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Walter L. Weissman, Vice Chairman
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Paul C. Jennings, Provost
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  Vice President for Business and Finance
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  Vice President for Development and Alumni Relations
Charles Elachi
  Vice President and Director, Jet Propulsion Laboratory
Margo Post Marshak
  Vice President for Student Affairs
Robert L. O’Rourke
  Vice President for Public Relations
Mary L. Webster
  Secretary
Harry M. Yohalem
  General Counsel

William H. Davidow (1996)
  General Partner
  Mohr Davidow Ventures
John D. Diekmann (2003)
  Founder and Managing Partner
  SAM Ventures
Louette M. Dyer (1998)
  Chairman and CEO (Retired)
  Ionics, Inc.
William T. Gross (1994)
  Chairman and Founder
  ideaseek!
David D. Ho (1997)
  Director
  The Aaron Diamond AIDS Research Center
Louise Kirkbride (1995)
Kent Kresa (1994)
  Chairman Emeritus
  Northrop Grumman Corporation
Edward M. Lambert (1996)
  President and CEO
  Wise Foods, Inc.
David Li Lee (2000)
  Managing General Partner
  Clarity Partners, L.P
York Liao (1997)
  Managing Director
  Winbridge Company Ltd.
Alexander Lidow (1998)
  Chief Executive Officer
  International Rectifier Corporation
Ronald K. Linde (1989)
  Independent Investor and Chairman of the Board
  The Ronald and Maxine Linde Foundation
A. Michael Lipper (2005)
  President and CEO
  Lipper Advisory Services, Inc.
John W. Mack (2004)
  President
  Los Angeles Urban League
Shirley M. Malcolm (1999)
  Director, Education and Human Resource Programs
  American Association for the Advancement of Science
  Principal
  Regulus International Capital Corp.
Peter W. Mullin (1990)
  Chairman and CEO
  Mullin Consulting, Inc.

BOARD OF TRUSTEES

Trustees
(with date of first election)

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  Chairman and CEO
  Arnel and Affiliates
David Baltimore (1997)
  President
  California Institute of Technology
Gordon M. Binder (1995)
  Managing Director
  Coastsides Capital
Paul A. Brest (2003)
  President
  The William and Flora Hewlett Foundation
John E. Bryson (2005)
  Chairman, President and CEO
  Edcon International
Milton Chang (2005)
  Managing Director
  Incubic LLC

Section Six

Trustees, Administration, Faculty
### Senior Trustees

<table>
<thead>
<tr>
<th>Name</th>
<th>Date of First Election</th>
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<tr>
<td>Philip M. Neal</td>
<td>2001</td>
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<td>Ronald L. Olson</td>
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<td>Lewis W. van Amerongen</td>
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<td>Gayle E. Wilson</td>
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<td>Philip M. Neches</td>
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<td>Donald L. Bren</td>
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<td>Albert D. Wheelon</td>
<td>1987</td>
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<tr>
<td>Charles H. Townes</td>
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<tr>
<td>John Puerner</td>
<td>2004</td>
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<tr>
<td>Sally Kristen Ride</td>
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<td>William F. Kieschnick</td>
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<td>Bobby R. Inman</td>
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<td>Camilla C. Frost</td>
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<td>Walter W. Tang</td>
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<td>Richard P. Cooley</td>
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<td>Marc I. Stern</td>
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<tr>
<td>TCW Group, Inc.</td>
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<tr>
<td>Donald W. Tang</td>
<td>2005</td>
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<tr>
<td>Senior Managing Director</td>
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<td>Bear Stearns and Company</td>
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<td>Charles R. Trimble</td>
<td>2002</td>
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<tr>
<td>Co-Founder</td>
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<td>Trimble Navigation, Ltd.</td>
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<td>Lewis W. van Amerongen</td>
<td>2004</td>
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<tr>
<td>LCA Enterprises Inc.</td>
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<tr>
<td>Walter L. Weisman</td>
<td>1988</td>
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<tr>
<td>Former Chairman and CEO</td>
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<tr>
<td>American Medical International, Inc.</td>
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<tr>
<td>Virginia W. Weldon</td>
<td>1996</td>
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<tr>
<td>Senior Vice President for Public Policy (Retired)</td>
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<tr>
<td>Monsanto Company</td>
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<td>1995</td>
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<tr>
<td>Nonprofit Consultant</td>
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<tr>
<td>Henry C. Yuen</td>
<td></td>
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<tr>
<td>President of Directors</td>
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<tr>
<td>Gemstar-TV Guide International, Inc.</td>
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### Life Trustees

