

The Regents of the University of California

**COMMITTEE ON OVERSIGHT OF THE
DEPARTMENT OF ENERGY LABORATORIES**

November 15, 2012

The Committee on Oversight of the Department of Energy Laboratories met on the above date at UCSF–Mission Bay Community Center, San Francisco.

Members present: Regents Blum, De La Peña, Gould, Pattiz, Reiss, Rubenstein, Ruiz, and Varner; Ex officio members Lansing and Yudof; Advisory member Powell

In attendance: Regents Island, Kieffer, Makarechian, Mendelson, Schilling, Stein, Torlakson, and Zettel, Regents-designate Feingold and Flores, Faculty Representative Jacob, Secretary and Chief of Staff Kelman, Associate Secretary Shaw, General Counsel Robinson, Chief Investment Officer Berggren, Provost Dorr, Executive Vice President Brostrom, Chief Financial Officer Taylor, Senior Vice Presidents Dooley and Stobo, Vice Presidents Beckwith, Duckett, Lenz, and Mara, Chancellors Block, Blumenthal, Drake, Katehi, White, and Yang, and Recording Secretary McCarthy

The meeting convened at 9:45 a.m. with Committee Chair Pattiz presiding.

1. APPROVAL OF MINUTES OF PREVIOUS MEETING

Upon motion duly made and seconded, the minutes of the meeting of July 18, 2012 were approved.

2. UPDATE ON THE DEPARTMENT OF ENERGY LABORATORIES

[Background material was mailed to Regents in advance of the meeting, and a copy is on file in the Office of the Secretary and Chief of Staff.]

Committee Chair Pattiz updated the Committee on the excellent work being done at the National Laboratories, particularly the recent success of the Mars Rover, in which the Los Alamos National Laboratory (LANL) played a key role. He enumerated many areas of research done at the National Laboratories and expressed pride in UC's role in this work.

LANL Principal Associate Director for Global Security Terry Wallace stated that LANL currently performs \$900 million worth of research each year, in areas ranging from climate change to interstellar matter. LANL has 2,300 individuals with a Ph.D., one-third of whom have some UC connection. Other than universities in New Mexico, UC is the largest supplier of LANL's 450 postdoctoral scholars.

Mr. Wallace introduced two LANL scientists who worked on the Mars Rover. Roger Wiens was the principal investigator of the Mars Rover ChemCam (chemistry and camera) instrument, which was developed and led by LANL. He noted that LANL fabricated the plutonium that powers the Mars Rover and was the science co-lead for the CheMin (chemistry and mineralogy) instrument. Mr. Wiens emphasized the importance of programs like these for students and those starting careers in these fields.

Mr. Wiens described details of the Mars Science Laboratory called Curiosity, the goals of which are to assess the biological potential of Mars, to characterize the geology of the landing region on Mars, to investigate Mars' past habitability including the role of water, and to characterize the hazards to human life on Mars. He described details of the Curiosity Rover and its experimental capabilities. ChemCam uses laser-induced breakdown spectroscopy to determine the chemical composition of Mars' rocks and soil. Mr. Wiens showed a video of the Mars Rover landing on Mars.

Nina Lanza, Los Alamos postdoctoral scholar, stated that she had worked on the ChemCam project for the past six years and discussed the chemical findings based on recent data from Mars. The results have been better than expected.

Committee Chair Pattiz invited the Regents to visit the National Laboratories. He thanked Vice President Mara for his work on behalf of the Laboratories.

3. **RESOLUTIONS TO EXCLUDE ACCESS TO FEDERAL CLASSIFIED INFORMATION**

The President recommended that the Committee on Oversight of the Department of Energy Laboratories recommend to the Regents that the two resolutions pertaining to the University's Department of Energy and Department of Defense Facility Security Clearances be approved as shown in Attachments 1 and 2.

[Background material was mailed to Regents in advance of the meeting, and a copy is on file in the Office of the Secretary and Chief of Staff.]

Committee Chair Pattiz stated that this item requested adoption of exclusion resolutions for Provost Dorr and Faculty Representative Jacob. As a result, they would be excluded from access to all classified information and/or special nuclear material, and would not participate in any decision or other matter pertaining to the protection of classified information and/or special nuclear material.

Committee Chair Pattiz moved that Attachment 2 be amended as follows:

Additions shown by underscoring; deletions shown by strikethrough

Pursuant to the *Policy on Security Clearance for Access to Federal Classified Information* adopted on March 29, 2012 and this Resolution, the following named member of ~~the Board of The~~ University of California Key Management Personnel shall

not require, shall not have, and can be effectively excluded from access to all classified information and/or special nuclear material released to the Regents of the University of California until such individual is granted the required access authorization from the cognizant security agency.

Upon motion duly made and seconded, the Committee approved the President's recommendation as amended and voted to present it to the Board.

The meeting adjourned at 10:25 a.m.

Attest:

Secretary and Chief of Staff

ATTACHMENT 1

RESOLUTION

Pursuant to the *Policy on Security Clearance for Access to Federal Classified Information* adopted on March 29, 2012 and this Resolution, the following named member of the University of California Key Management Personnel shall not require, shall not have, and can be effectively excluded from access to all classified information and/or special nuclear material released to the Regents of the University of California until such individual is granted the required access authorization from the cognizant security agency. And, as a consequence of this Resolution, such individual does not occupy a position that would enable her to adversely affect the policies or practices of the University of California, or its subsidiary, regarding the performance of classified contracts for the United States Government.

NAME	TITLE
Aimée Dorr	Provost and Executive Vice President for Academic Affairs

RESOLUTION

Pursuant to the *Policy on Security Clearance for Access to Federal Classified Information* adopted on March 29, 2012 and this Resolution, the following named member of the Board of The University of California shall not require, shall not have, and can be effectively excluded from access to all classified information and/or special nuclear material released to the Regents of the University of California until such individual is granted the required access authorization from the cognizant security agency. And, as a consequence of this Resolution, such individual does not occupy a position that would enable him to adversely affect the policies or practices of the University of California, or its subsidiary, regarding the performance of classified contracts for the United States Government.

NAME	TITLE
William Jacob	Faculty Representative to The Regents