June 30, 2009

Dear Governor Schwarzenegger:

We are writing to you as members of the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine, and as professors at the University of California to express our deep concern about the latest round of proposed cuts to the UC budget. Current proposals being weighed by your office and the Legislature call for a 19% reduction from 2007-8 levels in state support for UC, producing an $800 million shortfall in the UC budget for the 2009-10 fiscal year. This will lead to increases in student fees, reductions in pay or furloughs for faculty and staff, and cuts in virtually all University services. These cuts will be devastating to every part of the University’s mission, but as scientists and engineers we are particularly concerned about their effects on the future of science and technology in California. While we recognize that our state faces an unprecedented financial crisis, the proposed cuts come on top of a decades-long trend of declining state support for the University of California. The situation has reached a breaking point.

Further cuts of the magnitude being contemplated in the latest round of budget proposals are likely to destroy UC’s status as the leading public university in the United States. This would undermine prospects for economic recovery and damage California’s competitiveness for decades.

Before making a decision in the heat of a crisis that will have negative consequences for decades to come, we ask that you consider the following:

• It is estimated that 85% of per capita economic growth in the United States is due to technological change\(^1\), and the University of California has been a leading driver of that change. Productivity growth produced by UC technological innovation is estimated at $5.2 billion from 2002-11, leading to more than 100,000 new jobs in California.\(^2\) For every dollar that California invested in research and development at UC in 2000-1, UC researchers brought in another $3.89 of private and federal research money.\(^3\)

• UC trains the highly skilled workforce that drives California’s economy: 85% of biotech firms\(^4\) and 57% of research and development-intensive communications

---


\(^3\) Ibid, pg. 7.

firms in California employ holders of advanced degrees from UC. The co-founders of Intel, Apple Computer, Sun Microsystems, and MySpace all hold undergraduate or graduate degrees from UC.

- In 1970, the fraction of the state of California’s general fund devoted to UC was 7%. By 2008-9 it had declined to 3.2%. Thus further cuts to UC would come from a portion of the state budget that has already declined by more than a factor of two in past decades.

- Between 1990 and 2008, inflation-adjusted state support per UC student fell by 40%. As a result, the total inflation-adjusted education expenditure per UC student (including student fees and contributions from UC General Funds) decreased by 19%, while student costs rose by 138%. Further cuts will hit disadvantaged and lower-middle-class students the hardest, since they rely on financial aid, outreach, gateway, and tutoring programs, all of which will be under extraordinary pressure. This will inexorably reduce services to the component of California’s population most in need of a distinguished public university.

- UC’s status as a leading research institution depends on its ability to attract and retain the best scholars, but faculty salaries were already 12% below market as of 2006-7. The salary reductions resulting from the proposed budget cut would widen the gap to 19%. UC will find it impossible to attract and retain leading faculty with a salary gap of this magnitude.

- The impact of salary cuts on young faculty, many of whom have mortgages that they are only barely able to pay now, is likely to be particularly devastating. If their salaries are cut and they are faced with the prospect of losing their homes, these future scientific leaders can and will move elsewhere. This will produce a huge brain drain from California.

- If this damage is done, it will not be easy to undo. Even if UC salaries and research support were to recover after the crisis passes, it would take years to replace the professors who leave, and many of the investments that have been made in research and teaching programs would be irrevocably lost. Even worse, worries about the stability of funding and the safety of jobs at UC would hinder efforts to recruit talented scholars and teachers for years or even decades to come.

---

6 Larry Hershman, 2005-06 Budget Presentation Regents meeting, November 2004.
For the past 40 years, California has been struggling to run a world-class university on ever-declining state support. In the face of the current crisis, the past strategy of incremental cuts at the margin will no longer be viable, and major changes will be set in motion. The actions of the Governor and the Legislature in coming weeks will be seen, both by the scientists currently employed by UC and by the young researchers who will consider moving here in the next decade, as a clear statement of whether the state of California intends to maintain a leading research university or not. If it does not, California must be prepared to accept the long-term loss of educational, economic, and technological benefits that UC produces. The forefront of innovation will move elsewhere. This is the prospect with which we are now faced.

In a time of crisis, our attention rightly focuses on using limited resources to meet the needs of the moment. However we must remember that the University of California represents our state’s investment in the future. When the crisis passes and we begin to repair the damage, our prospects for success will be determined by how well we protect that investment today.