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<th>Name</th>
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<tr>
<td>Robert Anderson</td>
<td>1975</td>
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<td>Robert O. Anderson</td>
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<tr>
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<td>Camilla C. Frost</td>
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<td>Shirley M. Hufstader</td>
<td>1975</td>
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<td>Sidney R. Petersen</td>
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<td>Richard M. Rosenberg</td>
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</tbody>
</table>

### Standing Committees


* Ex officio member
Executive Compensation
Subcommittee—A. Lidow, Chair; K. Kresa*, D.L. Lee*, P.M. Neches, W.L. Weisman; Advisory Member: D. Baltimore

Institute and Alumni Relations


Transaction Review Subcommittee—P.M. Neches, Chair; L. Kirkbride, A. Lidow, R.K. Linde, R.L. Olson; Advisory Member: H.M. Yohalem

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Thomas W. Schmitt
Associate Vice President for Human Resources
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Secretary, Board of Trustees
Harry M. Yohalem
General Counsel

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David A. Tirrell
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David B. Rutledge
Engineering and Applied Science
Kenneth A. Farley
Geological and Planetary Sciences
Jean E. Ensinger
Humanities and Social Sciences
Thomas A. Tombrello
Physics, Mathematics and Astronomy

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Hall P. Daily
Assistant Vice President for Government and Community Relations

Gary Dicovitsky
Vice President for Development and Alumni Relations

Charles Elachi
Vice President and Director, Jet Propulsion Laboratory

Sandra Ell
Treasurer and Chief Investment Officer

David L. Goodstein
Vice Provost

Margo Post Marshak
Vice President for Student Affairs

---

* ex officio member
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Administrative Management
Council (AMC)—D. Baltimore, Chair; D.W. Currie, G. Dicovitsky, C. Elachi, P.C. Jennings, M.P. Marshak, J.S. O’Rourke, M.L. Webster, H.M. Yohalem


Institute Academic Council (IACC)—P.C. Jennings, Chair; D. Baltimore, J.E. Ensminger, K.A. Farley, E.M. Meyerowitz, D.B. Rutledge, D.A. Tirrell, T.A. Tombrello


Radiation Safety (Reports to the Vice President for Business and Finance)—D.S. Burnett, Chair; A. Astrakhi, H. Issaiian, W.L. Johnson, R.W. Kavanagh, A. Kunmagi, C. Scislowicz*

Sponsored Research (Reports to the Vice Provost)—B.V. McCoy, Chair; T.H. Heaton, J.O. Ledyard, P.H. Patterson, N.C. Yeh


Performing and Creative Arts (Reports to the Vice President for Student Affairs)—S.C. Frautschki, Chair; P.D. Asimow, J. Barry, D.L. Denning, P.T. Hoffman, J. La Belle, S.A. Marneus, D. Nelson Nash, J.H. Richards, J.D. Roberts, T. Varuthungkul*

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Vice Chair: J. L. Campbell
Secretary: D. B. Wales

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R. A. Andersen, 2008
J. F. Brady, 2006
S. M. Haile, 2008
T. H. Heaton, 2007
L. Hillenbrand, 2006
Y. T. Hou, 2006
J. L. Kirschvink, 2008
J. La Belle, 2009
K. G. Libbrecht, 2008
G. A. Lorden, 2006
S. L. Mayo, 2006
P. H. Patterson, 2007
C. R. Plot, 2006
J. H. Seinfeld, 2008
B. M. Stoltz, 2007
C. Weinstein, 2007
K. G. Zinn, 2007

Ex Officers:
D. Baltimore
J. E. Ensminger
K. A. Farley
J. F. Hall
M. R. Hoffmann
P. C. Jennings
M. P. Marshak
E. M. Meyerowitz
D. B. Rutledge
D. A. Tirrell
T. A. Tombrello

Steering
H. A. Lester, Chair
J. L. Campbell*
D. L. Goodstein*
P. C. Jennings*
D. B. Wales*
C. A. Weinstein, 2006

*ex officio member

1representing graduate students

2representing undergraduate students

*ex officio member

1representing graduate students

2representing undergraduate students

*ex officio member
Division of Biology

Elliot M. Meyerowitz, Chair
Pamela Bjorkman, Executive Officer for Biology
Erin M. Schuman, Executive Officer for Neurobiology

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John N. Abelson, Ph.D.
George Beadle Professor of Biology
Seymour Benzer, Ph.D., D.Sc.h.c.,
Crafoord Laureate
James G. Burzelli Professor of Neuroscience (active)
Charles J. Brokaw, Ph.D.

