PURPOSE STATEMENT

UNIVERSITY OF CALIFORNIA PRESIDENT’S COUNCIL
ON THE NATIONAL LABORATORIES

The University of California President’s Council on the National Laboratories ("The Council") is advisory to the President. It was established in order to enhance the effectiveness with which the University discharges the overall responsibilities under its contracts with the Department of Energy (DOE) for operation of the Lawrence Berkeley National Laboratory (LBNL), Lawrence Livermore National Laboratory (LLNL), and Los Alamos National Laboratory (LANL). The Council advises the President on all matters related to the management and operation of these three Laboratories. In performing its work, the Council has significant direct interaction with the Directors of the Laboratories, which enables them to have the opportunity to call upon the scientific and managerial expertise of the Council as a whole and that of its individual members.

The primary objective of the Council is to foster the Laboratories’ scientific quality, vitality, and relevance to the nation, now and into the future. In keeping with the expectations of the University of California, the Council upholds the principle that the Laboratories should be held to the highest standards of excellence, in terms of their scientific and technological quality, contribution to the needs of the nation, adherence to sound business practices, and fulfillment of the public trust that enables them to operate.

Further, in keeping with the University’s academic principles, the Council assesses whether the scientific and engineering personnel at the Laboratories enjoy an atmosphere where freedom of expression and free exchange of ideas and information are encouraged, albeit subject to the limitations imposed by national security and technology transfer agreements. The Council also monitors the fostering of cooperative endeavors in research, teaching, and public service among the Laboratories, the balance of the University, and the broader national community.
Operations and Organization Statement

University of California President’s Council on the National Laboratories

To fulfill its responsibilities as outlined in the purpose statement, the Council reviews and advises on the extent to which:

- the programmatic missions of the Laboratories are being effectively addressed;
- the core competencies of the Laboratories are being maintained and nurtured;
- an atmosphere conducive to scientific inquiry and development of new knowledge is being maintained and fostered;
- operational and administrative functions are efficient, effective and supportive of the programmatic missions; and
- planning for the future vitality of the Laboratories in the performance of their missions is being effectively pursued.

These reviews are performed by the Council as a body, or by its various constituent Panels, as appropriate.

The Council meets as a whole three times a year, once at each of the three Laboratories. To further conduct its work, the Council has formed five Panels, two of which address the programmatic missions of the Laboratories, and three of which review functional aspects of Laboratory operations. These Panels are advisory to the Council and are chaired by a member of the Council. The chair reports the findings and recommendations of the individual Panels to the Council, which integrates the various Panel recommendations and determines the content of the final recommendations transmitted to the UC President. While the content of the final recommendations to the UC President is the prerogative of the Council, the deliberations and findings of the individual Panels provide valuable assessment and input to the Laboratory Directors.

Panels to address programmatic missions

- The underlying programmatic mission of all three Laboratories is to conduct science and technology (S&T) that is of the highest quality and that is in the national interest. To monitor and assist with this mission, the Council has established a Science and Technology Panel. This Panel reviews and assesses the quality of the scientific and technological work at the Laboratories, and
reviews initiatives and programs as they develop and are implemented. The contracts between the University and the DOE require the University to perform an annual performance evaluation of the management and major programs at the Laboratories. The Council, through its S&T Panel, assists the University in these evaluations and prepares an annual written report of its findings and recommendations regarding this assessment.

- The fundamental mission of LANL and LLNL is that of national security. The Council has established its National Security Panel to provide review and guidance to the University in this vital area. This Panel of experts provides advice and help to the Laboratory Directors in dealing with the technical and operational issues encountered in this complex and challenging effort.

Panels to address functional activities

The Laboratories’ operations and administrative activities support the programmatic mission and thus must function effectively and efficiently. As one example, the Laboratories’ franchise to operate is contingent on the public’s confidence that operations will be conducted in a manner protective of the health and safety of the workers, the public, and the environment. These operational or functional activities are matrixed across and through the programmatic or mission tasks at the Laboratories. Accordingly, the Council has established three Panels that review and advise on certain of these activities.

- The Environment, Safety, and Health (ES&H) Panel reviews that the Laboratories’ policies and methods ensure the safety and health of the workers and the general public and the protection of the environment, and to achieve compliance with applicable legislative and regulatory requirements in the ES&H area.