Sincerely,

(Signatories are identified by their National Academy affiliation: National Academy of Engineering [NAE], National Academy of Sciences [NAS], or Institute of Medicine [IOM].)

John Abelson (NAS)
Adjunct Professor, Department of Biochemistry and Biophysics, UC San Francisco

David A. Agard (NAS)
Professor, Department of Biochemistry and Biophysics, UC San Francisco
Howard Hughes Medical Investigator

Alice Merner Agogino (NAE)
Roscoe and Elizabeth Hughes Professor of Mechanical Engineering, UC Berkeley

Guenter Ahlers (NAS)
Professor, Department of Physics, UC Santa Barbara

Satya N. Alturi (NAE)
Professor, Center of Aerospace Research and Education, UC Irvine

Walter Alvarez (NAS)
Professor, Department of Earth and Planetary Science, UC Berkeley

Ronald M. Andersen (IOM)
Wasserman Professor Emeritus, Departments of Health Services and Sociology, UCLA
John C. Avise (NAS)  
Distinguished Professor, Department of Ecology and Evolutionary Biology, UC Irvine

Francisco J. Ayala (NAS, National Medal of Science Laureate)  
University Professor  
Donald Bren Professor of Biological Sciences  
Professor of Logic and Philosophy of Science, School of Social Sciences, UC Irvine

George Backus (NAS)  
Professor Emeritus, Department of Geophysics, Scripps Institution of Oceanography, UC San Diego

Ruzena Bajcsy (IOM, NAE)  
Professor, Department of Electrical Engineering and Computer  
Director Emeritus, CITRIS, UC Berkeley

John Bowers (NAE)  
Professor, Department of Electrical and Computer Engineering  
Director, Institute for Energy Efficiency, UC Santa Barbara

Rafael L. Bras (NAE)  
Distinguished Professor and Dean, Civil and Environmental Engineering, UC Irvine

Robert G. Bregman (NAS)  
Professor, Department of Chemistry, UC Berkeley

Eric A. Brewer (NAE)  
Professor, Department of Electrical Engineering and Computer Science, UC Berkeley

Steven P. Briggs (NAS)  
Professor, Section of Cell and Developmental Biology, Division of Biological Sciences, UC San Diego

Bob B. Buchanan (NAS)  
Professor, Department of Plant and Microbial Biology, UC Berkeley

Thomas F. Budinger (NAE, IOM)  
Professor of the Graduate School, UC Berkeley  
Professor Emeritus, UC San Francisco  
Home Secretary, NAE

Patricia A. Buffler (IOM)  
Professor of Epidemiology, School of Public Health, UC Berkeley

William E. Bunney, Jr. (IOM, NAS)
Senior Associate Dean for Research, School of Medicine
Distinguished Professor, Della Martin Chair, Department of Psychiatry, UC Irvine

Michael Callaham (IOM)
Professor and Chair, Department of Emergency Medicine, UC San Francisco

John E. Casida (NAS)
Professor of Toxicology and Entomology
Director, Environmental Chemistry and Toxicology Laboratory, UC Berkeley

Webster K. Cavanee (IOM, NAS)
Professor, Department of Medicine, UC San Diego
Director, Ludwig Institute for Cancer Research, San Diego

David Chandler (NAS)
Professor, Department of Chemistry, UC Berkeley

Anil K. Chopra (NAE)
Horace, Dorothy, and Katherine Johnson Professor, Department of Civil and Environmental Engineering, UC Berkeley

Alexandre Chorin (NAS)
University Professor
Professor, Department of Mathematics, UC Berkeley

Maarten J. Chrispeels (NAS)
Professor, Division of Biological Sciences
Director, Center for Molecular Agriculture, UC San Diego

James E. Cleaver (NAS)
Professor Emeritus of Dermatology and Pharmaceutical Chemistry, Department of Dermatology, UC San Francisco

Michael T. Clegg (NAS)
Donald Bren Professor of Biological Sciences, UC Irvine
Foreign Secretary, NAS

John A. Clements (NAS)
Professor Emeritus of Pediatrics, UC San Francisco
Julius H. Comroe, Jr., Professor of Pulmonary Biology, Emeritus
Member, Graduate Group in Biophysics, Retired
Lasker Prize Awardee, Royal Society of Physicians of London

