Section Six

Trustees, Administration, Faculty
OFFICERS

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Ronald K. Linde, Vice Chairman
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David A. Tirrell, Provost (Oct. 1)

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Diana Jergovic
Vice President for Strategic Implementation
Brian K. Lee
Vice President for Development and Institute Relations
Sharon E. Patterson
Associate Vice President for Finance and Treasurer
Scott Richland
Chief Investment Officer
Joseph E. Shepherd
Vice President for Student Affairs
Margo Steurbaut
Vice President of Administration and Chief Financial Officer
Victoria D. Stratman
General Counsel
Michael M. Watkins
Vice President and Director, Jet Propulsion Laboratory
Mary L. Webster
Secretary

Sabeer Bhatia (2015)
Chief Executive Officer and Co-Founder
Sabe Technologies, Inc.

Brigitte M. Bren (2009)
President and Chief Executive Officer
International Strategic Planning

David E. Chavez (2017)
Los Alamos National Laboratory

John S. Chen (2008)
Executive Chairman of the Board
and Chief Executive Officer
BlackBerry, Inc.

Wenchi Chen (2012)
President and Chief Executive Officer
VIA Technologies, Inc.

Peggy T. Cherng (2012)
Co-Chairman
Panda Restaurant Group

Robert B. Chess (2006)
Chairman
Nektar Therapeutics

David T. Dreier (2013)
Chairman
Annenberg-Dreier Commission

Lounette M. Dyer (1998)
Entrepreneur

Joshua S. Friedman (2012)
Co-founder, Co-Chairman and Co-Chief Executive Officer
Canyon Partners, LLC

William T. Gross (1994)
Founder and Chief Executive Officer
Idealab

Narendra K. Gupta (2011)
Managing Director
Nexus Venture Partners

David D. Ho (2015)
Scientific Director and Chief Executive Officer
Aron Diamond AIDS Research Center

Ann Stimmer Johnson (2016)
Chief Executive Officer and Founder
Interana, Inc.

G. Bradford Jones (2014)
Founding Partner
Redpoint Ventures

Peter D. Kaufman (2008)
Chairman and Chief Executive Officer
Glenair, Inc.

Louise Kirkbride (1995)
Entrepreneur

Walter G. Kortschak (2012)
Senior Advisor and Former Managing Partner
Summit Partners, L.P.

BOARD OF TRUSTEES

Trustees
(with date of first election)

Spencer Abraham (2016)
Chairman and Chief Executive Officer
The Abraham Group LLC

Mr. William H. Ahmanson (2017)
The Ahmanson Foundation

Sean Bailey (2015)
President
Walt Disney Studios Motion Picture Production

Barbara M. Barrett (2014)
Ambassador

Rebecka Beldegrun (2016)
President and Chief Executive Officer
Belle Capital, LLC

Board of Trustees
Jon B. Kutler (2005)  
Chairman and Chief Executive Officer  
Admiralty Partners, Inc.

Taylor W. Lawrence (2017)  
Raytheon Company

David L. Lee (2000)  
Managing General Partner  
Clarity Partners, L.P.

York Liao (1997)  
Managing Director  
Winbridge Company Ltd.

Alexander Lidow (1998)  
Chief Executive Officer  
EPC Corporation

Andrew N. Liveris (2013)  
Chairman and Chief Executive Officer  
The Dow Chemical Company

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

Mich J. Mathews-Spradlin (2016)  
Deborah D. McWhinney (2007)  
Citi Enterprise Payments  
Citi Bank

Mr. Alexander R. Mehran, Sr. (2017)  
Sunset Development Company

Richard N. Merkin, M.D. (2009)  
Founder and Chief Executive Officer  
Heritage Provider Network

Kenneth G. Moore (2014)  
Director of Bay Area Portfolio and Trustee  
Gordon and Betty Moore Foundation

Philip M. Neches (1995)  
Chairman  
Foundation Ventures, LLC

Eduardo A. Repetto (2015)  
Co-Chief Executive Officer and Co-Chief Investment Officer  
Dimensional Fund Advisors

Richard H. Scheller (2014)  
Chief Scientific Officer and Head of Therapeutics  
23andMe, Inc.

Timothy J. Sloan (2016)  
President and Chief Executive Officer  
Wells Fargo & Company

Donald W. Tang (2005)  
Founding Partner  
Tang Media Partners

Kevin M. Taweel (2012)  
Chairman  
Aurion Corporation

David W. Thompson (2012)  
President and Chief Executive Officer  
Orbital ATK, Inc.

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

Managing Director  
Coastview Capital

Senior Partner  
Sentinal HS Group, L.L.C.

Lynn A. Booth (2011)  
The Otis Booth Foundation

Milton M. Chang (2005, 2014)  
Managing Director  
Incubic Venture Capital

Founder and Chief Executive Officer  
Mohr Davidow Ventures

President Emeritus  
California Institute of Technology

B. Kipling Hagopian (2012, 2014)  
Managing Partner  
Apple Oak Partners, L.L.C.

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Chairman  
Cal-American

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Chair of the Board of Trustees  
J. Paul Getty Trust

Professor, Lyndon B. Johnson Centennial Chair in National Policy  
The University of Texas at Austin

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Chairman Emeritus  
Northrop Grumman Corporation

Independent Investor  
Chair, The Ronald and Maxine Linde Foundation  
Founder/Former Chief Executive Officer  
Envirodyne Industries, Inc.