- The Laboratory Security Panel (LSP) reviews the policies and procedures that the Laboratories are developing and implementing to enhance protection of assets subject to DOE or other mandated safeguards and security measures, including special nuclear material, classified parts and information.

- The Project Management Panel (PMP) assesses that the Laboratories’ management systems, conduct, and staff of major construction projects ensure that they are being effectively managed, reviewed, and implemented.

###
William L. Friend, Chair  
Retired Executive Vice President  
Bechtel Group, Inc.

John F. Ahearne  
Director, Sigma Xi Center  
Duke University

Lew Allen  
Former Director  
Jet Propulsion Laboratory

Thomas A. Brooks  
Retired Rear Admiral, Director of Naval Intelligence  
Retired President, AT&T Technical Services Company

Albert Carnesale  
Chancellor  
University of California, Los Angeles

Robert C. Dynes  
Chancellor  
Professor of Physics  
University of California, San Diego

William R. Frazer  
Professor Emeritus  
University of California, Berkeley

Andrew J. Goodpaster  
Retired General

Ramon A. Gutierrez  
Professor, Ethnic Studies Department  
University of California, San Diego

William Happer  
Professor, Department of Physics  
Princeton University

Randy Katz  
Professor  
Electrical Engineering & Computer Science  
University of California, Berkeley

Steven E. Koonin  
Vice President and Provost  
Physics, Mathematics, and Astronomy  
California Institute of Technology

Barbara J. Meyer  
Investigator  
Howard Hughes Medical Institute  
Professor  
Department of Molecular and Cell Biology  
University of California, Berkeley

Thomas A. Page  
Retired Chairman and Chief Executive Officer  
San Diego Gas & Electric

Melvin I. Simon  
Anne P. and Benjamin F. Biaggini Professor of Biological Sciences  
California Institute of Technology

Edward C. Stone  
Director, Jet Propulsion Laboratory

Roger Strelow  
Director  
Environment, Health & Safety  
Federal-Mogul Corporation

Rochus E. Vogt  
Professor of Physics  
California Institute of Technology

Herbert F. York  
Director Emeritus,  
Institute on Global Conflict and Cooperation  
University of California, San Diego
EX OFFICIO

Henry Abarbanel
Vice Chair, UCORP
Professor of Physics
University of California, San Diego

John C. Browne
Director
Los Alamos National Laboratory

Lawrence B. Coleman
Chair, Academic Council
University of California, Office of the President
Professor, Physics Department
University of California, Davis

Michael Cowan
Vice Chair, Academic Council
University of California, Office of the President
Professor, American Studies & Literature
University of California, Santa Cruz

James E. Holst
General Counsel of the Regents
University of California, Office of the President

V. Wayne Kennedy
Senior Associate to the President
University of California, Office of the President

C. Judson King
Provost and Senior Vice President
Academic Affairs
University of California, Office of the President

Rulon K. Linford
Associate Vice Provost for Research
University of California, Office of the President

Joseph P. Mullinix
Senior Vice President, Business and Finance
University of California, Office of the President

Charles V. Shank
Director
Lawrence Berkeley National Laboratory

Robert N. Shelton
Vice Provost for Research
University of California, Office of the President

C. Bruce Tarter
Director
Lawrence Livermore National Laboratory

Robert Van Ness
Assistant Vice President
Laboratory Administration
University of California, Office of the President

Chand R. Viswanathan
Vice Chair, Academic Council
Professor, Electrical Engineering
University of California, Los Angeles
SCIENCE AND TECHNOLOGY PANEL
of the President’s Council on the National Laboratories

Rochus E. Vogt, Chair
Professor of Physics
California Institute of Technology

Henry D. Abarbanel
Vice Chair, UCORP
Professor of Physics
University of California, San Diego

John F. Ahearne
Director, Ethics Program
Sigma Xi Center
Duke University

John E. Bercaw
Centennial Professor of Chemistry
California Institute of Technology

Lawrence B. Coleman
Former Chair, Academic Council
Professor, Physics Department
University of California, Davis