Don W. Cleveland (NAS)
Professor and Chair, Department of Cellular and Molecular Medicine, UC San Diego
Head, Laboratory of Cell Biology, Ludwig Institute for Cancer Research
Thomas W. Cline (NAS)
Professor of Genetics, Genomics, and Development, Department of Molecular Biology, UC Berkeley

Thomas J. Coates (IOM)
Michael and Sue Steinberg Professor of Global AIDS Research
Distinguished Professor, Division of Infectious Diseases, Department of Medicine, UCLA David Geffen School of Medicine

Phillip Colella (NAS)
Senior Staff Scientist, Computational Research Division, Lawrence Berkeley National Laboratory

Eugene D. Commins (NAS)
Professor Emeritus, Department of Physics, UC Berkeley
David E. Culler (NAE)
Professor, Department of Electrical Engineering and Computer Science, UC Berkeley

Shaun R. Coughlin (NAS, IOM)
Professor of Medicine and Cellular and Molecular Pharmacology
Director, Cardiovascular Research Institute, UC San Francisco

Marc Davis (NAS)
Professor, Departments of Physics and Astronomy, UC Berkeley

Russ E. Davis (NAS)
Professor Emeritus, Scripps Institution of Oceanography, UC San Diego

Haile T. Debas (IOM)
Professor of Surgery
Former Dean of the Medical School
Former Chancellor, UCSF

James Demmel (NAE)
Professor, Departments of Electrical Engineering and Computer Science and Mathematics, UC Berkeley

William E. Dietrich (NAS)
Professor, Department of Earth and Planetary Science, UC Berkeley

Greg Duncan (NA Education)
Distinguished Professor, Department of Education, UC Irvine

Thomas Dunne (NAS)
Professor, Bren School of Environmental Science and Management and Department of Earth Science, UC Santa Barbara

Robert C. Dynes (NAS)
Professor, Department of Physics, UC Berkeley
Chancellor Emeritus, UC San Diego
President Emeritus, University of California

Sandra M. Faber (NAS)
University Professor
Astronomer, University of California Observatories
Professor and Chair, Department of Astronomy & Astrophysics, UC Santa Cruz

Juli Feigon (NAS)
Professor, Department of Chemistry and Biochemistry, UCLA

Alexei V. Filippenko (NAS)
Professor, Department of Astronomy, UC Berkeley
2006 Carnegie/CASE National Professor of the Year

Robert Fischer (NAS)
Professor, Department of Plant and Microbial Biology, UC Berkeley

Glenn H. Fredrickson (NAE)
Professor, Departments of Chemical Engineering and Materials
Director, Mitsubishi Chemical Center for Advanced Materials, UC Santa Barbara

Inez Fung (NAS)
Professor, Departments of Earth and Planetary Science and Environmental Science, Policy, and Management
Co-Director, Berkeley Institute of the Environment, UC Berkeley

Mary K. Gaillard (NAS)
Professor, Department of Physics, UC Berkeley

Bruce C. Gates (NAE)
Distinguished Professor, Department of Chemical Engineering and Materials Science, UC Davis

Arthur Geoffrion (NAE)
James A. Collins Chair in Management Emeritus, Anderson School of Management, UCLA

Andrea Ghez (NAS)
Professor, Department of Physics and Astronomy and Institute for Geophysics and Planetary Physics, UCLA
Kathleen M. Giacomini (IOM)
Professor and Co-Chair, Department of Bioengineering and Therapeutic Sciences, UC San Francisco

Linda C. Giudice (IOM)
Professor and Chair, Department of Obstetrics, Gynecology, and Reproductive Sciences, UC San Francisco

Robert B. Goldberg (NAS)
Distinguished Howard Hughes Medical Institute Professor, Department of Molecular, Cell, and Developmental Biology, UCLA

Richard E. Goodman (NAE)
Professor Emeritus, Department of Civil Engineering, UC Berkeley

Paul R. Gray (NAE)
Professor Emeritus, UC Berkeley

Warner C. Greene (IOM)
Director, Gladstone Institute of Virology and Immunology
Nick and Sue Hellman Distinguished Professor of Translational Medicine
Professor of Medicine, Microbiology, and Immunology, UC San Francisco
President, Accordia Global Health Foundation