Michael Lipper (2005, 2007)  
President and Chief Executive Officer  
Lipper Advisory Services

Executive Chairman  
Ciena Corporation

Peter Norton (2006, 2016)  
Norton Family Office
Ronald L. Olson (1998, 2014)  
Senior Partner  
Munger, Tolles & Olsen

Stephen R. Onderdonk (1986, 2016)  
President and Chief Executive Officer  
(Etired)  
Econolite Control Products, Inc.

Chairman and President  
The Wonderful Company

Chairman  
Rising Realty Partners

Marc I. Stern (2014, 2016)  
Chairman  
The TCIW Group, Inc.

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Trimble Navigation Ltd.

Lewis W. van Amerongen (2004, 2012)  
LeA Enterprises, Inc.

Walter L. Weisman (1988, 2007)  
Former Chairman and Chief Executive Officer  
American Medical International, Inc.

Nonprofit Consultant

Corporate Governance Consultant

Harry M. Coniger (1985, 2007)  
Chairman & Chief Executive Officer, Emeritus  
Homestake Mining Company

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Trustee of the Chandler Trust  
(Retired)

Chairman and Chief Executive Officer  
(Ionic, Inc.

Philip M. Hawley (1975, 1997)  
Chairman  
P. M. Hawley, Inc.

Chairman Emeritus  
Intel Corporation

Chairman and Chief Executive Officer  
(Getty Oil Company

Principal  
Arthur Rock and Company

Benjamin M. Rosen (1986, 2005)  
Chairman Emeritus  
Compaq Computer Corporation

Richard M. Rosenberg (1989, 2007)  
Chairman and Chief Executive Officer  
(Retired)  
Bank of America Corporation

Vice Chairman (Retired)  
General Motors Corporation

Dennis Stanfill (1976, 1999)  
Private Investor

Senior Vice President for Public Policy  
(Retired)  
Monsanto Company

Betty I. Moore  
Cofounder  
Gordon and Betty Moore Foundation

Standing Committees

Executive Committee—D. L. Lee*,  
Chair; R. K. Linde, Vice Chair; R. C.  
Bonnor*, B. M. Bren*, R. B. Chess*, W. H.  
Davidow*, J. S. Friedman*, B. R. Inman,  
K. Kresa, J. B. Kutler*, A. Lidow*, S. M.


Conflict Review Subcommittee—R. C. Bonner, Chair ex officio; R. B. Chess, J. B. Kutler, R. K. Linde, P. M. Neches, P. Norton, S. R. Onderdonk; Advisory Member: V. D. Stratman, Provost


Executive Compensation Committee—R. K. Linde, Chair; A. Lidow, Vice Chair, D. L. Lee*, P. M. Neches, W. L. Weisman; Advisory Members: J. M. McCallin, T. F. Rosenbaum


* ex officio member

Trustees, Administration, Faculty


* ex officio member

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President

Edward M. Stolper
David A. Tirrell
Provost
Incoming Provost

Kaushik Bhattacharya
Vice Provost

Jin Chang
Chief Information Officer

Hall P. Daily
Director of Government Relations

Richard F. Flagan
Chair of the Faculty

Kevin M. Gilmartin
Dean of Students

Diana Jergovic
Vice President for Strategy Implementation

Brian K. Lee
Vice President for Development and Institute Relations

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Associate Vice President for Human Resources

Sharon E. Patterson
Associate Vice President for Finance and Treasurer

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Dean of Graduate Studies

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Chief Investment Officer

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Margo Steurbaut  
Vice President of Administration and Chief Financial Officer

Victoria D. Stratman  
General Counsel

Michael M. Watkins  
Vice President and Director, Jet Propulsion Laboratory

Mary L. Webster  
Secretary, Board of Trustees

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Jacqueline K. Barton  
Chemistry and Chemical Engineering

Fiona A. Harrison  
Physics, Mathematics and Astronomy

Guruswami Ravichandran  
Engineering and Applied Science

John P. Grotzinger  
Geological and Planetary Sciences

Jean-Laurent Rosenthal  
Humanities and Social Sciences

**Administrative Committees**

**Animal Care and Use** [fills the role of Caltech’s Institutional Animal Care and Use Committee—IACUC] (Reports to the Provost for Research)—R. A. Andersen, chair, M. Meister, vice chair; J. F. Baer*, J. Brackman, P. Dervan (alternate), L. C. Hsieh-Wilson, K. C. Lencioni*, C. Lois (alternate), D. J. Mayo*, L. E. Quenee* C. W. Scislowicz* (alternate), R. P. Seligman* (alternate), C. Zuffada*, Advisor: V. D. Stratman (or her designee)


**Biosafety** [fills the role of Caltech’s Institutional Biosafety Committee—IBC] (Reports to the Provost)—J. D. Leadbetter, Chair; J. Baer*, S. Chatterjee, C. K. Cortese, G. Fisher-Adams*, F. Hanner, R. Ismagilov, K. Lencioni (alternate), D. Mayo (alternate), S. Mazmanian, L. Quenee*, C. Scislowicz*, R. P. Seligman*, Advisor: V. D. Stratman (or her designee)

**Committee on Classified Research and Publication Restrictions at JPL** (Reports to the President)—D. I. Meiron, Chair; S. L. Mayo, T. A. Prince, M. Simons, J. J. Van Zyl, P. O. Wennberg, J. Zmuidzinas

**Computing Advisory Committee** (Reports to the Provost and the Vice President of Administration and Chief Financial Officer)—M. Spiropulu, Chair; G. K. Chan, J. Chang*, T. Colonius, M. Gouler† G. J. Jensen, Y. P. Leong‡, S. E. Patterson, T. Port‡, M. S. Shum, A. F. Thompson

**Committee on Undergraduate Education** (Reports to the Provost)—C. A. Weinstein*, Chair; P. D. Asimow*, R. C. