teledyne Technologies, Inc. (SUB B1U401292 (HR0011-11-C-01)) | 12 | 910 | 229,188 |
| Temple University (330162-18110) | 47 | 047 | 22,260 |
| Temple University (330162-UCLA) | 47 | 075 | 40,235 |
| Temple University (33793) | 93 | RD | 22,070 |
| Temple University (360502723CC0141411360415047200) | 93 | 389 | 62,101 |
| Temple University (360762-UCLA) | 93 | 242 | 10,974 |
| Temple University (CC0162875:3) | 12 | 351 | 145,366 |
| Tennessee State University (034250) | 47 | RD | 10,614 |
| Terralog Technologies, Inc. (TT-52433-CYC1) | 81 | 087 | 28,818 |
| Terumo Bct (UCSF#A116781) | 12 | RD | 49,235 |
| Terviva Bioenergy (201121462) | 47 | 041 | 34,000 |
| Texas A&M Research Foundation (21896) | 20 | RD | 8,103 |
| Texas A&M Research Foundation (99-S130606) | 93 | 855 | 164,952 |
| Texas A&M Research Foundation (S110049:1) | 20 | 701 | 38,149 |
| Texas A&M Research Foundation (SUB S100062 (GM052964)) | 93 | 859 | 44,791 |
| Texas A&M Research Foundation (UCSF#A118672) | 12 | 420 | 7,516 |
| Texas A&M University - College Station (033015) | 81 | 087 | 165,521 |
| Texas A&M University - College Station (31312) | 12 | 300 | (1,744) |
| Texas A&M University - College Station (99-S130605) | 93 | 855 | 262,494 |
| Texas A&M University - College Station (99-S130607-CYC1) | 93 | 855 | 141,421 |
| Texas A&M University - College Station (A5933) | 12 | 800 | 220,067 |
| Texas A&M University - College Station (C10-00216) | 81 | RD | 56,721 |
| Texas A&M University - College Station (S100043-CYC1) | 10 | 310 | 9,556 |
| Texas A&M University - College Station (S110075) | 10 | 310 | 323,016 |
| Texas A&M University - College Station (S11F0097:2) | 99 | RD | 71,704 |
| Texas A&M University - College Station (SUB 02-S1200S7 (GM102280)) | 93 | 859 | 37,217 |
| Texas Agrilife Research (004539) | 10 | 309 | 83,438 |
| Texas Southern University (12DG11272170007) | 10 | RD | 14,839 |
| Texas Southern University (201223987) | 10 | RD | 45,489 |
| Texas Southern University (SC-10-05-006) | 99 | RD | 27,618 |
| Texas Technical University (006065) | 47 | 076 | 8,595 |
| Texas Technical University (84456) | 10 | RD | 1,145 |
| The College of New Jersey (F1224UCI-CYC1) | 47 | 074 | 49,576 |
| The Forensic Sciences Foundation, Inc. (23242) | 16 | 560 | 4,243 |
| The Forensic Sciences Foundation, Inc. (23247) | 16 | 560 | 5,672 |
| The Forensic Sciences Foundation, Inc. (25371) | 16 | 560 | 454 |
| The Hope Foundation (CA37429) | 93 | 399 | 893 |
| The University of Alabama (Tuscaloosa) (000189671-211) | 99 | RD | 5,829 |
| The University of Alabama (Tuscaloosa) (000331232-001:05) | 93 | 837 | 14,895 |
| ARRA-The University of Alabama (Tuscaloosa) (000341581-001-CYC3) | 93 | 701 | 110,410 |
| The University of Alabama (Tuscaloosa) (000342391-002-CYC3) | 93 | 865 | 63,537 |
| The University of Alabama (Tuscaloosa) (000388010-002) | 93 | 865 | 233,368 |
| The University of Alabama (Tuscaloosa) (000388010-008:2) | 93 | 865 | 60,661 |
| The University of Alabama (Tuscaloosa) (000388010-017) | 93 | 242 | 112,788 |
| The University of Alabama (Tuscaloosa) (000388010-019 (HD040533)) | 93 | 865 | 56,509 |
| The University of Alabama (Tuscaloosa) (000401487-001) | 93 | 855 | 21,583 |
| The University of Alabama (Tuscaloosa) (000419712-001-CYC1) | 43 | 002 | 435,050 |
| The University of Alabama (Tuscaloosa) (000427597-003) | 93 | 853 | 154 |
| The University of Alabama (Tuscaloosa) (22519) | 93 | 837 | 25,168 |
| The University of Alabama (Tuscaloosa) (82532) | 93 | 855 | 45 |
| The University of Alabama (Tuscaloosa) (83298) | 93 | RD | (5,803) |
| The University of Alabama (Tuscaloosa) (83341) | 93 | RD | (9,370) |
| The University of Alabama (Tuscaloosa) (87981) | 93 | 866 | 19,665 |
| The University of Alabama (Tuscaloosa) (DE-AR0000189) | 81 | 049 | 196,451 |
| The University of Alabama (Tuscaloosa) (SUB 000274520-001(HD053074)) | 93 | 279 | 7,564 |
| ARRA-The University of Alabama (Tuscaloosa) (SUB 000318181 (DK079337)) | 93 | 849 | 329,645 |
| The University of Alabama (Tuscaloosa) (SUB 000342391-014 (HD061222)) | 93 | 865 | 152,334 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| The University of Alabama (Tuscaloosa) (SUB 000350727 (DK079337)) | 93 | 847 | 29,179 |
| The University of Alabama (Tuscaloosa) (SUB 000356969-001 (HL092624)) | 93 | 389 | 49,509 |
| The University of Alabama (Tuscaloosa) (SUB 000357678-002 (AR057954)) | 93 | 846 | 88,465 |
| The University of Alabama (Tuscaloosa) (SUB 000397076-006 (AI067039)) | 93 | 855 | 403,010 |
| The University of Alabama (Tuscaloosa) (SUB 000397076-015 (AI067039)) | 93 | 855 | 117,241 |
| ARRA-The University of Alabama (Tuscaloosa) (SUB NONE (AI067039) ARRA) | 93 | 701 | (39) |
| The University of Alabama (Tuscaloosa) (UA12004) | 93 | 865 | 211,778 |
| The University of Alabama (Tuscaloosa) (UCSF#A118455) | 93 | 855 | 453,574 |
| The University of Alabama (Tuscaloosa) (UCSF#A119893) | 93 | 855 | 37,336 |
| The Xerces Society (034409) | 10 | 912 | 7,872 |
| The Xerces Society (201223562) | 10 | 912 | 2,614 |
| Thesan Pharmaceuticals, Inc. (TPI-52790-CYC1) | 93 | 866 | 48,808 |
| Third Wave Technologies, Inc. (TDM689) | 81 | RD | 53,086 |
| Thomas Jefferson University (SUB 080-30000-R99001 (CA14033)) | 93 | 394 | 83,275 |
| Time for Change Foundation (H79TI024020) | 93 | 243 | 33,922 |
| Tocagen, Inc. (20131971) | 93 | 395 | 11,377 |
| Tourette Syndrome Association, Inc. (20074101) | 93 | 853 | 77,414 |
| Tourette Syndrome Association, Inc. (UCSF#A108428) | 93 | 853 | 1 |
| ARRA-Tourette Syndrome Association, Inc. (UCSF#A113969) | 93 | 701 | (8,215) |
| Touro College (1R01DK089216-01-PEDIATRICS END) | 93 | 847 | 143,071 |
| Touro College (1R01DK089216-01-RADIOLOGY-UCSF) | 93 | 847 | 54,093 |
| Touro College (R01DK07833-01-SFGH-UCSF) | 93 | RD | 13,268 |
| Touro College (TOUROUTIV00002) | 93 | RD | 3,494 |
| Toyon Research Corporation (59751) | 12 | 300 | 2,200 |
| Toyon Research Corporation (SC11-5774-1) | 12 | 300 | 62,523 |
| Toyon Research Corporation (SC13-6840-1) | 12 | RD | 3,303 |
| Toyon Research Corporation (SUB SC13-5828-1 (N66001-12-C-)) | 12 | 335 | 42,455 |
| Translational Genomics Research Institute (22521) | 93 | 855 | 5,768 |
| Transphorm, Inc. (SB110193) | 12 | RD | 159,893 |
| Treadstone Technologies, Inc. (SUB ARPAE013002 (DE-AR0000121)) | 81 | 135 | 49,518 |
| Trellis Bioscience, Inc. (UCSF#A120150) | 93 | RD | 50,000 |
| Trellis Bioscience, Inc. (UCSF#A121180) | 93 | 855 | 86,398 |
| ARRA-Triple Ring Technologies, Inc. (NIH01-UCSF1) | 93 | 701 | 14,860 |
| Trius Therapeutics, Inc. (SUB 20110266 (HDTRA1-10-C-000)) | 12 | RD | (7,695) |
| Trudeau Institute, Inc. (201119407) | 93 | RD | 8,998 |
| Tuba City Regional Health Care Corporation (71581) | 93 | RD | 14,331 |
| Tufts University (79527) | 93 | 837 | (13,410) |
| Tufts University (79961) | 93 | 853 | (1,169) |
| Tufts University (SUB 5005009-SERV (AG027002)) | 93 | 866 | 8,783 |
| Tufts University (SUB 5007822-SERV (GM088470)) | 93 | 859 | 12,310 |
| Tulane University (544888) | 93 | 865 | 19,228 |
| Tulane University (88632) | 93 | 279 | 232,259 |
| Tulane University (SUB TUL-HSC-189-09/10(HHSN272)) | 93 | RD | 13,153 |
| Tulane University (SUB TUL-HSC-320 11/12 (AI08356)) | 93 | 855 | 30,208 |
| ARRA-Tulane University (SUBTUL-HSC-238-10/11(HD05210A) | 93 | 701 | 16,734 |
| Tulane University (TUL-589-09/10-CYC4) | 12 | 431 | 340,838 |
| Tunitas Therapeutics (33792) | 93 | RD | 74,012 |
| Tunitas Therapeutics (57062) | 93 | 855 | 3,226 |
| Turner Consulting Group, Inc. (B 20123138 (HHSN268201100090U)) | 93 | RD | 20,163 |
| Uchicago Argonne, LLC (9F-32062) | 81 | RD | 3,878 |
| Ues, Inc. (59805) | 12 | 800 | (5) |
| Ues, Inc. (923-401-002) | 99 | RD | 72,453 |
| Ues, Inc. (S-875-040-005) | 12 | 800 | 24,929 |
| Ues, Inc. (SUB-S-953-17MR003 (FA8650-12-)) | 12 | 800 | 19,135 |
| Uganda Virus Research Institute (UCSF#A118776) | 93 | 067 | 9,616 |
| ARRA-Ultramet (PO 6827) | 99 | RD | 43,821 |
| Unavco, Inc. (EAR-0732947-01) | 47 | 050 | 315,426 |
| Unavco, Inc. (EAR-0732947-S7) | 47 | 082 | 202,339 |
| Unavco, Inc. (GEO-0914704-S2-002) | 47 | 050 | 17,068 |
| Unavco, Inc. (S12-NNX12AF62A-S1) | 43 | 001 | 15,404 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Unavco, Inc. (S13-EAR1255679-S2) | 47 | 050 | 11,607 |
| Unavco, Inc. (SUB CA10 (NNX10AF12A-S2)) | 43 | RD | (9,104) |
| Uncf Special Programs Corporation (SC-12-17) | 43 | RD | 13,891 |
| Unison Resource Company (33545) | 10 | 912 | 33,604 |
| United Technologies Corp (1175855) | 12 | 910 | 164,239 |
| Universal Technology Corporation (11S590002018C1R2) | 12 | RD | 38,507 |
| Universidad Peruana Cayetano Heredia (1R01AI099727-01) | 93 | 855 | 25,703 |
| Universidade Eduardo Mondlane (SUB CC002FUEM2010 (TW008908)) | 93 | 989 | 660,293 |
| Universidade Eduardo Mondlane (SUB CC003FUEM2010 (TW008910)) | 93 | 989 | 172,109 |
| Universities Research Association (operates Fermilab) (573684) | 81 | RD | 127,135 |
| Universities Research Association (operates Fermilab) (600456) | 81 | RD | 100,721 |
| Universities Research Association (operates Fermilab) (604071:03) | 99 | RD | 55,370 |
| Universities Research Association (operates Fermilab) (PO #601656) | 99 | RD | 166,315 |
| Universities Research Association (operates Fermilab) (PO#596112) | 99 | RD | 94,357 |
| Universities Research Association (operates Fermilab) (PO#603654) | 99 | RD | 415,292 |
| Universities Research Association (operates Fermilab) (PO#605974) | 99 | RD | 183,718 |
| Universities Research Association (operates Fermilab) (PO#606445) | 99 | RD | 64,027 |
| Universities Research Association (operates Fermilab) (SUB 606537 (NONE) | 81 | 049 | 690,441 |
| Universities Space Research Association (09960-03) | 43 | RD | 15,921 |
| Universities Space Research Association (87553) | 43 | RD | (697) |
| Universities Space Research Association (URSA-8500-05) | 99 | RD | 400,934 |
| University Corporation for Atmospheric Research (S0867884) | 11 | 431 | 201,309 |
| University Corporation for Atmospheric Research (Z11-92258:01) | 43 | RD | 74,063 |
| University Corporation for Atmospheric Research (Z12-91844) | 99 | RD | 18,176 |
| University Corporation for Atmospheric Research (Z13-10211-CYC1) | 47 | 050 | 2,434 |
| University Corporation for Atmospheric Research (Z13-96407) | 47 | 076 | 28,011 |
| University Health Network (1) | 93 | 847 | 19,446 |
| University of Alaska (09-0026) | 12 | 431 | 16,044 |
| University of Alaska (09-0027) | 12 | 431 | 262,832 |
| University of Alaska (63115) | 11 | 430 | 3,583 |
| University of Alaska (UAF 10-0081) | 11 | 430 | 1,935 |
| University of Arizona (004563) | 10 | 303 | 16,285 |
| University of Arizona (004682) | 10 | 200 | 3,828 |
| University of Arizona (005832) | 99 | 999 | 27,899 |
| University of Arizona (1R01AA02027001A1) | 93 | 273 | 89,458 |
| University of Arizona (49172) | 93 | 859 | 30,864 |
| University of Arizona (67721) | 43 | 001 | 6,943 |
| University of Arizona (78980) | 12 | RD | 4,135 |
| University of Arizona (86298) | 10 | 303 | (1,280) |
| University of Arizona (88870) | 47 | 074 | (21,453) |
| University of Arizona (SUB Y600235(EF-0735191)) | 47 | 074 | 33,209 |
| University of Arizona (SUB (NONE) EMW-2009-FP-00343) | 97 | 044 | 80,950 |
| University of Arizona (SUB 2011 3430 (CMMI 1135033)) | 47 | 041 | 54,288 |
| University of Arizona (SUB 27590 (CA153086)) | 93 | 393 | 84,885 |
| University of Arizona (SUB 70937 (DBI-0735191)) | 47 | 074 | 45,995 |
| University of Arizona (SUB 92941 (DK080801)) | 93 | 847 | 146,298 |
| University of Arizona (SUB Y502629 (EEC-0812072)) | 47 | 041 | 971,865 |
| University of Arizona (SUB Y550113 (RA231-G4)) | 12 | 910 | 83,459 |
| University of Arizona (SUB Y603212 (1032468)) | 47 | 080 | (219) |
| University of Arizona (Y501118) | 47 | 041 | 119,658 |
| University of Arizona (Y502538) | 93 | 855 | 188,540 |
| University of Arizona (Y503161) | 47 | 071 | 170,346 |
| University of Arizona (Y553520) | 47 | 074 | 215,353 |
| University of Arizona (Y554540) | 93 | 866 | 4,849 |
| University of Arizona (Y560260) | 93 | 172 | 227,547 |
| University of Arizona (Y561461:03) | 15 | 820 | 93,333 |
| University of Arizona (Y561462) | 15 | 820 | 57,284 |
| University of Arizona (Y561548) | 93 | 866 | 473,902 |
| University of Arizona (Y561946) | 15 | 820 | 202,298 |
| University of Arizona (Y561985) | 47 | RD | 86,669 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Arizona (Y562139) | 93 | 173 | 26,316 |
| University of Arizona (Y562553) | 47 | 074 | 137,980 |
| University of Arkansas, Fayetteville (CEL-011) | 47 | 041 | 53,375 |
| University of Arkansas, Fayetteville (SA1302028-CYC1) | 16 | 560 | 11,980 |
| University of Arkansas, Fayetteville (UAAES9095702) | 10 | 200 | 1,670 |
| University of Auckland (79359) | 93 | 837 | (1,033) |
| University of Bern (032503) | 93 | 262 | 140,954 |
| University of British Columbia (20114193) | 93 | 279 | 78,076 |
| University of British Columbia (F09-05204) | 93 | 853 | 2,825 |
| University of British Columbia (SUB F09-05198 (NS038529)) | 93 | 853 | 80,050 |
| University of Central Florida (004518) | 81 | 049 | 304,409 |
| University of Central Florida (108603) | 12 | 431 | 6,332 |
| University of Central Florida (24086093-01) | 43 | 001 | 14,232 |
| University of Central Florida (24086097-01) | 47 | 049 | 19,245 |
| University of Central Florida (83080) | 93 | 850 | (3,279) |
| University of Chicago (31738) | 47 | 075 | (599) |
| University of Chicago (34252-A) | 47 | 078 | 186,760 |
| University of Chicago (34252D) | 47 | 078 | 90,699 |
| University of Chicago (36878-3-CYC2) | 93 | 865 | 94,561 |
| University of Chicago (37774) | 93 | 393 | 349,235 |
| University of Chicago (40692) | 43 | RD | 11,152 |
| University of Chicago (42038A) | 93 | 866 | 183,427 |
| University of Chicago (42038-B2) | 93 | 866 | 210,587 |
| University of Chicago (47695-A) | 93 | 279 | 15,379 |
| University of Chicago (5764-EUREKAYR1:03) | 93 | 866 | 243,587 |
| University of Chicago (82454) | 93 | 851 | (1,243) |
| University of Chicago (FP047994-A) | 93 | 310 | 991,996 |
| University of Chicago (FP048069) | 81 | 049 | 37,829 |
| University of Chicago (R01MH093605) | 93 | RD | 110,514 |
| University of Chicago (SUB 39778-5-30823 (AI57153)) | 93 | 855 | 688,000 |
| University of Chicago (SUB FP052186 (OCI-1237524)) | 47 | 080 | 64,181 |
| University of Cincinnati (006883) | 93 | 853 | 34,464 |
| University of Cincinnati (006883) | 93 | 853 | 2,613 |
| University of Cincinnati (COEUS # 7753) | 93 | 853 | 6,355 |
| University of Cincinnati (COEUS# 005695:04) | 93 | 853 | 8,636 |
| University of Cincinnati (COEUS#006883) | 93 | 853 | 117,736 |
| University of Cincinnati (COEUS#007506) | 93 | 855 | 10,688 |
| University of Cincinnati (SUB COEUS 005695 SAP 1006983) | 93 | 583 | 42,914 |
| University of Colorado Boulder (G-3624-14-CYC1) | 47 | 050 | 10,000 |
| University of Colorado System (System Parent Code) (0000066154) | 43 | 002 | 224,089 |
| University of Colorado System (System Parent Code) (0000073256) | 43 | RD | 178,456 |
| University of Colorado System (System Parent Code) (1000013136) | 43 | RD | 21,300 |
| University of Colorado System (System Parent Code) (1000088448) | 43 | RD | 66,940 |
| University of Colorado System (System Parent Code) (1000144280) | 43 | RD | 8,995 |
| University of Colorado System (System Parent Code) (154-5145) | 93 | 172 | 6,240 |
| University of Colorado System (System Parent Code) (154-5648) | 99 | RD | 17,934 |
| University of Colorado System (System Parent Code) (1547149) | 12 | 910 | 121,191 |
| University of Colorado System (System Parent Code) (1548027) | 47 | 074 | 20,578 |
| University of Colorado System (System Parent Code) (1548376) | 12 | 300 | 139,181 |
| University of Colorado System (System Parent Code) (1548642) | 99 | RD | 32,231 |
| University of Colorado System (System Parent Code) (15488351) | 99 | RD | 28,853 |
| University of Colorado System (System Parent Code) (1549359) | 43 | 001 | 13,546 |
| University of Colorado System (System Parent Code) (1U01DE02005401) | 93 | 121 | (10,320) |
| University of Colorado System (System Parent Code) (2527545) | 93 | 394 | 10,480 |
| University of Colorado System (System Parent Code) (58768) | 99 | RD | 7,763 |
| University of Colorado System (System Parent Code) (5R01AR055104) | 93 | 846 | 16,283 |
| University of Colorado System (System Parent Code) (68485-CYC5) | 43 | 002 | 46,748 |
| ARRA-University of Colorado System (System Parent Code) (ARRA0000070168) | 47 | 082 | 5,956 |
| University of Colorado System (System Parent Code) (FY08.064.003) | 93 | 838 | 166,665 |
| University of Colorado System (System Parent Code) (FY08.354.001-CYC5) | 93 | 867 | 49,191 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| ARRA-University of Colorado System (system Parent Code) (FY10.046.0122) | 93 | 701 | 27,456 |
| University of Colorado System (System Parent Code) (FY10.266.001-CYC5) | 93 | 847 | 100,311 |
| University of Colorado System (System Parent Code) (FY11.504.001) | 93 | 279 | 12,313 |
| University of Colorado System (System Parent Code) (FY11.523.014) | 93 | 226 | 3,709 |
| University of Colorado System (System Parent Code) (FY12.083.006-CYC1) | 93 | 242 | 359,254 |
| University of Colorado System (System Parent Code) (FY12.262.001) | 93 | 855 | 12,261 |
| University of Colorado System (System Parent Code) (FY12.294.003) | 93 | 399 | (2,258) |
| University of Colorado System (System Parent Code) (FY13.274.003) | 93 | 847 | 26,525 |
| University of Colorado System (System Parent Code) (FY13.369.006) | 93 | 838 | 27,171 |
| University of Colorado System (System Parent Code) (SUB 000005437 (NNA09DB30A)) | 43 | 999 | 20,934 |
| University of Colorado System (System Parent Code) (SUB FY11.315.002 (2-5-22720)) | 12 | 420 | 62,753 |
| University of Colorado System (System Parent Code) (SUB1546321 (EAR-0724960)) | 47 | 050 | 3,419 |
| University of Connecticut (004906) | 93 | 242 | 80,672 |
| University of Connecticut (SUB 14076 (DE-FE0009682)) | 81 | 089 | 1,604 |
| University of Connecticut (SUB 7012 (AT006466)) | 93 | 213 | 85,956 |
| University of Connecticut (SUB UCHC6-34579056 (HG07005)) | 93 | 172 | 231,745 |
| University of Connecticut (SUB UCHC6-34579569 (HG07005)) | 93 | 172 | 172,581 |
| University of Connecticut (UCHC6-27824029) | 93 | 847 | 11,261 |
| University of Delaware (14630) | 47 | 074 | 64,881 |
| University of Delaware (20508) | 99 | RD | 3,099 |
| University of Delaware (20772) | 47 | 074 | 278,290 |
| University of Delaware (25496) | 43 | 004 | 16,201 |
| ARRA-University of Delaware (SUB 22039(0724971) ARRA) | 47 | 082 | 74,342 |
| University of Florida (005472) | 47 | 074 | 72,116 |
| University of Florida (005524) | 10 | 303 | 35,520 |
| University of Florida (63098) | 12 | 910 | (3) |
| University of Florida (SUB 20090630 (NIDDK/NIAID/NIC) | 93 | RD | 35,901 |
| University of Florida (SUB UF 10223 (DA031017)) | 93 | 279 | 6,103 |
| University of Florida (UF09226) | 10 | 309 | (490) |
| ARRA-University of Florida (UF10176) | 93 | 701 | (46) |
| University of Florida (UF11033-CYC1) | 10 | 310 | 48,553 |
| University of Florida (UF12018) | 81 | 135 | 363,338 |
| University of Florida (UF12147) | 43 | 001 | 15,344 |
| University of Florida (UF-EIES-1205016-CSC) | 12 | 910 | 5,148 |
| ARRA-University of Georgia (83321) | 93 | 701 | (1,131) |
| University of Georgia (84870) | 93 | 837 | (8,401) |
| University of Georgia (RC284-551/4895316) | 10 | 310 | 9,233 |
| University of Georgia (RD3170913503678) | 10 | 303 | 385 |
| University of Georgia (RE677-415/4893056) | 10 | 680 | 4,757 |
| University of Georgia (RR100-555/4785176) | 47 | 078 | 69,619 |
| University of Georgia (RR166-585/3505738) | 47 | 074 | (15) |
| University of Georgia (RR1675404694828) | 47 | 074 | 208,184 |
| University of Georgia (RR185-427/4787526) | 47 | 049 | 100,636 |
| University of Hawaii at Manoa (GM083158) | 93 | RD | 61,470 |
| University of Hawaii at Manoa (HI 110003) | 15 | RD | 6,372 |
| University of Hawaii at Manoa (MA110025:002) | 99 | RD | 63,123 |
| University of Hawaii at Manoa (MA120035) | 43 | 001 | 77,806 |
| University of Hawaii at Manoa (MA130010) | 11 | 012 | 7,900 |
| University of Hawaii at Manoa (SUB KA0074 (DA021146)) | 93 | 279 | 26,639 |
| University of Hawaii at Manoa (SUB Z936293 (NS056883)) | 93 | 853 | 13,294 |
| University of Hawaii at Manoa (UCSF # A120803) | 93 | RD | 90,776 |
| University of Hawaii at Manoa (Z792090-017) | 47 | 074 | 286,376 |
| ARRA-University of Hawaii at Manoa (Z925933 ARRA) | 47 | 082 | 89,780 |
| ARRA-University of Hawaii at Manoa (Z927814-2) | 47 | 082 | 397,312 |
| University of Hawaii at Manoa (Z935708) | 93 | 853 | 36,704 |
| University of Hawaii at Manoa (Z956797) | 93 | 853 | 30,524 |
| University of Houston (58609) | 12 | 910 | (1,343) |
| University of Houston (SUB R-10-0179 (DMR-1006876)) | 47 | RD | 66,767 |
| University of Illinois (2007-00602:05) | 93 | 853 | 2,921 |
| University of Illinois (20070107715) | 47 | 080 | 74,995 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| University of Illinois (2007-01077-22 (OCI-0725070)) | 47 | 080 | 29,212 |
| University of Illinois (2007-01077-24) | 47 | 080 | 20,162 |
| University of Illinois (2007-06015-02-CYC4) | 47 | 041 | 32,850 |
| University of Illinois (2008-02016-02) | 12 | 800 | 182,518 |
| University of Illinois (2008-04984-01) | 93 | 394 | 28,498 |
| University of Illinois (2009-01053-02) | 47 | 050 | 36,462 |
| University of Illinois (2009-01303-03) | 93 | 859 | 680,441 |
| University of Illinois (2010-00365-05) | 93 | 859 | 1,586,638 |
| University of Illinois (20100125102) | 81 | 122 | 179,639 |
| ARRA-University of Illinois (2010-03958-01) | 93 | 728 | 238,628 |
| University of Illinois (2010-04699-01) | 12 | 420 | 34,153 |
| University of Illinois (2010-04904-03) | 12 | 800 | 223,580 |
| University of Illinois (2010-06927-01) | 93 | 242 | 69,281 |
| University of Illinois (20100720002) | 98 | RD | 37,030 |
| University of Illinois (2011-00318-07) | 47 | 080 | 217,574 |
| University of Illinois (2011-01365-01) | 47 | 070 | 93,034 |
| University of Illinois (2011-01617-01-00) | 93 | 286 | 70,204 |
| University of Illinois (2011-01632-02) | 47 | 041 | 69,811 |
| University of Illinois (2011-05857-01) | 12 | 300 | 141,130 |
| University of Illinois (2012-00975-02) | 47 | 050 | 247,779 |
| University of Illinois (2012-01105-01-00) | 93 | RD | 23,020 |
| University of Illinois (2013-01024-01) | 99 | RD | 292,420 |
| University of Illinois (22387) | 43 | RD | 54,842 |
| University of Illinois (30674) | 93 | 361 | 103,142 |
| University of Illinois (32374) | 20 | RD | 130,877 |
| University of Illinois (58712) | 10 | 206 | (8) |
| University of Illinois (63084) | 47 | 050 | 738 |
| University of Illinois (71002) | 93 | 859 | (1,821) |
| University of Illinois (SUB 2007-01077-09 (OCI-07250) | 47 | 080 | 87,426 |
| University of Illinois (SUB 2007-01077-14 (OCI-072507) | 47 | 080 | 42,990 |
| University of Illinois (SUB 2007-01077-18 (OCI-072507) | 47 | 080 | 38,961 |
| University of Illinois (SUB 2007-01077-19 (OCI-072507) | 47 | 080 | 58,517 |
| University of Illinois (SUB 2007-01077-20 (OCI-072507) | 47 | 080 | 30,014 |
| University of Illinois (SUB 2008-04943-01 (CNS-0831653) | 47 | 070 | 10,163 |
| University of Illinois (SUB 2010-07196-03 (OCI-1047916) | 47 | 080 | 149,685 |
| University of Illinois (SUB 2011-00318-13 (OCI-105357) | 47 | 080 | 1,645,290 |
| University of Illinois (SUB NONE (CA154254)) | 93 | 393 | 262,057 |
| University of Illinois (UCSF#A117554) | 93 | 242 | 23,439 |
| University of Innsbruck (030378) | 12 | RD | 497,458 |
| University of Iowa (005719) | 99 | 999 | 4,294 |
| University of Iowa (02031533) | 93 | 853 | 7,196 |
| University of Iowa (1000603847) | 93 | 847 | 53,315 |
| University of Iowa (1000642681) | 12 | 431 | 15,546 |
| University of Iowa (1000766242) | 93 | 113 | 186,288 |
| University of Iowa (1000846891:02) | 93 | 393 | 17,155 |
| University of Iowa (1000977071) | 93 | 838 | 14,779 |
| University of Iowa (1000977072) | 93 | 838 | (11,400) |
| University of Iowa (1001057397:01) | 99 | RD | 89,015 |
| University of Iowa (1117750007) | 93 | 853 | 8,154 |
| University of Iowa (30964) | 93 | 853 | 3,920 |
| University of Iowa (78814) | 93 | 866 | (749) |
| University of Iowa (80156) | 93 | 393 | 80,199 |
| ARRA-University of Iowa (83306) | 93 | 701 | 3,590 |
| University of Iowa (83824) | 93 | 855 | (4,089) |
| University of Iowa (SUB 1000811895 (HL091841)) | 93 | 837 | 26,098 |
| University of Iowa (SUB 1000943446 (NS040068)) | 93 | 853 | 175,382 |
| University of Iowa (W000309549) | 99 | RD | 24,307 |
| University of Iowa (W000376621) | 93 | 121 | 79,057 |
| University of Iowa (W000449875) | 93 | 847 | 358,868 |
| University of Iowa (W000466595) | 47 | 074 | 16,570 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| University of Kansas/Ku Center for Research, Inc. (FY2009-002-CYC5) | 93 | 389 | 163,251 |
| University of Kansas/Ku Center for Research, Inc. (FY2011-031) | 47 | 041 | 120,269 |
| University of Kansas/Ku Center for Research, Inc. (QB847050) | 93 | 103 | 1,117 |
| University of Kansas/Ku Center for Research, Inc. (QB847050-CYC4) | 93 | 103 | 9,960 |
| University of Kansas/Ku Center for Research, Inc. (QF841520) | 93 | 393 | 253 |
| University of Kansas/Ku Center for Research, Inc. (QL814631-CYC1) | 93 | 859 | 30,165 |
| University of Kansas/Ku Center for Research, Inc. (QN858270) | 93 | 279 | 49,162 |
| University of Kentucky Center for Poverty Research (3048109631-13-201-CYC1) | 10 | RD | 897 |
| University of Kentucky/University of Kentucky Research Foundation (3048107090-10-411:02) | 93 | 853 | 22,170 |
| University of Kentucky/University of Kentucky Research Foundation (3048109990-13-156) | 47 | 070 | 1,729 |
| University of Kentucky/University of Kentucky Research Foundation (3049024673-12-553) | 93 | 135 | 202,897 |
| University of Kentucky/University of Kentucky Research Foundation (87330) | 93 | 853 | (70) |
| University of Louisville (IOIC051523Z10E) | 93 | 866 | (424) |
| University of Maryland (0000012388) | 99 | RD | 8,274 |
| University of Maryland (004757) | 47 | 074 | 38,935 |
| University of Maryland (78644) | 93 | 855 | 15,022 |
| University of Maryland (SP00001877) | 93 | 242 | 13,226 |
| University of Maryland (SR000000615) | 93 | 242 | 103,603 |
| University of Maryland (SR00000781) | 93 | 847 | 13,790 |
| University of Maryland (SR00001645) | 93 | 855 | 17,247 |
| University of Maryland (SR000016911) | 93 | 121 | 314,809 |
| University of Maryland (SR00002289-CYC1) | 93 | 855 | 97,158 |
| University of Maryland (SR00002603) | 93 | 855 | 3,748 |
| University of Maryland (SUB SR00001438 (MH086356)) | 93 | 242 | 211,162 |
| University of Maryland (SUB SR00001680 (DK074828)) | 93 | 847 | (2,349) |
| University of Maryland (SUB Z355901 (IOS 1025837)) | 47 | 074 | 229,060 |
| University of Maryland (SUB Z680501 (NNX13AH67G)) | 43 | 001 | 3,810 |
| University of Maryland (SUB Z806902 (FA9550-09-1-0603) | 12 | 800 | 117,051 |
| University of Maryland (SUB Z885203 (W911NF-09-1-0406)) | 12 | 431 | 126,415 |
| University of Maryland (SUB Z887103 (N00014-08-1-0638) | 12 | 300 | 240,979 |
| University of Maryland (Z044801) | 93 | 865 | 12,259 |
| University of Maryland (Z364601-CYC2) | 47 | 049 | 121,577 |
| University of Maryland (Z364602-001) | 47 | 049 | 218,004 |
| University of Maryland (Z546704) | 10 | 309 | 163,767 |
| University of Maryland (Z707301) | 81 | 049 | 356,671 |
| University of Maryland (Z812401) | 12 | 800 | 127,215 |
| University of Maryland (Z840703) | 12 | 431 | 103,686 |
| University of Maryland (Z840704) | 12 | 431 | 6,655 |
| University of Maryland (Z847703) | 12 | 431 | 148,950 |
| University of Maryland (Z847704) | 12 | 431 | 75,270 |
| University of Maryland (Z847706) | 12 | 431 | 105,746 |
| University of Maryland (Z848502) | 12 | 431 | 72,493 |
| University of Maryland (Z882801J) | 12 | 300 | 25,118 |
| University of Maryland (Z918801) | 12 | 431 | 311,764 |
| University of Maryland (Z918806) | 12 | RD | 86,773 |
| University of Maryland (Z939701) | 12 | 800 | 192,259 |
| University of Maryland (Z939702) | 12 | 800 | 135,126 |
| University of Maryland (Z987502) | 20 | 108 | 88,449 |
| University of Maryland (Z987601) | 20 | 108 | 64,518 |
| University of Maryland (Z987801) | 20 | 108 | 93,560 |
| University of Maryland (Z988202) | 20 | 108 | 107,721 |
| University of Maryland (Z989601) | 20 | 108 | 98,463 |
| University of Maryland (Z990102) | 20 | 108 | 103,666 |
| University of Maryland, Baltimore County (SUB 0000012102 (CNS-1259304)) | 47 | 070 | 17,060 |
| University of Massachusetts Amherst (09-0052 33 E 00) | 47 | 049 | 44,426 |
| University of Massachusetts Amherst (09-005344A00) | 93 | 113 | 91,331 |
| University of Massachusetts Amherst (09005344B00) | 93 | 113 | 38,338 |
| University of Massachusetts Amherst (11 005646 B 03:03) | 93 | 855 | 168,954 |
| University of Massachusetts Amherst (12-006903 C 00) | 81 | 135 | 128,611 |
| University of Massachusetts Amherst (13-007361 A 00-CYC1) | 47 | 070 | 15,196 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Massachusetts Amherst (78699) | 81 | 049 | (12,627) |
| University of Massachusetts Amherst (SUB 11-006347 (DE-SC0004485)) | 81 | 049 | 312,678 |
| University of Massachusetts Amherst (SUB 13-007352 (DK064902)) | 93 | 847 | 70,516 |
| ARRA-University of Massachusetts Amherst (SUB10-006153A00-DE-AR0000087AR) | 81 | 135 | (1,587) |
| University of Miami (20082419) | 93 | 864 | 3,364 |
| University of Miami (66171M) | 47 | 050 | 4,976 |
| University of Miami (66437T:05) | 93 | 286 | 216,775 |
| University of Miami (66933Y) | 93 | 279 | 5,000 |
| University of Miami (7R01GM08520502) | 93 | 859 | 89,848 |
| University of Miami (M175215) | 93 | 279 | 364,848 |
| University of Miami (P148130) | 47 | 050 | 402,364 |
| University of Miami (P148822) | 47 | 050 | 178,065 |
| University of Miami (S110005) | 43 | RD | 6,421 |
| University of Miami (SUB NONE (NR012885)) | 93 | 361 | 2,241 |
| University of Michigan (1H34MC193530100) | 93 | 127 | 6,215 |
| University of Michigan (201015375) | 93 | 395 | 19,396 |
| University of Michigan (3000584656) | 47 | 076 | 6,504 |
| University of Michigan (3000691491-RPT) | 93 | 310 | (42,443) |
| University of Michigan (3000770489-ALIAS) | 93 | 853 | 94,398 |
| University of Michigan (3000849789) | 93 | 865 | 84,866 |
| University of Michigan (3001023051-005) | 12 | 800 | 2,122 |
| University of Michigan (3001130178) | 93 | 393 | 3,596 |
| University of Michigan (3001300368-PIII) | 93 | 853 | 149,231 |
| University of Michigan (3001308401) | 47 | 076 | 91,466 |
| University of Michigan (3001346295) | 81 | 049 | 143,736 |
| University of Michigan (3001397038) | 81 | RD | 149,574 |
| ARRA-University of Michigan (3001413298-PNT) | 93 | 853 | 59,053 |
| ARRA-University of Michigan (3001441840) | 93 | 701 | 23,130 |