John Greenspan (IOM)
Professor of Oral Pathology, Department of Orofacial Sciences, School of Densitry
Director, AIDS Research Institute, School of Medicine, UC San Francisco

David Gross (NAS, Nobel Laureate)
Professor, Physics Department
Director, Kavli Institute for Theoretical Physics, UC Santa Barbara

Melvin M. Grumbach (IOM, NAS)
Edward B. Shaw Professor of Pediatrics, Emeritus, UC San Francisco

Christine Guthrie (NAS)
Professor, Department of Biochemistry and Biophysics, UC San Francisco
American Cancer Society Research Professor of Molecular Genetics

E. A. Hammel (NAS)
Professor Emeritus, Departments of Demography and Anthropology, UC Berkeley

Bruce D. Hammock (NAS)
Distinguished Professor of Entomology, UC Davis
Director, Cancer Center, UC Davis Medical Center
Director, NIEHS-UC Davis Superfund Basic Research Program
Principal Investigator, NIH Biotechnology Training Program, UC Davis

James Hartle (NAS)
Professor, Department of Physics, UC Santa Barbara

Donald R. Helinski (NAS)
Professor Emeritus, Department of Molecular Biology, UC San Diego

George M. Homsy (NAE)
Professor, Department of Mechanical Engineering, UC Santa Barbara
Director, Institute for Multiscale Materials Systems, Los Alamos National Laboratory / UC Santa Barbara

John David Jackson (NAS)
Professor Emeritus, Department of Physics, UC Berkeley

Anthony A. James (NAS)
Distinguished Professor, Departments of Microbiology and Molecular Genetics and Molecular Biology and Biochemistry, UC Irvine

Robert B. Jaffe (IOM)
Fred Gellert Professor of Reproductive Medicine and Biology, Center for Reproductive Sciences, UC San Francisco

David Jewitt (NAS)
Professor, Department of Earth and Space Sciences and Institute for Geophysics and Planetary Physics, UCLA

Eward G. Jones (NAS)
Distinguished Professor of Psychiatry and Behavioral Sciences
Director, Center for Neuroscience, UC Davis

David Julias (NAS)
Morris Herzstein Chair in Molecular Biology and Medicine
Professor and Chair, Department of Physiology, UC San Francisco

Ronald Kaback (NAS)
Distinguished Professor, Departments of Physiology and Microbiology, Immunology, and Molecular Genetics, UCLA

Ivan P. Kaminow (NAE)
Adjunct Professor, Department of Electrical Engineering and Computer Science, UC Berkeley
Bell Labs (retired)
Bill Kastenberg (NAE)
Daniel M. Tellep Distinguished Professor Emeritus, College of Engineering, UC Berkeley

Randy H. Katz (NAE)
Professor, Department of Electrical Engineering and Computer Science, UC Berkeley

Charles F. Kennel (NAS)
Distinguished Professor Emeritus, Department of Atmospheric Sciences, UCLA
Former Director, Dean, and Vice-Chancellor of Marine Sciences, Scripps Institute of Oceanography, UC San Diego
Former Executive Vice-Chancellor, UCLA

James P. Kennett (NAS)
Professor Emeritus and Research Professor, Department of Earth Science and Marine Science Institute, UC Santa Barbara

John Kim (NAE)
Professor, Department of Mechanical and Aerospace Engineering, UCLA

C. Judson King (NAE)
Professor Emeritus, Department of Chemical Engineering
Director, Center for Studies in Higher Education
Provost and Senior Vice President, Academic Affairs, Emeritus, UC Berkeley

Talmadge E. King (IOM)
Julius R. Krevans Distinguished Professor of Internal Medicine
Chair, Department of Medicine, UC San Francisco

Patrick V. Kirch (NAS)
Class of 1954 Professor Anthropology and Integrative Biology, UC Berkeley

Leonard Kleinrock (NAE, National Medal of Science Laureate)
Distinguished Professor, Department of Computer Science, UCLA

Judith P. Klinman (NAS)
Joel Henry Hildebrand Distinguished Professor, Department of Chemistry, UC Berkeley

U. Fred Kocks (NAE)
Retired Fellow, Los Alamos National Laboratory
Affiliate, UC San Diego

Mary Anne Koda-Kimble (IOM)
Professor and Dean, School of Pharmacy
TJ Long Chair in Community Pharmacy Practice, UC San Francisco
Richard Kolodner (NAS)
Professor of Medicine, Ludwig Institute for Cancer Research, UC San Diego

Robert Kraft (NAS)
Professor Emeritus, Department of Astronomy and Astrophysics, UC Santa Cruz

Edward J. Kramer (NAE)
Professor, Departments of Materials and Chemical Engineering, UC Santa Barbara

Sydney Kustu (NAS)
Professor, Department of Plant and Microbial Biology, UC Berkeley

J. Clark Lagarias (NAS)
Professor, Department of Molecular and Cell Biology, UC Davis

James S. Langer (NAS)
Research Professor, Department of Physics, UC Santa Barbara
Former Vice President, NAS

Robert Langridge (IOM)
Professor Emeritus, UC San Francisco

L. Gary Leal (NAE)
Katharine and Warren Schlinger Distinguished Professor, Department of Chemical Engineering, UC Santa Barbara

Ronald Lee (NAS)
Professor, Department of Demography
Jordan Family Professor, Department of Economics
Director, Center for the Economics of Demography and Aging, UC Berkeley

George Leitmann (NAE)
Professor Emeritus, Department of Mechanical Engineering, UC Berkeley

Stephen R. Leone (NAS)
Professor, Departments of Chemistry and Physics, UC Berkeley
Director, Chemical Dynamics Beamline, Advanced Light Source, Lawrence Berkeley National Laboratory

Peter Li (NAS)
Chancellor’s Professor, Department of Mathematics, UC Irvine

Thomas M. Liggett (NAS)
Professor, Department of Mathematics, UCLA

Robert P. Lin (NAS)
Professor, Department of Physics
Director Emeritus, Space Sciences Laboratory, UC Berkeley

Dan L. Lindsley (NAS)
Research Professor of Biology, UC San Diego

Elizabeth Loftus (NAS)
Distinguished Professor of Psychology and Social Behavior, Criminology, Law and Society, and Cognitive Sciences, School of Law, UC Irvine

Steven G. Louie (NAS)
Professor, Department of Physics, UC Berkeley

John D. Mackenzie (NAE)
Professor Emeritus, Department of Materials Science and Engineering, UCLA

Geoff Marcy (NAS)
Professor, Department of Astronomy, UC Berkeley

James L. McGaugh (NAS)
Research Professor, Department of Neurobiology and Behavior, UC Irvine

Robert McMeeking (NAE)
Professor, Departments of Mechanical Engineering and Materials, UC Santa Barbara

Christopher F. McKee (NAS)
Professor, Departments of Astronomy and Physics, UC Berkeley

James C. McWilliams (NAS)
Professor and Chair, Department of Atmospheric and Oceanic Sciences and Institute of Geophysics and Planetary Physics, UCLA

Michael Merzenich (IOM)
Professor Emeritus of Otolaryngology, UC San Francisco

Barbara J. Meyers (NAS)
Professor, Department of Molecular and Cell Biology, UC Berkeley
Investigator, Howard Hughes Medical Institute

William H. Miller (NAS)
Kenneth S. Pitzer Distinguished Professor, Department of Chemistry, UC Berkeley

William Munk (NAS)
Secretary of the Navy Chair in Oceanography, Scripps Institute of Oceanography, UC San Diego
Richard S. Muller (NAE)
Professor in the Graduate School, Professor Emeritus, UC Berkeley
Director and Co-Founder, Berkeley Sensor and Actuator Center
Editor-in-Chief, IEEE/ASME Journal of MEMS
Life Fellow, Institute of Electrical and Electronics Systems

William Murdoch (NAS)
Charles A. Storke II Professor of Ecology, Department of Ecology, Evolution, and Marine Biology, UC Santa Barbara

Hiroshi Nikaido (NAS)
Professor, Department of Molecular and Cell Biology, UC Berkeley

Masayasu Nomura (NAS)
Grace Bell Professor of Biological Chemistry, Department of Biological Chemistry, UC Irvine

Robert L. Nussbaum (IOM)
Holly Smith Professor of Medicine
Chief, Division of Medical Genetics, UC San Francisco

