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Chairman
Nektar Therapeutics
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General Partner
Mohr Davidow Ventures
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Founder and Managing Partner
5AM Ventures
Lounette M. Dyer (1998)
Chairman and CEO
Jones, Inc.
William T. Gross (1994)
Chairman and Founder
Idealab
Frederick J. Hameetman (2006)
Chairman
American Group
David D. Ho (1997)
Director
The Aaron Diamond AIDS Research Center
Robert T. Jenkins (2005)
Chairman
State of California Contractors State License Board
Kent Kresa (1994)
Chairman Emeritus
Northrop Grumman Corporation
Jon B. Kutler (2005)
Chairman and CEO
Admiralty Partners, Inc.
David Li Lee (2000)
Managing General Partner
Clarity Partners, L.P.
York Liao (1997)
Managing Director
Winridge 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 Police Commission

Trustees
(with date of first election)

George L. Argyros (1992)
Chairman and CEO
Arnel and Affiliates
Gordon M. Binder (1995)
Managing Director
Courtview Capital
Paul A. Brest (2003)
President
The William and Flora Hewlett Foundation
John E. Bryson (2005)
Chairman and CEO
Edison International
Jean-Lou Chameau (2006)
President
California Institute of Technology
Milton Chang (2005)
Managing Director
Incubic Venture Capital
Trustees, Administration, Faculty

Shirley M. Malcolm (1999)
Director, Education and Human Resources Programs
American Association for the Advancement of Science
Principal
Robert International Capital Corp.

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Chairman
Mullin Consulting, Inc.

Philip M. Neches (1995)
Chairman
Foundation Ventures LLC

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Executive Chairman
Ciena Corporation

Peter F. Norton (2006)
President
Norton Family Foundation

Ronald L. Olson (1998)
Senior Partner
Munger, Tolles & Olson

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President and CEO (Retired)
Econolite Control Products, Inc.

Stewart A. Resnick (2005)
Chairman
Roll International Corp.

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Imaginary Lines, Inc., and Ingrid and Joseph Hibben Professor of Physics
University of California, San Diego

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Franco Modigliani Professor of Finance and Economics
Massachusetts Institute of Technology, and Chairman
Compensation Valuation, Inc.

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Capital Research and Management Company

President
TCW Group, Inc.

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Bear Stearns and Company

Founder and Former CEO
Trimble Navigation Ltd.

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Lava Enterprises Inc.

Walter L. Weisman (1988)
Former Chairman and CEO
American Medical International, Inc.

Virginia V. Weldon (1996)
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Monsanto Company

Nonprofit Consultant

Suzanne H. Woolley (2006)
Corporate Governance Consultant

Senior Trustees
(with date of first election and date of election as Senior Trustee)

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Atkins Company

G. Patricia Beckman (2003, 2005)
Community Leader

Eli Broad (1993, 2005)
Founder
The Broad Foundations

Harold Brown (1969, 1999)
President Emeritus
Center for Strategic and International Studies (CSIS)

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Treasurer
Sherman Fairchild Foundation, Inc.

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Homestake Mining Company

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Trustee of the Chandler Trust and a Director and Secretary-Treasurer
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Private Investor

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Chairman Emeritus
Intel Corporation

Chairman and CEO (Retired)
Gettys Oil Company

Private Investor

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Chairman and CEO (Retired)
Bank of America Corporation

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(with date of first election and date of election as Life Trustee)

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Chairman Emeritus
Rockwell International Corporation

Chairman and CEO (Retired)
Atlantic Richfield Company

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Bechtel Group, Inc.

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Imaginary Lines, Inc., and Ingrid and Joseph Hibben Professor of Physics
University of California, San Diego

Stewart A. Resnick (2005)
Chairman Emeritus
Roll International Corp.

Chairman Emeritus
Rockwell International Corporation

Robert Anderson (1975, 2002)
Chairman Emeritus
Rockwell International Corporation

Chairman and CEO (Retired)
Atlantic Richfield Company

Chairman Emeritus and Director
Bechtel Group, Inc.

Chairman of the Board
The Irvine Company

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California State University, Fullerton

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President
P.M. Hawley, Inc.

President and CEO (Retired)
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The World Bank

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Co-Founder & Director Emeritus
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Arthur Rock and Company

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Chairman Emeritus
Compaq Computer Corporation

Vice Chairman (Retired)
General Motors Corporation

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Nonprofit Consultant

Dennis Stanfill (1976, 1999)
Private Investor

Charles H. Townes (1979, 1987)
Nobel Laureate and Professor in the Graduate School Department of Physics
University of California, Berkeley

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Chairman and CEO (Retired)
The Garret Corporation

Albert D. Wheelon (1987, 2001)

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General Counsel

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Engineering and Applied Science

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Geological and Planetary Sciences

Peter Bossaerts
Humanities and Social Sciences

Thomas A. Tombrello
Physics, Mathematics and Astronomy

Jean-Lou Chameau
President
Administrative Committees


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Performing and Creative Arts (Reports to the Vice President for Student Affairs)—S.C. Frautschi, Chair; P.D. Asimov, J. Barry, D.L. Denning, P.T. Hoffman, J. La Belle, S.A. Marne, D. Nelson Nash, J.H. Richards, J.D. Roberts, T. Varuthbangkul†


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

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


*ex officio member
†representing graduate students
‡representing undergraduate students

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Officers
Chair: H. A. Lester
Vice Chair: J. L. Campbell
Secretary: D. B. Wales

Faculty Board
T. J. Ahrens, 2007
R. A. Andersen, 2008
K. C. Border, 2009
S. M. Haile, 2008
T. H. Heaton, 2007
J. L. Kirschvink, 2008
J. La Belle, 2008
K. G. Libbrecht, 2008
F.H. Patterson, 2007
J. C. Peters, 2009
H. D. Politzer, 2009
G. Ravichandran, 2009
J. H. Seinfeld, 2008
P. W. Sternberg, 2009
J. M. Stock, 2009
B. M. Stoltz, 2007
C. Weinstein, 2007
K. G. Zinn, 2007

Ex Officio:
P. Bossaerts
J.-L. Chameau
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

Trustees, Administration, Faculty
Academic Freedom and Tenure
A. Sargent, Chair
J. E. Bercaw, 2008
S. Frautschi, 2007
F. A. Harrison, 2008
A. P. Ingersoll, 2007
D. L. Kormos-Buchwald, 2007

Academic Policies
P. M. Bellan, Chair
O. Aharonson, 2009
M. Bronner-Fraser, 2009
T. E. Colonius, 2007
S. C. Frautschi, 2007
W. A. Goddard, 2008
J. D. Roberts, 2007

Athletics and Physical Education
M. R. Hoffmann, Chair
R. Bischoff*
R. H. Grubbs, 2009
L. Hillenbrand, 2007
W. J. Irwin*
J. L. Kirschvink, 2009
J. C. Peters, 2008
J. P. Wendell*

Convocations
C. A. Weinstein, Chair
J. Campbell*
J. F. Hall*
M. R. Hoffmann*
E. M. Schuman, 2009

Core Curriculum Steering
B. W. Fillipone, Chair
M. B. Kennedy, 2007
J. L. Kirschvink, 2008
A. E. Lange, 2007
N. S. Lewis, 2009
R. M. Wilson, 2008

Curriculum
M. L. Hunt, Chair
A. J. Weinstein, Vice Chair
K. C. Border, 2007
C. P. Collier, 2008
J. F. Hall*
B. Hassibi, 2008
L. Hillenbrand, 2007
M. B. Kennedy, 2009
M. N. Morley*
B. M. Simon, 2009

Educational Outreach
M. Feingold, Chair
J. Andrews*
R. D. Conner, 2007
N. Lapusta, 2009
D. J. Stevenson, 2007

Exchange Programs and Study Abroad
H. B. Newman, Chair
P. M. Bellan, 2009
J. R. Goodstein, 2007
T. C. Ho, 2008
A. Kuppermann, 2007
G. J. Laurent, 2008
D. S. Levy*
N. A. Pierce, 2007
T. Schneider, 2009
L. Stolper*

Foreign Students and Scholars
T. J. Ahrens, Chair
K. P. Giapis, 2007
M. Gooding*
J. Pine, 2009

Freshman Admissions
G. A. Blake, Chair
M. Aschbacher, 2007
A. R. Asthagiri, 2007
J. L. Beauchamp, 2009
W. W. Bing, 2007
R. Bischoff*
N. R. Corngold, 2009
M. C. Cross, 2009
M. Feldblum, 2007
J. F. Hall, 2007
D. R. Kiewiet, 2009
N. J. Leonard, 2008
B. Megdal, 2007
R. M. Murray, 2009
D. Ramakrishnan, 2008
J. P. Revel, 2009
S. Shimodojo, 2007
B. Wernicke, 2007

Graduate Studies
G. R. Rossman, Chair
M. R. Hoffmann*

Option Representatives

*ex officio member

Health
P. T. Hoffman, Chair
K. Austin*
S. C. Frautschi*
D. M. Grether, 2009
W. Jack*
G. A. Lorden, 2007
S. C. Miller*
P. H. Patterson, 2009

Institute Programs
D. P. Wettekamp, Chair
G. A. Blake, 2007
J. F. Brady, 2007
D. L. Denning*
F. A. Harrison, 2009
K. Haugen, 2009
D. P. Murphy, 2008
R. L. O’Rourke*
H. Zirin, 2009

Library
J. H. Richards, Chair
C. E. Brennen, 2007
S. G. Djorgovski, 2009
K. Douglas*
R. C. Flagan, 2008
A. P. Ingersoll, 2009
J. M. Kousser, 2007
C. Y. Ku, 2009
R. P. McAfee, 2008
G. R. Rossman, 2009

Membership and Bylaws
J. L. Campbell, Chair
K. C. Border, 2007
M. Okumura, 2007
N. A. Pierce, 2007
T. Schneider, 2007
R. P. Sherman, 2007
D. B. Wales*

Nominating
J. La Belle, Chair
R. A. Andersen, 2006
T. H. Heaton, 2006
L. Hillenbrand, 2006
Y. T. Hou, 2006
P. H. Patterson, 2006
G. Ravichandran, 2006
B. M. Stoltz, 2006

*ex officio member

Patents and Relations with Industry
S. L. Mayo, Chair
F. H. Arnold, 2009
J. W. Burdick, 2007
R. Deshaies, 2008
W. A. Goddard, 2008
R. H. Grubbs, 2008
P. Perona, 2008
A. G. Siapas, 2009
B. J. Wold, 2009

Scholarships and Financial Aid
E. Cowie, Chair
R. Bischoff*
A. W. Blain, 2007
S. E. Fraser, 2009
J. F. Hall*
J. L. Kirschvink, 2007
A. Kuppermann, 2009
D. S. Levy*
H. P. Taylor*

Student Housing
K. G. Libbrecht, Chair
P. D. Asimow, 2008
J. E. Bercaw, 2009
K. C. Border, 2008
M. Feingold, 2007
W. A. Goddard, 2008
R. H. Grubbs, 2008
P. Perona, 2008
A. G. Siapas, 2009
B. J. Wold, 2009

Undergraduate Academic Standards and Honors
M. Brown, Chair
J. L. Beck, 2008
C. E. Brennen, 2009
M. Feingold, 2007
D. M. Grether, 2007
J. F. Hall*
M. N. Morley*
C. Orcel, 2008
N. A. Pierce, 2009
Z.-G. Wang, 2009

Upperclass Admissions
J. G. Cohen, Chair
R. Bischoff*
K. M. Gilmartin, 2009
R. J. McEliece, 2007
V. Orphan, 2009

*ex officio member
STAFF OF INSTRUCTION
AND RESEARCH

Division of Biology

Elliot M. Meyerowitz, Chair

Professors Emeriti

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

John J. Hopfield, Ph.D.
Rocce G. Dickinson Professor of Chemistry and Biology
Ray D. Owen, Ph.D., Sc.D.h.c., Biology