| University of Michigan (3001458737) | 12 | 800 | 125,432 |
| University of Michigan (3001508393-CYC4) | 93 | 855 | 157,486 |
| University of Michigan (3001515799:4) | 93 | 837 | 123,666 |
| University of Michigan (3001599217) | 99 | RD | 4,855 |
| University of Michigan (3001599217:3) | 93 | 837 | 629 |
| University of Michigan (3001670680) | 47 | 049 | 726 |
| University of Michigan (3001679225-CYC2) | 93 | 859 | 78,839 |
| ARRA-University of Michigan (3001682729) | 93 | 701 | 50,306 |
| ARRA-University of Michigan (3001689705) | 93 | 701 | 59,394 |
| ARRA-University of Michigan (3001740443) | 93 | 701 | 1,159 |
| University of Michigan (3001793564) | 93 | 831 | 32,942 |
| University of Michigan (3001908687) | 43 | 001 | 37,863 |
| University of Michigan (3001922362-BPT) | 93 | 853 | 146 |
| University of Michigan (3001996186) | 12 | 431 | 99,436 |
| University of Michigan (3001996235:03) | 12 | 431 | 237,360 |
| University of Michigan (3002043726UM12-07-CYC1) | 96 | 007 | 30,935 |
| University of Michigan (3002064226) | 93 | 853 | 59,144 |
| University of Michigan (3002112002-SHN) | 93 | 853 | 7,341 |
| University of Michigan (3002144648-CYC1) | 47 | 049 | 42,303 |
| University of Michigan (3002180410:1) | 93 | 393 | 54,344 |
| University of Michigan (3002193571) | 47 | 049 | 93,543 |
| University of Michigan (3002196223) | 93 | 866 | 12,829 |
| University of Michigan (3002249627) | 47 | 049 | 31,207 |
| University of Michigan (3002288682) | 93 | 847 | 155,437 |
| University of Michigan (3002312638) | 93 | 866 | 23,706 |
| University of Michigan (3002335129) | 93 | 859 | 152,286 |
| University of Michigan (3002339702) | 47 | 075 | 107,803 |
| University of Michigan (3002348507-SHN:1) | 93 | 853 | 1,802 |
| University of Michigan (3002386042) | 93 | 866 | 27,687 |
| University of Michigan (3002387269) | 93 | 853 | 25,482 |
| ARRA-University of Michigan (30024183981-PNT) | 93 | 701 | 6,701 |
| University of Michigan (3002447196) | 93 | 859 | 3,566 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| University of Michigan (3002467381) | 43 | 001 | 14,060 |
| University of Michigan (3002467528) | 93 | 838 | 46,403 |
| University of Michigan (3002504955) | 99 | RD | 2,102 |
| University of Michigan (3002516868UM13-04-CYC1) | 96 | 007 | 37,560 |
| University of Michigan (3002601380) | 93 | 866 | 1,408 |
| University of Michigan (72237) | 93 | 389 | (8,255) |
| University of Michigan (78144) | 93 | 399 | (18,273) |
| University of Michigan (82550) | 93 | 865 | 112,643 |
| University of Michigan (F025193) | 93 | 395 | 90,634 |
| University of Michigan (F031109) | 93 | 395 | 32,963 |
| University of Michigan (F032198-CYC1) | 93 | 395 | 291,597 |
| University of Michigan (R37GM039451) | 93 | 859 | 52,976 |
| University of Michigan (SUB 20124774(UNKNOWN)) | 12 | 800 | 411,215 |
| University of Michigan (SUB 3001070733 (PHY-0804114)) | 47 | 049 | (49) |
| University of Michigan (SUB 3001078880 (W911NSF-08-A-0)) | 12 | 431 | 35,206 |
| University of Michigan (SUB 3001689311 (GM096194)) | 93 | 859 | 37,200 |
| University of Michigan (SUB 3002011326 (PHY-1104446)) | 47 | 049 | 80,156 |
| University of Michigan (SUB 3002375941 (HD033487)) | 93 | 865 | 71,509 |
| University of Minnesota (57544) | 93 | 279 | (4,747) |
| University of Minnesota (78725) | 93 | 855 | 25 |
| University of Minnesota (84972) | 93 | 849 | 15,918 |
| ARRA-University of Minnesota (85502) | 93 | 701 | (462) |
| University of Minnesota (8552C) | 93 | 853 | 9,181 |
| University of Minnesota (A0000602701) | 47 | 049 | 176,044 |
| ARRA-University of Minnesota (A000211552-001) | 81 | 122 | 4,774 |
| University of Minnesota (A000213101) | 93 | 838 | 120,119 |
| University of Minnesota (A000239301) | 43 | 001 | 92,128 |
| University of Minnesota (A001768901) | 12 | 800 | 105,688 |
| University of Minnesota (A002069701) | 12 | 910 | 404,281 |
| University of Minnesota (A002292501) | 12 | 800 | 65,540 |
| University of Minnesota (A002611301) | 93 | 286 | 175,604 |
| University of Minnesota (A003260001) | 47 | 041 | 2,289 |
| University of Minnesota (A003457301) | 43 | 001 | 11,770 |
| University of Minnesota (D002520602) | 47 | 074 | 36,907 |
| University of Minnesota (DE-SC0008688) | 81 | RD | 285,614 |
| University of Minnesota (H000575201) | 93 | 172 | 11,843 |
| University of Minnesota (H001930701) | 93 | 865 | 31,113 |
| University of Minnesota (H003254001) | 47 | 074 | 112,145 |
| University of Minnesota (M6616285701) | 93 | 855 | 126,693 |
| University of Minnesota (N002311201 (GM100310)) | 93 | 859 | 166,800 |
| University of Minnesota (N002516457) | 93 | 307 | 235,154 |
| University of Minnesota (P000741003) | 47 | 074 | 999 |
| University of Minnesota (P001344002) | 93 | 838 | 5,136 |
| University of Minnesota (P001344003) | 93 | 838 | 171,439 |
| University of Minnesota (P001435602:2) | 93 | 837 | 1,756 |
| University of Minnesota (P661628540) | 93 | 855 | 24,336 |
| University of Minnesota (P661628545) | 93 | 855 | 81,203 |
| University of Minnesota (SUB N000936910 (NS062091)) | 93 | 853 | 12,445 |
| University of Minnesota (T5366216005) | 47 | 080 | 114,404 |
| University of Minnesota (T5366216006) | 47 | 050 | 9,290 |
| University of Minnesota (UCSF #A120468) | 93 | 847 | (294) |
| University of Minnesota (X5336545101) | 43 | RD | 966,802 |
| University of Minnesota (X5336545102) | 99 | RD | 30,609 |
| University of Mississippi (07-08-013) | 12 | 431 | 17,334 |
| University of Mississippi (09-08-015) | 81 | 089 | 26,590 |
| University of Mississippi (09-09-023) | 11 | 468 | 5,496 |
| University of Mississippi (11-01-039) | 15 | 428 | 1,196 |
| University of Missouri System (Columbia/Kansas City/Rolla/St.Louis) (005947) | 93 | 113 | 129,200 |
| University of Missouri System (Columbia/Kansas City/Rolla/St.Louis) (C00025421-1-CYC2) | 12 | 630 | 46,857 |
| University of Missouri System (Columbia/Kansas City/Rolla/St.Louis) (C000292561) | 10 | 310 | 78,560 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Missouri System (Columbia/Kansas City/Rolla/St.Louis) (C00031686-3(IOS-1114484)) | 47 | 074 | 168,891 |
| University of Missouri System (Columbia/Kansas City/Rolla/St.Louis) (SUB C00018996-1 (DK055835)) | 93 | 847 | 19,583 |
| University of Missouri-Kansas City (004428500036238) | 93 | 273 | 12,792 |
| University of Montana (PG11-64314-01) | 93 | 853 | 90,036 |
| University of Nebraska (2562390235306) | 10 | RD | 141,258 |
| University of Nebraska (SUB 34-5160-2063-001 (MH094160)) | 93 | 242 | 65,854 |
| University of Nebraska (SUB34-5160-2057-111 (MH062261)) | 93 | 242 | 129,852 |
| University of Nebraska (UB 34-5160-2039-110 (MH062261)) | 93 | 242 | 67,840 |
| University of Nevada, Las Vegas/UNLV Research Foundation (R01GM101928) | 93 | RD | 89,975 |
| University of New Hampshire (06-001) | 99 | RD | 663,812 |
| University of New Hampshire (12-006) | 43 | RD | 159,247 |
| University of New Hampshire (12-024) | 47 | 074 | 7,334 |
| University of New Hampshire (13-041) | 99 | RD | 103,885 |
| University of New Mexico (063014-873R) | 47 | 080 | 705,529 |
| University of New Mexico (271387-870D-CYC1) | 12 | 800 | 201,897 |
| ARRA-University of New Mexico (ARRA3R88Z) | 93 | 701 | 3,111 |
| University of New Mexico (OCI0830944) | 47 | 080 | 3,835 |
| University of New Mexico (P0113451) | 47 | RD | 29,913 |
| University of North Carolina at Chapel Hill (20100588-01-UCS) | 47 | 041 | 13,410 |
| University of North Carolina at Chapel Hill (486A00080004300) | 98 | RD | 16,130 |
| University of North Carolina at Chapel Hill (530046) | 93 | 121 | 109,817 |
| University of North Carolina at Chapel Hill (530448) | 93 | 242 | 13,540 |
| University of North Carolina at Chapel Hill (5-30642/5-31202-CYC3) | 93 | 393 | 14,677 |
| University of North Carolina at Chapel Hill (5-31343) | 93 | 172 | (15) |
| University of North Carolina at Chapel Hill (5-31534) | 93 | 855 | 371,548 |
| University of North Carolina at Chapel Hill (531551) | 93 | 855 | 413,336 |
| University of North Carolina at Chapel Hill (5-31553:1) | 93 | 855 | 322,651 |
| University of North Carolina at Chapel Hill (5-31865) | 93 | 242 | 128,362 |
| University of North Carolina at Chapel Hill (5-32546) | 93 | 242 | 18,012 |
| University of North Carolina at Chapel Hill (532727) | 93 | 121 | 358,411 |
| University of North Carolina at Chapel Hill (5-32818 (HG004803)) | 93 | 172 | 15,014 |
| University of North Carolina at Chapel Hill (5-33032) | 93 | 172 | 62,399 |
| University of North Carolina at Chapel Hill (5-33230) | 93 | 855 | 70,153 |
| University of North Carolina at Chapel Hill (5-35014) | 99 | RD | 105,089 |
| University of North Carolina at Chapel Hill (536803) | 12 | 351 | 117,461 |
| University of North Carolina at Chapel Hill (554459) | 84 | 325 | 34,315 |
| University of North Carolina at Chapel Hill (59855) | 93 | 172 | 9,199 |
| University of North Carolina at Chapel Hill (R324CI20006) | 84 | 305 | 270,000 |
| University of North Carolina at Chapel Hill (S-37394) | 99 | RD | 124,270 |
| University of North Carolina at Chapel Hill (SUB 20102774 (OCI-1032732)) | 47 | 074 | 141,009 |
| University of North Carolina at Chapel Hill (SUB 2-32555 (HG002647)) | 93 | 172 | (258) |
| University of North Carolina at Chapel Hill (SUB 5-30810 (HG004803)) | 93 | 172 | 6,986 |
| University of North Carolina at Chapel Hill (SUB 5-37146 (OCI-0940841)) | 47 | 080 | 321,504 |
| University of North Carolina at Chapel Hill (SUB 5-37360 (OCI-1148090)) | 47 | 080 | 32,914 |
| University of North Carolina at Chapel Hill (SUB 5-54730 (OCI-0848296)) | 47 | 080 | 16,678 |
| University of North Dakota (SUB 1308 (DE017102)) | 93 | 121 | 38,620 |
| University of North Texas (63414-1) | 47 | RD | 8,312 |
| University of North Texas (SUB GF2651-3 (HL109340)) | 93 | 837 | 13,404 |
| University of Notre Dame (incl Gem) (09020120) | 47 | 049 | 4,522 |
| University of Notre Dame (incl Gem) (201839) | 12 | 300 | 108,201 |
| University of Notre Dame (incl Gem) (208003) | 12 | RD | 219,854 |
| ARRA-University of Notre Dame (incl Gem) (ARRA209008) | 81 | 049 | 606,368 |
| ARRA-University of Notre Dame (incl Gem) (ARRA2090081) | 81 | 049 | 84,615 |
| University of Notre Dame (incl Gem) (SC-12-02) | 47 | 049 | 16,300 |
| University of Notre Dame (incl Gem) (SC-13-43) | 47 | 049 | 2,837 |
| University of Oklahoma (2011-22) | 93 | 989 | 219,952 |
| University of Oklahoma (83358) | 93 | 061 | (3,295) |
| University of Oregon (208991D) | 47 | 050 | 12,597 |
| University of Oregon (234151H-008) | 81 | 049 | (1,632) |
| University of Oregon (234171B-002) | 81 | 049 | 35,034 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Oregon (234171E) | 81 | 049 | 68,533 |
| University of Oregon (31480) | 81 | 049 | (225) |
| University of Oregon (SUB 212631A (MH087214)) | 93 | 242 | 33,869 |
| University of Oxford (R13579/CN005) | 93 | 847 | 61,227 |
| University of Pennsylvania (08003007) | 93 | 838 | 22,040 |
| University of Pennsylvania (10019510) | 93 | RD | 219,584 |
| University of Pennsylvania (25011) | 93 | 837 | 22,310 |
| University of Pennsylvania (544252-B) | 12 | 431 | 1,341 |
| University of Pennsylvania (549842) | 93 | 838 | 9,960 |
| University of Pennsylvania (550162) | 12 | 300 | 116,209 |
| University of Pennsylvania (550740) | 12 | 300 | 324,726 |
| University of Pennsylvania (551224) | 93 | 185 | 53,965 |
| University of Pennsylvania (553152) | 93 | 396 | 61,865 |
| ARRA-University of Pennsylvania (553418) | 47 | 082 | 123,096 |
| University of Pennsylvania (554289) | 93 | 866 | 6,377 |
| University of Pennsylvania (554679) | 47 | 075 | 23,459 |
| University of Pennsylvania (554968) | 12 | RD | 135,084 |
| University of Pennsylvania (554995) | 12 | 910 | 91,283 |
| ARRA-University of Pennsylvania (555844) | 93 | 701 | 88,983 |
| University of Pennsylvania (556016) | 12 | 800 | 226,838 |
| University of Pennsylvania (556407) | 93 | 396 | 173,063 |
| University of Pennsylvania (557172-UCSF#A118127) | 93 | 838 | 81,878 |
| University of Pennsylvania (557199) | 93 | 855 | 111,291 |
| University of Pennsylvania (557412) | 93 | 846 | 198,790 |
| University of Pennsylvania (557804) | 93 | RD | 66,202 |
| University of Pennsylvania (557821) | 93 | 859 | 155,807 |
| University of Pennsylvania (559717) | 93 | 866 | 13,337 |
| University of Pennsylvania (559918) | 12 | 300 | 92,097 |
| University of Pennsylvania (560236) | 93 | 279 | 15,789 |
| University of Pennsylvania (79325) | 93 | 838 | 1 |
| University of Pennsylvania (83018) | 93 | 855 | (949) |
| University of Pennsylvania (SUB 5 52206 (AG030644)) | 93 | 866 | 607,613 |
| University of Pennsylvania (SUB 548874 (AI068730)) | 93 | 856 | 15,584 |
| University of Pennsylvania (SUB 549727(AI052845)) | 93 | 856 | 13,718 |
| University of Pennsylvania (SUB 550162 (N00014-08-1-0747)) | 12 | 300 | 120,180 |
| University of Pennsylvania (SUB 552082 (FA9550-09-1-0900)) | 12 | 800 | 71,035 |
| University of Pennsylvania (SUB 552499 (AI082020)) | 93 | 856 | 47,022 |
| ARRA-University of Pennsylvania (SUB 553463 (HL101834) ARRA) | 93 | 701 | 491 |
| University of Pennsylvania (SUB 557804 (AG037679)) | 93 | 866 | 63,714 |
| University of Pennsylvania (UCSF#A111894) | 93 | 838 | 16,224 |
| University of Pennsylvania (UCSF#A112454) | 93 | RD | 19,917 |
| University of Pennsylvania (UCSF#A116246) | 93 | 279 | 35,980 |
| University of Pennsylvania (UCSF#A119296) | 93 | 839 | 16,447 |
| University of Pennsylvania (UCSF#A119315) | 93 | 838 | 167,587 |
| University of Pittsburgh (0001933/113402-8) | 93 | 838 | 76,133 |
| University of Pittsburgh (0003186PROJECT1159871) | 93 | 855 | 116,821 |
| University of Pittsburgh (0004757-CYC5) | 93 | 361 | 13,173 |
| University of Pittsburgh (0005070) | 93 | 242 | 48,073 |
| University of Pittsburgh (0005432 (112885-5)05) | 93 | 866 | 4,279 |
| University of Pittsburgh (0008871) | 93 | 279 | 90,514 |
| University of Pittsburgh (0009195/114123-104) | 93 | 866 | 3,086 |
| University of Pittsburgh (0010745 (404453-8)) | 12 | 431 | 114,251 |
| University of Pittsburgh (0010745) | 12 | 420 | 303,373 |
| University of Pittsburgh (0011424 (118245-9)-CYC2) | 93 | 865 | (46,460) |
| University of Pittsburgh (0013027 (118414-03)) | 93 | 866 | 35,280 |
| University of Pittsburgh (0013027(118414-02)) | 93 | 866 | 74,526 |
| University of Pittsburgh (0013539(119868-01)) | 93 | 859 | 26,901 |
| University of Pittsburgh (0013599) | 93 | 837 | 50,300 |
| University of Pittsburgh (0013993) | 93 | 855 | 43,703 |
| University of Pittsburgh (0014426 (119323-1)) | 93 | 838 | 137,588 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Pittsburgh (0014426(118315-1)) | 93 | 838 | 92,486 |
| University of Pittsburgh (0016623(116438-5)) | 93 | 838 | (1,221) |
| University of Pittsburgh (0016623) | 93 | 838 | 62,191 |
| University of Pittsburgh (0017360 (121726-1)) | 93 | 226 | 27,722 |
| University of Pittsburgh (0017503(121549-1)) | 93 | 865 | 49,652 |
| University of Pittsburgh (0017881 (121318-2)) | 93 | 242 | 141,896 |
| University of Pittsburgh (0019358(119075-2)) | 93 | 391 | 72,266 |
| University of Pittsburgh (0019692 (120794-2)) | 93 | 865 | 241,993 |
| University of Pittsburgh (0019713 (406200-1)) | 12 | 800 | 422,824 |
| University of Pittsburgh (0019927(118536-5)) | 93 | 847 | 89,847 |
| University of Pittsburgh (0021246 (121497-1)) | 93 | 865 | 6,444 |
| University of Pittsburgh (0024031-5) | 99 | RD | 26,790 |
| University of Pittsburgh (0024922 (120171-3)-CYC1) | 93 | 865 | 152,936 |
| University of Pittsburgh (0025841(11986201)) | 93 | 136 | 21,846 |
| University of Pittsburgh (0026567(11933702)) | 93 | 865 | 19,000 |
| University of Pittsburgh (0032557 (122424-1)) | 93 | 394 | 46,231 |
| University of Pittsburgh (007084) | 93 | 393 | 11,683 |
| University of Pittsburgh (25719) | 93 | RD | 38,636 |
| University of Pittsburgh (32718) | 93 | 865 | (42,916) |
| University of Pittsburgh (57862) | 93 | 838 | (33) |
| University of Pittsburgh (58035) | 93 | 838 | 329 |
| University of Pittsburgh (59749) | 93 | 847 | 20,136 |
| University of Pittsburgh (72886) | 93 | 077 | 13,865 |
| University of Pittsburgh (79221) | 93 | 838 | 3,745 |
| ARRA-University of Pittsburgh (79723) | 93 | 701 | (110) |
| ARRA-University of Pittsburgh (83301) | 93 | 701 | (1,264) |
| University of Pittsburgh (84719) | 93 | 866 | 74,508 |
| University of Pittsburgh (87467) | 93 | 847 | (977) |
| University of Pittsburgh (87957) | 93 | 242 | 12,484 |
| University of Pittsburgh (9000613) | 93 | 859 | 12,638 |
| University of Pittsburgh (9002952) | 93 | 242 | 10,966 |
| ARRA-University of Pittsburgh (9006004) | 93 | 701 | (5,360) |
| University of Pittsburgh (9007196 (120210-1) (MH090333)) | 93 | 242 | 23,836 |
| ARRA-University of Pittsburgh (ARRA9004641) | 93 | 701 | 16,330 |
| University of Pittsburgh (SUB0019809 118655-1(GM065188)) | 93 | 859 | 49,108 |
| University of Puerto Rico (DEB-0620910) | 47 | 074 | 1,507 |
| University of Puerto Rico (UCSF#A109681) | 93 | RD | 33,612 |
| University of Rochester (23356) | 93 | 867 | 25,538 |
| University of Rochester (414157-G-005) | 93 | 172 | 1,353 |
| University of Rochester (414466-G) | 93 | 867 | 245,061 |
| University of Rochester (414467-G) | 93 | 867 | 133,076 |
| University of Rochester (414575-G-CYC4) | 93 | 361 | 142,285 |
| University of Rochester (414845-G-CYC3) | 93 | 866 | 2,498 |
| University of Rochester (415025-G) | 81 | 049 | 129,485 |
| University of Rochester (415415-G) | 93 | RD | 48,347 |
| University of Rochester (415597G) | 93 | 393 | 303,139 |
| University of Rochester (415681G527019) | 93 | 853 | 3,080 |
| University of Rochester (415705G) | 93 | 839 | 1,375 |
| University of Rochester (415772-G-CYC1) | 93 | 866 | 41,640 |
| University of Rochester (415811-G-CYC2) | 93 | 866 | 51,980 |
| University of Rochester (416114G) | 93 | 867 | 294 |
| University of Rochester (525213) | 93 | 393 | 22,061 |
| University of Rochester (80205) | 93 | 853 | 513 |
| University of Rochester (83031) | 93 | 172 | 9,438 |
| University of Rochester (83145) | 93 | 172 | 3,962 |
| University of Rochester (83312) | 93 | 172 | 1,033 |
| University of Rochester (85567) | 93 | 853 | (147) |
| University of Rochester (PO# 415680-G/5-27949) | 93 | 853 | 40 |
| University of Rochester (PO#415072-G) | 93 | 865 | 131 |
| University of Rochester (SUB 414943-G (DE-SC-0001063)) | 81 | 410 | 156,851 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Rochester (SUB 415024-G (DE-FC02-O4ER547) | 81 | 049 | 300,528 |
| University of Rochester (SUB 415505-G(AI094511)) | 93 | 855 | 31,867 |
| University of Rochester (SUB 415635-G (DE-FC52-08NA2830) | 89 | 049 | 80,395 |
| University of Rochester (SUB 415936-G (DE-FC52-08NA283) | 81 | 112 | 74,951 |
| University of Rochester (SUB PO#414006-G (N00014-07-1-) | 12 | 300 | 29,221 |
| University of San Diego (F11084-U2011-07) | 47 | 078 | 1,441 |
| University of San Diego (F12078-U2013-005) | 47 | 076 | 88,139 |
| University of San Diego (PHYSS1165-U2012-002) | 12 | 800 | 44,906 |
| University of South Carolina (005304) | 47 | 082 | 36,948 |
| University of South Carolina (07-1412-CYC7) | 12 | RD | 40,547 |
| University of South Carolina (07-141306) | 12 | 431 | 56,016 |
| University of South Carolina (10-1723) | 81 | 049 | 34,754 |
| University of South Carolina (12-2005:1) | 93 | 233 | 266,132 |
| University of South Carolina (12-2030) | 12 | 420 | 62,780 |
| University of South Carolina (132320) | 93 | 242 | 1,994 |
| University of South Carolina (3R01MH09019402S1) | 93 | 242 | 61,493 |
| University of South Florida (09000015) | 93 | RD | 3,585 |
| University of South Florida (6119111700AQ) | 93 | RD | 251,142 |
| University of South Florida (UCSF#A111732) | 93 | 847 | 206,815 |
| University of Southern California (004669) | 93 | 846 | 62,048 |
| University of Southern California (005075) | 93 | 866 | 65,696 |
| University of Southern California (005522) | 99 | 999 | 95,580 |
| University of Southern California (005591) | 15 | 999 | 14,957 |
| University of Southern California (005871) | 47 | 050 | 5,130 |
| University of Southern California (005872) | 47 | 050 | 1,087 |
| University of Southern California (005874) | 47 | 050 | 3,865 |
| University of Southern California (005875) | 47 | 050 | 7,067 |
| University of Southern California (005877) | 47 | 050 | 2,625 |
| University of Southern California (07002267) | 93 | 866 | 29,972 |
| University of Southern California (10048936) | 93 | 866 | 94,367 |
| University of Southern California (111697-CYC11) | 93 | 865 | 70,170 |
| University of Southern California (129620) | 93 | 867 | 109,718 |
| University of Southern California (131534) | 93 | 867 | 51,951 |
| University of Southern California (141845) | 93 | 855 | 149,481 |
| University of Southern California (141848) | 93 | 855 | 35,765 |
| University of Southern California (149116-CYC3) | 93 | 286 | 70,888 |
| University of Southern California (149118) | 47 | 050 | 3,725 |
| University of Southern California (149703-002) | 47 | 050 | 124,252 |
| University of Southern California (153313:02) | 93 | 242 | 47,467 |
| University of Southern California (153834) | 93 | 859 | 876,907 |
| University of Southern California (154897) | 12 | 910 | 66,668 |
| University of Southern California (156246) | 47 | 050 | 8,461 |
| University of Southern California (157567) | 12 | 557 | 45,663 |
| University of Southern California (157598) | 47 | 050 | 32,000 |
| University of Southern California (157939) | 15 | RD | 104,019 |
| University of Southern California (157941) | 12 | 910 | 101,034 |
| University of Southern California (158857) | 12 | 300 | 356,498 |
| University of Southern California (158860-CYC1) | 12 | 300 | 121,734 |
| University of Southern California (160006-CYC1) | 97 | 061 | 10,186 |
| University of Southern California (160012) | 93 | 242 | 6,838 |
| University of Southern California (162617) | 81 | 122 | 257,542 |
| University of Southern California (165060) | 12 | 910 | 205,397 |
| University of Southern California (1R21HG006761) | 93 | 172 | 10,264 |
| University of Southern California (201300823) | 93 | 866 | 128,173 |
| University of Southern California (32742551-CYC1) | 15 | 808 | 10,730 |
| University of Southern California (32774854) | 47 | 050 | 5,694 |
| University of Southern California (33930) | 93 | 866 | 44,514 |
| University of Southern California (34339018) | 93 | 397 | 57,820 |
| University of Southern California (36506652-CYC1) | 93 | 389 | 392,307 |
| University of Southern California (37802972) | 93 | 310 | 13,639 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Southern California (38404991) | 93 | 397 | 67,743 |
| University of Southern California (40244683-CYC1) | 47 | 050 | 3,228 |
| University of Southern California (50006061) | 93 | 242 | 45,011 |
| University of Southern California (58211) | 47 | 050 | 2,500 |
| University of Southern California (58222) | 93 | 847 | 2,320 |
| University of Southern California (58293) | 47 | 050 | 251 |
| University of Southern California (58296) | 47 | 050 | 6,434 |
| University of Southern California (59007) | 99 | RD | (8,117) |
| University of Southern California (77550) | 81 | 122 | (12,264) |
| University of Southern California (77836) | 97 | 061 | (269) |
| University of Southern California (78052) | 47 | 050 | 138 |
| University of Southern California (79092) | 47 | 050 | 9,517 |
| University of Southern California (79483) | 93 | 866 | (17,193) |
| University of Southern California (79818) | 47 | 050 | 879 |
| University of Southern California (79844) | 47 | 050 | 26,663 |
| University of Southern California (80035) | 93 | 847 | 112 |
| University of Southern California (85512) | 93 | 866 | 7,503 |
| University of Southern California (85525) | 93 | 242 | (12,560) |
| University of Southern California (85585) | 93 | 866 | (2) |
| University of Southern California (87940) | 93 | 242 | (17) |
| University of Southern California (88101) | 93 | 273 | 110,911 |
| University of Southern California (DBI0820846) | 47 | 074 | 25,923 |
| University of Southern California (H 51500) | 93 | 866 | 8,973 |
| University of Southern California (H39713) | 93 | 865 | 20,372 |
| University of Southern California (H39719) | 93 | 394 | 74,895 |
| University of Southern California (H40302) | 93 | 866 | 137,290 |
| University of Southern California (H43620) | 93 | 394 | 31,570 |
| University of Southern California (H46397) | 93 | 393 | 44,796 |
| ARRA-University of Southern California (H47019) | 93 | 701 | 162,062 |
| University of Southern California (H47397) | 93 | 866 | 17,501 |
| University of Southern California (H47451) | 93 | 866 | (15,152) |
| University of Southern California (H48483) | 93 | 866 | (27,120) |
| University of Southern California (H49955:03) | 93 | 121 | 151 |
| University of Southern California (H504451) | 93 | 213 | 34,251 |
| University of Southern California (H50594) | 93 | 397 | 3,170 |
| University of Southern California (H50595) | 93 | 397 | 186,399 |
| University of Southern California (H50599) | 93 | 866 | 46,612 |
| University of Southern California (H51479) | 93 | 273 | 4,439 |
| University of Southern California (H51480) | 93 | 273 | 113,179 |
| University of Southern California (H51481-CYC2) | 93 | 242 | 131,713 |
| University of Southern California (H51492) | 93 | 847 | 16,781 |
| University of Southern California (I08681) | 93 | 389 | 192,018 |
| ARRA-University of Southern California (SUB 138823 (OCI-0943725) ARRA) | 47 | 082 | 87,459 |
| University of Southern California (SUB 149706 (EAR 0949443)) | 47 | 050 | (28,655) |
| University of Southern California (SUB 157575 (EB012058)) | 93 | 286 | 81,785 |
| University of Southern California (SUB 2010-ST-061-RE0001 (160001) | 97 | 061 | 40,616 |
| University of Southern California (SUB 33756949 (OCI-1148493)) | 47 | 080 | 76,342 |
| University of Southern California (SUB 33807683 (EAR-1226343)) | 47 | 050 | 48,203 |
| University of Southern California (SUB 36687211 (AA011999)) | 93 | 273 | 11,864 |
| University of Southern California (SUB H44244 (AA011999)) | 93 | 273 | 78,065 |
| University of Southern California (SUB H51478 (AA011999)) | 93 | 273 | 20,430 |
| University of Southern California (SUB NONE (HL111437)) | 93 | 837 | 130,514 |
| University of Southern California (SUB Y86196 (EAR-1033462)) | 47 | 050 | 37,661 |
| University of Southern California (SUB Y908219 (HR0011-12-C-0094)) | 12 | RD | 154,821 |
| University of Southern California (Y80806 AKCIZ-CYC1) | 15 | 808 | 7,348 |
| University of Southern California (Y80806 GRANT-CYC1) | 15 | 808 | 30,373 |
| University of Southern California (Y81712) | 47 | 050 | 59,259 |
| University of Southern California (Y81712-01) | 47 | 050 | 22,387 |
| University of Southern California (Y81716) | 47 | 050 | 56,648 |
| University of Southern California (Y83282) | 47 | 041 | 211,254 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Southern California (Y83814) | 93 | 113 | 59,414 |
| University of Southern California (Y86195) | 47 | 050 | 22,747 |
| University of Southern California (Y86552-A) | 47 | 050 | 112,895 |
| University of Southern California (Y86564) | 47 | 050 | 117,174 |
| University of Southern California (Y88412) | 47 | 050 | 41,201 |
| University of Southern California (Y88706) | 93 | 866 | 262,286 |
| University of Southern California (Y89181) | 93 | 113 | 50,533 |
| University of Southern California (Y89396) | 93 | RD | 18,627 |
| University of Southern California (Y90456) | 12 | 420 | 28,218 |
| University of St. Thomas (260068) | 47 | 074 | 62,934 |
| University of Tennessee (800017668) | 10 | 303 | 3,271 |
| University of Tennessee (8500012912) | 47 | 074 | 24,198 |
| University of Tennessee (8500017667) | 10 | 303 | 234 |
| University of Tennessee (9000009936) | 93 | 867 | 10,777 |
| University of Tennessee (A110141S001) | 93 | 113 | 9,339 |
| University of Tennessee (A110221S002) | 84 | 305 | 161,471 |
| ARRA-University of Tennessee (ARRAR073037319) | 93 | 701 | 19,316 |
| University of Tennessee (OR1366600104) | 43 | RD | 19,077 |
| University of Tennessee (OR-A11-0263-001.01) | 81 | 089 | 113,776 |
| University of Tennessee (SUB 8500026858 (NONE)) | 47 | 049 | 50,124 |
| University of Tennessee (SUB A12-0848-S001 (OCI-113709) | 47 | 080 | 15,360 |
| University of Texas - Pan American (005677) | 12 | 630 | 29,551 |
| University of Texas System (10-025) | 93 | 113 | 332 |
| University of Texas System (11-077) | 12 | RD | 12,597 |
| University of Texas System (12-097) | 93 | 855 | 71,457 |
| University of Texas System (12100) | 93 | 865 | 15,400 |
| University of Texas System (SUB 09-030 (GM066170)) | 93 | 862 | 15,867 |
| University of Texas-Austin (82952) | 47 | 050 | 92,810 |
| ARRA-University of Texas-Austin (ARRAOC10906379) | 47 | 082 | 10,927 |
| University of Texas-Austin (UTA08-487-CYC7) | 93 | 394 | 7,147 |
| University of Texas-Austin (UTA10-000939.03) | 93 | 242 | 68,626 |
| University of Texas-Austin (UTA10-001065) | 47 | 078 | 6,651 |
| University of Texas-Austin (UTA11-000572) | 12 | 300 | 80,837 |
| University of Texas-Austin (UTA11-000645:02) | 12 | 300 | 51,521 |
| University of Texas-Austin (UTA11-000810-CYC2) | 93 | 865 | 25,561 |
| University of Texas-Austin (UTA11-001081) | 47 | 050 | 113,502 |
| University of Texas-Austin (UTA12000502) | 93 | 865 | 55,119 |
| University of Texas-Austin (UTA12-000609-CYC1) | 43 | 001 | 50,336 |
| University of Texas-Austin (UTA12-000748) | 12 | 800 | 48,738 |
| University of Texas-Austin (UTA12-000944) | 47 | 041 | 297,723 |
| University of Texas-Austin (UTA13-000215) | 47 | 074 | 23,299 |
| University of Texas-Dallas (100265) | 47 | 070 | 139,909 |
| University of Texas-Dallas (121228-CYC1) | 47 | 049 | 173,616 |
| University of Texas-Dallas (79343) | 93 | 242 | 6,648 |
| University of Texas-El Paso (26-1008-29-61) | 47 | 049 | 46,948 |
| University of Texas-El Paso (26-1408-89-61) | 93 | 588 | 24,035 |
| University of Texas-Houston (0007120-0007264B) | 12 | RD | 146,416 |
| University of Texas-Houston (0007266A) | 93 | 879 | 6,693 |
| University of Texas-Houston (0007783A) | 84 | 324 | 20,324 |
| University of Texas-Houston (0008027C) | 93 | 999 | 906,956 |
| University of Texas-Houston (00910669/54441/98010669) | 93 | 393 | 79,334 |
| University of Texas-Houston (12042582/98110548) | 93 | 393 | 41,333 |
| University of Texas-Houston (12052705/00910704) | 93 | 393 | 18,633 |
| University of Texas-Houston (12062993 / 98110654) | 93 | 393 | 54,056 |
| University of Texas-Houston (25275/98215283) | 93 | 121 | 80,313 |
| University of Texas-Houston (29837/98018441) | 93 | 399 | 13,900 |
| University of Texas-Houston (72821) | 93 | 396 | 156,055 |
| University of Texas-Houston (93869) | 93 | 777 | (37) |
| University of Texas-M.D. Anderson Cancer Center (SUB 12094225 (CA097007) | 93 | 396 | 98,248 |
| ARRA-University of Texas-M.D. Anderson Cancer Center (SUB28682/98013850(CA148263)ARR) | 93 | 395 | 99,309 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Texas-San Antonio (131932/131929) | 93 | 397 | 218,269 |
| University of Texas-San Antonio (151258/151249-CYC2) | 93 | 393 | (8,228) |
| University of Texas-San Antonio (3100-02BERKELEY) | 98 | 001 | 60,910 |
| University of Texas-San Antonio (83147) | 93 | 853 | 396 |
| University of Texas-San Antonio (SUB 152236 152126 (AI070412) | 93 | 855 | 57,024 |
| University of Texas-Southwestern Medical Center at Dallas (120504) | 93 | 847 | 863 |
| University of Texas-Southwestern Medical Center at Dallas (120903:1) | 93 | 213 | 329,796 |
| University of Texas-Southwestern Medical Center at Dallas (82496) | 93 | RD | - |
| University of Texas-Southwestern Medical Center at Dallas (GMO-111127) | 93 | 847 | 138,976 |
| University of Texas-Southwestern Medical Center at Dallas (GMO-111128) | 93 | 848 | 104,310 |
| University of Texas-Southwestern Medical Center at Dallas (GMO-901012) | 93 | 395 | 53,434 |
| University of The Pacific (UCSF#A117666) | 93 | RD | 10,000 |
| University of the State of New York, The (82960) | 47 | 074 | (617) |
| University of Toronto (78985) | 12 | 910 | 1,550 |
| University of Utah (10004246) | 12 | 630 | 36,283 |
| University of Utah (10005037) | 93 | 172 | 33,287 |
| University of Utah (10006338) | 93 | 853 | 69,361 |
| ARRA-University of Utah (10009050-15ARRA) | 99 | RD | (8,044) |
| University of Utah (10009050-15CAPITATED:01) | 99 | RD | 196,328 |
| University of Utah (10015453) | 93 | 867 | 9,019 |
| University of Utah (10015453-02) | 93 | 867 | (6,393) |
| University of Utah (10019040-S2-CYC3) | 81 | 049 | 66,882 |
| University of Utah (10020594-1) | 93 | 172 | 74,194 |
| University of Utah (1002769-02) | 99 | RD | 42,492 |
| University of Utah (10028801UCDAVIS) | 12 | RD | 201,275 |
| University of Utah (10029173-S3) | 12 | 800 | 54,540 |
| University of Utah (2102090) | 93 | RD | 89,689 |
| University of Utah (2506064S2) | 47 | 049 | 2,714 |
| University of Utah (33130) | 93 | RD | 70,715 |
| University of Utah (85550) | 93 | RD | 64 |
| University of Utah (85792) | 47 | 049 | 42,208 |
| University of Virginia (59840) | 12 | 800 | (289) |
| University of Virginia (83237) | 93 | 862 | (3,911) |
| University of Virginia (GA10753131899) | 47 | 076 | 40,166 |
| University of Virginia (GA10791-133816) | 47 | 049 | 4,768 |
| University of Virginia (GC12056-138846:01) | 93 | 838 | 82,509 |
| University of Virginia (GC12114-139263) | 93 | 113 | 26,644 |
| University of Virginia (GC12130-139092) | 93 | 859 | 94,111 |
| University of Virginia (GG10919-127974) | 12 | 300 | 60,741 |
| University of Virginia (GG10931-128298) | 12 | 300 | 76,330 |
| University of Virginia (GG10959128686) | 12 | 800 | 22,936 |
| University of Virginia (GG11083-134569) | 12 | 300 | 163,075 |
| University of Virginia (GG11186-132917-004) | 12 | 300 | 53,231 |
| University of Virginia (GG11371-136702) | 12 | 910 | (46) |
| University of Virginia (GG11432-138191) | 12 | 910 | 53,104 |
| University of Virginia (GL10035-142660) | 11 | 431 | 17,194 |
| University of Virginia (GL10037-142900) | 11 | 431 | 16,193 |
| University of Virginia (GL10037-142910) | 11 | 431 | 45,737 |
| University of Virginia (GM10087-125784) | 84 | 305 | 66,919 |
| University of Virginia (SUB 140281 (AI070491)) | 93 | 855 | 153,425 |
| University of Virginia (SUB GC11969-136363 (HL048908)) | 93 | 837 | 58,936 |
| University of Virginia (SUB GC12038-140273 (AA019720)) | 93 | 273 | 404,538 |
| University of Virginia (SUB GC12173-141866 (CA158328)) | 93 | 393 | 10,157 |
| University of Washington (005733) | 93 | 143 | 44,615 |
| University of Washington (033776) | 15 | RD | 12,146 |
| University of Washington (0747088-CYC1) | 93 | 847 | 65,922 |
| University of Washington (20103850021758) | 10 | 200 | 970 |
| University of Washington (25415) | 10 | 200 | 146 |
| University of Washington (25890) | 93 | 853 | 2,983 |
| University of Washington (33530) | 10 | 200 | 3,517 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Washington (431055) | 47 | 049 | 20,878 |
| University of Washington (432797) | 66 | 509 | 169,750 |
| University of Washington (448569) | 93 | RD | (7) |
| University of Washington (464578) | 10 | 200 | 877 |
| University of Washington (465784) | 93 | 866 | 4,621 |
| University of Washington (541997) | 93 | 864 | 157,001 |
| University of Washington (556159) | 93 | 837 | 6,471 |
| University of Washington (59277) | 12 | 910 | 43,673 |
| University of Washington (601457) | 43 | RD | 72,003 |
| University of Washington (655935) | 93 | 866 | 40,307 |
| University of Washington (663674) | 47 | 049 | 97,393 |
| University of Washington (664724) | 93 | 113 | 40,097 |
| ARRA-University of Washington (668761Z) | 93 | 701 | (1,014) |
| University of Washington (682873) | 47 | 050 | 73,325 |
| University of Washington (694146) | 93 | 361 | 6,427 |
| University of Washington (701474-CYC3) | 93 | 273 | 199,297 |
| University of Washington (703331) | 99 | RD | 14,890 |
| University of Washington (715141) | 93 | 113 | 4,559 |
| University of Washington (717725) | 10 | 200 | 852 |
| ARRA-University of Washington (718853Z) | 93 | 701 | 1,375 |
| University of Washington (720069-CYC2) | 93 | 865 | 82,301 |
| University of Washington (721200) | 10 | 200 | 5,175 |
| University of Washington (721201) | 10 | 200 | 23,298 |
| University of Washington (721203) | 10 | 200 | 25,564 |
| University of Washington (721784) | 93 | 866 | 24,999 |
| University of Washington (723394) | 93 | 838 | 19,988 |
| University of Washington (725445) | 47 | 074 | 4,229 |
| University of Washington (726916) | 47 | 074 | 26,191 |
| University of Washington (727152) | 10 | 310 | 514,427 |
| University of Washington (727195) | 43 | 001 | 150 |
| University of Washington (727449) | 93 | 853 | 18,589 |
| University of Washington (727574) | 47 | 049 | 77,627 |
| University of Washington (727977) | 93 | 135 | 62,477 |
| University of Washington (728255) | 81 | 049 | 167,759 |
| University of Washington (729081) | 93 | 067 | 442,105 |
| University of Washington (730506) | 93 | 865 | 671,213 |
| University of Washington (730879) | 93 | 846 | 15,560 |
| University of Washington (734004) | 93 | 837 | (1,030) |
| University of Washington (734580) | 10 | 200 | 46 |
| University of Washington (735344) | 47 | 050 | 16,290 |
| University of Washington (739640) | 93 | 172 | 329,839 |
| University of Washington (741812-CYC1) | 93 | 866 | 25,000 |
| University of Washington (741813) | 93 | 866 | 70,246 |
| University of Washington (744365-CYC1) | 93 | 855 | 38,375 |
| University of Washington (744898) | 47 | RD | 181,251 |
| University of Washington (744909) | 47 | 047 | 151,951 |
| University of Washington (745379) | 99 | RD | 170,507 |
| University of Washington (745929) | 47 | 049 | 2,797 |
| University of Washington (747180) | 93 | 847 | 12,932 |
| University of Washington (747735) | 93 | 837 | 153,872 |
| University of Washington (748169) | 93 | 135 | 10,422 |
| University of Washington (748182) | 47 | 041 | 676 |
| University of Washington (749902) | 93 | 837 | 49,830 |
| University of Washington (83095) | 93 | 866 | (128) |
| University of Washington (85508) | 93 | 865 | (2,887) |
| University of Washington (85519) | 93 | 866 | (492) |
| University of Washington (85593) | 93 | 865 | (8,386) |
| University of Washington (85665) | 99 | RD | 617 |
| University of Washington (85923) | 93 | 837 | (77,292) |
| University of Washington (87562) | 93 | 855 | 117,625 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| University of Washington (94726) | 47 | 070 | (146) |
| University of Washington (AG016976) | 93 | 866 | (11,305) |
| University of Washington (CMMI-1208002) | 47 | 041 | 56,173 |
| University of Washington (SB110188) | 15 | RD | 3,057 |
| ARRA-University of Washington (SUB 703066Z (HL103416) ARRA) | 93 | 701 | (303) |
| University of Washington (SUB 712012 (NS065070)) | 93 | 853 | 14 |
| University of Washington (SUB 713253 (NONE)) | 93 | 838 | 39,444 |
| University of Washington (SUB 713472 (HL077863)) | 93 | 839 | 280,448 |
| University of Washington (SUB 736194 (NR012841)) | 93 | 361 | 11,389 |
| University of Washington (SUB 741814 (AG016976)) | 93 | 866 | 7,895 |
| University of Washington (SUB 745978 (DK082325)) | 93 | 847 | 11,045 |
| University of Washington (SUB 746233 (DK082325)) | 93 | 847 | 35,414 |
| University of Washington (UCSF#A113910) | 93 | 837 | 61,540 |
| University of Washington (UCSF#A121302) | 93 | 266 | 706,947 |
| University of Wisconsin-Madison (091K044) | 93 | 838 | 58,725 |
| University of Wisconsin-Madison (188K565) | 98 | 001 | 1,096,231 |
| University of Wisconsin-Madison (235K841) | 93 | 859 | 58,785 |
| University of Wisconsin-Madison (252F162) | 47 | 074 | 154,274 |
| University of Wisconsin-Madison (265K941) | 81 | 121 | 89,602 |
| University of Wisconsin-Madison (272K031) | 47 | 078 | 121,146 |
| University of Wisconsin-Madison (319K266) | 12 | 420 | 154,509 |
| University of Wisconsin-Madison (331K251) | 93 | 859 | 67,311 |
| University of Wisconsin-Madison (352K785:1) | 93 | 859 | 41,950 |
| University of Wisconsin-Madison (363K716) | 93 | 855 | 214,359 |
| University of Wisconsin-Madison (375K233) | 81 | 049 | 138,985 |
| University of Wisconsin-Madison (381K043-CYC1) | 93 | 239 | 11,239 |
| University of Wisconsin-Madison (388K975) | 84 | 368 | 218,557 |
| University of Wisconsin-Madison (398K532) | 93 | 866 | 22,555 |
| University of Wisconsin-Madison (398K543) | 93 | 866 | 349,658 |
| University of Wisconsin-Madison (412K775) | 93 | 262 | 18,654 |
| University of Wisconsin-Madison (446K493) | 93 | 885 | 2,484 |
| University of Wisconsin-Madison (82161) | 10 | 200 | 6,628 |
| University of Wisconsin-Madison (87730) | 93 | 865 | 597 |
| University of Wisconsin-Madison (BCS1147593) | 47 | 075 | 50,897 |
| University of Wisconsin-Madison (EFRI0937847) | 47 | 041 | 16,965 |
| University of Wisconsin-Madison (G068132) | 47 | RD | 46,504 |
| University of Wisconsin-Madison (SUB 200912248-02 (188K565)) | 98 | 001 | 65,884 |
| University of Wisconsin-Madison (SUB 252F151 (MCB-0929100)) | 47 | 074 | 81,600 |
| University of Wisconsin-Madison (SUB 396K476(CA166105)) | 93 | 394 | 3,947 |
| University of Wisconsin-Madison (SUB 408K133 (PHY-1148698)) | 47 | 049 | 361,172 |
| University of Wisconsin-Madison (SUB 647F290 (DE-FC02-06ER41436) | 81 | 049 | (3,005) |
| ARRA-University of Wisconsin-Madison (SUB180K143(DE-SC0002298)ARRA) | 81 | 049 | 127,308 |
| University of Wisconsin-Madison (UCSF#A113916) | 93 | RD | 150,540 |
| University of Wisconsin-Madison (X279425) | 93 | 866 | 8,300 |
| University of Wyoming (1001116) | 47 | 074 | 85,213 |
| University of Wyoming (NSF40391) | 47 | 074 | 746,126 |
| Urban Institute (08695-000-00-UCLA-01) | 14 | 523 | 50,668 |
| US Department of Agriculture Agricultural Research Service (ars) (UCSF#A120603) | 10 | 586 | 9,709 |
| Utah State University (090758041) | 10 | 215 | 702 |
| Utah State University (100893003) | 10 | 215 | 73,676 |
| Utah State University (100893034) | 10 | 215 | 9,747 |
| Utah State University (110892007) | 10 | 215 | 64,319 |
| Utah State University (120833001) | 10 | 215 | 38,117 |
| Utah State University (120834004) | 10 | 500 | 15,732 |
| Utah State University (23235) | 10 | 215 | 2,566 |
| Utah State University (23286) | 10 | 215 | 4,599 |
| Utopiacompression Corporation (20111944) | 99 | RD | 30,010 |
| Utopiacompression Corporation (77807) | 99 | RD | (1,862) |
| Vala Sciences, Inc. (2R42DK082087-02A1-CYC1) | 93 | 847 | 171,986 |
| Valitor, Inc. (UCSF#A121392) | 93 | RD | 30,672 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| | | | |
| Vanderbilt University (1720-014984) | 12 | 910 | 44,145 |
| Vanderbilt University (21951-S2:02) | 93 | 242 | 191,630 |
| Vanderbilt University (21951S4) | 93 | 242 | 161,022 |
| Vanderbilt University (33116) | 93 | 389 | 4,465 |
| Vanderbilt University (83296) | 93 | 849 | 2,908 |
| Vanderbilt University (87715) | 93 | 847 | (64,824) |
| Vanderbilt University (SUB 38441 (MH095621)) | 93 | 242 | 120,359 |
| Vanderbilt University (SUB NONE (NS065736)) | 93 | 853 | 83 |
| Vanderbilt University (SUB VUMC 37644 (DK078473)) | 93 | 847 | 11,692 |
| Vanderbilt University (SUB VUMC37645 (DK072473)) | 93 | 847 | (1,096) |
| Vanderbilt University (SUB VUMC38644) | 93 | 847 | 14,999 |
| Vanderbilt University (SUB VUMC38646(DK072473)) | 93 | 847 | 283,659 |
| Vanderbilt University (UCSF#A118261) | 93 | 847 | 99,424 |
| Vanderbilt University (VU # 22666-S4) | 12 | RD | 63,110 |
| Vanderbilt University (VUMC 38642) | 93 | 398 | 56,601 |
| Vanderbilt University (VUMC-10190) | 93 | 838 | 25,289 |
| Vanderbilt University (VUMC34120) | 93 | 838 | 16,068 |
| ARRA-Vanderbilt University (VUMC37036-CYC1) | 93 | 714 | 171,453 |
| ARRA-Vanderbilt University (VUMC37037) | 93 | 715 | 387,535 |
| Vanderbilt University (VUMC37250) | 93 | 853 | 14,170 |
| Vanderbilt University (VUMC38098) | 93 | 396 | 96,924 |
| Vanderbilt University (VUMC38411 (TW007988)) | 93 | 989 | 14,302 |
| Vanderbilt University (VUMC39262) | 93 | 837 | 38,130 |
| Vanderbilt University (VUMC40452) | 93 | 847 | 16,827 |
| Ventura County Community College District (P031C110025) | 84 | 013 | 167,764 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (07841-299065) | 93 | 701 | 452 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (82154) | 93 | 837 | (22) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (82195) | 93 | 240 | 97 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (82665) | 93 | 837 | 11 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (83435) | 93 | 866 | 219 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (83481) | 93 | 839 | 37,259 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (83518) | 93 | 837 | (3,712) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (83522) | 47 | 075 | 2,554 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (83546) | 93 | 856 | 1,577 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (83557) | 93 | 839 | (349) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (83591) | 93 | 855 | (7,597) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (87343) | 12 | 420 | (535) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (87455) | 93 | 839 | (3,591) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (87627) | 93 | 846 | 183 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (87701) | 93 | 397 | 10,703 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (87748) | 12 | 420 | (1,683) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (A EDELMAN 307593 (DK098246-01)) | 93 | 847 | 1,881 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (A LIU 305359(W81XWH-08-2-0076)) | 12 | RD | 10,121 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (A SOMMERFELD 308079 (MH091057)) | 93 | 242 | 53,153 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (A TERKELTAUB 308351 (AI081881)) | 93 | 855 | 25,642 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (ANG 305351R (N62645-11-C-4037)) | 12 | 340 | 53,087 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (CLE 307585 (HHSN268200900046C)) | 93 | 838 | 8,873 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (GERS 301659 (W81XWH-11-1-0641)) | 12 | 420 | 14,947 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (HA 307028 (1R01HS021290-01A1)) | 93 | 226 | 50,834 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (HOSTETLER 303675REV (AI074057)) | 93 | 855 | 39,712 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (IELS 305242 (W911QY-11-C-0102)) | 12 | 420 | 26,517 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (ILLS 307391 (W81XWH-12-1-0577)) | 12 | 420 | 4,241 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (JPA WANG 304467 (N62645-11-C) | 12 | 340 | 19,760 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (JPA BHATNAGER 303520(W81XWH-0) | 12 | 420 | 24,351 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (JPA RESOVSKY 301889 (W81XWH-1) | 12 | 420 | 1,124 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (OELK 304939 (N62645-11-C-4037)) | 12 | 340 | 12,849 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (OUGH 305727 (W81XWH-11-2-0001)) | 12 | 420 | 9,255 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (OVA-BETHELLL 307196 (AI087164)) | 93 | 855 | 75,676 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (PA ALDERN 303679REV (AI074057)) | 93 | 855 | 45,273 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (PA BLANCHARD 306403 (HL066941)) | 93 | 837 | 9,565 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (PA SCHULTEIS 307634 (GM085179)) | 93 | 859 | 8,035 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (PERIVOLIOTIS 308078 (MH091057)) | 93 | 242 | 12,050 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (RA-NIEVES 304996 (DK080212-04)) | 93 | 847 | 137,626 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (RKEN 307392 (N62645-11-C-4037)) | 12 | 340 | 18,383 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (SUB 287759 (HL066941)) | 93 | 839 | 17,632 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (TA 304538 R (N62645-11-C-4037)) | 12 | 340 | 56,914 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (TSAN 307513 (N62645-11-C-4037)) | 12 | 340 | 36,460 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (UGER 306474 (N62645-11-C-4037)) | 12 | 340 | 16,468 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA 304746 BUCK (DK046971)) | 93 | 847 | 235 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BOUVET 304649 (ML107652)) | 93 | 838 | 6,688 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SINGH 303552 (AI081668)) | 93 | 856 | 51,928 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA 304157 RISBROUGH (N62645-)) | 12 | 340 | 10,954 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA 304268 JOHNS (HL107658)) | 93 | 838 | 96,302 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA 304425 WANG (N62645-11-C-)) | 12 | 340 | 6,409 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA 304748 CHOJKIER (DK046971)) | 93 | 848 | 104,686 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA AARONS 303529 (MH091057)) | 93 | 242 | 26,547 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA ACHESON 304709 (N62645-11)) | 12 | 340 | 62,818 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA ALDERN 303687 (AI071803)) | 93 | 855 | 4,991 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BARNARD 301024 (HL066941)) | 93 | 834 | 15,205 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BEADLE 303676R (AI074057)) | 93 | 855 | 64,395 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BHARGAVA 300578 (HL066941)) | 93 | 839 | 11,411 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BISWAS 303690 (N62645-11-C)) | 12 | 340 | 178,564 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BLAIR 303873 (AI070535)) | 93 | 856 | 43,430 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BLAIR 304254(W81XWH-09-2-)) | 93 | RD | 43,428 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BLANTZ 302670 (DK028602)) | 93 | 849 | 78,182 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BRYAN 304197 (AI081881)) | 93 | 856 | 149,619 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BRYAN 304198 (AG007996)) | 93 | 866 | 20,951 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BUCK 300655 (DK087031) AR) | 93 | 701 | 57,437 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BUCK 304745 (DK084139-03)) | 93 | 847 | 116,775 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BUELL 304771 (N62645-11-C)) | 12 | 340 | 49,155 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA BURTON 306122 (AI077249)) | 93 | 855 | 21,858 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA DELANO-WOOD 303644 (W81XWH)) | 12 | 420 | 67,932 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA DELANO-WOOD 306194 W81XWH) | 12 | 420 | 36,841 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA DILIP 303305 (MH064722)) | 93 | 242 | 30,819 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA EYLER (MH083968)) | 93 | 242 | 54,065 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA FITZGERALD 306026 (AI0722)) | 93 | 855 | 4,880 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA FOLSOM 303304 (MH064722)) | 93 | 242 | 15,483 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA FRANK 302252 (W81XWH-10-2-)) | 12 | 420 | (889) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA FUSTER 304335 (HL107652)) | 93 | 838 | 34,325 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA GEYER 302646 N62645-11-C) | 12 | 340 | 130,166 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA GOLSHAN 302263 (MH083968)) | 93 | 242 | 9,511 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA GOLSHAN 303309REV (MH0647)) | 93 | 242 | 1,359 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA GOLSHAN 303501 (MH091057)) | 93 | 242 | 9,441 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA GRANHOLM 303500 (MH091057)) | 93 | 242 | 40,551 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA GUATELLI 303144 (AI038201)) | 93 | 856 | 82,231 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA GUATELLI (AI081668)) | 93 | 856 | 88,242 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HALTERMAN 303176 (W81XWH-0)) | 12 | 420 | 20,130 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HALTERMAN 303178 (W81XWH-0)) | 12 | 420 | 20,662 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HAMMOND 301027 (HL066941)) | 93 | 837 | 13,304 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HAMMOND 306402 (HL066941)) | 93 | 837 | 21,195 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HANDEL 304141 (HL107652)) | 93 | 838 | 7,006 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HEAD 303685 (GM085179)) | 93 | 859 | 13,609 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HEMAL 303443 (GM085179)) | 93 | 859 | 19,047 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HENRY 307582 (DK098246)) | 93 | 847 | 13,958 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HOSTETLER (AI071803)) | 93 | 856 | 45,223 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA HOSTETLER 299749REV (AI07)) | 93 | 855 | 2 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA IGLEWICZ 304936 (MH085297)) | 93 | 242 | 31,062 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA IX 304333(HL096851)) | 93 | 837 | 28,036 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA JAIN 304933 (W81XWH-10-2-)) | 12 | 420 | 29,067 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA JAJODIA 301151 (AA11257)AR) | 93 | 701 | 2,770 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA JAK 304203 (AG012674)) | 93 | 866 | 5,278 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA JIN 304711 (W81XWH-08-2-0)) | 12 | 420 | 9,822 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA JIN 304712 (W81XWH-08-2-0)) | 12 | 420 | 11,626 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA KAUSHAI 304762 (HL107652)) | 93 | 838 | 9,727 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA KELSOE 302644 (MH083968)) | 93 | 242 | 4,832 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LANDSBERG 302995 (AI070535)) | 93 | 856 | 33,442 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LANG 304408 (W81XWH-10-1)) | 12 | 420 | 14,610 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LANG 300844 (W81XWH-10-2-0)) | 12 | 420 | 44,043 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LANOUELLE 301342 (MH08529)) | 93 | 242 | 20,973 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LAUGHLIN 304023 (HL096851)) | 93 | 839 | 38,606 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LEWINSKI 303554 (AI038201)) | 93 | 855 | 16,270 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LINDAMER 303310 (MH064722)) | 93 | 242 | (2,545) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LITTLE 302451 (AI087164)) | 93 | 855 | 25,794 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LIU 303033 (MH083968)) | 93 | 242 | 11,340 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LIU 304206 (AG012674)) | 93 | 866 | 12,388 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LOONEY 303971 (AI036214)) | 93 | 856 | 5,030 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA LUNA 307424 (AI050410)) | 93 | 855 | 16,248 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA MAY 305138 (N62645-11-C-4)) | 12 | 340 | 105,272 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA MINASSIAN 304769 (N62645-)) | 12 | 340 | 14,971 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA MOLINA 304860 19345/29345) | 12 | 340 | 29,772 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA MURPHY 303175 (W81XWH-08-2)) | 12 | 420 | 57,541 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA MURPHY 303177 W81XWH-08-2-) | 12 | 420 | 73,112 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA NAPPI303375(NR-011728)ARRA) | 93 | 701 | 4,930 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA NEE 304078 (HL096851)) | 93 | 837 | 36,413 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA NIESMAN 303445 (GM085179)) | 93 | 859 | 43,428 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA NIEVERGELT 304156 (N62645)) | 12 | 340 | 30,196 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA NIEVERGELT 304782 (N62645)) | 12 | 340 | 34,698 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA PATEL 303442 (GM085179)) | 93 | 859 | 51,556 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA PAYUMO 300846 (W81XWH-10-2)) | 12 | 420 | 8,721 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA PENNY 301016 (HL066941)) | 93 | 839 | 45,432 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA POND 301598 (AI090970)) | 93 | 856 | 9,339 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA POWELL 304767 (N62645-11-)) | 12 | 340 | 70,183 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA RAMAN 301573 (W81XWH-10-2-)) | 12 | 420 | 30,270 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA REARDON 302800 (AI087164)) | 93 | 855 | 9,478 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA RESOVSKY 302234REV(NR011A | 93 | 701 | 17,692 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA RICHMAN 304506 (AI096113)) | 93 | 855 | 33,189 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA RISBROUGH 302647 (N62645-1)) | 12 | 340 | 75,178 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA ROBINSON 300845 (W81XWH-10)) | 12 | 420 | 38,689 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA ROBINSON 301579 (W81XWH-10)) | 12 | 420 | 24,285 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA RODGERS 301910 (W81XWH-10-)) | 12 | 420 | 16,037 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA ROSS 301023 (HL066941)) | 93 | 837 | 15,847 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA RUFENER 303766 (MH091057)) | 93 | 242 | 12,908 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SALMON 304470 (AG012674)) | 93 | 866 | 14,031 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SATRIANO 303494REV (DK026)) | 93 | 847 | 20,368 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SCHULTEIS 303213 (DA027843)) | 93 | 270 | 37,375 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SINGH 303553(AI038201)) | 93 | 855 | 77,329 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SMITH 302078 (090970)) | 93 | 856 | 13,502 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SMITH 303973 (AI036214)) | 93 | 856 | 7,044 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SMITH 304515 (AI090970)) | 93 | 846 | 47,019 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SMITH 306121 (AI077249)) | 93 | 855 | 20,049 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SOTO 302539REV(AI096113)) | 93 | 855 | 61,923 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SPELLMAN 299246REV (HL088)) | 93 | 837 | (1,280) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SPELLMAN 303239REV (HL081)) | 93 | 837 | 15,529 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SPINA 302452 (AI087164)) | 93 | 855 | 9,725 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SPINA 303975 (AI036214)) | 93 | 856 | 13,359 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SPINA 304499 (DK035108)) | 93 | 847 | 9,629 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA SPINA 304505 (AI096113)) | 93 | 855 | 41,943 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA STRAIN 307365 (AI096113)) | 93 | 855 | 28,319 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA STRAIN 307423 (AI050410)) | 93 | 855 | 7,633 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA STRAIN 307761 (AI104283)) | 93 | 855 | 8,582 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA STRIGO 300937 (W81XWH-08-2) | 12 | RD | 13,701 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA TERKELTAUB (AG007996)) | 93 | 701 | 44,916 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA TERKELTAUB 304200 (HL07736) | 93 | 837 | 51,283 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA THEILMANN 302645 (MH083968) | 93 | 242 | 8,358 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA TSAN 301338 (W81XWH-11-2-0) | 12 | 420 | 33,704 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA VALIAEVA 299607REV(AI0718) | 93 | 856 | 24,533 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA VALLON 303995 (DK028602)) | 93 | 849 | 36,354 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA VALLON 304081 (DK056248)) | 93 | RD | 132,880 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA VOLKER 303414 (HL094728)) | 93 | 837 | 40,265 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WALL 301577 (AA11257)ARRA) | 93 | 701 | 12,718 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WASSEL 304079 (HL096851)) | 93 | 837 | 13,271 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WETHERELL 301335 (W81XWH-1) | 12 | 420 | 33,370 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WETHERELL 303385(MH085297)) | 93 | 242 | 17,197 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WIRENGA 304205 (AG012674)) | 93 | 866 | 7,540 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WITKE 306882 (AI036214)) | 93 | 856 | 120,721 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WOELK (AI087164)) | 93 | 855 | 65,626 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WOELK 303970 (AI036214)) | 93 | 856 | 5,873 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA WOELK 303974 (AI096113)) | 93 | 855 | 35,696 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA ZISOOK 303383 (MH085297)) | 93 | 242 | 37,776 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA ZURAW 301069 (AI070535)) | 93 | 855 | 77,577 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPACHOJKIER300656(DK087031)ARRA) | 93 | 701 | 4,660 |
| ARRA-Veterans Medical Research Foundation of San Diego (VA Foundation) (VPADRUUMMOND301576(NR011728)ARRA) | 93 | 701 | (956) |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA-MUDALIAR 307671 (DK098246)) | 93 | 847 | 4,093 |