Donald Olander (NAE)
James Fife Chair in Engineering, Emeritus
Professor, Graduate School
Professor Emeritus, Nuclear Engineering, UC Berkeley

Jerrold Olefsky (IOM)
Distinguished Professor of Medicine
Associate Dean for Scientific Affairs, School of Medicine, UC San Diego

José Nelson Onuchic (NAS)
Professor and Co-Director, Center for Theoretical Biological Physics (CTBP)
Professor, Department of Physics, UC San Diego

Stanley Osher (NAS)
Professor, Departments of Mathematics, Computer Science, and Electrical Engineering, UCLA
Director of Special Projects, Institute for Pure and Applied Mathematics, UCLA

Larry E. Overman (NAS)
Distinguished Professor, Department of Chemistry, UC Irvine

David A. Patterson (NAE, NAS)
Pardee Professor, Department of Electrical Engineering and Computer Science
Director, Reliable Adaptive Distributed Computing Laboratory
Director, Parallel Computing Laboratory, UC Berkeley
Stanton J. Peale (NAS)
Professor Emeritus and Research Professor, Department of Physics, UC Santa Barbara

Saul Perlmutter (NAS)
Professor, Department of Physics, UC Berkeley

Linda Petzold (NAE)
Professor, Department of Computer Science and Department of Mechanical Engineering, UC Santa Barbara

Karl S. Pister (NAE)
Dean and Professor Emeritus, UC Berkeley
Chancellor Emeritus, UC Santa Cruz

P. Buford Price (NAS)
Professor, Graduate School, UC Berkeley

Louis J. Ptáček (IOM)
Investigator, Howard Hughes Medical Institute
Coleman Distinguished Professor of Neurology
Director, Division of Neurogenetics, UC San Francisco

Stanley B. Prusiner (IOM, NAS, Nobel Laureate)
Professor, Department of Neurology
Director, Institute for Nondegenerative Diseases, UC San Francisco

Peter H. Quail (NAS)
Professor, Department of Plant and Microbial Biology
Director of Research, Plant Gene Expression Center, UC Berkeley

Yahya Rahmat-Samii (NAE)
Distinguished Professor, Northrup-Grumman Chair in Electromagnetics, Department of Electrical Engineering, UCLA

Alexander S. Raikhel (NAS)
Distinguished Professor, Department of Entomology, UC Riverside

Marina Ratner (NAS)
Professor, Department of Mathematics, UC Berkeley

Arthur L. Reingold (IOM)
Professor and Division Head, School of Public Health, UC Berkeley

David L. Rimoin (IOM)
Director, Medical Genetics Institute, Cedars-Sinai Medical Center
Professor, Departments of Pediatrics, Medicine, and Human Genetics, David Geffen School of Medicine, UCLA

Jasper Rine (NAS)
Professor, Department of Molecular and Cell Biology
Director, Center for Computational Biology, UC Berkeley

John Roth (NAS)
Distinguished Professor, Department of Microbiology, UC Davis

Donald G. Saari (NAS)
Distinguished Professor, Departments of Economics and Mathematics
Director, Institute for Mathematical Behavioral Sciences, UC Irvine

Jerome L. Sackman (NAE)
Professor Emeritus, Department of Civil and Environmental Engineering, UC Berkeley

Robert F. Sawyer (NAE)
Class of 1935 Professor of Energy Emeritus, Department of Mechanical Engineering, UC Berkeley

Randy Scheckman (NAS)
Professor, Department of Molecular and Cell Biology, UC Berkeley
Investigator, Howard Hughes Medical Institute
Editor-in-Chief, Proceedings of the NAS

Geert W. Schmid-Schoenbein (NAE)
Distinguished Professor
Bioengineer, Department of Bioengineering and Medicine, UC San Diego

Gerald Schubert (NAS)
Distinguished Professor of Geophysics and Planetary Physics, Department of Earth and Space Sciences and Institute of Geophysics and Planetary Physics, UCLA

James A. Sethian (NAE)
Professor, Department of Mathematics
Director, Center for Pure and Applied Mathematics, UC Berkeley
Head, Mathematics Department, Lawrence Berkeley National Laboratory

