THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
MEETING AS A COMMITTEE OF THE WHOLE

October 20, 2005

The Regents of the University of California met on the above date at Herklotz Conference Center, Qureshey Laboratory Building, Irvine campus.

Members present: Regents Hopkinson, Johnson, Juline, Island, Rominger, Rosenthal, and Ruiz

In attendance: Regents-designate Ledesma, Oakley, and Schreiner, Faculty Representatives Brunk and Coombs, Secretary Trivette, University Counsel Birnbaum, Senior Vice President Mullinix, Staff Advisors Bell and Miller, and Recording Secretary Bryan

The meeting convened at 9:00 a.m. with Regent Hopkinson presiding. It was noted that the public comment period would take place in the context of the Regents' visit to the Irvine campus, rather than as a formal meeting of the Board, and as such a quorum of The Regents was not required.

1. **PUBLIC COMMENT**

Regent Hopkinson explained that the Board had been convened as a Committee of the Whole in order to permit members of the public an opportunity to address University-related matters. Ms. Vera Konkankit, Mr. Zachary Avallone, Mr. Chazzad Uda, Ms. Patricia Suzuki, Ms. Enny Van, and Mr. Nicholas Paliony addressed the Board. Their topics included the following:

- The success a campus movement has had in registering students to vote.
- The importance of preserving a high level of financial aid for students.
- The effect raising student fees has had on the number of hours students now must work, which has an adverse effect on their ability to participate in campus life.
- The importance of supporting student academic preparation programs.

2. **INFORMAL DISCUSSION WITH 2004 NOBEL LAUREATE IN CHEMISTRY**

Irwin Rose, a professor emeritus of physiology and biophysics at the UCI College of Medicine who shared the 2004 Nobel Prize for Chemistry with Aaron Ciechanover and Avram Hershko of the Israel Institute of Technology, spoke about his research. The Nobel Prize was awarded to Professor Emeritus Rose and his colleagues "for the discovery of ubiquitin-mediated protein degradation." All living things are built of proteins. The three researchers discovered one of the cell's most important cyclical processes, regulated protein degradation. Their work solved a fundamental puzzle by

making it possible to understand at a molecular level how the cell controls a number of central processes by breaking down certain proteins and not others. The series of biochemical reactions they discovered disclosed that when degradation does not work correctly, diseases such as cancer, Alzheimer's, and Parkinson's can result. Knowledge of ubiquitin-mediated protein degradation offers an opportunity to develop drugs against these diseases and others.

Professor Rose discussed the importance of the research done at universities and particularly about the role that graduate students play.

3. **STRATEGIC PLANNING DISCUSSION**

Chancellor Drake discussed the history of his career at the University, where he had had teaching, research, and management responsibilities before being appointed as Chancellor of the Irvine campus. He spoke of the vitality and growth that the campus has been undergoing in recent years, noting that it has risen dramatically in academic standing and was viewed by the community as a worthwhile investment in the future of the region and critical to its development.

Chancellor Drake's expressed a vision for the campus that included the development of its professional schools, strengthening of its arts and humanities programs, the completion of its new hospital that would improve accessibility for patients, and the hope to establish a law school emphasizing service to underserved populations. He anticipated maintaining the campus as a values-focused community populated by passionate, empathetic people.

4. **BRIEF REMARKS FROM THE STUDENT PERSPECTIVE**

Mr. Manuel Gomez and Mr. Brett Goldsmith discussed aspects of their experiences as students at UC Irvine and the toll that having to meet increasing costs was taking on them.

5. **HOUSING TOUR**

The Committee was given a tour of the Vista del Campo undergraduate housing community, followed by lunch.

6. **FUEL CELL PRESENTATION AND FUEL CELL HYDROGEN VEHICLE DEMONSTRATION**

Led by Director Scott Samuelson, the Committee toured the National Fuel Cell Research Center at the Henry Samueli School of Engineering. The Research Center supports advanced power generation system research, development, and demonstration. It provides education and research opportunities for undergraduate and graduate students in the advancement of the commercialization of fuel cell technologies and the development of technical solutions to problems that impede such commercialization, and

in researching problems associated with the development and demonstration of fuel cell technologies. Regents were given the opportunity of driving zero emission Toyota sport utility vehicles powered by fuel cells.

7. **KECK CARBON CYCLE ACCELERATOR MASS SPECTROMETRY LABORATORY PRESENTATION AND TOUR**

Following an introduction by Dean Ronald Stern, Professor Ellen Druffel, a chemical oceanographer, led the Committee on a tour of the Keck Carbon Cycle Mass Spectrometry Laboratory in the Department of Earch Sciences. The Committee observed demonstrations related to the study of the carbon cycle in the upper ocean and its relationship to present and past circulation changes and global climate change. Researchers are using accelerator mass spectrometry to measure radiocarbon in small amounts of carbon in order to assess the magnitude of the ocean repository for excess atmospheric carbon dioxide and for estimating, in part, the extent of the anticipated greenhouse effect.

The meeting adjourned at 3:00 p.m.

Attest:

Secretary