John J. Hopfield, Ph.D.
Rusco C. Dickinson Professor of Chemistry and Biology

Ray D. Owen, Ph.D., Sc.D.h.c.

Melvin E. Simon, Ph.D.
Anne P. and Benjamin F. Biaggini
Professor of Biological Sciences

Senior Research Associate Emeritus

Roy J. Britten, Ph.D.
Distinguished Carnegie Senior Research Associate in Biology, Emeritus

Professors

John M. Allman, Ph.D.
Frank P. Hixon Professor of Neurobiology
Richard A. Andersen, Ph.D.
James G. Burzelli Professor of Neuroscience
David J. Anderson, Ph.D.
Roger W. Sperry Professor of Biology
Giuseppe Attardi, M.D.
Grace C. Steele Professor of Molecular Biology
David Baltimore, Ph.D., D.Sc.h.c.,
D.Phil.h.c., Nobel Laureate
Biology
Pamela Bjorkman, Ph.D.1
Max Delbruck Professor of Biology
Marianne Bronner-Fraser, Ph.D.
Albert Billings Ruddock Professor of Biology
Judith L. Campbell, Ph.D.
Chemistry and Biology
Eric H. Davidson, Ph.D.
Norman Chandler Professor of Cell Biology
Raymond Deshaies, Ph.D.1
Biology
Michael H. Dickinson, Ph.D.
Esther M. and Abe M. Zarem
Professor of Bioengineering
William G. Dunphy, Ph.D.
Biology
Scott E. Fraser, Ph.D.
Anna L. Rosen Professor of Biology
and Professor of Bioengineering
Mary B. Kennedy, Ph.D.
Allen and Lenabelle Davis
Professor of Biology
Christof Koch, Ph.D.
Luis and Victor Treadwell Professor
of Cognitive and Behavioral
Biology and Professor of
Computation and Neural Systems
Masakazu Konishi, Ph.D.
Bing Professor of Behavioral
Biology
Gilles J. Laurent, Ph.D., D.V.M.
Lawrence A. Hanson Jr. Professor
of Biology and Computation and
Neural Systems
Henry A. Lester, Ph.D.
Bren Professor of Biology
Stephen L. Mayo, Ph.D.1
Biology and Chemistry
Elliot M. Meyerowitz, Ph.D.
George W. Beadle Professor of
Biology
Paul H. Patterson, Ph.D.
Biology
Jean-Paul Revel, Ph.D.2
Albert Billings Ruddock Professor
of Biology
Ellen Rothenberg, Ph.D.
Biology
Erin M. Schuman, Ph.D.1
Biology
Shinsuke Shimojo, Ph.D.
Biology
Paul W. Sternberg, Ph.D.1
Thomas Hunt Morgan Professor of
Biology
James H. Strauss, Ph.D.
Esther Wilson Beccles and Robert
Beccles Professor of Biology
Alexander J. Varshavsky, Ph.D.
Howard and Gein Laurie Smits
Professor of Cell Biology
Barbara J. Wold, Ph.D.
Bren Professor of Molecular
Biology
Kai Zinn, Ph.D.
Biology

1 Joint appointment with Howard Hughes Medical Institute
2 Undergraduate Student Adviser

Associate Professor

Bruce A. Hay, Ph.D.
Biology

Assistant Professors

Jose Alberola-Ila, M.D., Ph.D.
Biology
David C. Chan, M.D., Ph.D.
Biology
Bren Scholar
Michael Elowitz, Ph.D.
Biology and Applied Physics
Bren Scholar
Grant J. Jensen, Ph.D.
Biology
Athanassios G. Siapas, Ph.D.
Computation and Neural Systems
Bren Scholar
Angelica Stathopoulos, Ph.D.
Biology

Lecturers

David S. Koos, Ph.D.
Jane E. Mendel, Ph.D.
James R. Pierce, M.D.
Stewart Scherer, M.D.

Senior Research Associates

R. Andrew Cameron, Ph.D.
Anne Chomyn, Ph.D.
Iain D. C. Fraser, Ph.D.

Trustees, Administration, Faculty
Division of Chemistry and Chemical Engineering

David A. Tirrell, Chair
Mark E. Davis, Executive Officer for Chemical Engineering
Stephen L. Mayo, Executive Officer for Biochemistry and Molecular Biophysics
Douglas C. Rees, Executive Officer for Chemistry

Professors Emeriti

Fred C. Anson, Ph.D., D.h.c.
Elizabeth W. Gilloon Professor of Chemistry
John D. Baldeschwieler, Ph.D.
J. Stanley Johnson Professor and Professor of Chemistry
Sunney L. Chan, Ph.D.
George Grant Hoag Professor of Biophysical Chemistry
George R. Gavalas, Ph.D.
Chemical Engineering
John J. Hopfield, Ph.D.
Ruscoe G. Dickinson Professor of Chemistry and Biology
John D. Roberts, Ph.D., Dr.re.Nat.h.c., Sc.D.h.c., D.Sc.h.c.
Institute Professor of Chemistry
Nicholas W. Tschoegl, Ph.D.
Chemical Engineering

Senior Research Associates Emeriti

Richard E. Marsh, Ph.D.
Chemistry
William P. Schaefer, Ph.D.
Chemistry

Professors

Frances H. Arnold, Ph.D.
Dick and Barbara Dickinson Professor of Chemical Engineering and Biochemistry

Jacqueline K. Barton, Ph.D., D.Sc.h.c., D.L.h.c.
Arthur and Marian Hanisch Memorial Professor and Professor of Chemistry
Jesse L. Beauchamp, Ph.D.
Mary and Charles Ferkel Professor of Chemistry
John E. Bercaw, Ph.D.
Centennial Professor of Chemistry
Geoffrey A. Blake, Ph.D.
Cosmochemistry and Planetary Science and Chemistry
John F. Brady, Ph.D.
Chevron Professor of Chemical Engineering and Professor of Mechanical Engineering
Judith L. Campbell, Ph.D.
Chemistry and Biology
Mark E. Davis, Ph.D.
Warren and Katharine Schlinger Professor of Chemical Engineering
Peter B. Dervan, Ph.D., D.Sc.h.c.
Bren Professor of Chemistry
Dennis A. Dougherty, Ph.D.
George Grant Hoag Professor of Chemistry
Richard C. Flagan, Ph.D.
Irma and Ros McCollum–William H. Corcoran Professor of Chemical Engineering and Professor of Environmental Science and Engineering
William A. Goddard III, Ph.D.
Charles and Mary Ferkel Professor of Chemistry, Materials Science, and Applied Physics
Harry B. Gray, Ph.D., D.Sc.h.c., Laurea h.c., Fil.Dr.h.c., D.L.h.c.
Arnold O. Beckman Professor of Chemistry and Founding Director of the Beckman Institute
Robert H. Grubbs, Ph.D.
Victor and Elizabeth Atkins Professor of Chemistry
James R. Heath, Ph.D.
Elizabeth W. Gilloon Professor and Professor of Chemistry
Julia A. Kornfield, Ph.D.
Chemical Engineering
Aron Kuppermann, Ph.D.
Chemical Physics
Nathan S. Lewis, Ph.D.
George L. Argyros Professor and Professor of Chemistry
David W. C. MacMillan, Ph.D.
Earle C. Anthony Professor of Chemistry
Rudolph A. Marcus, Ph.D., D.Sc.h.c., Fil.Dr.h.c., D.h.c., Nobel Laureate
Arnold O. Beckman Professor of Chemistry
Stephen L. Mayo, Ph.D.
Biology and Chemistry
B. Vincent McKoy, Ph.D.
Theoretical Chemistry
Michio Okumura, Ph.D.
Chemical Physics
Carl S. Parker, Ph.D.
Chemistry
Douglas C. Rees, Ph.D.
Roscoe Gilkey Dickinson Professor of Chemistry
John H. Richards, Ph.D.
Organic Chemistry and Biochemistry
John H. Seinfeld, Ph.D., D.Sc.h.c.
Louis E. Nohl Professor and Professor of Chemical Engineering
David A. Tirrell, Ph.D., D.h.c.
Rus McCollum–William H. Corcoran Professor and Professor of Chemistry and Chemical Engineering
Zhen-Gang Wang, Ph.D.
Chemical Engineering
Ahmed H. Zewail, Ph.D., D.Sc.h.c., D.h.c., D.Univ.h.c., D.Phil.h.c., I.L.D.h.c., M.D.h.c., Nobel Laureate
Linus Pauling Professor of Chemical Physics and Professor of Physics