Robert C. Dynes
Chancellor
University of California, San Diego

Paul Fleury
Dean, School of Engineering
University of New Mexico

William R. Frazer
Professor Emeritus, Physics
University of California, Berkeley

John C. Hemminger
Professor of Chemistry
University of California, Irvine

Sidney Karin
Director, National Partnership for Advanced Computational Infrastructure
San Diego Supercomputer Center
Professor, Computer Science & Engineering
University of California, San Diego

Randy Katz
Professor
Electrical Engineering and Computer Sciences
University of California, Berkeley

Steven E. Koonin
Vice President and Provost
California Institute of Technology

Barbara Meyer
Investigator, Howard Hughes Medical Institute
Professor, Division of Genetics & Development
University of California, Berkeley

Jean-Bernard Minster
Professor, Institute of Geophysics and Planetary Physics
Scripps Institution of Oceanography

Melvin I. Simon
Anne P. and Benjamin F. Biaggini Professor of Biological Sciences
California Institute of Technology

Matthew Tirrell
Dean, College of Engineering
Professor, Chemical Engineering
University of California, Santa Barbara

Chand R. Viswanathan
Vice Chair, Academic Council
Professor, Electrical Engineering
University of California, Los Angeles

Herbert F. York
Director Emeritus
Institute of Global Conflict and Cooperation
University of California, San Diego

###
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Institution/University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steven E. Koonin, Chair</td>
<td>Vice President and Provost</td>
<td>California Institute of Technology</td>
</tr>
<tr>
<td>John F. Ahearne</td>
<td>Director, Ethics Program</td>
<td>Sigma Xi Center, Duke University</td>
</tr>
<tr>
<td>Lew Allen</td>
<td>Former Director</td>
<td>Jet Propulsion Laboratory</td>
</tr>
<tr>
<td>John Browne</td>
<td>Director</td>
<td>Los Alamos National Laboratory</td>
</tr>
<tr>
<td>Albert Carnesale</td>
<td>Chancellor</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>Lawrence B. Coleman</td>
<td>Former Chair, Academic Council, Professor of Physics</td>
<td>University of California, Davis</td>
</tr>
<tr>
<td>Michael Cowan</td>
<td>Vice Chair, Academic Council, Professor of Physics</td>
<td>University of California, Santa Cruz</td>
</tr>
<tr>
<td>Robert C. Dynes</td>
<td>Chancellor, Professor of Physics</td>
<td>University of California, San Diego</td>
</tr>
<tr>
<td>Douglas Eardley</td>
<td>Professor of Physics</td>
<td>University of California, Santa Barbara</td>
</tr>
<tr>
<td>William R. Frazer</td>
<td>Professor Emeritus, Physics</td>
<td>University of California, Berkeley</td>
</tr>
<tr>
<td>Andrew J. Goodpaster</td>
<td>Retired General</td>
<td></td>
</tr>
<tr>
<td>William Happer</td>
<td>Professor, Department of Physics</td>
<td>Princeton University</td>
</tr>
<tr>
<td>John C. Hemminger</td>
<td>Department of Chemistry</td>
<td>University of California, Irvine</td>
</tr>
<tr>
<td>M. Staser Holcomb</td>
<td>Retired Admiral, Retired Executive Vice President, United Services</td>
<td>Insurance Company</td>
</tr>
<tr>
<td>Raymond Jeanloz</td>
<td>Professor of Geology/Geophysics</td>
<td>University of California, Berkeley</td>
</tr>
<tr>
<td>Robert Peurifoy</td>
<td>Consultant, Former Senior Manager, Sandia National Laboratories</td>
<td></td>
</tr>
<tr>
<td>Daniel L. Simmons</td>
<td>Professor, School of Law</td>
<td>University of California, Davis</td>
</tr>
<tr>
<td>C. Bruce Tarter</td>
<td>Director</td>
<td>Lawrence Livermore National Laboratory</td>
</tr>
<tr>
<td>Rochus E. Vogt</td>
<td>Professor of Physics</td>
<td>California Institute of Technology</td>
</tr>
<tr>
<td>Jasper A. Welch, Jr.</td>
<td>Retired Major General; Retired Defense Policy Coordinator, National Security Council</td>
<td></td>
</tr>
<tr>
<td>Robert H. Wertheim</td>
<td>Retired Admiral</td>
<td></td>
</tr>
<tr>
<td>Ellen Williams</td>
<td>Professor of Physics</td>
<td>University of Maryland</td>
</tr>
<tr>
<td>Herbert F. York</td>
<td>Director Emeritus, Institute of Global Conflict and Cooperation</td>
<td>University of California, San Diego</td>
</tr>
<tr>
<td>Herbert F. York</td>
<td>Director Emeritus, Institute of Global Conflict and Cooperation</td>
<td></td>
</tr>
</tbody>
</table>

