

PRESIDENT'S REPORT

UC CAMPUSES RECOGNIZED FOR SUSTAINABILITY PRACTICES

UC's efforts to conserve energy, reduce carbon emissions, promote green building practices and advance environmental education have gained three campuses a place of honor on Sierra magazine's list of Top 10 Cool Schools.

UC Irvine placed third on the list, **UC Davis**, fourth and **UC Santa Barbara**, 10th.

A total of 162 U.S. higher education institutions participated in this year's rankings, including all of UC's undergraduate campuses. In addition to the three campuses that scored in the Top 10, **UC San Diego** ranked 20th; **UC Santa Cruz**, 21st; **UC Berkeley**, 25th; **UCLA**, 32nd; **UC Merced**, 44th; and **UC Riverside**, 102nd.

This marks the seventh year that Sierra has been ranking colleges and universities for their commitment to green practices. The rankings are based on a voluntary survey that quizzes four-year undergraduate institutions

on their support for alternative transportation, recycling, organic gardening and food services, active student sustainability groups, climate change research and carbon footprint-reduction strategies.

The magazine says it began its green rankings as a guide for prospective students who want to attend a school with a commitment to environmentalism.

The Princeton Review also publishes an annual Green Honor Roll, and four UC campuses were among 22 to earn a perfect score: **UC Irvine**, **UCLA**, **UC Santa Barbara** and **UC Santa Cruz**. The publisher of college guidebooks rated 832 colleges. Those on the Honor Roll received the highest possible score of 99.

In a survey Princeton Review conducted of 9,955 college applicants, 62 percent said a college's commitment to the environment would impact their application and enrollment choices.

PRESIDENTIAL MEDAL OF FREEDOM HONORS PROFESSORS

Three recipients with ties to UC are among the celebrities, politicians and sports figures to be awarded the 2013 Presidential Medal of Freedom, the nation's highest civilian honor.

UC San Diego professor of chemistry and biochemistry **Mario Molina** will be recognized for his contributions to environmental science.

Molina received the Nobel Prize in Chemistry in 1995 for discovering the ozone-depleting effect of chlorofluorocarbons. His work led to bans on using the chemical in spray cans and refrigerators.

A medal will be awarded posthumously to astronaut **Sally Ride**, a former professor emeritus in physics at **UC San Diego** and

the first American woman in space.

UC Berkeley alumnus and former professor **Daniel Kahneman** will also receive the medal at a White House ceremony later this year.

Kahneman, professor emeritus of psychology and public affairs at Princeton University, taught at UC Berkeley from 1986 to 1993 and earned a doctoral degree in psychology there in 1961.

He received a Nobel Prize in Economics in 2002 for integrating psychological research into economic science.

This year marks the 50th anniversary of President John F. Kennedy establishing the medal to celebrate outstanding contributions to American life. Bill Clinton, Oprah Winfrey, Gloria Steinem and Ernie Banks are among the 16 winners for 2013.

UC MERCED GROWING

The 2013-14 academic year at **UC Merced** kicked off with record enrollment and increases in freshmen, faculty and graduate students.

Graduate student enrollment has grown to 385, a 17 percent increase over the number of advanced degree students enrolled last year.

UC Merced has about 190 ladder-rank faculty, including 20 newly added members.

The campus, now in its 9th year, is expecting total fall enrollment of nearly 6,200, with a freshman class of about 1,600.

With the opening of the Half Dome residence hall, UC Merced can accommodate 2,100 students in on-campus housing.

UC TOPS PRESTIGIOUS RANKINGS

The 2013 Academic Ranking of World Universities from the Center for World-Class Universities at Shanghai Jiao Tong University named **UC Berkeley** the world's top public university, with an overall ranking of third place out of 500 universities. **UCLA** was 12th; **UC San Diego**, 14th; **UCSF**, 18th; **UC Santa Barbara**, 35th; **UC Irvine**, 45th; and **UC Davis**, 47th. **UC Riverside** and **UC Santa Cruz** placed in the second tier of 101-150 universities that are honored but not assigned individual ranking numbers.

In further recognition of UC's prominence in national and international rankings, Washington Monthly magazine named **UC San Diego** No. 1 for the fourth consecutive year. The rankings are unique in that they assess the emphasis higher education institutions place on public service and social mobility as well as research.

UC Riverside rose from fourth place to second. Six additional UC campuses were on the publication's top 100 list: **UC Berkeley**, **UCLA**, **UC Santa Barbara**, **UC Davis**, **UC Santa Cruz** and **UC Irvine**. In addition, they all were on the magazine's list of "America's Best-Bang-for-the-Buck Colleges."

LEGISLATORS, CAPITOL STAFF VIEW UC ONLINE ED DEMO

About 50 participants turned out to learn about the systemwide **Innovative Learning Technology Initiative**. Lt. Gov. Gavin Newsom and Assemblymembers Steve Fox and Adrin Nazarian were among those who gathered in the governor's Sacramento conference room for the Aug. 20 demonstration of courses in biochemistry, philosophy, climate change and dance history.

UC has been engaged in online education since 1997, long before MOOCs existed, said **Robert Powell**, chair of UC's systemwide Academic Senate. UC is focusing on credit-granting courses for enrolled students, Powell said, unlike the non-credit MOOCs open to the general public.

UCLA philosophy professor **Brian Copenhaver** kicked off the demonstration with Historical Introduction to Philosophy: From Plato to Hume. This course is part of a suite of 12 UCLA online for-credit courses offered through the College of Letters & Sciences. More than 1,980 students have taken these courses. Other professors who demonstrated courses included **Arnold Bloom**, professor of plant sciences from **UC Davis**; **Kalju Kahn**, a lecturer in chemistry at **UC Santa Barbara**; and **Jacqueline Shea Murphy**, chair of dance at **UC Riverside**. In 2012-13, 12,000 UC students were enrolled in online undergraduate and graduate for-credit courses.

NEWS FROM THE CAMPUSES AND LABS

UC Berkeley researchers studying the brain regions that control food choices discovered a link between poor sleep and junk food cravings.

UC Davis scientists concluded that destructive tropical fruit flies are permanently established in California despite 30 years of publicly funded extermination efforts.

UC Irvine Extension launched a new certificate program to train sustainability professionals in business management skills.

UCLA engineering professor Vijay Gupta developed a polymer for football and military helmets that could reduce concussions from impacts and explosions.

UC Merced is now home to Ice Age Columbian mammoth bones Caltrans discovered during Highway 99 construction in Madera County.

UC Riverside welcomed an inaugural class of 50 students to the School of Medicine during an Aug. 9 white coat ceremony.

UC San Diego scientists have developed a computer model to render clothing more realistically in animated movies and video games.

UCSF will launch an online healthcare administration and leadership master's degree in January with an inaugural class of 32 working professionals.

UC Santa Barbara researchers collaborated with a national team to develop a new, more efficient technique for targeting and repairing defective disease-causing genes.

UC Santa Cruz has established the Department of Technology Management in the School of Engineering to focus on complex systems and big data management.

Berkeley Lab is helping develop a tiny chip that could lead to a hand-held device that "lights up" if a person needs medical attention after radiation exposure.

Livermore Lab cosmochemist Ian Hutcheon had a new mineral, recently discovered in the Allende meteorite, named hutcheonite in his honor.

Los Alamos Lab has launched an express licensing program to streamline access to lab inventions for commercialization.