Joint appointment with Howard Hughes Medical Institute

Associate Professors

Konstantinos P. Giapis, Ph.D.
Chemical Engineering
Sossina M. Haile, Ph.D.
Materials Science and Chemical Engineering
Jonas C. Peters, Ph.D.
Chemistry
Daniel P. Weitekamp, Ph.D.
Chemical Physics
Assistant Professors
Anand R. Asthagiri, Ph.D.
Chemical Engineering
William M. Clemons, Ph.D.
Chemistry
Colin A. Collier, Ph.D.
Chemistry
Linda C. Hsiel-Wilson, Ph.D.
Chemistry
Shu-ou Shan, Ph.D.
Chemistry
Christina D. Smolke, Ph.D.
Chemical Engineering
Brian M. Stoltz, Ph.D.
Chemistry

Visiting Associates
Jan-Erling Backwall, Ph.D.
Chemical Engineering
Richard J. Bing, M.D., D.h.c., M.D.h.c.
Chemistry
Po-Yuan J. Cheng, Ph.D.
Chemistry
Junhan Cho, Ph.D.
Chemical Engineering
Ara Chutjian, Ph.D.
Chemistry
Stephen J. Forman, M.D.
Chemical Engineering
M. Michael Glossy, M.D.
Chemistry
Michael G. Hill, Ph.D.
Chemistry
Scott Habershon, Ph.D.
Chemistry
James E. House, Ph.D.
Chemical Engineering
James E. Howard, Ph.D.
Chemistry
Adam R. Johnson, Ph.D.
Chemistry
Keiko Kamonmori, Ph.D.
Chemistry
Anna Krylov, Ph.D.
Chemistry
Louis Yi Ku, Ph.D.
Chemistry
Ralf Langen, Ph.D.
Chemistry
Charles Y. Liu, M.D., Ph.D.
Chemical Engineering
Timothy E. Long, Ph.D.
Chemical Engineering
Craig T. Martin, Ph.D.
Chemistry
Daniel J. O’Leary, Ph.D.
Chemistry
Changmoon Park, Ph.D.
Chemistry
Richard L. Pederson, Ph.D.
Chemistry
Roy A. Periana, Ph.D.
Chemistry
Adrian Ponce
Chemistry
Brian D. Ross, Ph.D.
Chemistry
Lawrence C. Sowers, Ph.D.
Chemistry

Members of the Beckman Institute
Bruce S. Brunswig, Ph.D.
Chemistry
Jay R. Winkler, Ph.D.
Chemistry

Senior Postdoctoral Scholar
Choon Sup Lee, Ph.D.

Postdoctoral Scholars
Ravinder Abrol, Ph.D.
Chemistry
Jennifer L. Anthony, Ph.D.
Chemistry
Kate S. Ashton, Ph.D.
Chemistry
Baojun Bai, Ph.D.
Chemistry
Ryan C. Bailey, Ph.D.
Chemistry
Gregory L. Beutner, Ph.D.
Chemistry
Pratip K. Bhattacharya, Ph.D.
Chemistry
Nadine Bremer, Ph.D.
Chemistry
Jens G. Brunner, Ph.D.
Chemistry
Marian C. Bryan, Ph.D.
Chemistry
Markus J. Buehler, Ph.D.
Chemistry
Kathleen E. Campbell, Ph.D.
Chemistry
Jin-Yun Chen, Ph.D.
Chemistry
Jihong Cheng, Ph.D.
Chemistry
DeMichael Chung, Ph.D.
Chemistry
Stephen M. Contakes, Ph.D.
Chemistry
Andrei Deev, Ph.D.
Chemistry
Maria C. DeRosa, Ph.D.
Chemistry
Peter A. Doucette, Ph.D.
Chemistry
Christopher J. Douglas, Ph.D.
Chemistry
Michael D. Drake, Ph.D.
Chemistry
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