| Vibrant (242) | 12 | 800 | 115,123 |
| Vical Incorporated (001 NIH-ECG-CYC1) | 93 | 837 | 77,000 |
| Virginia Commonwealth University (005406) | 47 | 041 | 121,156 |
| Virginia Commonwealth University (SUB PT107094-SC103492 (DE-AR00)) | 81 | 135 | 149,963 |
| Virginia Polytechnic Institute (21852) | 47 | 041 | 20,234 |
| Virginia Polytechnic Institute (42597619326) | 98 | 001 | 14,583 |
| Virginia Polytechnic Institute (42597619326A) | 98 | 001 | 54,563 |
| Virginia Polytechnic Institute (430345-19097) | 12 | 300 | 83,865 |
| Virginia Polytechnic Institute (431602-19905-CYC1) | 93 | 855 | 307,589 |
| Virginia Polytechnic Institute (450124-19905-CYC1) | 12 | 910 | 177,024 |
| Virginia Polytechnic Institute (478348-19910) | 47 | 074 | 14,064 |
| Virginia Polytechnic Institute (478882-19910) | 47 | 041 | 3,329 |
| ARRA-Virginia Polytechnic Institute (ARRA47812119326) | 47 | 082 | 19,897 |
| Virginia Polytechnic Institute (SUB 432844-19A28 (D12PC00337)) | 97 | 001 | 112,638 |
| Virogenics, Inc. (20123974) | 93 | 856 | 25,869 |
| Visdex Corporation (25033) | 93 | RD | 1,708 |
| Vistagen Therapeutics, Inc. (87977) | 93 | 279 | 291,192 |
| Vpdiagnostics, Inc. (SBIR 2 R44 HL070576) | 93 | 837 | 31,045 |
| Wake Forest University (SUB WFUHS 10385 (HL-104199)) | 93 | 837 | 89,698 |
| Wake Forest University (SUB WFUHS 110656 (AG041845)) | 93 | 866 | 32,505 |
| Wake Forest University (WFUHS 14503) | 93 | 389 | 56,507 |
| ARRA-Wake Forest University (WFUHS/UC-66662) | 93 | 701 | 5,166 |
| ARRA-Wake Forest University (WFUHS/UCLA-66631) | 93 | 701 | 2,148 |
| Wake Forest University (WFUHS14111) | 93 | 847 | 15,207 |
| Wake Forest University (WFUHS14130(REVISED)) | 93 | 847 | 12,960 |
| Washington State University (104099_G002809) | 93 | 113 | 116,744 |
| Washington State University (104536G002848) | 93 | 865 | 85,638 |
| Washington State University (1088150G002901) | 10 | 500 | 10,251 |
| Washington State University (111343_G002436) | 10 | 309 | 148,745 |
| Washington State University (111602 G002687) | 93 | 394 | 195,636 |
| Washington State University (115320 G002931) | 10 | 310 | 126,690 |
| Washington State University (UCSF #A119355) | 93 | 846 | 219,508 |
| Washington University in St. Louis (004368) | 81 | 049 | 228,508 |
| Washington University in St. Louis (33108) | 93 | 389 | (3,051) |
| Washington University in St. Louis (87270) | 93 | 866 | (244,232) |
| Washington University in St. Louis (SUB WU-09-287 (NS03228)) | 93 | 853 | 1,685 |
| Washington University in St. Louis (SUB WU-11-226 (AR057836)) | 93 | 846 | 74,062 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|--|---------|-----|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Washington University in St. Louis (SUB WU-11-255(N01-HR-76196) | 93 | RD | 37,401 |
| Washington University in St. Louis (SUB WU-11-52 (EB012284)) | 93 | 286 | 62,352 |
| Washington University in St. Louis (SUB WU-12-127 (CA141549)) | 93 | 396 | 175,291 |
| Washington University in St. Louis (SUB WU-12-214 (AG032438)) | 93 | 866 | 730,252 |
| Washington University in St. Louis (SUB WU-13-193 (AG032438)) | 93 | 866 | 104,267 |
| Washington University in St. Louis (SUB WU-15-128 (CA141549)) | 93 | 396 | 134,973 |
| Washington University in St. Louis (SUB WU-99-80 (NS32228)) | 93 | 853 | 5,639 |
| Washington University in St. Louis (WU-11-103) | 93 | 837 | 19,759 |
| ARRA-Washington University in St. Louis (WU-11-207) | 93 | 701 | (598) |
| Washington University in St. Louis (WU-11-69) | 93 | 837 | 422,230 |
| Washington University in St. Louis (WU-11-70) | 93 | RD | 7,108 |
| Washington University in St. Louis (WU1173) | 93 | 396 | 186,521 |
| Washington University in St. Louis (WU-12-101) | 93 | 242 | 23,064 |
| Washington University in St. Louis (WU-12-20) | 93 | 853 | 16,976 |
| Washington University in St. Louis (WU-12-206) | 93 | 866 | 144,791 |
| Washington University in St. Louis (WU-12-211) | 93 | 838 | 35,942 |
| Washington University in St. Louis (WU-12-240) | 93 | 853 | 11,970 |
| Washington University in St. Louis (WU13233) | 93 | 350 | 6,057 |
| Washington University in St. Louis (WU-13-55) | 93 | 853 | 7,843 |
| Washington University in St. Louis (WU-13-77) | 93 | 855 | 154,073 |
| Washington University in St. Louis (WU-HT-12-15) | 93 | 859 | 4,874 |
| Water Environment Research Foundation (INFR2R12-CYC1) | 66 | 511 | 61,592 |
| Wayne State University (5U01NS061264) | 93 | 853 | (29) |
| Wayne State University (WSU07076) | 47 | 049 | 2,663 |
| Wayne State University (WSU11032) | 93 | 865 | 26,596 |
| Wayne State University (WSU12056) | 93 | 853 | 92,638 |
| Wayne State University (WSU12079) | 93 | 226 | 13,323 |
| Wayne State University (WSU12080) | 93 | 279 | 148,435 |
| Wellcome Trust, The (0244-03-009) | 93 | 172 | 152,016 |
| Wellesley College (25626-1) | 99 | RD | 38,129 |
| ARRA-West Valley Vector Control District, San Bernardino County (00007480) | 93 | 701 | 267,480 |
| ARRA-West Valley Vector Control District, San Bernardino County (00007544) | 93 | 701 | 22,361 |
| ARRA-West Valley Vector Control District, San Bernardino County (UCSF#A115504) | 93 | 701 | 3 |
| West Virginia University (12-625-UCSC) | 99 | RD | 42,806 |
| West Virginia University (83001) | 93 | 173 | 1,051 |
| West Virginia University (SUB 12-244-UCSD (DC012638)) | 93 | 173 | 45,640 |
| Westat (7887-S018-RENEWAL) | 93 | RD | 30,372 |
| Westat (8182-S09) | 93 | 865 | 174,244 |
| Westat (8530-S034) | 99 | RD | 147,548 |
| Westat (8530-S039) | 93 | RD | 943,878 |
| ARRA-Westat (8771-S09) | 93 | 701 | 18,383 |
| Westat (8848-S-001) | 99 | RD | 17,493 |
| Westat (8967.01-S02) | 99 | RD | 216,178 |
| Westat (B6024-S-002 (ED-IES-12-C-0018)) | 84 | RD | 72,190 |
| Westat (SUB S8954 (HHSN271201100027C)) | 93 | RD | 537,281 |
| Westat (UCSF#A105994) | 93 | RD | 13,093 |
| Westat (WESTAT#ID-6101-S039) | 93 | RD | 31,935 |
| Wested (S11089) | 84 | 305 | 124,196 |
| Wested (S11-097) | 84 | 368 | 1,507 |
| Wested (S11-208-CYC1) | 47 | 076 | 44,590 |
| Western Michigan University (7617) | 15 | 657 | 24,883 |
| Western Michigan University (7670) | 47 | 076 | 23,558 |
| Weston Geophysical Corporation (1154-1) | 12 | RD | 38,390 |
| Wibi+works, LLC (SUB 20130883 (AR061902)) | 93 | 846 | 444 |
| Wichita State University (SUB3152) | 20 | 109 | 15,126 |
| Wildlife Management Institute (33466) | 15 | RD | 33,080 |
| Wildlife Management Institute (33467) | 15 | RD | 27,322 |
| Wildlife Trust (63066) | 93 | 989 | 22,825 |
| Wildlife Trust (EHA AI-3287-FY13-UCLA) | 93 | 989 | 38,245 |
| Wistar Institute, The (24622-04-314) | 93 | 396 | 548,979 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|--|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Women & Infants Hospital of Rhode Island (9515) | 93 | 279 | 22,024 |
| ARRA-Woods Hole Oceanographic Institution (87140) | 47 | 050 | 16,941 |
| Woods Hole Oceanographic Institution (A100530) | 12 | 300 | 80,278 |
| Woods Hole Oceanographic Institution (A100608) | 11 | 460 | (8,535) |
| Woods Hole Oceanographic Institution (A100657 ARRA) | 47 | 050 | 328,100 |
| Woods Hole Oceanographic Institution (A100657) | 47 | 050 | 1,614,528 |
| Woods Hole Oceanographic Institution (A100716) | 47 | 050 | 61,170 |
| Woods Hole Oceanographic Institution (A100753) | 12 | 300 | 100,279 |
| Woods Hole Oceanographic Institution (SUB NONE (A100749)) | 12 | 300 | 114,036 |
| World Learning for International Development (WL-53673-CYC1) | 19 | 402 | 6,093 |
| Wright State University (032216) | 93 | 855 | 83,832 |
| Wyle Laboratories (63136) | 99 | RD | 6,278 |
| Wyle Laboratories (T72213) | 43 | 001 | 11,493 |
| Xen Biofluidx (201121994) | 93 | 113 | 28,208 |
| Xerox Corporation (033898) | 12 | 159 | 80,481 |
| Xerox Corporation (MP308713) | 99 | RD | 150,000 |
| Xoma Corporation (UCSF#A118702) | 93 | RD | 530,858 |
| Yale University (77379) | 93 | 847 | (5,619) |
| Yale University (78904) | 93 | 855 | 2,713 |
| Yale University (83130) | 93 | 853 | 428 |
| Yale University (84772) | 93 | 838 | 20 |
| Yale University (A07146-CYC5) | 93 | 837 | 24,396 |
| Yale University (A07164) | 93 | 837 | 226,734 |
| Yale University (A07330(M09A10333)) | 93 | 864 | 130,789 |
| Yale University (A07956(M11A10846)) | 93 | 393 | 285,077 |
| Yale University (A08362-CYC1) | 93 | 855 | 102,675 |
| Yale University (A08604 (M08A00696)) | 93 | 853 | 15,298 |
| Yale University (A08848-CYC1) | 93 | 855 | 71,638 |
| Yale University (B C13L11586 (FA9550-13-1-0020)) | 12 | 800 | 16,079 |
| Yale University (C09P10246-CYC4) | 45 | 312 | 7,574 |
| Yale University (C13A11536 (A08861)) | 93 | 242 | 314,822 |
| Yale University (M11A11120(A08303)) | 93 | RD | 94,521 |
| Yale University (M12A11112(A08266)) | 93 | 242 | 228,801 |
| Yale University (M12A11145(A08367)) | 93 | 853 | 36,543 |
| Yale University (M12A11208(A08273)-CYC2) | 98 | 359 | 88,022 |
| ARRA-Yale University (M12A11307(AS0201)) | 93 | 701 | 82,052 |
| Yale University (M13A11486 (A09057)) | 93 | 242 | 344,562 |
| Yale University (M13A11523 (A09057)) | 93 | 242 | 178,471 |
| Yale University (OSR #05039318) | 93 | 853 | 23,805 |
| Yale University (SUB M10A10554 (NS044876)) | 93 | 853 | 34,517 |
| Yale University (UCSF#A119978) | 93 | 855 | 189,493 |
| Yeshiva University (82509) | 93 | 839 | (21,153) |
| Yeshiva University (9-526-2515) | 93 | 866 | 82,452 |
| Yeshiva University (9-526-4875-DARRAGH) | 93 | 393 | 13,727 |
| Yeshiva University (9-526-4875-MCCUNE) | 93 | 393 | 97,652 |
| Yeshiva University (9-526-5266) | 93 | 859 | 206,957 |
| Yeshiva University (OSR #05040746) | 93 | 393 | 111,320 |
| Yeshiva University (SUB 9526-5552 (HL095856)) | 93 | 837 | 70,650 |
| Yeshiva University (SUB 9-526-6969 (HL110900)) | 93 | 839 | 314,257 |
| Yolo County (2013168) | 10 | 170 | 10,534 |
| Z&Z Medical Holdings, Inc. (20130287) | 99 | RD | 148,748 |
| Zipton Labs, LLC (201300075) | 81 | RD | 25,612 |
| Total Pass Through Funds Expended | | | 436,942,353 |
| Partial Pass Through Funds Expended | | | |
| 3e Technologies International, Inc. (59639) | 99 | 999 | 20,715 |
| Aeon Imaging, LLC (031747) | 93 | 867 | 26,390 |
| Aeon Imaging, LLC (031912) | 93 | 867 | 170,454 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Partial Pass Through Funds Expended (Continued) | | | |
| | | | |
| Aeon Imaging, LLC (034480) | 93 | 286 | 19,605 |
| Aptima, Inc. (034065) | 12 | RD | 36,689 |
| Arizona State University/Tempe (12-762) | 47 | 076 | 152,008 |
| Astronomical Society of the Pacific, The (63302) | 47 | RD | 14 |
| Baylor University Medical Center (63223) | 93 | 855 | 15,948 |
| Brigham and Women's Hospital (33157) | 93 | 855 | 308,997 |
| Cal Humanities (21704) | 45 | RD | 6,246 |
| California Association for Research in Astronomy (11672) | 47 | 049 | 39,288 |
| California Department of Corrections and Rehabilitation (96749) | 16 | RD | 1,167 |
| California Department of Education (11-14349-3001-6A) | 84 | 287 | 1,670,090 |
| California Department of Education (11-14535-3001-6A) | 84 | 287 | 246,158 |
| California Department of Education (11-14603-3001-6A) | 84 | 287 | 40,404 |
| California Department of Education (11-14765-3001-6A) | 84 | 287 | 229,532 |
| California Department of Education (11-14788-3001-6A) | 84 | 287 | 182,512 |
| California Department of Education (15767) | 84 | 287 | (535) |
| California Department of Education (CN120188) | 93 | 575 | 805,894 |
| California Department of Education (CN120218) | 84 | 048 | 187,326 |
| California Department of Education Curriculum and Instruction (96831) | 84 | 367 | 14,397 |
| California Department of Fish and Wildlife (P1140009) | 15 | 605 | 61,401 |
| California Department of Food and Agriculture (18958) | 10 | 170 | (1,504) |
| California Department of Food and Agriculture (SCB10002) | 10 | 169 | 119,957 |
| California Department of Food and Agriculture (SCB10003) | 10 | 170 | 116,363 |
| California Department of Food and Agriculture (SCB10044) | 10 | 170 | 82,694 |
| California Department of Food and Agriculture (SCB11053) | 10 | 170 | 157,696 |
| California Department of Forestry and Fire Protection (8CA12400) | 10 | RD | 57,657 |
| California Department of Health Care Services (11-88343) | 99 | RD | 216,501 |
| California Department of Public Health (1110698) | 93 | RD | 197,635 |
| California Department of Public Health (1210094) | 93 | 991 | 100,940 |
| California Department of Transportation (87616) | 20 | RD | 91,450 |
| California Emergency Management Agency (18371) | 97 | 067 | 1,527 |
| California Emergency Management Agency (81827) | 97 | RD | 730 |
| California Energy Commission (15335) | 81 | RD | (2,901) |
| California Energy Commission (40010013) | 81 | RD | 139,472 |
| California Postsecondary Education Commission (11-14604-3001-6A) | 84 | 287 | 9,941 |
| California Postsecondary Education Commission (77964) | 99 | RD | (499) |
| California Transportation Commission (74A0703-CYC1) | 20 | 515 | 1,166 |
| Carnegie Mellon University (1041388-237987) | 12 | 910 | 418,953 |
| Computing Research Association (CIF-D-018) | 47 | 070 | 118,112 |
| Concord Consortium, The (245-01.01) | 47 | 076 | 64,236 |
| Consortium for Ocean Leadership (T339A7) | 99 | RD | 827 |
| Consortium for Ocean Leadership (T344A22) | 47 | 050 | 64,420 |
| Cornell University (652479788) | 12 | 910 | 129,876 |
| CSS-Dynamac (AMES-RT-107) | 99 | RD | 19,353 |
| Ecorp Consulting, Inc. (005951-002) | 15 | 999 | 15,793 |
| Educational Testing Service (UCB-IES-305D) | 84 | RD | 125,893 |
| Erc, Incorporated (RS120245) | 99 | RD | 17,645 |
| General Dynamics Robotic Systems (SUB 2012-00957(W911NF-10-2-00)) | 12 | 431 | 4,999 |
| Georgia Institute of Technology (004262) | 47 | 999 | 4,107 |
| Henningson, Durham & Richardson, Inc. (0000122983) | 12 | 300 | 25,683 |
| Information Technology and Innovation Foundation (2013001) | 90 | 403 | 6,222 |
| Internews Network (F5047-UCB-00) | 19 | RD | 136,145 |
| Johns Hopkins University (2001763371) | 47 | 074 | 27,538 |
| Jumpstart for Young Children, Inc. (BB PROJ #880200) | 94 | 006 | 74,885 |
| Lawrence Livermore National Security, LLC (B597718) | 81 | RD | 8,999 |
| Lawrence Livermore National Security, LLC (B598797) | 81 | 049 | 36,571 |
| Michigan State University (003844-019) | 98 | 001 | 60,455 |
| Michigan State University (003844-020) | 98 | 001 | 54,054 |
| Michigan State University (003844-021) | 98 | 001 | 46,108 |
| Michigan State University (61-2349UCB) | 47 | 076 | 104,717 |
| Michigan State University (RC100634UCB) | 47 | 076 | 6,045 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal | | Total |
|---|---------|-----|--------------|
| Partial Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Microelectronics Advanced Research Corporation (004508) | 12 | 910 | 67,076 |
| Microelectronics Advanced Research Corporation (004524) | 99 | 999 | 45,914 |
| Microelectronics Advanced Research Corporation (006094) | 99 | 999 | 21,865 |
| Microelectronics Advanced Research Corporation (006096) | 99 | 999 | 69,808 |
| Microelectronics Advanced Research Corporation (006098) | 99 | 999 | 25,449 |
| Microelectronics Advanced Research Corporation (006101) | 99 | 999 | 61,784 |
| Microelectronics Advanced Research Corporation (006111) | 99 | 999 | 84,750 |
| Microelectronics Advanced Research Corporation (20093328) | 12 | RD | 77,446 |
| Microelectronics Advanced Research Corporation (20093621) | 12 | 910 | 25,302 |
| Microelectronics Advanced Research Corporation (2009-BT-2052) | 12 | 910 | 1,442,282 |
| Microelectronics Advanced Research Corporation (20130445) | 12 | RD | 180,404 |
| Microelectronics Advanced Research Corporation (20130533) | 99 | RD | 52,074 |
| National Academies (201121849-01) | 20 | 600 | 9,680 |
| National Fish and Wildlife Foundation (8004.10.036358) | 99 | RD | 67,809 |
| Northern California Institute for Research and Education, Inc. (444653-84067) | 12 | RD | 87,352 |
| Northern California Institute for Research and Education, Inc. (444653-84097) | 12 | RD | 87,301 |
| Northern California Institute for Research and Education, Inc. (444653-84117) | 12 | RD | 8,296 |
| Northern California Institute for Research and Education, Inc. (444653-84126) | 12 | RD | 97,160 |
| Northern California Institute for Research and Education, Inc. (444653-84128) | 12 | RD | 98,273 |
| Northern California Institute for Research and Education, Inc. (444653-84129) | 12 | RD | 42,620 |
| Northern California Institute for Research and Education, Inc. (444653-84211) | 92 | 242 | 59,733 |
| Northern California Institute for Research and Education, Inc. (444653-84227) | 93 | RD | 15,812 |
| Northern California Institute for Research and Education, Inc. (444653-84228) | 93 | RD | 119,923 |
| Northern California Institute for Research and Education, Inc. (444906-84170) | 12 | RD | 15,174 |
| Northern California Institute for Research and Education, Inc. (444908-84219) | 93 | RD | 131,739 |
| Northern California Institute for Research and Education, Inc. (444920-84033) | 93 | 375 | 113,701 |
| Northern California Institute for Research and Education, Inc. (444920-84080) | 12 | RD | 22,050 |
| Northern California Institute for Research and Education, Inc. (444920-84191) | 93 | RD | 70,927 |
| Northern California Institute for Research and Education, Inc. (444920-84206) | 12 | RD | 31,133 |
| Northern California Institute for Research and Education, Inc. (444920-84212) | 93 | 846 | 114,519 |
| Northern California Institute for Research and Education, Inc. (444920-84213) | 93 | 846 | 55,490 |
| Northern California Institute for Research and Education, Inc. (444920-84214) | 93 | 846 | 113,563 |
| Northern California Institute for Research and Education, Inc. (444927-84086) | 12 | RD | 36,253 |
| Northern California Institute for Research and Education, Inc. (444927-84091) | 12 | RD | 164,489 |
| Northern California Institute for Research and Education, Inc. (444927-84210) | 64 | RD | 7,003 |
| Northern California Institute for Research and Education, Inc. (444931-84131) | 12 | RD | 8,012 |
| Northern California Institute for Research and Education, Inc. (444935-84202) | 12 | RD | 21,638 |
| Northern California Institute for Research and Education, Inc. (444947-84073) | 12 | RD | 31,805 |
| Northern California Institute for Research and Education, Inc. (444949-84149) | 12 | RD | 22,109 |
| Northern California Institute for Research and Education, Inc. (444949-84185) | 12 | RD | 93,226 |
| Northern California Institute for Research and Education, Inc. (444949-84188) | 12 | RD | 142,424 |
| Northern California Institute for Research and Education, Inc. (444949-84200) | 12 | RD | 7,115 |
| Northern California Institute for Research and Education, Inc. (444949-84208) | 64 | RD | 4,090 |
| Northern California Institute for Research and Education, Inc. (444951-84016) | 93 | 866 | 221,603 |
| Northern California Institute for Research and Education, Inc. (444951-84032) | 93 | RD | 131,909 |
| Northern California Institute for Research and Education, Inc. (444951-84057) | 93 | 853 | 135,748 |
| Northern California Institute for Research and Education, Inc. (444951-84087) | 12 | RD | 116,396 |
| Northern California Institute for Research and Education, Inc. (444951-84093) | 12 | RD | 111,756 |
| Northern California Institute for Research and Education, Inc. (444951-84116) | 12 | RD | 20,574 |
| Northern California Institute for Research and Education, Inc. (444951-84122) | 12 | RD | 33,851 |
| Northern California Institute for Research and Education, Inc. (444951-84189) | 12 | RD | 60,192 |
| Northern California Institute for Research and Education, Inc. (444951-84190) | 93 | RD | 87,457 |
| Northern California Institute for Research and Education, Inc. (444951-84194) | 64 | RD | 17,546 |
| Northern California Institute for Research and Education, Inc. (444951-84198) | 12 | RD | 19,841 |
| Northern California Institute for Research and Education, Inc. (444951-84220) | 93 | RD | 114,351 |
| Northern California Institute for Research and Education, Inc. (444951-84221) | 93 | RD | 36,651 |
| Northern California Institute for Research and Education, Inc. (444955-84218) | 93 | 837 | 39,637 |
| Northern California Institute for Research and Education, Inc. (444956-84222) | 93 | RD | 54,084 |
| Northern California Institute for Research and Education, Inc. (444988-84009) | 93 | 866 | 383,948 |
| Northern California Institute for Research and Education, Inc. (444988-84014) | 93 | 866 | 48,404 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Partial Pass Through Funds Expended (Continued) | | | |
| Northern California Institute for Research and Education, Inc. (444988-84041) | 93 | RD | 106,900 |
| Northern California Institute for Research and Education, Inc. (444988-84076) | 93 | RD | 148,356 |
| Northern California Institute for Research and Education, Inc. (444988-84082) | 12 | RD | 77,076 |
| Northern California Institute for Research and Education, Inc. (444988-84096) | 12 | RD | 48,070 |
| Northern California Institute for Research and Education, Inc. (444988-84098) | 12 | RD | 117,275 |
| Northern California Institute for Research and Education, Inc. (444988-84106) | 12 | RD | 25,596 |
| Northern California Institute for Research and Education, Inc. (444988-84127) | 12 | RD | 73,176 |
| Northern California Institute for Research and Education, Inc. (444988-84142) | 12 | RD | 43,936 |
| Northern California Institute for Research and Education, Inc. (444988-84153) | 12 | RD | 21,023 |
| Northern California Institute for Research and Education, Inc. (444988-84155) | 12 | RD | 17,308 |
| Northern California Institute for Research and Education, Inc. (444988-84157) | 12 | RD | 5,416 |
| Northern California Institute for Research and Education, Inc. (444988-84159) | 12 | RD | 14,083 |
| Northern California Institute for Research and Education, Inc. (444988-84160) | 12 | RD | 32,097 |
| Northern California Institute for Research and Education, Inc. (444988-84161) | 12 | RD | 6,835 |
| Northern California Institute for Research and Education, Inc. (444988-84162) | 12 | RD | 157,928 |
| Northern California Institute for Research and Education, Inc. (444988-84163) | 12 | RD | 13,182 |
| Northern California Institute for Research and Education, Inc. (444988-84166) | 12 | RD | 19,123 |
| Northern California Institute for Research and Education, Inc. (444988-84178) | 12 | RD | 12,302 |
| Northern California Institute for Research and Education, Inc. (444988-84181) | 93 | RD | 27,150 |
| Northern California Institute for Research and Education, Inc. (444988-84182) | 93 | RD | 19,261 |
| Northern California Institute for Research and Education, Inc. (444988-84186) | 12 | RD | 5,059 |
| Northern California Institute for Research and Education, Inc. (444988-84204) | 12 | RD | 58,971 |
| Northern California Institute for Research and Education, Inc. (444988-84215) | 93 | RD | 167,878 |
| Northern California Institute for Research and Education, Inc. (444988-84216) | 93 | 864 | 6,951 |
| Northern California Institute for Research and Education, Inc. (444988-84223) | 93 | RD | 5,468 |
| Northern California Institute for Research and Education, Inc. (444988-84224) | 64 | RD | 47,529 |
| Northern California Institute for Research and Education, Inc. (444988-84225) | 64 | RD | 63,858 |
| Northern California Institute for Research and Education, Inc. (444988-84226) | 93 | RD | 49,301 |
| Northern California Institute for Research and Education, Inc. (444988-84229) | 93 | RD | 27,953 |
| Northern California Institute for Research and Education, Inc. (445141-84203) | 12 | RD | 42,462 |
| Northern California Institute for Research and Education, Inc. (445231-84187) | 12 | RD | 29,022 |
| Northern California Institute for Research and Education, Inc. (446306-84205) | 12 | RD | 8,130 |
| Northern California Institute for Research and Education, Inc. (484939-84120) | 12 | RD | 53,599 |
| Northern California Institute for Research and Education, Inc. (557755-84201) | 93 | RD | 12,606 |
| Northern California Institute for Research and Education, Inc. (558109-84207) | 12 | RD | 127,006 |
| Northern California Institute for Research and Education, Inc. (558109-84209) | 64 | RD | 21,775 |
| Northern California Institute for Research and Education, Inc. (59193) | 92 | 242 | (1,086) |
| Northern California Institute for Research and Education, Inc. (59487) | 93 | 846 | (4,761) |
| Northern California Institute for Research and Education, Inc. (59900) | 93 | 846 | 8,063 |
| Northern California Institute for Research and Education, Inc. (59951) | 93 | 847 | 3,739 |
| Northern California Institute for Research and Education, Inc. (82801) | 12 | RD | 33,250 |
| Northern California Institute for Research and Education, Inc. (82847) | 93 | 864 | (2) |
| Northern California Institute for Research and Education, Inc. (82853) | 12 | RD | 1,238 |
| Northern California Institute for Research and Education, Inc. (82859) | 93 | 837 | 61,310 |
| Northern California Institute for Research and Education, Inc. (82873) | 93 | 859 | (5,109) |
| Northern California Institute for Research and Education, Inc. (82876) | 93 | RD | 73,033 |
| Northern California Institute for Research and Education, Inc. (82877) | 93 | 394 | 3,335 |
| Northern California Institute for Research and Education, Inc. (82902) | 93 | 396 | (20) |
| Northern California Institute for Research and Education, Inc. (82925) | 12 | RD | (89) |
| Northern California Institute for Research and Education, Inc. (82940) | 93 | 837 | 4,761 |
| Northern California Institute for Research and Education, Inc. (82943) | 93 | 837 | (15) |
| Northern California Institute for Research and Education, Inc. (82984) | 12 | RD | 8,451 |
| Northern California Institute for Research and Education, Inc. (82996) | 93 | 929 | (5,330) |
| Northern California Institute for Research and Education, Inc. (83214) | 93 | 856 | 35 |
| Northern California Institute for Research and Education, Inc. (83248) | 93 | 866 | 5,665 |
| Northern California Institute for Research and Education, Inc. (83280) | 12 | RD | (23) |
| Northern California Institute for Research and Education, Inc. (83361) | 93 | 847 | (7) |
| Northern California Institute for Research and Education, Inc. (83362) | 12 | RD | (13,943) |
| Northern California Institute for Research and Education, Inc. (83366) | 12 | RD | 22,412 |
| Northern California Institute for Research and Education, Inc. (84008) | 93 | 859 | 10,113 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|-----|--------------|
| | CFDA # | | Expenditures |
| Research and Development (Continued) | | | |
| Partial Pass Through Funds Expended (Continued) | | | |
| Northern California Institute for Research and Education, Inc. (84055) | 12 | RD | 3,614 |
| Northern California Institute for Research and Education, Inc. (84070) | 12 | RD | 16,763 |
| Northern California Institute for Research and Education, Inc. (84077) | 12 | RD | 18,147 |
| Northern California Institute for Research and Education, Inc. (84110) | 12 | RD | 2,598 |
| Northern California Institute for Research and Education, Inc. (84123) | 12 | RD | 4,944 |
| Northern California Institute for Research and Education, Inc. (84137) | 12 | RD | 31,324 |
| Northern California Institute for Research and Education, Inc. (84154) | 12 | RD | 5,845 |
| Northern California Institute for Research and Education, Inc. (84174) | 12 | RD | 3,186 |
| Northern California Institute for Research and Education, Inc. (84175 - 02 - 444951) | 12 | RD | 48,095 |
| Northern California Institute for Research and Education, Inc. (84176) | 12 | RD | 37,076 |
| Northern California Institute for Research and Education, Inc. (84184-02-444951) | 64 | RD | 80,463 |
| Northern California Institute for Research and Education, Inc. (84196) | 64 | RD | 9,916 |
| Northern California Institute for Research and Education, Inc. (84199) | 12 | RD | 41,747 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121247) | 64 | RD | 32,886 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121262) | 93 | RD | 19,938 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121267) | 12 | RD | 26,846 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121270) | 12 | RD | 51,633 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121294) | 64 | RD | 22,532 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121321) | 12 | RD | 41,673 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121350) | 12 | RD | 131,406 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121357) | 12 | RD | 100,247 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121400) | 12 | RD | 4,207 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121498) | 12 | RD | 46,433 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121562) | 12 | RD | 15,901 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121580) | 64 | RD | 77,881 |
| Ostendo Technologies, Inc. (2012-1046) | 12 | 800 | 112,437 |
| ARRA-OseI, Inc. (SC-12-06) | 93 | 701 | 11,826 |
| Pacific Northwest National Laboratories (125752) | 81 | RD | 14,846 |
| Pacific Northwest National Laboratories (32768) | 81 | RD | 75,000 |
| Partners Healthcare System, Inc. (220299) | 93 | 855 | 15,350 |
| Princeton University (00001763) | 12 | 910 | 394,047 |
| Princeton University (63316) | 93 | 397 | 50,202 |
| Rhizosystems, LLC (006169-002) | 81 | 049 | 13,319 |
| San Diego County (87011) | 10 | 561 | 34,477 |
| Stanford University (60214527-101341-B) | 84 | 365 | 25,698 |
| Stantec, Inc. (20111636) | 25 | 200 | 26,135 |
| Tahoe Resource Conservation District (85344) | 15 | RD | 10,807 |
| Tetra Tech, Inc. (PO 1090793) | 12 | 300 | 15,624 |
| Texas A&M University - College Station (13-15) | 12 | 300 | 13,208 |
| Tunitas Therapeutics (20112992) | 93 | 855 | 118,449 |
| United Therapeutics Corp. (20122698) | 99 | RD | 12,027 |
| University of Arizona (34114) | 20 | RD | 207,545 |
| University of Colorado System (System Parent Code) (1548306) | 84 | 305 | 64,537 |
| University of Illinois (58081) | 47 | 076 | 79,335 |
| University of Iowa (63312) | 93 | 121 | 17,809 |
| University of Michigan (3002128521) | 93 | 395 | 43,216 |
| University of Missouri System (C00037134-2) | 10 | 310 | 13,320 |
| University of Notre Dame (incl Gem) (202092-UCB LEAST) | 12 | 910 | 25,774 |
| University of Oregon (208991C-002) | 47 | 050 | 32,357 |
| University of Pittsburgh (9003846) | 93 | 865 | 22,848 |
| University of Texas-Austin (UTA12-001022) | 93 | 853 | 39,606 |
| University of Washington (750186) | 93 | 113 | 3,856 |
| University of Wisconsin System (005878) | 81 | 049 | 75,008 |
| Vanderbilt University (22389-S1) | 84 | 305 | 73,213 |
| Vanderbilt University (22441-S1) | 84 | 305 | 57,063 |
| Vanderbilt University (22511-S1) | 47 | 076 | 18,204 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (VPA THOMSON 304106 (DK056248)) | 93 | 849 | 88,993 |
| Wellcome Trust, The (2186-03) | 93 | 172 | 39,085 |
| Westat (AG-3198-S-11-0009) | 20 | 200 | 31,436 |

The accompanying notes are an integral part of this schedule.

For the Fiscal Year Ended June 30, 2013

| Research and Development (Continued) | Federal CFDA # | Total Expenditures |
|---|-------------------|-----------------------|
| Partial Pass Through Funds Expended (Continued) | | |
| Total Partial Pass Through Funds Expended | | 17,454,321 |
| Total Research And Development | | 3,451,792,087 |
| Cal Health & Welfare Social Services Program | | |
| Partial Pass Through Funds Expended | | |
| California Department of Social Services (77731) | 93 unknown | (2,000) |
| California Department of Social Services (77954) | 93 unknown | 224,123 |
| California Department of Social Services (12-2011) | 93 unknown | 16,641,203 |
| California Department of Social Services (11-2040) | 93 658 | 958,616 |
| California Department of Social Services (77730) | 93 unknown | (5,660) |
| California Department of Social Services (96762) | 93 658 | 9,744,297 |
| Total Cal Health & Welfare Social Services Program | | 27,560,579 |
| Other Programs | | |
| Federal Agency Direct Awards Expended | | |
| Corporation for Nat'l & Community Service | 94 013 | 261,655 |
| Centers for Medicare and Medicaid Services | 99 unknown | 713,711 |
| Central Intelligence Agency (CIA) | 99 unknown | 5,483 |
| Department of Agriculture | 10 001 | 228,672 |
| Department of Agriculture | 10 025 | 1,231,309 |
| Department of Agriculture | 10 206 | 204,054 |
| Department of Agriculture | 10 210 | 75,000 |
| Department of Agriculture | 10 303 | 122,484 |
| Department of Agriculture | 10 304 | 149,505 |
| Department of Agriculture | 10 307 | 57,684 |
| Department of Agriculture | 10 309 | 102,180 |
| Department of Agriculture | 10 310 | 83,574 |
| Department of Agriculture | 10 311 | 261,435 |
| Department of Agriculture | 10 443 | 42,255 |
| Department of Agriculture | 10 459 | 31,184 |
| Department of Agriculture | 10 500 | 302,798 |
| Department of Agriculture | 10 652 | 130,364 |
| Department of Agriculture | 10 680 | 201,390 |
| Department of Agriculture | 10 777 | 7,432 |
| Department of Agriculture | 10 902 | 39,891 |
| Department of Agriculture | 10 912 | 61,223 |
| Department of Agriculture | 10 960 | (3,723) |
| Department of Agriculture | 10 962 | 130,113 |
| Department of Agriculture | 10 unknown | 3,965,239 |
| Department of Agriculture | 99 unknown | 333,598 |
| Department of Agriculture Total | | 7,757,661 |
| Department of Commerce | 11 417 | 52 |
| Department of Commerce | 11 420 | 20,002 |
| Department of Commerce | 11 429 | 907,156 |
| Department of Commerce | 11 469 | 65,566 |
| Department of Commerce | 11 609 | 1,383,942 |
| Department of Commerce | 11 618 | 4,527,363 |
| Department of Commerce | 11 unknown | 131,741 |
| Department of Commerce | 99 unknown | 131,424 |
| Department of Commerce Total | | 7,167,246 |

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UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|---------|--------------|
| | CFDA # | | Expenditures |
| Other Programs (Continued) | | | |
| Federal Agency Direct Awards Expended (Continued) | | | |
| | | | |
| Department of Defense | | | |
| | | | |
| Department of Army | 12 | 420 | 1,345,309 |
| Department of Army | 12 | 431 | 951 |
| Department of Army | 12 | unknown | 60,613 |
| Department of Army | 99 | unknown | 60,570 |
| Department of Army Total | | | 1,467,443 |
| | | | |
| Department of Navy | 12 | 300 | 168,715 |
| Department of Navy | 12 | unknown | 7,957,950 |
| Department of Navy Total | | | 8,126,665 |
| | | | |
| Separate Agencies | 12 | 900 | 220,868 |
| Separate Agencies | 12 | unknown | 73,294 |
| Separate Agencies | 99 | unknown | 758,315 |
| Separate Agencies Total | | | 1,052,477 |
| | | | |
| Department of Defense Total | | | 10,646,585 |
| | | | |
| Department of Education | 47 | 049 | 124,237 |
| Department of Education | 82 | 200 | 96,342 |
| Department of Education | 84 | unknown | 585,914 |
| Department of Education | 84 | 007 | 103,592 |
| Department of Education | 84 | 015 | 3,189,760 |
| Department of Education | 84 | 017 | 112,048 |
| Department of Education | 84 | 021 | 32,390 |
| Department of Education | 84 | 022 | 316,107 |
| Department of Education | 84 | 031 | 489,068 |
| Department of Education | 84 | 042 | 993,742 |
| Department of Education | 84 | 044 | 2,909,908 |
| Department of Education | 84 | 047 | 1,960,210 |
| Department of Education | 84 | 087 | 236,960 |
| Department of Education | 84 | 094 | 19,096 |
| Department of Education | 84 | 116 | 682,234 |
| Department of Education | 84 | 170 | 2,013,653 |
| Department of Education | 84 | 184 | 35,001 |
| Department of Education | 84 | 195 | 957 |
| Department of Education | 84 | 200 | 2,217,546 |
| Department of Education | 84 | 217 | 649,424 |
| Department of Education | 84 | 220 | 204,837 |
| Department of Education | 84 | 229 | 218,350 |
| Department of Education | 84 | 305 | 427,399 |
| Department of Education | 84 | 334 | 10,989,412 |
| Department of Education | 84 | 335 | 334,935 |
| Department of Education | 84 | 336 | 1,735,273 |
| Department of Education | 84 | 367 | 209,089 |
| Department of Education | 84 | 407 | 405,168 |
| Department of Education | 94 | 047 | 285,367 |
| Department of Education | 99 | unknown | 184,668 |
| Department of Education Total | | | 31,762,687 |
| | | | |
| Department of Energy | 81 | 036 | 305,037 |
| Department of Energy | 81 | 049 | 995,452 |
| Department of Energy | 81 | 086 | 265,334 |
| Department of Energy | 81 | 113 | 20,000 |
| Department of Energy | 81 | 121 | 261,996 |
| Department of Energy | 81 | 124 | 228,874 |
| Department of Energy | 81 | 135 | 2,200 |
| Department of Energy | 81 | 136 | 299,994 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|---|---------|---------|--------------|
| Federal Agency Direct Awards Expended (Continued) | CFDA # | | Expenditures |
| Department of Energy | 81 | unknown | 13,234 |
| ARRA-Department of Energy | 81 | unknown | 1 |
| Department of Energy | 99 | unknown | 2,658,736 |
| ARRA-Department of Energy | 99 | unknown | 40,559 |
| Department of Energy Total | | | 5,091,417 |
| Department of Interior | 15 | 236 | 6,000 |
| Department of Interior | 15 | 507 | 25,028 |
| Department of Interior | 15 | 530 | 46,030 |
| Department of Interior | 15 | 657 | 21,641 |
| Department of Interior | 15 | 808 | 35,127 |
| Department of Interior | 15 | 945 | 55,929 |
| Department of Interior | 15 | unknown | 171,859 |
| Department of Interior | 99 | unknown | 97,093 |
| Department of Interior Total | | | 458,707 |
| Department of Justice | 16 | 525 | 159,030 |
| Department of Justice | 16 | 560 | 157,073 |
| Department of Justice Total | | | 316,103 |
| ARRA-Department of Labor | 17 | 275 | 655,293 |
| Department of Labor | 17 | 502 | 293,896 |
| Department of Labor Total | | | 949,189 |
| Department of State | 19 | 021 | 50,083 |
| Department of State | 19 | 402 | 23,631 |
| Department of State | 19 | 424 | 32,225 |
| Department of State Total | | | 105,939 |
| Department of Transport | 20 | 200 | 43,900 |
| Department of Transport | 20 | 215 | 5,000 |
| Department of Transport | 20 | 701 | 222,545 |
| Department of Transport | 20 | unknown | 43,758 |
| Department of Transport | 99 | unknown | 12,558 |
| Department of Transport Total | | | 327,761 |
| Department of Health & Human Services | | | |
| Administration for Children and Families | 93 | 600 | 1,305,295 |
| Administration for Children and Families | 93 | 604 | 172,443 |
| Administration for Children and Families | 93 | 631 | 417,230 |
| Administration for Children and Families | 93 | 632 | 480,348 |
| ARRA-Administration for Children and Families | 93 | 709 | (4,863) |
| Administration for Children and Families Total | | | 2,370,453 |
| HHS Office of The Secretary | 99 | unknown | 185,208 |
| PHS/Adamha | 93 | 243 | 2,253,273 |
| PHS/Adamha | 99 | unknown | 155,608 |
| PHS/Adamha Total | | | 2,408,881 |
| PHS Aging, Administration on | 93 | 051 | 360,571 |
| PHS/Agency for HealthCare Research & Quality | 93 | 225 | 396,217 |
| PHS/Agency for HealthCare Research & Quality | 93 | 226 | 990,165 |
| PHS/Agency for Health Care Research & Quality Total | | | 1,386,382 |
| PHS/Center for Disease Control | 93 | 067 | 1,218,977 |
| PHS/Center for Disease Control | 93 | 068 | 262,804 |
| PHS/Center for Disease Control | 93 | 116 | 457,932 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Federal Agency Direct Awards Expended (Continued) | CFDA # | | Expenditures |
| PHS/Center for Disease Control | 93 | 262 | 1,074,002 |
| PHS/Center for Disease Control | 93 | 283 | 395,895 |
| PHS/Center for Disease Control | 93 | 520 | 42,755 |
| PHS/Center for Disease Control | 93 | 541 | 361,848 |
| PHS/Center for Disease Control | 93 | 738 | 486,367 |
| PHS/Center for Disease Control | 93 | 939 | 1,001,070 |
| PHS/Center for Disease Control | 99 | unknown | 170,907 |
| PHS/Center for Disease Control Total | | | 5,472,557 |
| PHS/Food & Drug Administration | 93 | 103 | 1,590,710 |
| PHS/Food & Drug Administration | 93 | 448 | 415,403 |
| PHS/Food & Drug Administration Total | | | 2,006,113 |
| PHS/Health Resources & Services Admin | 93 | 059 | 361,770 |
| PHS/Health Resources & Services Admin | 93 | 107 | 969,196 |
| PHS/Health Resources & Services Admin | 93 | 110 | 2,856,586 |
| PHS/Health Resources & Services Admin | 93 | 117 | 135,618 |
| PHS/Health Resources & Services Admin | 93 | 145 | 1,461,355 |
| PHS/Health Resources & Services Admin | 93 | 153 | 472,198 |
| PHS/Health Resources & Services Admin | 93 | 156 | 1,160,647 |
| PHS/Health Resources & Services Admin | 93 | 157 | 634,961 |
| PHS/Health Resources & Services Admin | 93 | 186 | 423,542 |
| PHS/Health Resources & Services Admin | 93 | 224 | 209,468 |
| PHS/Health Resources & Services Admin | 93 | 227 | 896,281 |
| PHS/Health Resources & Services Admin | 93 | 247 | 1,118,909 |
| PHS/Health Resources & Services Admin | 93 | 250 | 305,318 |
| PHS/Health Resources & Services Admin | 93 | 253 | 2,481,151 |
| PHS/Health Resources & Services Admin | 93 | 265 | 168,601 |
| PHS/Health Resources & Services Admin | 93 | 358 | 2,000 |
| PHS/Health Resources & Services Admin | 93 | 359 | 2,086,331 |
| ARRA-PHS/Health Resources & Services Admin | 93 | 404 | 157,104 |
| ARRA-PHS/Health Resources & Services Admin | 93 | 411 | (2,203) |
| PHS/Health Resources & Services Admin | 93 | 510 | 1,497,697 |
| PHS/Health Resources & Services Admin | 93 | 515 | 426,666 |
| PHS/Health Resources & Services Admin | 93 | 516 | 688,093 |
| PHS/Health Resources & Services Admin | 93 | 822 | 326,922 |
| PHS/Health Resources & Services Admin | 93 | 846 | 87,378 |
| PHS/Health Resources & Services Admin | 93 | 884 | 884,675 |
| PHS/Health Resources & Services Admin | 93 | 918 | 690,514 |
| PHS/Health Resources & Services Admin | 93 | 928 | 296,523 |
| PHS/Health Resources & Services Admin | 93 | 964 | 70,000 |
| PHS/Health Resources & Services Admin | 93 | 969 | 800,273 |
| PHS/Health Resources & Services Admin | 93 | unknown | 229,811 |
| PHS/Health Resource & Service Admin Total | | | 21,897,385 |
| ARRA-NIH Aging, National Institute on | 93 | 701 | 7,701 |
| NIH Aging, National Institute on | 93 | 866 | 3,342,467 |
| NIH Alcohol Abuse and Alcoholism, National Institute of | 92 | 273 | 37,049 |
| NIH Alcohol Abuse and Alcoholism, National Institute of | 93 | 272 | 278,454 |
| NIH Alcohol Abuse and Alcoholism, National Institute of | 93 | 273 | 303,622 |
| NIH Arthritis, Musculoskeletal & Skin Diseases, Natl Institute of | 93 | 846 | 2,521,950 |
| NIH Biomedical Imaging and Bioengineering, Natl Institute of (NIBIB) | 99 | unknown | 314,867 |
| NIH Biomedical Imaging and Bioengineering, Natl Institute of (NIBIB) | 93 | 286 | 1,040,729 |
| NIH Child Health & Human Development, National Institute of | 93 | 282 | 5,629 |
| ARRA-NIH Child Health & Human Development, National Institute of | 93 | 701 | 89 |
| NIH Child Health & Human Development, National Institute of | 93 | 864 | 336,263 |
| NIH Child Health & Human Development, National Institute of | 93 | 865 | 4,482,748 |
| NIH Deafness & Other Communication Disorders, Natl Institute on | 93 | 173 | 422,311 |
| NIH Dental and Craniofacial Research, National Institute of (NIDCR) | 93 | 121 | 1,947,449 |
| NIH Diabetes, Digestive & Kidney Diseases, National Institute of | 99 | unknown | 284,245 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Federal Agency Direct Awards Expended (Continued) | CFDA # | | Expenditures |
| NIH Diabetes, Digestive & Kidney Diseases, National Institute of | 93 | 847 | 5,875,613 |
| NIH Diabetes, Digestive & Kidney Diseases, National Institute of | 93 | 848 | 19,849 |
| NIH Diabetes, Digestive & Kidney Diseases, National Institute of | 93 | 849 | 235,969 |
| NIH Diabetes, Digestive & Kidney Diseases, National Institute of | 93 | 947 | 62,168 |
| NIH Drug Abuse, National Institute of (NIDA) | 99 | unknown | 31,625 |
| NIH Drug Abuse, National Institute of (NIDA) | 93 | 278 | 157,888 |
| NIH Drug Abuse, National Institute of (NIDA) | 93 | 279 | 3,318,764 |
| NIH Drug Abuse, National Institute of (NIDA) | 93 | 310 | 66,299 |
| NIH Environmental Health Sciences, National Institute of | 93 | unknown | 202,530 |
| NIH Environmental Health Sciences, National Institute of | 93 | 113 | 916,734 |
| NIH Environmental Health Sciences, National Institute of | 93 | 142 | 1,379,943 |
| ARRA-NIH Environmental Health Sciences, National Institute of | 93 | 701 | (1,102) |
| NIH General Medical Science, National Institute of | 99 | unknown | 33,957 |
| ARRA-NIH General Medical Science, National Institute of | 93 | 701 | 21,008 |
| NIH General Medical Science, National Institute of | 93 | 855 | 8,518 |
| NIH Heart, Lung & Blood, National Institute of | 99 | unknown | 143,050 |
| NIH Heart, Lung & Blood, National Institute of | 93 | 233 | 292,564 |
| NIH Heart, Lung & Blood, National Institute of | 93 | 837 | 5,582,597 |
| NIH Heart, Lung & Blood, National Institute of | 93 | 838 | 2,046,768 |
| NIH Heart, Lung & Blood, National Institute of | 93 | 839 | 749,150 |
| NIH Heart, Lung & Blood, National Institute of | 98 | 837 | 28,700 |
| NIH John F. Fogarty International Center | 99 | unknown | 120,699 |
| NIH John F. Fogarty International Center | 93 | 989 | 1,400,054 |
| NIH Medicine, National Library of | 99 | unknown | 1,086,830 |
| ARRA-NIH Medicine, National Library of | 93 | 701 | 113,112 |
| NIH Medicine, National Library of | 93 | 879 | 53,733 |
| NIH Mental Health, National Institute of (NIMH) | 99 | unknown | 14,071 |
| NIH Mental Health, National Institute of (NIMH) | 93 | 242 | 3,156,869 |
| NIH Mental Health, National Institute of (NIMH) | 93 | 281 | 2,824,178 |
| NIH Mental Health, National Institute of (NIMH) | 93 | 282 | 4,205,085 |
| NIH National Cancer Institute (NCI) | 99 | unknown | 298,849 |
| NIH National Cancer Institute (NCI) | 93 | 393 | 599,762 |
| NIH National Cancer Institute (NCI) | 93 | 395 | 769,273 |
| NIH National Cancer Institute (NCI) | 93 | 396 | (1) |
| NIH National Cancer Institute (NCI) | 93 | 397 | 84,006 |
| NIH National Cancer Institute (NCI) | 93 | 398 | 8,101,961 |
| ARRA-NIH National Cancer Institute (NCI) | 93 | 701 | 18,473 |
| NIH National Center Complementary & Alternative Medicine | 93 | 213 | 1,475,241 |
| NIH National Center Research Resources | 93 | 350 | 154,102 |
| NIH National Center Research Resources | 93 | 389 | 962,579 |
| ARRA-NIH National Center Research Resources | 93 | 701 | (1) |
| NIH National Center Research Resources | 93 | 853 | 33,418 |
| NIH National Center Research Resources | 93 | 865 | 24,475 |
| NIH Natl Ctr for Advancing Translational Sciences | 99 | unknown | 154,861 |
| NIH Natl Ctr for Advancing Translational Sciences | 93 | unknown | 16,760 |
| NIH Natl Ctr for Advancing Translational Sciences | 93 | 350 | 298,733 |
| NIH Natl Ctr for Advancing Translational Sciences | 93 | 389 | 528,220 |
| NIH Natl Ctr on Minority Health and Health Disparities | 93 | 307 | 1,278,186 |
| NIH Natl Eye Institute | 93 | 867 | 1,903,297 |
| NIH Natl Human Genome Research Institute | 99 | unknown | (148) |
| NIH Natl Human Genome Research Institute | 93 | 172 | 1,040,600 |
| NIH Natl Human Genome Research Institute | 93 | 310 | 1,391,916 |
| ARRA-NIH Natl Inst of Allergy and Infectious Diseases | 93 | 701 | (5) |
| NIH Natl Inst of Allergy and Infectious Diseases | 93 | 855 | 5,828,576 |
| NIH Natl Inst of Allergy and Infectious Diseases | 93 | 856 | 465,663 |
| NIH Natl Institute of Biomedical Imaging & Bioengineering | 93 | 286 | 146,431 |
| NIH Neurological Disorders & Stroke, Natl Institute of | 93 | 853 | 5,136,244 |
| NIH Nursing Research, National Institute of (NINR) | 99 | unknown | 158,442 |
| NIH Nursing Research, National Institute of (NINR) | 93 | 361 | 1,225,861 |
| NIH Office of The Director | 93 | 351 | 3,902,409 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|---|---------|---------|--------------|
| Federal Agency Direct Awards Expended (Continued) | CFDA # | | Expenditures |
| | | | |
| PHS/Natl Inst Health Total | | | 85,470,979 |
| Department of Health & Human Services Total | | | 121,558,529 |
| Environmental Protection Agency | 66 | 509 | (193) |
| Environmental Protection Agency | 66 | 514 | 61,765 |
| Environmental Protection Agency | 66 | 714 | 1,346 |
| Environmental Protection Agency | 66 | 716 | 364,158 |
| Environmental Protection Agency | 66 | 931 | 9,015 |
| Environmental Protection Agency | 66 | unknown | 18,963 |
| Environmental Protection Agency | 99 | unknown | 99 |
| Environmental Protection Agency Total | | | 455,153 |
| Library of Congress | 42 | unknown | 318,068 |
| National Aeronautics & Space Administration | 43 | 001 | 1,045,419 |
| National Aeronautics & Space Administration | 43 | 002 | 21,245 |
| National Aeronautics & Space Administration | 43 | 009 | 74,000 |
| National Aeronautics & Space Administration | 43 | unknown | 1,449,727 |
| National Aeronautics & Space Administration | 99 | unknown | 175,635 |
| National Aeronautics & Space Administration Total | | | 2,766,026 |
| National Archives & Records Administration | 89 | 003 | 107,196 |
| National Foundation Arts & Humanities | 45 | 024 | 312,859 |
| National Foundation Arts & Humanities | 45 | 149 | 97,632 |
| National Foundation Arts & Humanities | 45 | 160 | 100,777 |
| National Foundation Arts & Humanities | 45 | 161 | 256,061 |
| National Foundation Arts & Humanities | 45 | 163 | 281,385 |
| National Foundation Arts & Humanities | 45 | 169 | 56,532 |
| National Foundation Arts & Humanities | 45 | 301 | 198,121 |
| National Foundation Arts & Humanities | 45 | 303 | 52,618 |
| National Foundation Arts & Humanities | 45 | 307 | 102,835 |
| National Foundation Arts & Humanities | 45 | 312 | 406,298 |
| National Foundation Arts & Humanities | 45 | 313 | 701,480 |
| National Foundation Arts & Humanities | 45 | unknown | 8,002 |
| National Foundation Arts & Humanities | 47 | 075 | 13,496 |
| National Foundation Arts & Humanities Total | | | 2,588,096 |
| Nuclear Regulatory Commission | 77 | 008 | 50,000 |
| Other Agencies | 99 | unknown | 104,379 |
| Peace Corps | 99 | unknown | 19,552 |
| Small Business Administration | 59 | 037 | 1,904,700 |
| Veterans Affairs | 99 | unknown | 3,202,892 |
| Vietnam Education Foundation | 19 | unknown | 178,712 |
| Vietnam Education Foundation | 84 | unknown | 7,320 |
| Total Federal Agency Direct Awards Expended | | | 198,824,767 |
| Pass Through Funds Expended | | | |
| Abt Associates, Inc. (GAIA1-6-UCSF-17927-1) | 66 | unknown | 45,636 |
| Academy of Applied Science (12-56) | 12 | 431 | 1,276 |
| Academy of Applied Science (12-78) | 12 | 431 | 1,276 |
| Academy of Applied Science (AAS-54054-CYC1) | 12 | 420 | 2,600 |
| Academy of Applied Science (AAS-54777-CYC1) | 12 | 630 | 10,463 |
| Adler Planetarium & Astronomy Museum (1500IBEX01) | 43 | unknown | 4,793 |
| Aids Project Los Angeles (C-112139) | 99 | unknown | 372,970 |
| Alameda County (33864) | 10 | unknown | 70,910 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Amador, County of (EW201202) | 93 | 558 | 8,460 |
| American Academy of Addiction Psychiatry, Inc. (AAP008) | 93 | 243 | 65,998 |
| American Academy of Pediatrics (719100-UCLA) | 93 | 600 | 315,731 |
| American Association of Museums (20123864) | 19 | 415 | 33,425 |
| American Burn Association (201015946) | 12 | unknown | 114,744 |
| American College of Radiology (1145) | 93 | 394 | 11,283 |
| American College of Radiology (59335) | 93 | 394 | 127,268 |
| American College of Radiology (UCSF#A115305) | 93 | 395 | 24,614 |
| American Education Solutions, Inc. (20110692:2) | 99 | unknown | 290,075 |
| American Institute for Research (merged with New American Schools) (00783-L3001-L300002) | 84 | 283 | 2,427 |
| American International Health Alliance (H-F5-ETH-09-P-PTR-ARAT-00) | 93 | unknown | 10,742 |
| American Land Conservancy (84373) | 15 | 608 | (34) |
| American Physiological Society (005737) | 12 | 431 | 28,300 |
| American Psychiatric Association (83278) | 93 | unknown | 1,604 |
| American Society for Biochemistry and Molecular Biology (SUB 2013-0212 (MCB-1217007) | 47 | 074 | 712 |
| Applied Pavement Technology, Inc. (TOPR310026RR03UCD1) | 20 | unknown | 41,256 |
| Association of American Medical Colleges (UCSF#A113558) | 93 | 283 | 3,718 |
| Association of Occupational and Environmental Clinics (UCSF#A118679) | 93 | unknown | 78,514 |
| Association of Universities for Research in Astronomy (79729) | 99 | unknown | 92,537 |
| Association of Universities for Research in Astronomy (HST-EO-12585.14-A) | 43 | unknown | 18,879 |
| Association of Universities for Research in Astronomy (HST-HF-51307.01-A) | 99 | unknown | 76,723 |
| Battelle Memorial Institute (00130593) | 81 | unknown | 5,336 |
| Battelle Memorial Institute (306763) | 93 | unknown | 456,421 |
| Bbn Technologies Corp. (BBN REF ID 14059) | 47 | 070 | 16,000 |
| Blh Technologies, Inc. (84589) | 93 | 558 | 751 |
| Boston University (9500241324) | 93 | unknown | 6,510 |
| Brigham and Women's Hospital (106476) | 93 | 838 | 141,605 |
| Brigham and Women's Hospital (107231) | 93 | 310 | 54,946 |
| Butte, County of (21821) | 93 | 558 | 13,670 |
| Butte, County of (33489) | 93 | 243 | 37,211 |
| Butte, County of (83884) | 93 | 243 | (1,677) |
| Cakalo & Cakalo D.O.O. (72866) | 93 | unknown | 658 |
| California Center for Sustainable Energy (SUB 20104756 (NONE)) | 81 | 049 | (8,482) |
| California Child Development Division (18288) | 93 | 596 | (2) |
| California Children and Families Commission (96794) | 93 | unknown | (984) |
| California Commission on Teacher Credentialing (18320) | 84 | 017 | (16,366) |
| California Community Colleges & Chancellor's Office (F10-0066) | 93 | 512 | 64,347 |
| California Department of Alcohol and Drug Problems (10-00130) | 93 | 959 | 75,087 |
| California Department of Alcohol and Drug Problems (11-00120) | 93 | unknown | 136,505 |
| California Department of Alcohol and Drug Problems (18806) | 93 | 959 | 75,693 |
| California Department of Education (1493-5A) | 10 | 558 | 49,961 |
| California Department of Education (18233) | 10 | 558 | 16,328 |
| California Department of Education (18236) | 84 | 367 | (554) |
| California Department of Education (18255) | 84 | 367 | (161) |
| California Department of Education (18334) | 84 | 367 | 513 |
| California Department of Education (18344) | 84 | 367 | 1,463,495 |
| California Department of Education (18674) | 93 | 596 | (6,970) |
| California Department of Education (18848) | 93 | 596 | (259) |
| California Department of Education (18852) | 93 | 575 | (338) |
| California Department of Education (18853) | 93 | 596 | (5) |
| California Department of Education (18860) | 93 | 596 | (21,151) |
| California Department of Education (18863) | 93 | 575 | 21,216 |
| California Department of Education (18865) | 93 | 596 | 28,761 |
| California Department of Education (18866) | 93 | 575 | 20,429 |
| California Department of Education (18868) | 93 | 596 | 69,500 |
| California Department of Education (301466-1A-CYC27) | 10 | 558 | 14,679 |
| California Department of Education (301466-1A-CYC29) | 10 | 558 | 37,346 |
| California Department of Education (83525) | 84 | unknown | 4,025 |
| ARRA-California Department of Education (83545) | 84 | unknown | (2,187) |
| California Department of Education (84717) | 93 | 575 | 19,226 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|---|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| California Department of Education (CCTR-2174-CYC1) | 93 | 575 | 198,429 |
| California Department of Education (CCTR-2289) | 93 | 575 | 38,463 |
| ARRA-California Department of Education (CRPM-0050) | 93 | 713 | 6,266 |
| California Department of Education (CSPP-1561) | 93 | 575 | (697) |
| California Department of Education (CSPP-2345-CYC1) | 93 | 596 | 113,519 |
| California Department of Education (NCLB9-CHSSP-UCB) | 84 | 367 | 47,498 |
| California Department of Education Curriculum and Instruction (18243) | 84 | 367 | 4,900 |
| California Department of Education Curriculum and Instruction (18244) | 84 | 367 | 760 |
| California Department of Education Curriculum and Instruction (18682) | 84 | 367 | 10,579 |
| California Department of Education Curriculum and Instruction (18683) | 84 | 367 | 6 |
| California Department of Education Curriculum and Instruction (83938) | 84 | 367 | 539 |
| California Department of Education Curriculum and Instruction (NCLB9CHSSPSO) | 84 | unknown | 115,115 |
| California Department of Education Curriculum and Instruction (NCLB9-CRLP-UCI-CYC1) | 84 | 367 | 45,197 |
| California Department of Education Curriculum and Instruction (NCLB9-CRLP-UCSC) | 84 | 367 | 46,330 |
| California Department of Education Curriculum and Instruction (NCLB9-CSP-UCI-CYC1) | 84 | 367 | 32,903 |
| California Department of Education Curriculum and Instruction (NCLB9-CWP-UCSC) | 84 | 367 | 36,197 |
| California Department of Education Curriculum and Instruction (UCLA-41506-CYC11) | 84 | 367 | 43,000 |
| California Department of Education Specialized Programs (SB130067) | 10 | 559 | 7,959 |
| California Department of Food and Agriculture (25375) | 10 | 170 | 47,222 |
| California Department of Food and Agriculture (30987) | 10 | 170 | 74,994 |
| California Department of Food and Agriculture (32010) | 10 | 170 | 86,218 |
| California Department of Food and Agriculture (32084) | 10 | 170 | 114,399 |
| California Department of Food and Agriculture (32092) | 10 | unknown | 123,747 |
| California Department of Food and Agriculture (32094) | 10 | unknown | 9,899 |
| California Department of Food and Agriculture (33800) | 10 | 170 | 25,300 |
| California Department of Food and Agriculture (33906) | 10 | 170 | 82 |
| California Department of Food and Agriculture (83288) | 10 | 170 | (20,993) |
| ARRA-California Department of Food and Agriculture (84091) | 10 | 688 | 7 |
| California Department of Food and Agriculture (SCB11010) | 10 | 170 | 23,532 |
| California Department of Food and Agriculture (SCB11075) | 10 | unknown | 371 |
| ARRA-California Department of Forestry and Fire Protection (84097) | 10 | 688 | 18,526 |
| ARRA-California Department of Forestry and Fire Protection (84098) | 10 | 688 | (34) |
| ARRA-California Department of Health Care Services (84731) | 93 | 719 | 33,004 |
| California Department of Health Care Services (88106) | 93 | unknown | (226) |
| California Department of Health Care Services (88164) | 93 | unknown | 40 |
| California Department of Pesticide Regulation (32013) | 10 | 170 | 9,374 |
| California Department of Public Health (08-85655) | 93 | unknown | 971,962 |
| California Department of Public Health (09-11246) | 93 | unknown | 926,012 |
| California Department of Public Health (09-11255) | 93 | unknown | 3,544 |
| California Department of Public Health (10-10110) | 93 | 110 | 140,041 |
| California Department of Public Health (10-10111) | 93 | 262 | 851,265 |
| California Department of Public Health (10-10112) | 93 | 994 | 174,240 |
| California Department of Public Health (10-10113) | 93 | 994 | 364,313 |
| California Department of Public Health (10-10114) | 93 | unknown | 845 |
| California Department of Public Health (10-10332) | 93 | unknown | 1,844,947 |
| California Department of Public Health (1010403) | 93 | unknown | 2,806,212 |
| California Department of Public Health (10-95460) | 93 | unknown | 53,590 |
| California Department of Public Health (11-10004) | 93 | unknown | 143,933 |
| California Department of Public Health (11-10023) | 93 | unknown | 303,293 |
| California Department of Public Health (11-10368) | 93 | 136 | 36,261 |
| California Department of Public Health (1110634) | 10 | 557 | 93,786 |
| California Department of Public Health (1110674) | 93 | 521 | 966,024 |
| California Department of Public Health (1110729) | 10 | 588 | 666,058 |
| California Department of Public Health (12-10053) | 93 | unknown | 1,185,303 |
| California Department of Public Health (12-10091) | 93 | unknown | 326,858 |
| California Department of Public Health (1210097) | 93 | 566 | 51,527 |
| California Department of Public Health (1210280) | 93 | 103 | 4,105 |
| California Department of Public Health (12-10307) | 93 | 943 | 670,793 |
| California Department of Public Health (1210312) | 93 | 103 | 7,127 |
| California Department of Public Health (18203) | 93 | 136 | 49,374 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|---|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| California Department of Public Health (83366) | 93 | unknown | (500) |
| California Department of Public Health (83582) | 10 | 561 | 14,284 |
| California Department of Public Health (83942) | 10 | 561 | 636,910 |
| ARRA-California Department of Public Health (84708) | 93 | unknown | (811) |
| California Department of Public Health (88232) | 93 | unknown | 44,371 |
| California Department of Public Health (88234) | 93 | unknown | (6,698) |
| California Department of Public Health (88235) | 93 | unknown | (1,694) |
| California Department of Public Health (88255) | 93 | unknown | (4,016) |
| California Department of Public Health (88269) | 93 | unknown | (9,980) |
| ARRA-California Department of Public Health (ARRA1110029) | 93 | unknown | 127,580 |
| California Department of Rehabilitation (27737) | 84 | 126 | 204,877 |
| California Department of Rehabilitation (28496) | 84 | 126 | 159,808 |
| California Department of Rehabilitation (28632) | 84 | 126 | 271,214 |
| California Department of Social Services (00007952) | 93 | 658 | 831,814 |
| California Department of Social Services (112028) | 93 | 658 | 141,965 |
| California Department of Social Services (112034) | 93 | unknown | 83,176 |
| California Department of Social Services (112042) | 93 | 658 | 110,410 |
| California Department of Social Services (122006) | 93 | 658 | 1,805,093 |
| California Department of Social Services (12H9012) | 93 | 624 | 31,642 |
| California Department of Social Services (18683) | 93 | 658 | 21 |
| California Department of Social Services (1T32GM099608) | 93 | 658 | 1,603,734 |
| California Department of Social Services (30901) | 93 | 658 | (65,267) |
| California Department of Social Services (30903) | 93 | 658 | (1,898) |
| California Department of Social Services (30905) | 93 | 658 | 115,293 |
| California Department of Social Services (32440) | 10 | 561 | 3,372,531 |
| California Department of Social Services (33787) | 10 | 561 | 105,893 |
| California Department of Social Services (33787) | 10 | 561 | 3,723,677 |
| California Department of Social Services (81835) | 10 | 561 | (93) |
| California Department of Social Services (83355) | 93 | unknown | (4,189) |
| California Department of Social Services (83377) | 93 | unknown | (38,577) |
| California Department of Social Services (86596) | 10 | 561 | 4 |
| California Department of Social Services (87621) | 10 | 561 | (457) |
| ARRA-California Department of Social Services (ARRA12H9004) | 93 | 719 | 3,846,940 |
| California Education, Liaison, Office of (CN120093) | 84 | unknown | 691,126 |
| California Emergency Management Agency (005631) | 16 | 607 | (2,770) |
| California Emergency Management Agency (20100085) | 97 | 067 | 83,793 |
| California Emergency Management Agency (RC 11 27 1141) | 16 | 575 | 33,836 |
| California Emergency Management Agency (RC12 28 1141) | 16 | 575 | 241,414 |
| California Emergency Medical Services Authority (88249) | 93 | unknown | 52,289 |
| California Employment Development Department (K287145) | 17 | 258 | 187,198 |
| California Employment Development Department (K287150) | 17 | 258 | 271,926 |
| California Family Health Council, Inc. (1324-5320-71209-12) | 93 | 217 | 41,642 |
| California Family Health Council, Inc. (1324-5320-71209-13) | 93 | 217 | 33,876 |
| California Family Health Council, Inc. (UCSF#A120796) | 93 | 217 | 130,860 |
| California Governors Office of Planning and Research (CV11-014) | 94 | 007 | 47,437 |
| California Health Collaborative Foundations (C000100078) | 10 | 551 | 2,279 |
| California Medical Center (20111273) | 99 | unknown | 141,856 |
| California Military Department (83594) | 97 | unknown | (67) |
| ARRA-California Office of Statewide Health Planning and Development (09-9482) | 93 | unknown | 23,272 |
| California Office of Statewide Health Planning and Development (11-3199) | 93 | unknown | 238,476 |
| ARRA-California Office of the State Fire Marshall (84094) | 10 | 688 | 2,775 |
| California Office of Traffic Safety (18386) | 20 | 601 | (2,555) |
| California Office of Traffic Safety (20360-CYC1) | 20 | 601 | 56,260 |
| California Office of Traffic Safety (AL1322-CYC1) | 20 | 608 | 217,692 |
| California Olive Oil Council (201119545) | 10 | 604 | 9,780 |
| California Postsecondary Education Commission (004440) | 84 | 367 | 151,705 |
| California Postsecondary Education Commission (004806) | 84 | 367 | 116,479 |
| California Postsecondary Education Commission (18303) | 84 | 367 | 85,583 |
| California Postsecondary Education Commission (18417) | 84 | 367 | (1,250) |
| California Postsecondary Education Commission (18527) | 84 | 367 | (1,500) |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|---|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| California Postsecondary Education Commission (18596) | 84 | 367 | 1,250 |
| California Postsecondary Education Commission (18975) | 84 | 367 | 186,752 |
| California Postsecondary Education Commission (18985) | 84 | 367 | 107,308 |
| California Postsecondary Education Commission (20412) | 84 | 367 | 2,441 |
| California Postsecondary Education Commission (20413) | 84 | 367 | 30,064 |
| California Postsecondary Education Commission (ITQ-03-360) | 84 | unknown | 43,000 |
| California Postsecondary Education Commission (ITQ-03-360MOD. # 14) | 84 | 367 | 891,923 |
| California Postsecondary Education Commission (ITQ-08-528) | 84 | 367 | 26,693 |
| California Postsecondary Education Commission (ITQ-08-534) | 84 | 367 | 23,428 |
| California Postsecondary Education Commission (ITQ-09-608) | 84 | 367 | 190,089 |
| California Postsecondary Education Commission (ITQ-09-T600) | 84 | 367 | 778,446 |
| California Postsecondary Education Commission (ITQ-10-705-CYC1) | 84 | 367 | 270,221 |
| California Postsecondary Education Commission (ITQ-10-708) | 84 | 367 | 204,955 |
| California Postsecondary Education Commission (ITQ-10-709) | 84 | 367 | 365,535 |
| California Postsecondary Education Commission (ITQ10711) | 84 | 367 | 304,368 |
| California Postsecondary Education Commission (ITQ11802) | 84 | 367 | 164,285 |
| California Postsecondary Education Commission (ITQ-11-804) | 84 | 367 | 266,574 |
| California Service Corps, The (005476) | 94 | 006 | 24,094 |
| California Service Corps, The (005929) | 94 | 006 | 229,630 |
| California Service Corps, The (11AFHY18-F61) | 94 | 006 | 16,525 |
| California State Library (18340) | 45 | 310 | 15,715 |
| California State University, Monterey Bay Foundation (33919) | 10 | 170 | 28,823 |
| California State University, San Diego State University (33442) | 93 | 667 | 6,886 |
| California State University, San Diego State University (55147A P1623 7803 211) | 47 | 076 | 7,911 |
| California State University, San Diego State University (59000) | 93 | 768 | (78) |
| California State University, San Francisco State University (58866) | 94 | 005 | 37 |
| ARRA-California State University, San Jose State University Foundation (80323) | 17 | 275 | 36,000 |
| ARRA-California State University, San Jose State University Foundation (SUB NONE (GJ-20049-10-60-A-6)A) | 17 | 275 | 16,173 |
| California Student Aid Commission (30643) | 84 | 378 | 7,704 |
| California Student Aid Commission (C12006) | 84 | unknown | 22,000 |
| California Student Aid Commission (SUB P378A110034 (NONE)) | 84 | 378 | 444,909 |
| California Transportation Commission (RPSTPLE-6342(003)) | 20 | unknown | 94,432 |
| Case Western Reserve University (79035) | 99 | unknown | 11,928 |
| Case Western Reserve University (HHSH230200732011C) | 99 | unknown | (12,989) |
| Center for Comprehensive Care & Diagnosis of Inherited Blood Disorders (59276) | 93 | 110 | (9,954) |
| Center for Comprehensive Care & Diagnosis of Inherited Blood Disorders (ATHN2011001-IX-1) | 93 | 184 | 39,155 |
| Center for Comprehensive Care & Diagnosis of Inherited Blood Disorders (CIBDIX2012HRSA-UCSF-1) | 93 | 110 | 50,250 |
| Center for Plant Conservation (L08AC14716-0005) | 15 | unknown | 7,786 |
| Central Coast Agricultural Water Quality Coalition (24718) | 10 | 443 | 98 |
| Child Trends Incorporated (HHSP23337002T) | 93 | unknown | 1,487 |
| Children's Hospital Medical Center of Cincinnati (130474-CLEMENS) | 93 | 865 | 89,976 |
| Children's Hospital Medical Center of Cincinnati (130474-LELKES) | 93 | 865 | 90,531 |
| Children's Hospital Medical Center of Cincinnati (130474-TRAN) | 93 | 865 | 105,158 |
| Children's Hospital Medical Center of Cincinnati (71831) | 93 | 865 | (105) |
| Children's Hospital of Los Angeles (201224394) | 93 | 847 | 540 |
| Children's Hospital of Los Angeles (8218-TGF007134-00) | 93 | 847 | 540 |
| Children's Hospital of Orange County (87454) | 93 | 110 | (3,452) |
| Chinese Center for Disease Control and Prevention (ICOHRTA-09) | 93 | 989 | 209,771 |
| Chuck & Judy Wheatley (25993) | 15 | 631 | 183 |
| City College of San Francisco (UCSF#A120132) | 93 | 640 | 152,895 |
| City of Los Angeles ((T5247) C-121135) | 17 | 259 | 1,680,291 |
| City of Los Angeles (20702) | 17 | 267 | (703) |
| City of Los Angeles (20703) | 17 | 267 | (7,791) |
| City of Los Angeles (20719) | 17 | 259 | 2,137 |
| City of Los Angeles (20720) | 17 | 259 | 84,058 |
| City of Los Angeles (20739) | 17 | 259 | 36,571 |
| City of Los Angeles (20740) | 17 | 259 | 77,818 |
| City of Los Angeles (77018) | 17 | 267 | (723) |
| City/County Association of Area Governments of San Mateo County (7220013D009) | 93 | 558 | 24,170 |
| Clergy and Laity United for Economic Justice-California (20114539) | 17 | 502 | 17,837 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Clergy and Laity United for Economic Justice-California (20133349) | 17 | 502 | 21,307 |
| Cna Corporation, the (CNAC) (incl Ctr Naval Analyses, Inst Public Res) (09-BMI-5-5701) | 99 | unknown | 58,366 |
| Colorado State University (22143) | 10 | 200 | 16,213 |
| Colorado State University (84885) | 10 | 200 | 950 |
| Colorado State University (88782) | 10 | 200 | (236) |
| Columbia University (10ACCT537761) | 93 | 113 | 5,796 |
| Colusa, County of (30826) | 93 | 558 | 6,489 |
| Colusa, County of (EW201205) | 93 | 558 | 14,502 |
| Community Anti-drug Coalitions of America (UCSF#A119885) | 93 | 069 | 22,118 |
| Computing Research Association (CIF-D-019) | 47 | 070 | 118,007 |
| Computing Research Association (CIF-E-001) | 47 | 070 | 113,516 |
| Consortium for Ocean Leadership (62137) | 47 | 050 | 1,758 |
| Consumer Self Help Center (201016039) | 93 | unknown | 8,445 |
| Contra Costa County (32719) | 93 | 658 | 3,843 |
| Contra Costa County (EW201243) | 93 | 558 | 133,086 |
| Cook Group, Inc. (201224435) | 93 | 103 | 5,800 |
| Cornell University (641889732) | 10 | 309 | 55,043 |
| Council of Graduate Schools (SUB 17692 (HRD-1138814)) | 47 | 076 | 25,425 |
| County of Los Angeles (H-300159) | 93 | 889 | 582,514 |
| County of Los Angeles (H-701039) | 93 | 889 | 98,444 |
| ARRA-County of Los Angeles (PH-0015451) | 93 | 724 | 37,206 |
| County of Marin (33419) | 93 | 558 | 705 |
| County of Marin (33420) | 93 | 658 | 535 |
| County of Marin (CW201217) | 93 | 658 | 8,197 |
| County of Marin (EW201217) | 93 | 558 | 24,170 |
| County of Solano (08001298) | 84 | 215 | 57,655 |
| County of Solano (201014134) | 84 | 215 | 102,719 |
| County of Solano (87898) | 93 | 558 | (307) |
| County of Solano (WK201232) | 93 | 558 | 34,598 |
| County of Sonoma (32707) | 93 | 658 | (144) |
| County of Sonoma (32708) | 93 | 658 | (284) |
| County of Sonoma (32709) | 93 | 044 | (1,127) |
| County of Sonoma (CW201233) | 93 | 658 | 18,838 |
| County of Sonoma (WK201233) | 93 | 558 | 71,080 |
| County of Sonoma (XX201233) | 93 | 044 | 16,235 |
| CSU San Bernardino/University Enterprises Corporation (005795) | 10 | 999 | 18,750 |
| Curesearch for Children's Cancer (30956) | 93 | 395 | 8 |
| Cypris, LLC (201301585) | 93 | 395 | 788 |
| Dartmouth College (UCSF#A120601) | 12 | unknown | 29,556 |
| Davis, City of (201016490) | 20 | 500 | (4,337) |
| Del Norte County (85376) | 96 | unknown | 2,133 |
| Del Norte County (87878) | 93 | 645 | (99) |
| Del Norte County (CW201206) | 96 | unknown | 25,592 |
| Del Norte County (EW201206) | 93 | 558 | 19,336 |
| Development Alternatives, Inc. (84869) | 98 | 004 | 1,124 |
| Education, Training & Research Associates (SC-10-65) | 47 | 076 | 1,910 |
| El Dorado, County of (21806) | 93 | 558 | 32,630 |
| Emmes Corporation, The (201301565) | 93 | unknown | 1,320 |
| Emmes Corporation, The (260200500007C) | 93 | unknown | 32,376 |
| Fairfield-Suisun Unified School District (08145127074) | 84 | 363 | 14,507 |
| Fall River Resource Conservation District (25631) | 10 | 665 | 5,410 |
| Fhi 360 (953/0080.0142:1) | 93 | 936 | 15,856 |
| Fresno County (21808) | 93 | 558 | 168,693 |
| Fresno County (84590) | 93 | 658 | 1,504 |
| Geneva Foundation (85522) | 12 | 420 | 1,814 |
| Georgia Institute of Technology (RD210-G1) | 47 | 076 | 2,922 |
| Glenn, County of (30803) | 93 | unknown | (162) |
| Glenn, County of (84594) | 93 | 658 | 7,269 |
| Glenn, County of (CMS201209) | 93 | 658 | 185,734 |
| Glenn, County of (EW201209) | 93 | 558 | 18,128 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Global Aids Interfaith Alliance (UCSF#A115894) | 98 | unknown | 105,541 |
| Health Research, Inc. (4309-01) | 93 | 917 | 44,848 |
| Henry M. Jackson Foundation for the Advancement of Military Medicine (SUB 7011559(W81XWH-04-2-0025)) | 12 | 420 | 26,798 |
| Higher Education for Development (HED135-9722-RWA-12-01) | 98 | 012 | 41,453 |
| Humboldt County (21825) | 93 | 658 | 14,929 |
| Humboldt County (21826) | 93 | 558 | 33,838 |
| Imperial County (ICOE-41312-CYC6) | 84 | 334 | 91,349 |
| Indian Health Council, Inc. (87668) | 93 | 933 | (17,426) |
| Indian Health Council, Inc. (NARCH 5) | 93 | 933 | 107,634 |
| Indiana University (59749) | 93 | 395 | 2,831 |
| Indigenous Education Institute (033847) | 43 | 001 | 27,920 |
| Institute of International Education (20112158) | 19 | 401 | 10,835 |
| Institute of International Education (201223919) | 19 | 010 | 137,866 |
| Institute of International Education (201224372) | 19 | 010 | 254,583 |
| Institute of International Education (201301453) | 19 | 010 | 27,572 |
| Institute of International Education (201302764) | 19 | 400 | 92 |
| Institute of International Education (80204) | 12 | 550 | (1,481) |
| Institute of International Education (84393) | 19 | 010 | 886 |
| Institute of International Education (D401-CIES) | 19 | 401 | 33,979 |
| Institute of International Education (NSEP-U631063-UCLA-R12-C) | 12 | 550 | 5,741 |
| Institute of International Education (NSEP-U631073-UCLA-RUS) | 12 | 550 | 314,625 |
| Inyo, County of (21812) | 93 | 658 | 22,962 |
| Inyo, County of (21813) | 93 | 714 | 4,265 |
| Jet Propulsion Laboratory (88139) | 43 | unknown | 4,229 |
| Johns Hopkins University (80520) | 47 | 049 | 64,566 |
| Johns Hopkins University (UCSF#A117051) | 98 | unknown | 53,950 |
| ARRA-Jumpstart for Young Children, Inc. (90200) | 94 | 006 | 107,353 |
| Kansas State University (22126) | 10 | 500 | 34,812 |
| Kansas State University (32236) | 10 | 500 | (150) |
| Kansas State University (32241) | 10 | 500 | 17,870 |
| Kansas State University (32242) | 10 | 500 | 62,828 |
| Kansas State University (33802) | 10 | 500 | 26,135 |
| Kansas State University (33803) | 10 | 500 | 64,184 |
| Kansas State University (84893) | 10 | 500 | (9,063) |
| Kern County (EW201212) | 93 | 667 | 167,503 |
| L-3 Communications (32245) | 12 | unknown | (6,946) |
| Lake, County of (30816) | 93 | 558 | (239) |
| Lake, County of (EW201214) | 93 | 558 | 32,279 |
| Land O'Lakes, Inc. (12RD2AA0421) | 98 | unknown | 91,734 |
| Lassen, County of (CW201215) | 93 | 667 | 8,531 |
| Lassen, County of (EW201215) | 93 | 667 | 14,502 |
| Lawrence Livermore National Security, LLC (B599115) | 81 | unknown | 47,120 |
| Lemon Grove School District (SUB 20121358 (HRSA)) | 93 | unknown | 188,727 |
| Los Alamos National Security, LLC (184388) | 81 | unknown | 40,158 |
| Los Alamos National Security, LLC (8487700110) | 81 | unknown | 196,205 |
| Los Angeles County Department of Health Services (PH-002153) | 93 | 531 | 170,691 |
| Los Angeles County, Department of Children and Family Services (77011) | 93 | 556 | 154 |
| Los Angeles County, Department of Children and Family Services (77020) | 93 | 556 | (43) |
| Los Angeles Unified School District (1000068:5) | 84 | 287 | 1,210,497 |
| Los Angeles Unified School District (1100394) | 84 | 165 | 28,509 |
| Los Angeles Unified School District (77104) | 84 | 287 | (182,808) |
| Louisiana State University and Agricultural and Mechanical College (85845) | 10 | 309 | 4,037 |
| Madera, County of (30830) | 93 | 658 | (1,460) |
| Madera, County of (30831) | 93 | 558 | (1,138) |
| Madera, County of (CW201216) | 93 | 658 | 21,327 |
| Madera, County of (EW201216) | 93 | 658 | 45,923 |
| Manila Consulting Group, Inc. (72867) | 93 | unknown | 2,820 |
| Marin Resource Conservation District (84875) | 66 | 460 | 39,006 |
| Mariposa, County of (EW201218) | 93 | 558 | 24,170 |
| Massachusetts General Hospital (215287) | 93 | 389 | 336,660 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| Merced, County of (21807) | 93 | 658 | 42,653 |
| Merced, County of (21809) | 93 | 558 | 89,589 |
| Merced, County of (84595) | 93 | 558 | 1,217 |
| Merced, County of (84596) | 93 | 658 | 388 |
| Miscellaneous Sponsors (529-12-0138-00001) | 93 | 505 | 154,425 |
| Modoc, County of (33416) | 93 | 645 | (284) |
| Modoc, County of (EW201220) | 93 | 558 | 8,460 |
| Mono, County of (21819) | 93 | 558 | 16,919 |
| Monterey County (EW201222) | 93 | 558 | 38,672 |
| Mount Sinai School of Medicine (017041) | 93 | 853 | 22,462 |
| Mpr Associates, Inc. (UCOP-TES-3475-05) | 84 | unknown | 5,927 |
| Museum of Science (4549-LHS-06) | 47 | 076 | 156,819 |
| Napa, County of (20628) | 93 | 658 | 6,398 |
| Napa, County of (20629) | 93 | 558 | 19,336 |
| Napa, County of (32284) | 66 | 126 | 40,355 |
| Napa, County of (84597) | 93 | 558 | 142 |
| National 4-H Council (24708) | 47 | 076 | 12,854 |
| National 4-H Council (32205) | 47 | unknown | 790 |
| National 4-H Council (32274) | 16 | 726 | 31,901 |
| National 4-H Council (32275) | 16 | 731 | 3,291 |
| National Association of County and City Health Officials (30822) | 93 | 008 | 84 |
| National Association of County and City Health Officials (87821) | 93 | 008 | 10 |
| National Council for Science and the Environment (201120572) | 47 | 076 | (1,295) |
| National Council of Juvenile and Family Court Judges (32512-3) | 99 | unknown | 5,084 |
| National Council on the Aging (04074199:10) | 93 | 048 | 47,876 |
| National Fish and Wildlife Foundation (85706) | 11 | unknown | (10) |
| National Writing Project (57317) | 99 | unknown | 3,482 |
| National Writing Project (57539) | 84 | 928 | (1) |
| National Writing Project (57550) | 84 | 928 | 11,716 |
| National Writing Project (92CA05) | 84 | unknown | 35,000 |
| National Writing Project (92CA05SEED2012) | 84 | unknown | 40,000 |
| National Writing Project (92-CA07) | 84 | 928 | 25,645 |
| National Writing Project (92-CA09) | 84 | 928 | 12,928 |
| National Writing Project (92-CA09-SEED2012) | 84 | 367 | 16,641 |
| National Writing Project (92-CA14) | 84 | 928 | 9,096 |
| National Writing Project (92-CA14-SEED2012) | 84 | 367 | 15,650 |
| National Writing Project (92-CA15-SEED2012) | 84 | 367 | 4,417 |
| Nevada System of Higher Education (85718) | 10 | 664 | 430 |
| Nevada, County of (21824) | 93 | 558 | 9,668 |
| Nevada, County of (30836) | 93 | 558 | (162) |
| Nevada, County of (33899) | 10 | 561 | 52,583 |
| Nevada, County of (CW201224) | 93 | 658 | 5,998 |
| New Mexico State University (84880) | 10 | 500 | 607 |
| Northeast Valley Health Corporation (20070496) | 93 | 224 | 113,535 |
| Northeast Valley Health Corporation (20131949) | 93 | 224 | 203,842 |
| Nsabp Foundation, Inc. (UCLA-YR. 41EXT:6) | 93 | 395 | 61,888 |
| Oak Ridge Associated Universities (301220) | 81 | 214 | 29,896 |
| Oak Ridge National Laboratory (85591) | 81 | unknown | 781 |
| Ohio State University (85732) | 10 | 307 | 8,602 |
| Orange County Transportation Commission (C-1-3163-CYC1) | 20 | 516 | 46,082 |
| Oregon Health Sciences University (9007810) | 93 | 389 | 6,273 |
| Oregon State University (32254) | 10 | 307 | 40,021 |
| Oregon State University (83129) | 93 | 395 | (37) |
| Oregon State University (84135) | 10 | 309 | 31,967 |
| Oregon State University (87510) | 11 | 417 | 559 |
| Oregon State University (PO355A-A) | 93 | 866 | 30,311 |
| Pacific Institute for Research and Evaluation (59044) | 93 | 273 | 1,678 |
| Palladian Partners, Inc. (UCSF#A119823) | 93 | unknown | 6,325 |
| Partners Healthcare System, Inc. (08002271) | 93 | 853 | 1,392 |
| Partners Healthcare System, Inc. (08003674) | 93 | 213 | 39,343 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|---------|--------------|
| | CFDA # | | Expenditures |
| Other Programs (Continued) | | | |
| Pass Through Funds Expended (Continued) | | | |
| Partners Healthcare System, Inc. (87933) | 93 | 853 | 6,283 |
| Pasadena Unified School District (0000060001) | 84 | 351 | 57,400 |
| Pennsylvania State University (3915UCDUSDE0017) | 84 | 116 | 3,155 |
| Placer, County of (20627) | 93 | 558 | 27,748 |
| Placer, County of (CW201225) | 93 | 658 | 10,870 |
| Plumas, County of (30838) | 93 | 558 | (431) |
| Plumas, County of (CW201226) | 93 | 645 | 6,398 |
| Plumas, County of (EW201226) | 93 | 558 | 24,170 |
| Population Council - New York (SH1112C-17) | 93 | unknown | 66,637 |
| Prevention Institute (UCSF#A113911) | 93 | unknown | 52,551 |
| Program for Appropriate Technology in Health (AID.1470-08586-CRT) | 98 | unknown | 413,421 |
| Public Broadcasting Service (20114720) | 84 | 295 | 149,351 |
| Public Health Foundation Enterprises, Inc. (0054.018.901.001.01.01) | 93 | 914 | 17,324 |
| Public Health Foundation Enterprises, Inc. (0054.019.904) | 93 | 153 | 69,053 |
| Public Health Foundation Enterprises, Inc. (201301595) | 93 | 520 | 98,446 |
| Public Health Foundation Enterprises, Inc. (33463) | 93 | 283 | 95,392 |
| Public Health Foundation Enterprises, Inc. (57679) | 99 | unknown | (7,670) |
| Public Health Foundation Enterprises, Inc. (72844) | 93 | 855 | 8,155 |
| Public Health Institute (1013139) | 93 | unknown | 19,074 |
| Public Health Institute (1017341) | 10 | 001 | 37,894 |
| Public Health Institute (1017724) | 12 | unknown | 164,121 |
| Public Health Institute (1017725) | 93 | 063 | 163,708 |
| Public Health Institute (1017860R) | 93 | 262 | 36,570 |
| Public Health Institute (1018244) | 93 | unknown | 33,638 |
| Public Health Institute (72195) | 93 | 938 | (531) |
| Public Health Institute (78174) | 93 | 938 | 1 |
| Purdue University (33801) | 10 | 500 | 83,768 |
| Purdue University (NEES-4101-31867:19) | 47 | 041 | 782,337 |
| Rancho Santa Ana Botanic Garden (RSA-11-0956417D-703) | 47 | 074 | 10,808 |
| Rancho Santiago Community College District (DO-11-033-CYC2) | 84 | 334 | 31,680 |
| Rancho Santiago Community College District (DO-12-1515-CYC1) | 84 | 334 | 279,001 |
| Riverside County (CW02423) | 10 | 561 | 18,555 |
| Riverside County (CW02423) | 10 | 561 | 22,844 |
| Riverside County (EW201248) | 93 | 558 | 3,626 |
| Rti International (21-312-0210637) | 93 | 067 | 54,890 |
| Rti International (87167) | 84 | unknown | (150) |
| Rutgers Biomedical and Health Sciences (78694) | 93 | 866 | (9,819) |
| Rutgers Biomedical and Health Sciences (UCSF#A118760) | 93 | 145 | 203,690 |
| Rutgers Biomedical and Health Sciences (UCSF#A119118) | 93 | unknown | 55,274 |
| Rutgers, the State University of New Jersey (22129) | 10 | 025 | 48,708 |
| Rutgers, the State University of New Jersey (30645) | 10 | 025 | 16,803 |
| Sacramento City Unified School District (SA0900249) | 84 | 215 | 37,497 |
| Sacramento City Unified School District (SA0900250) | 84 | 215 | 312,646 |
| Sacramento City Unified School District (SA1000201) | 84 | 215 | 57,086 |
| Sacramento, County of (25742) | 93 | 558 | 325,266 |
| Sacramento, County of (85837) | 66 | unknown | 28,121 |
| Sacramento, County of (CW201249) | 93 | 658 | 42,412 |
| San Benito, County of (21814) | 93 | 658 | 6,398 |
| San Benito, County of (21815) | 93 | 558 | 18,128 |
| San Diego County (20857) | 14 | 870 | (41,314) |
| ARRA-San Diego County (SUB 532635 (NONE) ARRA) | 93 | 724 | (28,964) |
| San Diego Unified School District (S-90-554-20 (HE1254-09-1-0018)) | 12 | 030 | 19,989 |
| San Diego Workforce Partnership (395-03) | 93 | unknown | 111,435 |
| San Francisco Unified School District (UCSF#A119926) | 10 | unknown | 37,338 |
| San Francisco Unified School District (UCSF#A121261) | 93 | unknown | 16,807 |
| San Joaquin County (30833) | 93 | 558 | 121 |
| San Joaquin County (CW201228) | 93 | 658 | 32,560 |
| San Joaquin County (EW201228) | 93 | 558 | 60,425 |
| San Jose Cal-Soap Consortium(Student Opportunity & Access)(UCSC Admin) (G-11-008) | 84 | 378 | 61,799 |
| San Jose Cal-Soap Consortium(Student Opportunity & Access)(UCSC Admin) (G-12-008) | 84 | 378 | 365,316 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| San Juan Unified School District (09001037) | 84 | 215 | 56,100 |
| San Luis Obispo, County of (25007671) | 93 | 658 | 17,573 |
| Sandia National Laboratories (1232282:1) | 99 | unknown | 13,594 |
| Sandia National Laboratories (1274555) | 81 | unknown | 35,000 |
| Sandia National Laboratories (33735) | 81 | unknown | 35,000 |
| Sandia National Laboratories (57306) | 99 | unknown | (202) |
| Sandia National Laboratories (57838) | 99 | unknown | (408) |
| Sandia National Laboratories (86555) | 81 | unknown | 11,663 |
| Sandia National Laboratories (86961) | 81 | unknown | (366) |
| Sandia National Laboratories (87552) | 81 | unknown | (94) |
| Sandia National Laboratories (88486) | 81 | unknown | 6,791 |
| Santa Barbara, County of (20795) | 93 | 558 | 22,561 |
| Santa Cruz County Resource Conservation District (26019) | 10 | 170 | 17,330 |
| Santa Cruz, County of (30842) | 93 | 558 | 191 |
| Santa Cruz, County of (30846) | 93 | 558 | (1,320) |
| Santa Cruz, County of (CW201256) | 93 | 658 | 9,597 |
| Santa Cruz, County of (EW201256) | 93 | 558 | 168,401 |
| Santa Monica College (A121646NC) | 84 | 031 | 126,188 |
| Santa Monica College (P382B090011) | 84 | 382 | (9,704) |
| Segura Partners, LLC (84459) | 98 | unknown | 68 |
| Shasta, County of (201014129) | 84 | 215 | 131,444 |
| Shasta, County of (20636) | 93 | 558 | 9,668 |
| Shasta, County of (20638) | 93 | unknown | 6,398 |
| Shasta, County of (20639) | 93 | 558 | 2,417 |
| Shasta, County of (30810) | 93 | 558 | 1,934 |
| Shasta, County of (30814) | 93 | 558 | (162) |
| Shire Plc (201223894) | 93 | 866 | 7,705 |
| Sierra, County of (30844) | 93 | 558 | 16 |
| Sierra, County of (EW201230) | 93 | 558 | 9,668 |
| Sigma Space Corporation (S09112-01) | 43 | unknown | 38,227 |
| Siskiyou, County of (20778) | 93 | 558 | 72,428 |
| Siskiyou, County of (21816) | 93 | 667 | 2,417 |
| Siskiyou, County of (21818) | 93 | 558 | 3,431 |
| Siskiyou, County of (30825) | 93 | 558 | 92 |
| Social and Scientific Systems, Inc. (57765) | 93 | 242 | (335) |
| Southern Sonoma Resource Conservation District (24702) | 66 | 480 | 10,000 |
| Sri International (43000211) | 47 | 076 | 18,981 |
| Stanislaus, County of (21822) | 93 | 558 | 41,855 |
| State Water Resources Control Board (33925) | 66 | 460 | 9,876 |
| Strata Various Product Design (UCSF#A119892) | 93 | 855 | 7,363 |
| Sutter County (EW201235) | 93 | 558 | 36,044 |
| Tehama, County of (20792) | 93 | 558 | 2,417 |
| Tehama, County of (20793) | 93 | 558 | 14,918 |
| Tehama, County of (20794) | 93 | 558 | 20,456 |
| Tehama, County of (30648) | 84 | 044 | 203,330 |
| Tehama, County of (30812) | 93 | 558 | 376 |
| Texas Agrilife Research (57520) | 97 | 104 | 29,144 |
| Texas Agrilife Research (88979) | 97 | unknown | 6,900 |
| The University of Alabama (Tuscaloosa) (000385512-002) | 19 | 415 | 24,541 |
| Trellis Growing Systems, LLC (22138) | 10 | 212 | 5,620 |
| Trinity County Resource Conservation District (PQCR201237) | 93 | 658 | 6,505 |
| Trinity, County of (21811) | 93 | 558 | 18,128 |
| Tulare County Office of Education (09001027) | 84 | 215 | 145,117 |
| Tuolumne, County of (CW201239) | 10 | 561 | 6,398 |
| Tuolumne, County of (EW201229) | 93 | 558 | 19,336 |
| United Negro College Fund (JPFP-50384-CYC4) | 43 | unknown | 8,500 |
| United Negro College Fund (SB120044) | 43 | unknown | 32,500 |
| United States Olympic Committee (20112886) | 64 | 034 | 20,000 |
| University Corporation for Atmospheric Research (Z12-63878) | 47 | 076 | 24,277 |
| University of Colorado System (System Parent Code) (1548318) | 47 | 074 | 10,744 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| Other Programs (Continued) | Federal | | Total |
|--|---------|---------|--------------|
| Pass Through Funds Expended (Continued) | CFDA # | | Expenditures |
| University of Colorado System (System Parent Code) (1548422) | 47 | 060 | 55,151 |
| University of Colorado System (System Parent Code) (576) | 93 | 838 | 38,085 |
| University of Florida (UF10196) | 10 | 303 | 86,796 |
| University of Florida (UF12240) | 10 | 025 | 53,989 |
| University of Hawaii at Manoa (SUB MA11046 (DE-EE0005553)) | 81 | 086 | 10,169 |
| University of Idaho (GRK997SB006) | 10 | 217 | 26,457 |
| University of Kansas/Ku Center for Research, Inc. (FY2012-002) | 47 | 074 | 10,643 |
| University of Maryland (32297) | 10 | 310 | 172,580 |
| University of Massachusetts Amherst (891-961) | 93 | 262 | 15,000 |
| University of Missouri System (Columbia/Kansas City/Rolla/St.Louis) (E000380241) | 10 | 310 | 2,916 |
| University of Nebraska (23093) | 10 | 500 | 11,466 |
| University of Nebraska (32285) | 10 | 500 | 7,714 |
| University of Nebraska (33932) | 47 | 076 | 601 |
| University of New Mexico (20130580) | 47 | 080 | 22,200 |
| University of Pennsylvania (08001923) | 93 | 867 | 9,677 |
| University of Pittsburgh (0024922) | 93 | 865 | 117,143 |
| University of Pittsburgh (0026510(119618-2)) | 93 | 928 | 27,162 |
| University of Rochester (71726) | 93 | 242 | (2,608) |
| University of Southern California (123332) | 47 | 050 | 228,953 |
| University of Southern California (149112) | 84 | 015 | 72,261 |
| University of Southern California (167837) | 12 | 556 | 23,015 |
| University of Southern California (32780803) | 47 | 050 | 7,000 |
| University of Southern California (59248) | 84 | 015 | 202,928 |
| University of Southern California (77563) | 12 | 556 | (5) |
| University of Tennessee (84332) | 10 | 303 | 7,449 |
| University of Texas-San Antonio (131534/131477) | 93 | 398 | 13,626 |
| University of Utah (2309114-27) | 93 | 865 | 7,768 |
| University of Utah (2309114-31) | 93 | unknown | 58,135 |
| ARRA-University of Vermont (23261:2) | 47 | 082 | 41,022 |
| University of Washington (722322) | 47 | 074 | 14,033 |
| University of Washington (83062) | 93 | 145 | (3,184) |
| University of Wyoming (32270) | 10 | 500 | 966 |
| Vanderbilt University (87311) | 93 | 989 | (177) |
| Ventura County (22242) | 93 | 558 | 9,668 |
| Ventura County (32712) | 93 | 658 | 2,417 |
| Veterans Medical Research Foundation of San Diego (VA Foundation) (83590) | 93 | 389 | 7 |
| Washington State University (108815G003067) | 10 | 500 | 49,761 |
| Washington State University (119303G003186) | 98 | unknown | 33,841 |
| Washington State University (25894) | 10 | unknown | 269 |
| Washington State University (32253) | 10 | 303 | 8,309 |
| West Virginia University (10-597-UCB) | 93 | 262 | 8,279 |
| Wested (4956 S05-093) | 84 | 283 | 279,538 |
| Wested (5448 S08-069) | 47 | 076 | 67 |
| Wested (77054) | 84 | 283 | 134,996 |
| Women's Community Clinic (UCSF#A117581) | 93 | 515 | 40,069 |
| Yale University (A08580) | 93 | 853 | 13,645 |
| Yolo County (EW201240) | 93 | 558 | 4,834 |
| Young Men's Christian Association (033522) | 93 | 600 | 60,132 |
| Yuba County (30801) | 93 | 658 | 1,066 |
| Yuba County (CW201241) | 93 | 658 | 4,265 |
| Yuba County (EW201241) | 93 | 558 | 19,336 |
| Yuba County (XX201241) | 93 | 778 | 4,550 |
| Total Pass Through Funds Expended | | | 62,126,988 |
| Partial Pass Through Funds Expended | | | |
| Argonne National Laboratory (DOE GOCO Lab Operated by Univ of Chicago) (30952) | 81 | unknown | 90 |
| California Department of Education (4600004120) | 84 | 367 | 1,079,821 |
| California Department of Education (83606) | 84 | 287 | 5,318 |

The accompanying notes are an integral part of this schedule.

UNIVERSITY OF CALIFORNIA
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

| | Federal | | Total |
|---|---------|---------|---------------|
| | CFDA # | | Expenditures |
| Other Programs (Continued) | | | |
| Partial Pass Through Funds Expended (Continued) | | | |
| California Department of Education (CCTR2314) | 93 | 596 | 154,261 |
| California Department of Education (CN110480) | 84 | 010 | 77,944 |
| California Department of Education (CSPP-2580) | 93 | 596 | 91,242 |
| California Department of Education (NCLB9-CRLP-UCB) | 84 | 367 | 46,267 |
| California Department of Education (NCLB9-CWP-UCB) | 84 | 367 | 34,381 |
| California Department of Education Curriculum and Instruction (18889) | 84 | 367 | (17,782) |
| California Department of Education Curriculum and Instruction (18891) | 84 | 367 | 3,171 |
| California Department of Education Curriculum and Instruction (18893) | 84 | 367 | 18,351 |
| California Department of Education Curriculum and Instruction (18894) | 84 | 367 | 227 |
| California Department of Education Curriculum and Instruction (23308) | 84 | 367 | 34,535 |
| California Department of Education Curriculum and Instruction (33151) | 84 | 367 | 22,500 |
| California Department of Education Curriculum and Instruction (96832) | 84 | 367 | 189 |
| California Department of Education Curriculum and Instruction (ITQ03360) | 84 | 367 | 53,000 |
| California Department of Food and Agriculture (32078) | 10 | 170 | 51,132 |
| California Department of Public Health (1110828) | 93 | unknown | 4,639,314 |
| California Department of Public Health (23312) | 93 | 943 | 61,407 |
| California Department Of Social Services (18551) | 10 | unknown | 70 |
| California Department of Transportation (00446) | 20 | 509 | 7,400 |
| California Department of Transportation (00442) | 20 | 521 | 32,746 |
| California Emergency Management Agency (32025) | 97 | unknown | 173,538 |
| California Postsecondary Education Commission (ITQ-11-806) | 84 | 367 | 164,473 |
| Institute of International Education (201224024) | 19 | unknown | 95,006 |
| National Writing Project (92-CA03-SEED2012) | 84 | 367 | 29,101 |
| National Writing Project (92-CA11) | 84 | 928 | 12,551 |
| Northern California Institute for Research and Education, Inc. (83318) | 12 | unknown | 78,105 |
| Northern California Institute for Research and Education, Inc. (84232) | 12 | unknown | 55,962 |
| Northern California Institute for Research and Education, Inc. (UCSF#A121351) | 12 | unknown | 24,149 |
| San Bernardino Community College District (006116) | 84 | 120 | 698 |
| Santa Clara County (32230) | 10 | 561 | 38,283 |
| Santa Clara County (33890) | 10 | 561 | 123,632 |
| Total Partial Pass Through Funds Expended | | | 7,191,082 |
| Total Other Programs | | | 268,142,837 |
| Total Federal Awards | | | 4,142,431,408 |

UNIVERSITY OF CALIFORNIA
Notes to Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2013

1. Basis of accounting

The accompanying Schedule of Expenditures of Federal Awards includes the federal grant activity of the University and is presented on the accrual basis of accounting. The information in this schedule is presented in accordance with the requirements of OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Therefore, amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the University financial statements. Negative amounts represent adjustments in the normal course of business to amounts reported in a prior year.

Consistent with the provisions of OMB Circular A-133, the accompanying Schedule of Expenditures of Federal Awards does not include the expenditures of the Lawrence Berkeley National Laboratory – a major Department of Energy National Laboratory operated and managed by the University under contracts directly with DOE - as it represents a government-owned, contractor operated (GOCO) facility.

2. Loan programs administered by the University

The University participates in the following federal loan programs:

| | CFDA Number | 2012-2013 Amount Authorized or Advanced (in thousands) | Outstanding Balance as of June 30, 2013 (in thousands) |
|--|------------------------|---|---|
| U. S. Department of Education | | | |
| Federal Perkins Loan Program | 84.038 | \$ 29,527 | \$ 217,567 |
| Federal Direct Student Loan Program | 84.268 | 1,110,405 | N/A |
| Federal Perkins Loan Principal Cancellation | 84.037 | 919 | N/A |
| U.S. Department of Health and Human Services | | | |
| Health Professions Student Loan Program/Loans for Disadvantaged Students/Primary Care Loan Program | 93.342 | \$ 7,029 | \$ 46,070 |
| Nursing Student Loan Program | 93.364 | 261 | 1,172 |
| Nursing Faculty Loan Program | 93.264 | 165 | 1,092 |
| ARRA-Nursing Faculty Loan Program | 93.408 | 0 | 234 |

3. CFDA numbers

Research and Development programs included in the Schedule of Expenditures of Federal Awards are presented by federal agency and major subdivision within the federal agency. Pass-through and partial pass-through awards have been presented by pass-through entity, CFDA number, sponsor's award number, when available, or by the University assigned identifier. When CFDA numbers are not available, the federal awards are presented by agency number and the suffix ".RD" or "unknown" for the federal identification number. When the federal agency and the federal identification number are not available, "99.RD" and "99.unknown" are used.

4. Partial pass-through

The University has included, within the Schedule of Expenditures of Federal Awards, amounts received from pass-through entities which include funds from both federal and nonfederal sources because the pass-through entity is unable to determine the portion that is federal.

5. Commingled assistance

The California Student Aid Commission (CSAC) administers the State Cal Grant A and B Programs, selects the student recipients of these grant awards, and provides the funds to participating institutions for disbursement. Federal Temporary Assistance for the Needed Families (TANF) funds (CFDA Number 93.558) from the United States Department of Health and Human Services may comprise up to approximately 52.6% of the total funding for these Cal Grant awards. In fiscal year 2013, the University received Cal Grant A and B funds in the amount of \$718,400,361; however, CSAC is unable to determine the exact amount of TANF funds, if any, represented in those awards. As such, the Schedule of Expenditures of Federal Awards does not include State Cal Grant A and B awards.

6. Amount provided to subrecipients

The amount of Federal Direct Research and Development funds expended by sub-awardees in fiscal year 2013 totaled \$393,581,363. The amount of Federal Direct other program funds expended by sub-awardees in the same fiscal year was \$16,452,034.

| Federal Direct Other Funds Expended by Sub-Awardees | | | | | | | | | |
|---|-----------|--------|-----------|--------|-----------|--------|-----------|------------|---------------|
| CFDA # | Amount | CFDA # | Amount | CFDA # | Amount | CFDA # | Amount | CFDA # | Amount |
| 10.000 | 1,811,112 | 45.313 | 27,610 | 93.067 | 823,469 | 93.281 | 38,181 | 93.822 | 135,458 |
| 10.001 | 50,006 | 59.037 | 1,360,074 | 93.103 | 5,466 | 93.307 | 637,989 | 93.847 | 39,521 |
| 10.303 | 42,572 | 81.036 | 29,118 | 93.107 | 731,422 | 93.310 | 430,550 | 93.853 | 69,553 |
| 10.311 | 186,476 | 84.015 | 26,214 | 93.110 | 169,349 | 93.350 | 222,012 | 93.855 | 98,637 |
| 11.000 | 19,195 | 84.116 | 109,604 | 93.142 | 578,497 | 93.351 | 1,116,796 | 93.859 | 160,987 |
| 11.469 | 27,975 | 84.184 | 27,332 | 93.145 | 2,115,419 | 93.359 | 434,235 | 93.865 | 123,962 |
| 12.000 | 30,024 | 84.217 | 31,792 | 93.153 | 199,511 | 93.389 | 449,434 | 93.866 | 46,235 |
| 12.300 | 20,605 | 84.229 | 13,301 | 93.157 | 5,094 | 93.395 | 54,431 | 93.884 | 83,518 |
| 16.560 | 12,018 | 84.334 | 158,471 | 93.213 | 97,908 | 93.398 | 42,741 | 93.939 | 35,467 |
| 17.502 | 136,609 | 84.336 | 362,444 | 93.242 | 116,220 | 93.510 | 178,159 | 93.969 | 97,838 |
| 43.000 | 358,461 | 84.407 | 153,534 | 93.243 | 555,296 | 93.516 | 146,729 | 93.989 | 463,614 |
| 43.001 | 49,698 | 93.051 | 317,113 | 93.262 | 23,346 | 93.541 | 88,938 | 99.unknown | 334,260 |
| 45.312 | 31,173 | 93.059 | 24,728 | 93.279 | 61,659 | 93.701 | 22,875 | | |
| Total | | | | | | | | | \$ 16,452,034 |

7. Robert C. Byrd Honors Scholarship Program (CFDA 84.185A)

The Robert C. Byrd Honors Scholarship Program is a federally funded, state-administered program that recognizes exceptionally able high school seniors. The awardees are selected by the state education agencies in the states in which those high school students reside; the state education agencies then send the funds on behalf of those students to the institutions of higher education in which they enroll. In fiscal year 2013, University students received \$136 from the Robert C. Byrd Honors Scholarship Program administered by various state education agencies.



Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

To The Regents of the University of California:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the University of California (the "University"), a component unit of the State of California, its aggregate discretely presented component units, the University of California Retirement System and the University of California Retiree Health Trust as of and for the year ended June 30, 2013, and the related notes to the financial statements, which collectively comprise the University's basic financial statements and have issued our report thereon dated October 9, 2013. Our report includes a reference to other auditors who audited the financial statements of the University of California Berkeley Foundation, a component unit of the University, as described in our report on the University's financial statements. The financial statements of the University's component units were not audited in accordance with *Government Auditing Standards*.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the University's internal control over financial reporting ("internal control") to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on



compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

PricewaterhouseCoopers LLP

October 9, 2013



**Independent Auditor's Report on Compliance with Requirements
That Could Have a Direct and Material Effect on Each Major Program and on Internal
Control Over Compliance in Accordance with OMB Circular A-133**

To The Regents of the University of California:

Report on Compliance for Each Major Federal Program

We have audited the University of California's (the "University's") compliance with the types of compliance requirements described in the OMB Circular A-133 *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2013. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with the requirements of laws, regulations, contracts, and grants applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above. We did not audit the University's compliance with the Student Loan Billing and Collection compliance requirements specified by the Federal Perkins Loan Program ("Perkins Loan") and described in the OMB Circular A-133 *Compliance Supplement*. Compliance with these requirements was audited by other auditors whose report has been furnished to us, and our opinion, insofar as it relates to the University's compliance with those requirements, is based solely on the report of the other auditors. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the University's compliance.

Opinion on Each Major Federal Program

In our opinion, based on our audit and the report of other auditors, the University complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2013.



Other Matters

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with OMB Circular A-133 and which are described in the accompanying schedule of findings and questioned costs as items 2013-001 – 2013-003. Our opinion on each major federal program is not modified with respect to these matters.

The University's response to the noncompliance findings identified in our audit is described in the accompanying Management's Response and Corrective Action Plan. The University's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, except as noted in the following paragraph, we considered the University's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

We did not consider internal control over compliance with the Student Loan Billing and Collection compliance requirements specified by Perkins Loan and described in the OMB Circular A-133 *Compliance Supplement*. Internal control over these compliance requirements was considered by the other auditors referred to above; and our report, insofar as it relates to the University's internal control over those compliance requirements, is based solely upon the report of the other auditors.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration and the other auditors' consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. Also, the report of the other auditors did not identify any deficiencies in internal control over compliance that they consider to be material weaknesses. However, material weaknesses may exist that have not been identified.



The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of OMB Circular A-133. Accordingly, this report is not suitable for any other purpose.

PricewaterhouseCoopers LLP

March 7, 2014

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part I – Summary of Auditors’ Results

Financial Statements

Type of auditor’s report issued: Unmodified

Internal control over financial reporting:
Material weakness(es) identified? No

Significant deficiencies identified that are not considered
to be material weakness(es)? None reported

Noncompliance material to financial statements noted? No

Federal Awards

Type of auditor’s report issued on compliance
for major programs: Unmodified

Internal control over major programs:
Material weakness(es) identified? No

Significant deficiencies identified not considered
to be material weakness(es)? None reported

Any audit findings disclosed that are required to be
reported in accordance with OMB Circular A-133,
Section 510(a)? Yes

Programs Subjected to Audit Procedures as Major Programs

| Name of Federal Program | CFDA Number |
|--|--|
| Research and Development Cluster | Various as listed in the accompanying SEFA |
| Student Financial Aid Cluster | Various as listed in the accompanying SEFA |
| Cooperative Extension Service Cluster | 10.500 |
| California Health and Welfare Social Service Program | 93.000 |
| Dollar threshold used to distinguish between Type A and Type B programs: | \$16,559,671 |
| Auditee qualified as low-risk auditee? | Yes |

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part II – Financial Statement Findings

None reported

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part III – Federal Award Findings and Questioned Costs

Finding 2013-001: Conduct a Biennial Physical Inventory

Research and Development Cluster

Federal Awarding Agency: National Institutes of Health

Program Name and Specific Award Name: Cancer Detection and Diagnosis Research/Contrast Assisted Ultrasound Imaging of Tumors; Cardiovascular Diseases Research/Discovery of Ligands for Directed-Differentiation of Stem Cells

CFDA #'s and Titles: 93.394 – Cancer Detection and Diagnosis Research; 93.837 – Cardiovascular Diseases Research

Award #'s: R01CA076062-10; R21HL108300-02

Award Year: 2002-2003; 2011-2012

Condition

A full physical inventory of equipment was not performed within the last two years at one campus out of four where we performed this testing as part of our audit. At this campus, physical inventories are due to be performed and documented by October 31 of every other year. Out of 12 assets selected for testing, where the due date for completing the count was October 31, 2012, there were 4 assets that were not counted within the timeframe specified by the campus' policy, for an average of 60 days late.

Citation

2 CFR Section 215.34 (f)(ix)(3)
A-21, Paragraph J.14(g)

Questioned Cost

There are no questioned costs associated with this finding. However, the net book value of Federally Funded equipment at this campus is \$ 48,619,905. This includes the full value of equipment that was funded solely from Federal sources and the Federal contribution for items that were funded from a combination of Federal and campus sources, net of accumulated depreciation.

Criteria

Per 2 CFR Section 215.34, "A physical inventory of equipment shall be taken and the results reconciled with the equipment records at least once every two years. Any differences between quantities determined by the physical inspection and those shown in the accounting records shall be investigated to determine the causes of the difference. The recipient shall, in connection with the inventory, verify the existence, current utilization, and continued need for the equipment. "

Per A-21, Para. J.14(g), "Charges for use allowances or depreciation must be supported by adequate property records, and physical inventories must be taken at least once every two years to ensure that the assets exist and are usable, used, and needed. Statistical sampling techniques may be used in taking these inventories. In addition, when the depreciation method is used, adequate depreciation records showing the amount of depreciation taken each period must also be maintained."

Cause

Due to either staff turnover, large amounts of equipment to be counted within a department, and/or multiple certifications and signatures needed to document the completion of inventory counts within the system, there was a lack of formal evidence that the counts had been completed timely.

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part III – Federal Award Findings and Questioned Costs, continued

Finding 2013-001: Conduct a Biennial Physical Inventory, continued

Effect

The lack of physical inventory counts does not allow management or employees to detect and correct any issues with existence, location, or description of the assets on a timely basis. In addition, the depreciation component of the campus F&A rate could be adversely impacted.

Recommendation

We recommend that management perform an evaluation of the current process and related controls to ensure that the inventory counts can be performed and evidenced in a timely manner to comply with the CFR requirement.

Management's Response and Corrective Action Plan

Management's responses are reported in "Management's Response and Corrective Action Plan" and are considered part of this report.

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part III – Federal Award Findings and Questioned Costs, continued

Finding 2013-002: Transparency Act Reporting Requirements

Research and Development Cluster and Cooperative Extension Service Cluster

Federal Awarding Agencies: Department of Health and Human Services - National Institutes of Health (NIH), Department of Agriculture (USDA)

Program Names and Specific Award Names: Interdisciplinary Training in Genome Engineering (Component 10 of 11) TL1; Bone Quality by VQCT and HR-PQCT: Translation to Multi-Center Clinical Research; Family-Focused Treatment for Youth with Early-Onset Bipolar or Psychotic Disorder; and California Agricultural Ability Project: Reducing the Impact of Disability through Accessibility for Farmers and Farmworkers

CFDA #s and Titles: 93.837 – Cardiovascular Disease Research; 93.846 - Arthritis, Musculoskeletal and Skin Diseases Research; 93.242 – Mental Health Research Grants; 10.500 – Cooperative Extension Service

Award #s: 10492SUB; R01AR060700; 1R21MH097007-01; 2010-41590-20751

Award Year: 2012-2013

Condition

As part of our audit, we tested 93 subawards across four campuses to validate compliance with the Federal Funding Accountability and Transparency Act (“FFATA”) reporting requirements. The total of subawards subject to FFATA reporting requirements at these four campuses was 521. There were three affected campuses for a total of four reports that had not been submitted timely into the FFATA Subaward Reporting System (FSRS). The number of days in which these reports were submitted past the due date was as follows: 85, 209, 331 and 788 days late.

Citation

2 CFR part 170.200 and Appendix A

Questioned Cost

There are no questioned costs associated with this finding.

Criteria

Per 2 CFR part 170.200, “(a) Each agency that makes awards of Federal financial assistance subject to the Transparency Act must include the requirements described in paragraph (b) of this section in each program announcement, regulation, or other issuance containing instructions for applicants:

- (1) Under which awards may be made that are subject to Transparency Act reporting requirements; and
- (2) That either: (i) Is issued on or after the effective date of this part; or (ii) Has application or plan due dates after October 1, 2010.

(b) The program announcement, regulation, or other issuance must require each entity that applies and does not have an exception under § 170.110(b) to ensure they have the necessary processes and systems in place to comply with the reporting requirements should they receive funding.

(c) Federal agencies that obtain post-award data on subaward obligations outside of this policy should take the necessary steps to ensure that their recipients are not required, due to the combination of agency-specific and Transparency Act reporting requirements, to submit the same or similar data multiple times during a given reporting period.”

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part III – Federal Award Findings and Questioned Costs, continued

Finding 2013-002: Transparency Act Reporting Requirements, continued

Criteria, continued

Per 2 CFR part 170 Appendix A, “i. You must report each obligating action described in paragraph a.1. of this award term to <http://www.fsrs.gov>.

ii. For subaward information, report no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2010, the obligation must be reported by no later than December 31, 2010.)”

Cause

There were different causes leading to the late reporting at each campus. At the first campus, the subawardee had discovered an error regarding the fringe benefit rate and had requested a revision in the budget. Due to the requested changes taking place, the file was misplaced and the campus did not realize the initial FFATA report was not submitted. Upon discovery by the campus, the report was submitted, but it was already late. At the second campus, the FFATA reporting requirement was inadvertently overlooked for this subaward and upon discovery by the campus, the report was submitted, but it was already late. At the third campus, the first finding was related to a clerical error where the prime project record was not properly marked as subject to FFATA and was therefore not picked up in the monitoring report, which lists the projects to be entered in FSRS for the next month. Upon discovery by the campus, the report was submitted, but it was already late. For the second finding at the third campus, this prime award was originally awarded in May, 2010 and at that time was not subject to FFATA. Amendment 1 was executed in June, 2011 and included the NIFA Agency Specific Terms and Conditions dated October, 2010 which now included FFATA requirements; however, the subaward had not yet reached the \$25,000 threshold for reporting until the second amendment was issued in October 2011. At this time, the subaward should have been identified as being subject to FFATA. This instance of non-compliance was discovered by the campus during the completion of our audit procedures.

Effect

The lack of appropriate procedures to monitor timely reporting resulted in non-compliance with FFATA.

Recommendations

We recommend that individual campus management teams improve procedures around FFATA reporting to ensure full compliance with the Transparency Act and consider the specific instances included in the section above describing the causes of non-compliance.

Management's Response and Corrective Action Plan

Management's response is reported in "Management's Response and Corrective Action Plan" and is considered part of this report.

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part III – Federal Award Findings and Questioned Costs, continued

Finding 2013-003: Calculation of Title IV Funds Returned

Student Financial Aid Cluster, Department of Education

Pell Grant #84.063

Federal Direct Student Loan Programs (FDL) #84.268

Award year: 2012-2013

Condition

In our sample of students receiving financial aid, 25 students at four different campuses, for a total sample of 100 students, where the student withdrew from the University after beginning attendance, an issue was identified at two campuses where the amount of Title IV funds to be returned for three students was incorrectly calculated.

Citation

34 CFR section 668.22

Questioned Cost

The questioned cost associated with one of the three student findings was \$52. There are no questioned costs associated with the other two student findings as a total of \$2,436 was returned to the government in excess of the amount required to be returned.

Criteria

Per 34 CFR section 668.22(a)(1), “When a recipient of title IV grant or loan assistance withdraws from an institution during a payment period or period of enrollment in which the recipient began attendance, the institution must determine the amount of title IV grant or loan assistance that the student earned as of the student’s withdrawal date in accordance with paragraph (e) of this section.”

Per 34 CFR section 668.22(e), “The amount of title IV grant or loan assistance that is earned by the student is calculated by determining the percentage of title IV grant or loan assistance that has been earned by the student, as described in paragraph (e)(2) of this section; and applying this percentage to the total amount of title IV grant or loan assistance that was disbursed (and that could have been disbursed, as defined in paragraph (l)(1) of this section) to the student, or on the student’s behalf, for the payment period or period of enrollment as of the student’s withdrawal date.”

Per 34 CFR section 668.22(e)(2), “The percentage of title IV grant or loan assistance that has been earned by the student is equal to the percentage of the payment period or period of enrollment that the student completed (as determined in accordance with paragraph (f) of this section) as of the student’s withdrawal date if this date occurs on or before completion of 60 percent of the payment period or period of enrollment for a program that is measured in credit hours.”

Per 34 CFR section 668.22(f), “The percentage of the payment period or period of enrollment completed is determined, in the case of a program that is measured in credit hours, by dividing the total number of calendar days in the payment period or period of enrollment into the number of calendar days completed in that period as of the student’s withdrawal date.”

Cause

Two of the three errors occurred due to incorrect input of student withdrawal dates, causing the amount of funds to be incorrectly calculated. For the third error, the amount to be refunded was properly calculated; however, the refund amount was not input into the system correctly.

Effect

The amount of Title IV funds returned was incorrect.

University of California
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2013

Part III – Federal Award Findings and Questioned Costs, continued

Finding 2013-003: Calculation of Title IV Funds Returned, continued

Recommendations

We recommend that the process and controls at both campuses are updated to ensure there is an appropriate review performed over the dates and amounts manually entered into the system to ensure the amount of Title IV funds to be returned is calculated accurately and the amounts returned are correct.

We also recommend that the management team at each of these campuses perform a full assessment of the refunds for the year under audit to ensure there are no other students for whom the aid has not been refunded appropriately.

Management's Response and Corrective Action Plan

Management's response is reported in "Management's Response and Corrective Action Plan" and is considered part of this report.

University of California

Summary Schedule of Prior Findings and Questioned Costs

For the Year Ended June 30, 2013

Finding 2012-01: Conduct a Biennial Physical Inventory

A full physical inventory of equipment was not performed within the last two years at two campuses.

Status:

At the first campus, a new Campus Asset Management System (CAMS) was implemented and a full physical inventory using this new system was completed in September 2013. Controls have also been put in place to ensure biennial physical inventory requirements are met on an ongoing basis.

At the second campus, communications were enhanced with the campus leadership of the schools and colleges and research administrators responsible for completing the inventories about the importance of their timely completion and to provide additional guidance on best practices for timely completion and recording of completion in the system. Additionally, this campus also implemented a process whereby the equipment management department conducts an annual physical inventory audit and proactively works with the custodial departments with federal inventory certifications returned past the due date. The FY 2012 inventory count was completed in March 2013, thus, this finding has again been included in the 2013 report for the FY 2013 inventory audit. Please refer to Finding 2013-001 for further details.

Finding 2012-02: Compliance with Davis-Bacon Act

As part of our audit, we tested 45 certified payroll records and related contractor employee wage rates to determine compliance with the Davis-Bacon Act (the "Act"). At one campus, there were 6 instances of non-compliance with the Act where subcontractors were paid an amount lower than the minimum prevailing wage required by the Department of Labor.

Additionally, there was one instance of non-compliance related to the non-submission of certified payroll records at another campus.

Status:

The following corrective actions were completed by the two affected campuses.

At one campus, steps were taken to evaluate and rectify the wage discrepancy. The federal prevailing wages issue was brought to the attention of the new General Contractor by the Labor Compliance Officer. This campus hired Contractor Compliance & Monitoring, Inc. to audit the campus' current Davis-Bacon Act projects. Projects subject to the requirements of the Davis-Bacon Act are now compliant. Additionally, the Labor Compliance Officer at this campus continues to participate in online training courses and to attend monthly Construction Project Administrators meetings to answer questions and to pass on any changes in the Labor Compliance Program. All newly hired Construction Project Administrators are given individual one-on-one training which covers reviewing projects for compliance, emphasizing the importance of keeping the contractors current with their Certified Payroll submissions and updating new requirements for contractors.

At the other campus, the Labor Compliance Program as outlined by state, federal, and University requirements has been fully implemented. Effective September 2011, this campus instituted a formalized Labor Compliance Program (LCP) exercising oversight to Davis-Bacon compliance requirements including securing and auditing certified contractor payrolls to determine compliance with prevailing wage, conducting site audits and interviews to verify site wages and labor classification conditions, assessing the severity of any deficiencies or violations found and determining appropriate course of action, and reporting all findings to the requisite state or federal agency. To ensure proper compliance, systems to identify federally funded projects have been implemented throughout the campus. For identified federally funded projects, now certified payroll is gathered and documented weekly using the web-based LCP Tracker system and reported in accordance with code. Furthermore, training for

University of California

Summary Schedule of Prior Findings and Questioned Costs

For the Year Ended June 30, 2013

University staff and for contractors and subcontractors subject to the Davis-Bacon and state labor acts is conducted at the inception of the project and monitoring of regulated conditions occurs weekly. This campus is also participating in the wider University system LCP coordinated through the Office of the President Construction Counsel.

Finding 2012-03: Transparency Act Reporting Requirements

As part of our audit, we tested 41 subawards across all campuses to validate compliance with the Federal Funding Accountability and Transparency Act ("FFATA") reporting requirements, of which one campus was not in compliance where 4 reports had not been submitted into the FFATA Subaward Reporting System (FSRS).

Status:

The following corrective action was completed by the affected campus; however, similar instances of noncompliance were noted in FY2013. Please refer to Finding 2013-002 for further details.

In addition to communications and training on this relatively new FFATA reporting and compliance requirement, since February 2013 the affected campus' Sponsored Programs Office started generating monthly reports of subawards subject to FFATA reporting, based on which a designated Analyst reviews and checks to verify that all required reporting has been completed, and any missing reports are submitted timely.

Finding 2012-04: Cost Transfers

Cost transfer testing was performed at four campuses. Out of a total of 170 valid cost transfers selected for testing, we noted 6 instances at one campus in which the transfers were completed more than 120 days from the close of the month in which the original charge was posted to the ledger. We noted the transfers occurred on average 187 days late. The number of days late was calculated based on the University's policy. We could not determine the date of discovery of the error. However, even though the 6 transfers were completed more than 120 days from the close of the month in which the original charge was posted to the ledger, all of them were properly approved and included full explanations, including well-documented accounts of all the events leading to the late adjustments, as required by University policy.

Status:

The affected campus implemented enhancements to the financial system to ensure the 120 day transfer limitation is properly applied thereby preventing late transfers onto federal funds outside of policy. In addition, this campus has disseminated communications to campus leadership and research administrators providing a clear understanding of the transfer limitations specific to transfers on federal funds and emphasizing the importance of completing transfers in a timely manner.

Finding 2012-05: Subrecipient Monitoring

Out of 86 subrecipients tested for proper monitoring across four campuses, there was one campus in which the proper monitoring procedures had not been performed for two out of seven subrecipients tested. The first subrecipient monitoring error was related to the lack of monitoring subrecipients receiving advances made with University funds. Management determined that the subrecipient tracking schedule used to perform the control was not complete and that any subrecipients receiving advances made with University funds were not included on the listing. At this campus, the population of advanced subrecipients for FY12 totaled \$2.5 million compared to the total for reimbursement subrecipients of \$50.8 million. Management has represented to us that the proper controls were in place when the

University of California

Summary Schedule of Prior Findings and Questioned Costs

For the Year Ended June 30, 2013

subrecipient was first accepted by the campus, but these subrecipients were not properly monitored on an on-going basis.

For the second monitoring error, there was one subrecipient where the A133 audit was in progress and the audit report had not yet been received.

Status:

The affected campus modified the process for identifying the population of subrecipients for monitoring. The population now includes subawards for which advance payments are made. Additionally, this campus conducted an annual review of its "subrecipient monitoring process" in Spring 2013 to assess any potential impact to the process due to changes in other business processes and to determine appropriate actions as warranted. This annual review did not identify any process changes requiring any additional modification to the subrecipient monitoring process.

Finding 2012-06: Timeliness of Travel Costs

Out of 25 travel costs tested across four campuses, there was one campus where five out of the six samples tested were not in compliance with the campus policy to submit expenses within 21 days from the date incurred. The amounts included in these expense reports ranged from \$266 to \$14,650 with an average of 69 days between the date the expense was incurred to the date the expense report was submitted and recorded as an award expenditure in the campus general ledger.

Status:

Changes evolving in the current business environment have shown the University policy to submit expense reports within 21 days is unrealistic. For example, sometimes travel expense report supporting documents included credit card statements which often times take more than 21 days to receive. Therefore, the University travel policy was revised to require travel reports be submitted within a more reasonable timeframe of 60 days. The affected campus has disseminated communications to campus leadership and research administrators emphasizing the importance of complying with the University policy.

Finding 2012-07: Timely Return of Title IV Funds

In our sample of 59 students receiving financial aid across four campuses, where the student withdrew from the University before beginning attendance, an issue was identified at one campus where Title IV funds for 6 students (out of 19 selected for testing, which was 100% of the population of students that withdrew before beginning attendance at this campus) were returned on average, 115 days after the student withdrew from the University, which is not within the required timeframe of 30 days.

Additionally, in our sample of 109 students receiving financial aid across four campuses, where the student withdrew from the University after beginning attendance, an issue was identified at one campus where Title IV funds for one student out of 25 tested was returned 79 days after the student withdrew from the University, which is not within the required timeframe of 45 days.

Status:

The following corrective actions were completed by the two affected campuses.

At one campus, the systems issue with the cancellation process and integration with the Office of the Registrar's system that cause the error has been fixed. Federal aid was returned to the government, and management also performed a thorough review of all refunds which may have been refunded inappropriately. Furthermore, the Financial Aid and Scholarships Office performs a monthly review of

University of California

Summary Schedule of Prior Findings and Questioned Costs

For the Year Ended June 30, 2013

the cumulative report of students leaving the University to ensure all records have been captured and addressed in a timely manner.

At the other campus, an additional process to ensure the timely return of Title IV funds has been instituted. The Financial Aid Office runs a weekly cumulative report beginning with the first day of instruction through the end of the period of enrollment. The report now captures all students who are no longer actively enrolled. Additionally, the data is cumulative to ensure that it captures any gaps in reporting between the Office of the Registrar and the Student Financial Aid department. Within a few weeks of the end of each period, the reports are again updated to ensure that no other changes have occurred. To ensure that the process continues to operate effectively, management reviews these controls for any changes that may have occurred. In addition, at the end of the financial aid year, a full assessment of the refunds is completed to ensure there are no other students for whom aid has not been refunded appropriately.

Finding 2012-08: Student Loan Repayment Exit Interviews

As part of our testing across four campuses, 106 students who ceased to study at the institution during the period under audit were selected for testing and there were 2 students for whom an exit interview was not conducted. Upon further investigation, there were approximately 900 students who had entered into repayment during the period in question, of which 77 students did not complete exit interviews.

Status:

The affected campus instituted additional controls and replaced the interface from the student aid management system and the student information system to ensure such errors do not reoccur. Additionally, campus Administrative Computing and Telecommunication has put in place a new system that automatically applies long-term loan documentation (LCOD) holds for students who have failed to complete their exit interview.

Finding 2012-09: Student Eligibility, Satisfactory Academic Progress

We tested student eligibility at four campuses for a total of 160 students. At one campus, out of 40 students tested, there was one student not meeting satisfactory academic progress (“SAP”) requirements for continuing to receive financial aid and no appeal was requested or approved. Upon further investigation by management, it was determined that the error population was limited to Spring 2010 admits with transfer units and one more student was also found to be out of compliance with the SAP requirements.

Status:

The affected campus believes this to be an isolated incident. This one-time issue was associated with the ProSAM conversion and isolated to admits who entered in the Spring 2010 semester. Federal student aid funds for these two student cases were promptly returned to the government once identified. As part of the start of the award year process, the affected campus tested the computer program that measures Satisfactory Academic Progress to ensure accuracy.



OFFICE OF THE EXECUTIVE VICE PRESIDENT—
CHIEF FINANCIAL OFFICER

OFFICE OF THE PRESIDENT
1111 Franklin Street, 10th Floor
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March 7, 2014

MANAGEMENT'S RESPONSE AND CORRECTIVE ACTION PLAN

**REPORT ON AUDIT OF FINANCIAL STATEMENTS AND ON FEDERAL AWARD PROGRAMS IN
ACCORDANCE WITH OMB CIRCULAR A-133 FOR THE YEAR ENDED JUNE 30, 2013**

Finding 2013-001: Conduct a Biennial Physical Inventory

The affected campus enhanced communications in April 2013 with the leadership of the schools and colleges responsible for completing the inventories in response to the finding from the FY 2012 audit. Due to the timing of the FY2012 audit, these enhanced communications were completed after the 10/31/12 deadline noted in finding 2013-001. However, it should be noted that all equipment inventory requirements for the 10/31/13 cycle were completed timely. This campus believes the heightened sense of awareness regarding equipment inventory on campus and more proactive central office monitoring will ensure continued compliance in this area.

Finding 2013-002: Transparency Act Reporting Requirements

The three affected campuses have taken the following actions:

The first affected campus uses a monthly report to track records that require FFATA reporting. FFATA reports are then prepared by manually extracting data from each record. Given the error found, this campus immediately instituted a secondary review of the monthly FFATA tracking report by another staff member to double-check that all records are reported on time.

At the second campus, the missed filing was due to a manual process that required passing files between individuals during the transition of subaward responsibilities and other functions to another department. The transition is now complete, and the dedicated group will allow this department to focus efforts on meeting the filing deadline. Subaward files are now clearly marked to indicate when FFATA reporting is required and if the reporting threshold has been met. Subawards are reevaluated for FFATA requirements at the time of a modification.

The third campus has continued its efforts in communicating and training on the FFATA reporting and compliance requirements. Additionally, this campus has established a new team dedicated solely to issuances of subawards. This team is now responsible for continued monitoring of the FFATA reporting requirements. Concentrating the work on subawards in a very small, well trained team, this campus expects to eliminate similar problems with late reporting. Additionally, an analyst has been assigned to review the monthly report of all executed subawards and to check against FSRS.gov that FFATA required reports have been completed. A list of non-compliant reports is then

prepared and provided to the Associate Directors of Sponsored Programs, as well as the Executive Director of Research Administration for review and appropriate follow-up actions.

Finding 2013-003: Calculation of Title IV Funds Returned

The affected campuses have taken the following actions:

All 3 identified errors caused by incorrect information input into the system have been promptly corrected and properly rectified. In addition, both affected campuses have instituted additional controls in the Title IV refunds process as follows:

At one affected campus, two additional steps in the Title IV refund process have been implemented. The Withdrawal Coordinator now performs a final review of 1) the withdrawal form and the R2T4 (Return to Title IV) worksheet to confirm consistency in withdrawal dates, and 2) aid posted in Banner and the R2T4 worksheet to confirm accuracy of the amounts. Prior to the change in procedures, all Title IV refunds for FY2013 and FY2014 were reviewed for accuracy and for appropriate actions if necessary.

At the other affected campus, the error involved input of an incorrect withdrawal date into the calculation. This campus Registrar's Office has implemented a secondary review process by having one individual input the withdrawal date in the student records database and another reviewer perform a secondary review of the weekly report of withdrawal effective dates entered in the system from the previous week. The second reviewer will make prompt corrections in the student records database and notify the Financial Aid and Scholarship Office Compliance Unit to take corrective actions on any errors discovered during the second review. Furthermore, the Registrar's Office will perform a full review of the withdrawals dates beginning with FY2013 to determine if any additional corrections are necessary. This review is expected to be completed by March 15, 2014.



Joao Pires
Director
Costing Policy & Analysis

Appendix A

University of California

Report to The Regents' Committee on Compliance and Audit

June 30, 2013



October 9, 2013

To The Regents' Committee on Compliance and Audit
of the University of California

We recently completed the audit of the financial statements of the University of California (the "University") for the year ended June 30, 2013 and reported on them, as well as on the separately issued financial statements of related entities, including the University's five medical centers and the University of California Retirement System. In planning and performing our audits of the financial statements in accordance with auditing standards generally accepted in the United States of America, we considered the University's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on internal control over financial reporting. Accordingly, we do not express an opinion on internal control over financial reporting.

Our consideration of internal control over financial reporting was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control over financial reporting that might be significant deficiencies or material weaknesses and therefore, there can be no assurance that all deficiencies, significant deficiencies, or material weaknesses have been identified.

AU 325, *Communicating Internal Control Related Matters Identified in an Audit*, of the AICPA Professional Standards includes the following definitions of a deficiency, a significant deficiency and a material weakness:

Deficiency—a deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis.

Significant Deficiency—a deficiency, or combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Material Weakness—a deficiency, or combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

We have completed our evaluation on whether any identified audit adjustments or control deficiencies, individually or in aggregate, are to be classified as material weaknesses or significant deficiencies. We have considered the deficiencies we identified, both individually and in the aggregate, and included summaries of those observations which generally represent common themes across the Office of the President, the campuses and academic medical centers, or are considered to be of significance that require communication to The Regents' Committee on Compliance and Audit. Management at the



Office of the President, the campuses and academic medical centers have responded to each of the observations and where appropriate, are taking corrective action to address our comments. The full text of all our comments is contained in separately issued letters to the Chancellors and available under separate cover.

This letter is intended solely for the information and use of The Regents' Committee on Compliance and Audit, management and others within the University as well as federal agencies and is not intended to be and should not be used by anyone other than these specified parties.

We look forward to discussing these matters with you at the November 12, 2013 meeting. If you would like any further information or would like to discuss any of the issues raised, please Joan Murphy at (415) 498-7690.

Very truly yours,

PricewaterhouseCoopers LLP

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Current Year Comments

1. Logical Security Access Controls

Observation

As part of our testing over Information Technology General Controls (ITGC) across nine in scope IT locations including the Office of the President, three campuses and five academic medical centers, we evaluated the design and operating effectiveness of a variety of logical security access controls. In particular, we evaluated whether:

- 1) IT professional and application users are assessed on a periodic basis to ensure that access rights are commensurate with existing roles and responsibilities;
- 2) User access follows a formal access provisioning and approval process;
- 3) Terminated user access is de-provisioned in a timely manner; and
- 4) Management performs monitoring of direct access to data to ensure that changes are consistent with their job responsibilities and appropriate.

We continue to observe that the logical security control procedures noted above are not performed consistently or not formally documented. There were 20 access related findings noted across in-scope medical centers and campuses and while the number of logical security access controls related findings decreased slightly in FY2013, the volume of occurrences is still considerable. Findings continue to be related to the absence of formal documentation of the access review, inconsistent performance of the controls, lack of formalized evidence of direct access to data monitoring, the completeness and accuracy of the user listings reviewed, and the timeliness of terminated user access de-provisioning. While access findings are noted across in-scope medical centers and campuses, we found six deficiencies at one of the medical centers that, in aggregate, we believe constitute a significant deficiency for only that particular medical center and not the University as a whole. Based on discussions with Management the exceptions identified appear to be the result of resources not consistently performing the established IT controls over existing applications.

The absence of formally performed and documented periodic user access review, direct data access monitoring, and untimely de-provisioning of user access may increase the risk of unauthorized access to data and systems.

Recommendation

We recommend IT management at each location continue to conduct a formal, periodic review of privileged system users to ensure that access is commensurate with job responsibility. IT management should retain documentation of the reviews including resolution as it relates to the inappropriate access identified.

In regards to application users and user access provisioning and de-provisioning, we recommend that functional owners or business management continue to follow the established access management policies and procedures, and retain evidence that the user access was approved prior to provisioning. To ensure timely and complete user access de-provisioning, we recommend management consider, where feasible, automating the user access de-provisioning process.

IT management should continue, and in certain cases enhance, the direct access to data risk assessment to determine whether the risks necessitate database logging and periodic review of direct access to data. As part of the assessment, IT and business management should collaborate to assess the risks at each business processes (and respective application supporting each process) as well as assess the individuals with direct access to financial data. Documentation evidencing the assessment and/or periodic review of direct data access should be retained and the assessment should be updated on a periodic basis. Where monitoring tools are utilized for direct access to data monitoring, management should ensure that the tools are appropriately configured and periodically update the configuration to ensure relevant changes in the environment and risks are appropriately addressed.

Management's Response

Due to the vast number of information systems that are maintained at each campus and medical center, managing access continues to be a challenge throughout the University. Last year, PricewaterhouseCoopers identified 21 access related findings and, of those findings, 15 findings were fully corrected during 2013 and the remaining 6 findings are in process of being corrected by management. Therefore, the 20 findings mentioned above by PricewaterhouseCoopers include 14 new findings and the 6 findings that were considered to be in process of being corrected. Many of the new findings are related to new information systems, such as the electronic medical record systems at some of the medical centers that were put in place recently. At the locations where access findings were noted, management indicated that it will continue to adhere to the processes to provision and de-provision user access, and conduct formal, periodic reviews of users with privileged access to key systems, as well as application users of these systems, to ensure that access rights are appropriate. Management has indicated that documentation to evidence these reviews will be retained.

2. Segregation of Duties

Observation

As part of our testing over the manual journal entry process across in-scope locations, we evaluated the design and operating effectiveness of key controls to enforce segregation of duties between the preparation and approval of the manual journals. In particular, we evaluated whether:

- 1) There is an IT system enforced segregation of duties over the creation and approval of manual journals;
- 2) The access to create and post manual journals is appropriately restricted; and
- 3) There are mitigating controls put in place where segregation of duties is not enforced by the IT systems.

We noted that two of the in-scope campuses and three medical centers do not have the ability to systematically enforce segregation of duties within the manual journal entry process due to system limitations, such as lack of configurable approval workflows or the ability to distinguish and restrict the access to create and post journal entries. We also noted that for certain locations where systematic ability to restrict and segregate access exists, that certain individuals were granted access that allows them to perform both functions creating a segregation of duties conflict.

For two of the medical centers, we believe the lack of segregation of duties and compensating controls in regards to the journal entry process constitutes a material weakness. At both of these medical centers, we noted no IT system controls in place to segregate the create and post functionality within the relevant application for the medical center's general ledger system. At one of the medical centers, although there are review procedures of the financial statements at each period end, we found the medical center had not put processes in place to address the segregation of duties risk whereby the manual journal entries in the preparation of the financial statements are documented as reviewed by someone other than the person preparing/creating the journal entry. At the other medical center, management has manual controls in place to address the segregation of duties risk whereby the manual journal entries are reviewed by someone other than the person preparing/creating the journal entry. However, we noted one person responsible for either performing or overseeing these manual controls also has system access and the ability to create and post journal entries, thus causing a segregation of duties conflict.

The lack of segregation of duties within the manual journal entry process unnecessarily increases the risk of erroneous or fraudulent journal entries made to the financial systems and could result in a misstatement of the financial statements. While we consider the lack of segregation of duties for this issue to be material weaknesses at two of the medical centers, we do not consider this to be a material weakness for the University of California consolidated financial reporting entity. After considering compensating controls that exist at the campuses and Office of the President that are designed and operating to detect material misstatements at the consolidated financial statement level, and the relative size of the two medical centers to the overall University, we have determined this matter to be a control deficiency at the consolidated level.

Recommendation

As indicated above, during our testing of business process controls, such as manual independent reviews, we identified certain compensating key controls which, if operating effectively, mitigate the financial reporting risk posed by the aforementioned issues. While compensating controls were present, they vary and some are not as robust or as well evidenced as others. In those locations where the compensating controls were not strong or well-evidenced, we performed additional audit procedures to gain comfort around the reasonableness of journal entries recorded.

We propose the following recommendations to reinforce the importance of having all key internal controls over financial reporting, both systems-related and business process transaction level, operate effectively throughout the fiscal year, to mitigate financial reporting risks.

We recommend management at each location conduct a formal, periodic review of system users to ensure that access is commensurate with job responsibility and access to create and post the journal entries is restricted to the limited number of individuals requiring such access. Where there is a systematic ability to restrict journal entries create and post access, we recommend that management enforce the automated functionality for all users.

Where the access to create and post is not systematically segregated, we recommend that management put in place a manual review and approval control to ensure that all manual journals undergo a level of independent review by an individual without "create and post" access before posting into the general ledger. Documentation evidencing that this independent review was conducted should be retained.

Management's Response

Management agrees that duties should be segregated in the manual creating and posting of journal entries, however, the old, antiquated financial information systems at some of the campuses do not have the automated functionality to prevent a user from creating and posting a journal entry. These locations all have compensating controls such as account reconciliations, management reports, and budgetary reviews to mitigate the risk that an erroneous journal entry is recorded and not identified and corrected in a timely manner. There are also a number of account reconciliations and exception reports used by the Office of the President to identify inaccurate or incomplete financial data and campuses are requested to make corrections to their data to clear all exceptions as part of the year-end closing process. We believe these compensating controls reduce the risk that an erroneous journal entry would not be identified to a very low level, however, some of the campus compensating controls, even though performed, are not documented in writing by the campus or medical center. Therefore, all the campuses with information systems that do not prevent a user from creating and posting journal entries have agreed to implement additional manual controls to print, review and formally document approval of journal entries in writing until more robust, modern information systems are implemented at their locations. Additionally, since PricewaterhouseCoopers identified material weaknesses at two of the medical centers, the campuses at these locations will be requested to enhance procedures for monitoring of internal controls and segregation of duties at the medical centers to ensure the findings are corrected.

Status of Prior Year Comments

Management takes responsibility for tracking the implementation status of prior year management letter comments. We are informing you of management's progress in implementing our previous recommendations.

| Comments | Status |
|--|--|
| Logical Security Access Controls | In process. Of the 21 findings, 15 have been corrected and 6 are still in the process of being corrected. (Comment 1) |
| Improve Timeliness and Documentation of Control Procedures Performed | Completed |