S. Jonathan Singer (NAS)
University Professor Emeritus
Professor Emeritus of Biology, UC San Diego

Robert Sinsheimer (NAS)
Professor Emeritus of Biology, UC Santa Barbara
Chancellor Emeritus, UC Santa Cruz
William A. Sirignano (NAE)
Professor of Mechanical and Aerospace Engineering
Henry Samueli Endowed Chair in Engineering, UC Irvine

Soroosh Sorooshian (NAE)
Distinguished Professor, Department of Civil and Environmental Engineering
Director, Center for Hydrometeorology and Remote Sensing (CHRS), UC Irvine

Hyron Spinrad (NAS)
Professor, Department of Astronomy and Astrophysics, UC Berkeley

Larry R. Squire (NAS, IOM)
Professor of Psychiatry, Neurosciences, and Psychology, UC San Diego

Kirk R. Smith (NAS)
Professor of Global Environmental Health, School of Public Health, UC Berkeley

Judith Stern (IOM)
Distinguished Professor, Departments of Nutrition and Internal Medicine, UC Davis

Shelley E. Taylor (IOM, NAS)
Distinguished Professor, Department of Psychology, UCLA

Matthew Tirrell (NAE)
Richard A. Auhil Professor and Emeritus Dean, College of Engineering, UC Santa Barbara

Waldo Tobler (NAS)
Professor Emeritus, Department of Geography, UC Santa Barbara

George H. Trilling (NAS)
Professor Emeritus, Department of Physics, UC Berkeley

J. Anthony Tyson (NAS)
Professor, Department of Physics and Astronomy, UC Davis

Pravin Varaiya (NAS)
Professor, Department of Electrical Engineering and Computer Science, UC Berkeley

James W. Valentine (NAS)
Professor Emeritus, Department of Integrative Biology, UC Berkeley

Joan Selverstone Valentine (NAS)
Professor, Department of Chemistry and Biochemistry, UCLA
Ajit P. Varki (IOM)
Distinguished Professor of Medicine and Cellular and Molecular Medicine
Co-Director, Center for Academic Research and Training in Anthropogeny (CARTA)
Co-Director, Glycobiology Research and Training Center
Associate Dean for Physician-Scientist Training, UC San Diego

Alberto Sangiovanni Vincentelli (NAE)
Edgar L. and Harold H. Buttner Chair, Department of Electrical Engineering and Computer Science, UC Berkeley

Kenneth W. Wachter (NAS)
Professor, Departments of Demography and Statistics, UC Berkeley

Peter Walter (NAS)
Professor of Biochemistry, UC San Francisco
Investigator, Howard Hughes Medical Institute

James A. Wells (IOM)
Professor and Chair, Department of Pharmaceutical Chemistry
Professor, Department of Cellular and Molecular Pharmacology, UC San Francisco

Arthur Weiss (IOM)
Ephraim P. Engleman Distinguished Professor
Chief, Division of Rheumatology, Department of Medicine, UC San Francisco
Howard Hughes Medical Investigator

Jonathan Weissman (IOM)
Professor, Howard Hughes Medical Institute, UC San Francisco

Michael Witherell (NAS)
Professor, Department of Physics, UC Santa Barbara

Jack Keil Wolf (NAE)
Professor, Department of Electrical and Computer Engineering, UC San Diego

Stanford E. Woosley (NAS)
Professor, Department of Astronomy and Astrophysics, UC Santa Cruz

William W-G. Yeh (NAE)
Distinguished Professor, Department of Civil and Environmental Engineering, UCLA

T. Yilma (NAS)
Distinguished Professor of Virology
Director, International Lab of Molecular Biology, UC Davis

Patricia Zambranski (NAS)
Professor, Department of Plant and Microbial Biology, UC Berkeley

Bruno Zumino (NAS)
Professor, Department of Physics, UC Berkeley

Cc: University of California President Mark Yudof
    Speaker Karen Bass
    Assembly Minority Leader Sam Blakeslee
    Assembly Member Noreen Evans
    Assembly Member Connie Conway
    Assembly Member Kevin de Leon
    Assembly Member Jim Nielsen
    Assembly Member Anthony Portantino
    President Pro Tem Senator Darrell Steinberg
    Minority Leader Senator Dennis Hollingsworth
    Senator Denise Ducheny
    Senator Robert Dutton
    Senator Abel Maldonado
    Senator Mark Leno
    Senator Mimi Walters
    Senator Gloria Romero
    Senator Robert Huff