###
Thomas A. Brooks, Chair  
Retired Rear Admiral, Director  
of Naval Intelligence  
Retired President, AT&T Technical  
Services Company

John F. Ahearne  
Director, Ethics Program, Sigma Xi Center  
Duke University

Lawrence B. Coleman  
Professor of Physics  
Department of Physics  
University of California, Davis

Jim Geer  
Director, Corporate Security, DuPont Company  
Retired Assistant Director, FBI

Ramon A. Gutierrez  
Professor, Ethnic  
University of California, San Diego

Jeffrey M. Jaffe  
Vice President, Advance Technologies  
Bell Laboratories, Lucent Technologies

Richard Kerr  
Retired President, SASA  
Former Deputy Director, CIA

Sumner Shapiro  
President, The Sumner Group  
Former Vice President for Advanced Planning,  
BDM International  
Retired Rear Admiral, U.S. Navy

Daniel L. Simmons  
Professor, School of Law  
University of California, Davis

William Y. Smith  
Retired General, USAF

Nina Stewart  
Partner, Harrison & Associates  
Former Executive Assistant to Director of CIA  
Deputy Assistant Secretary of Defense for  
Counterintelligence  
and Security Countermeasures

Francis Sullivan  
Director, IDA Center for Computing Sciences
William L. Friend, Acting Chair
Retired Executive Vice President
Bechtel Group, Inc.

John Casani
Retired Chief Engineer
Jet Propulsion Laboratory

Philip R. Clark, Sr.
Retired, President & CEO
GPU Nuclear Corporation

Frank P. Crimi
Retired, Vice President
Lockheed Martin Advanced Environmental Systems Company

William R. Frazer
Professor Emeritus, Physics
University of California, Berkeley

Paul H. Gilbert
Senior Vice President
Parsons Brinckerhoff Quade & Douglas

Hermann Grunder
Director
Thomas Jefferson Laboratory

Michael Hart
Senior Vice President
Duke Engineering & Services, Inc.

Ed Keen
Former Partner and Vice President, Bechtel
Director of Bechtel National, Inc.

Kenneth Pickar
J. Stanley Johnson Professor
Visiting Professor of Mechanical Engineering
California Institute of Technology

Rochus E. Vogt
Professor of Physics
California Institute of Technology

###
Roger Strelow, J.D.
Director, Environmental, Health & Safety
Federal-Mogul Corporation

Thomas A. Page
Retired, Chairman & Chief Executive Officer
San Diego Gas & Electric

Thomas F. Gesell, Ph.D.
Director of Technical Safety
Idaho State University
Department of Physics

Daniel Simmons, J.D.
Professor of Law
University of California Davis

LeRoy Balzer, Ph.D.
Retired, Assistant Clinical Professor
University of California, San Francisco

Jim Smathers, Ph.D.
Professor, Radiation Oncology
University of California Los Angeles

Joan M Gibson, Ph.D.
Director
UNM Health Sciences Ethics Program
Cancer Research & Treatment Center
University of New Mexico

Peter H. Wald, M.D., M.P.H.
Medical Director
WorkCare Medical Group, Inc.

Chand R. Viswanathan
Vice Chair, Academic Council – (00-01)
University of California

Michael Cowan
Vice Chair (99-00)
University of California Academic Council

Ramon Gutierrez, Ph.D.
Professor of Ethnic Studies
University of California, San Diego

Aimée Dorr, Ph.D.
Graduate School of Education and Information Studies
UCLA

Robert Jay Harrison, M.D., M.P.H.
Associate Clinical Professor
University of California, San Francisco

Jeremiah Lynch
Retired, Exxon Chemical Co.

Version: October'00