Jean-Paul Revel, Ph.D.
Albert Billing Radduck Professor of Biology
Melvin I. Simon, Ph.D.
Anne P. and Benjamin F. Biaggini Professor of Biological Sciences

Senior Research Associate Emeritus

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

Professors

Ralph Adolphs, Ph.D.
Bren Professor of Psychology and Neuroscience and Professor of Biology
John M. Allman, Ph.D.
Frank P. Hixon Professor of Neurobiology
Richard A. Andersen, Ph.D.
James G. Barzwell 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
Robert Andrews Millikan Professor of Biology
Pamela Bjorkman, Ph.D.
Max Delbruck Professor of Biology
Marianne Bronner-Fraser, Ph.D.
Albert Billings Radduck Professor of Biology
Judith L. Campbell, Ph.D.
Eric H. Davidson, Ph.D.
Norman Chandler Professor of Cell Biology
Raymond Deshaies, Ph.D.
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. Ross Professor of Biology and Professor of Bioengineering
Mary B. Kennedy, Ph.D.
Allen and Lenabelle Davis Professor of Biology
Christof Koch, Ph.D.
Lori and Victor Treadhe 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.
Biology and Chemistry
Elliot M. Meyerowitz, Ph.D.
George W. Beadle Professor of Biology
Dianne Newman, Ph.D.
Geobiology and Biology
Paul H. Patterson, Ph.D.
Anne P. and Benjamin F. Biaggini Professor of Biological Sciences

Ellen Rothenberg, Ph.D.
Biology
Erin M. Schuman, Ph.D.
Biology
Shinsuke Shimojo, Ph.D.
Biology
Paul W. Sternberg, Ph.D.
Thomas Hunt Morgan Professor of Biology
James H. Strauss, Ph.D.
Ethel Wilson Bowles and Robert Bowles Professor of Biology
Alexander J. Varshavsky, Ph.D.
Howard and Gwen Laurie Smits Professor of Cell Biology
Barbara J. Wold, Ph.D.
Bren Professor of Molecular Biology
Kai Zinn, Ph.D.

1 Joint appointment with Howard Hughes Medical Institute

Associate Professor

Bruce A. Hay, Ph.D.
Biology

Assistant Professors

David C. Chan, M.D., Ph.D.
Biology
Michael Elowitz, Ph.D.
Biology and Applied Physics
Grant J. Jensen, Ph.D.
Biology
Athanasios G. Siapas, Ph.D.
Computation and Neural Systems
Angelike Stathopoulos, Ph.D.

1 Visiting Associates

Elaine L. Bearer, Ph.D.
Hamid Bolouri, Ph.D.
William L. Caton III, M.D.
Igor Fineman, M.D.
Jordi Garcia-Ojalvo, Ph.D.
Ming Guo, Ph.D., M.D.
Leroy Hood, M.D., Ph.D., D.Sc.h.c., D.h.c.
Angelique Y. Louie, Ph.D.
Melanie Martin, Ph.D.
Carol Ann Miller, M.D.
Eric Mjolsness, Ph.D.
Carmie Puckett Robinson, M.D.
Rodrigo Cesar Quiroga, Ph.D.
Kathleen M. Sakamoto, M.D., Ph.D.
Stewart Scherer, Ph.D.
Johannes Schwarz, M.D.
Neil Segil, Ph.D.

Senior Research Associates

R. Andrew Cameron, Ph.D.
Anne Chomyn, Ph.D.
Iain D. C. Fraser, Ph.D.
Akiko Kumagai, Ph.D.
Jane E. Mendel, Ph.D.
Jose Luis Riechmann, Ph.D.
Ellen G. Strauss, Ph.D.

Senior Research Fellows

Laura S. Gammill, Ph.D.
Venugopala Reddy Gonehal, Ph.D.
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David W. Walker, Ph.D.
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Hae Yong Yoo, Ph.D.
Mary An-yuan Yui, Ph.D.

Faculty Associate

Alice S. Huang, Ph.D.

522

Trustees, Administration, Faculty

523

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Sandra B. Sharp, Ph.D.
Bhavin Sheth, Ph.D.
Wen-Ching Wang, Ph.D.
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Russell E. Jacobs, Ph.D.

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Hiroaki Shizuya, M.D., Ph.D.
Peter Siegel, Ph.D.
Julian Michael Tyszka, Ph.D.
Jie Zhou, Ph.D.

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Elizabeth Haswell, Ph.D.
Carol Chace Tydell, D.V.M.

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Sylvian Bauer, Ph.D.
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Shlomo Ben-Tabou de-Leon, Ph.D.
Smadar Ben-Tabou de-Leon, Ph.D.
Sujata Bhattacharyya, Ph.D.
Marlene Biller, Ph.D.
Ariane Briegel, Ph.D.
Christopher Brower, Ph.D.
Marina Brozovic, Ph.D.
Luca Caneparo, Ph.D.
Holly J. Carlisle, Ph.D.
Mark A. Changizi, Ph.D.
Ai Chen, Ph.D.
Chun-Hong Chen, Ph.D.
Hsiu-chen Chen, Ph.D.
Jae Hyoong Cho, Ph.D.
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Gestur Bjorn Christiansson, Ph.D.
Edward G. Coles, Ph.D.
Jeffrey M. Copeland, Ph.D.
Markus W. Covert, Ph.D.
Karin Crowhurst, Ph.D.
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Benjamin Deverman, Ph.D.
Daniela Dieterich, Ph.D.
Ryan Michael Drenan, Ph.D.
Adrienne D. Driver, Ph.D.
Wolfgang Einhauser-Treyer, Ph.D.
Avigdor Eldar, Ph.D.
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Jeremy Lane Emken, Ph.D.
Maxellene Ezin, Ph.D.
Brian Fischer, Ph.D.
Carlos I. Fonck, Ph.D.
A. Nicole Fox, Ph.D.
Lu Gan, Ph.D.
Feng Gao, Ph.D.
Emmanuelle Graciet, Ph.D.
Elissa Hallem, Ph.D.
Shengli Hao, Ph.D.
Wulf Eckhard Haubensak, Ph.D.
Wanzhong He, Ph.D.
Yongning He, Ph.D.
Marcus G. B. Heider, Ph.D.
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Rong-gui Hu, Ph.D.
Cheol-Sang Hwang, Ph.D.
Eunjung Hwang, Ph.D.
Cristina Valeria Iancu, Ph.D.
William W. Ja, Ph.D.
Mili Jeon, Ph.D.
Galina Jerdeva, Ph.D.
Herwig Just, Ph.D.
Snehala Vijaykumar Kadam, Ph.D.
Igor Kagan, Ph.D.
Ryota Kanai, Ph.D.
Jan Piotr Karsowski, Ph.D.
Mihoko Kato, Ph.D.
Jason A. Kaufman, Ph.D.
Tamara Kinzer-Ursem, Ph.D.
Gary L. Kleger, Ph.D.
David Koos, Ph.D.
Alexander Kraemer, Ph.D.
Alexander Krasikov, Ph.D.
Jelena Lazovic Zinnati, Ph.D.
Tim Lebesky, Ph.D.
Long Li, Ph.D.
Yi-Jia Li, Ph.D.
Zhuo Li, Ph.D.
Michael Liebling, Ph.D.
Dayu Lin, Ph.D.
Axel Lindner, Ph.D.
Evgeniy V. Lubenov, Ph.D.
Agnes Lukaszewicz, Ph.D.
Xin M. Luo, Ph.D.
Peter Y. Lwigale, Ph.D.
Natalie Malkova, Ph.D.
Edoardo Marcara, Ph.D.
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Sean Megason, Ph.D.
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Dane A. Mohl, Ph.D.
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Fraser John Moss, Ph.D.
Israel Muro, Ph.D.
Mala Murthy, Ph.D.
Zoltan Nadasdy, Ph.D.
Jongnim Nam, Ph.D.
Zachary Nimmrich, Ph.D.
Ryan Michael O’Connell, Ph.D.
Richard A. Olson, Ph.D.
Blupinder Pal, Ph.D.
Rigo Pantoja, Ph.D.
Junghyun Park, Ph.D.
Pantazis Periklis, Ph.D.
Alexander Perryman, Ph.D.
Konstantin Pyatkov, Ph.D.
Xiang Qu, Ph.D.
Hans Ingmar Riedel-Kruse, Ph.D.
Adrienne Roeder, Ph.D.
Benjamin D. Rubin, Ph.D.
Melissa Saenz, Ph.D.
Anjanabha Saha, Ph.D.
Alok J. Saldanha, Ph.D.
Tatjana Sauka-Spengler, Ph.D.
Deirdre D. Scripture-Adams, Ph.D.
Paola Sgobbo, Ph.D.
Wei Shen, Ph.D.
Patrick Sieber, Ph.D.
Edward J. Silverman, Ph.D.
Claudiu Simion, Ph.D.
Suk Fong Sin, Ph.D.
Joel Smith, Ph.D.
Cagdas D. Son, Ph.D.
Zhiyin Song, Ph.D.
Elizabeth Reisinger Sprague, Ph.D.
David Sprinzak, Ph.D.
Jagan Srinivasan, Ph.D.
Harald Stögghauer, Ph.D.
Yi-Hsien Su, Ph.D.
Gurol M. Suel, Ph.D.
Kaoru Sugimoto, Ph.D.
Greg Seong Bae Suh, Ph.D.
Michael A. Sutton, Ph.D.
Konstantin Dmitrievich Taganov, Ph.D.
Chin-Yin Tai, Ph.D.
Lisa Anne Taneyhill, Ph.D.
Andrew R. Tapper, Ph.D.
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Jan Glascher, Ph.D.
Psychology
Hilke Plassmann, Ph.D.
Economics
Kerstin Preuschoff, Ph.D.
Decision Theory and Neuroscience
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Saori Tanaka, Ph.D.
Neuroscience
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Barry C. Barish, Ph.D.
Ronald and Maxine Linde Professor of Physics
Charles A. Barnes, Ph.D.
Professor of Physics
Ronald W. P. Drever, Ph.D.
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Physics
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<tr>
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<td>James P. Eisenstein, Ph.D.</td>
<td>Physics</td>
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<td>Frank J. Rubek Professor of Physics</td>
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<td>Richard S. Ellis, D.Phil.</td>
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<td>Steele Family Professor of Astronomy</td>
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<td>Bradley W. Filipone, Ph.D.</td>
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<td>Matthias Flach, Ph.D.</td>
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<td>Steven C. Frautsch, Ph.D.</td>
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<td>Alexander S. Kechr, Ph.D., D.h.c.</td>
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<td>William L. Valentine Professor of Physics</td>
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<td>Andrew E. Lange, Ph.D.</td>
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<td>Re‘em Sari, Ph.D.</td>
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<td>Astrophysics and Planetary Science</td>
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<td>Trustee, Administration, Faculty</td>
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Assistant Professors
Andrew W. Blain, Ph.D.
Astronomy
Sunil Golwala, Ph.D.
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control and dynamical systems courses, 399
graduate option, 293
instructional and research staff, 510–538
option representative, 229
study and research, 102
undergraduate minor, 197
controlled substances, 55
Copenhagen Scholars program, 132
core curriculum requirements, 176–180
counseling service, 35
course loads. See overloads; underloads
courses, 326–511. See also under specific option
first-year schedule, 180
required for graduation, 176–181
Crafoord laureates, 18
credit, transfer of, 130, 142
credits, 42, 127, 142

D
deferral of entrance, 127
degrees
aeronautical engineer, 258
bachelor of science, 141, 176, 219. See also under specific option
civil engineer, 288
doctor of philosophy, 241. See also under specific option
electrical engineer, 296
electrical engineering
faculty and officer listings, 555
faculty officers and committees, 519–521
faculty-student relations, 103
grade appeals, 43
grade-point average, 42
grades, 39–44
graduate degrees, 229, 238, 239,
241
graduate program, 10
admission to, 210–232
career development advising, 36
expenses, 245
faculty advisers, 235
financial assistance, 248
housing, 247
option representatives, 229
options, 255–325
policies and procedures, 230–238
residency requirements, 232
tuition

e
early action application plan, 125

E
economics
courses, 402
undergraduate option, 198
engineering courses, 404
graduate option, 295
instructional and research staff, 530–538
option representative, 229
study and research, 103
undergraduate option, 199
electrical engineer's degree, 296
electronic information resources policy, 52
employment, 36, 37, 38, 60,
153–154
engineering and applied science
instructional and research staff, 530–538
undergraduate option, 202
engineering courses (general), 413
engineer's degree, 239
English
courses, 414
undergraduate minor, 209
undergraduate option, 208
English as a second language, 231, 421
English requirements for international students, 129–130, 231,
241, 243

F
facilities, 18–26
faculty advisers, 29, 30, 235
faculty and officer listings, 555
faculty officers and committees, 519–521
faculty option representatives, 229
faculty-student relations, 103
financial aid, 148, 149, 152, 159
federal/state grants and loans,
152–155, 158–167. See also financial aid; repayments
fellowships, 249

G
general deposit, 144, 147
grade appeals, 43
grade-point average, 42
grades, 39–44
graduate degrees, 229, 238,
239.
241

H
harassment policy, 67
health services, 34–36

I
examinations. See admission; placement examinations
exchange programs, 131, 238. See also study abroad
expenses, 143, 245. See also registration
geology. See geological and planetary sciences
gerontology summer field course, 147, 210
geophysics. See geological and planetary sciences
German. See language courses
grievances, 33, 49

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z
medical examination, 34. See also health services
medical school, 36, 279. See also
premedical program
menu classes, 176, 177
merit awards, 155
Moore Distinguished Visitors, 11
M.S. degree, 238. See also under specific option
music, 32, 482
N
new student orientation, 128
Nobel laureates, 17
nondiscrimination policy, 60
O
off-campus facilities, 24
Office of Public Events, 33
officers and faculty listings, 55
officers of Caltech, 513, 517, 519
ombuds office, 33, 554
on-campus recruiting program, 36
option advisers, 30, 140
option representatives, 229
options, 9, 10
change of, 140
regulations, 140, 181–227,
255–325
selection of, 140
overloads, 142
Owens Valley Radio Observatory,
24, 86, 88, 122
P
Palomar Observatory, 24, 86, 87,
120, 122
part-time graduate study programs,
236
pass/fail grading, 42
patent agreement, 50
Pell grants, 152, 159
performance courses, 484
Ph.D. degree, 241. See also under specific option
philosophy
courses, 486
undergraduate minor, 224
undergraduate option, 223
physical education, 179, 488
physical examination, 34
physics
advanced placement/college credit, 128
courses, 493
graduate option, 316
instructional and research staff,
545–552
option representative, 230
study and research, 118
undergraduate option, 225
placement examinations
astrophysics, 267
physics, 317
planetary science. See geological and planetary sciences
policies of Caltech, 52
political science
courses, 502
postdoctoral scholars, 10
premedical program, 36, 186. See also medical school
prizes, 167, 251
PROFILE, 149
psychology courses, 505
publications, 32
public events, 33
R
recesses, 4–5
records and transcripts, 44, 45–48
refunds, 144, 251
registration
general deposit, 144, 147
graduate students, 233
summer research, 156, 234
undergraduate students,
135–138
religious practice, 33
repayments, 144, 158–166, 251
Index

research
  areas of, 78–123
  funds, 249
summer, 27, 136, 214
undergraduate, 27, 136
researchers, visiting, 232
residency requirements, 232
retention rates, 51
ROTC, 134
v
vacations. See recesses
veterans, 44
visas, 38
visiting student researchers, 232
w
withdrawal, 137, 144–145, 146–147, 251
work-study, 37, 153–154
y
Y, Caltech, 33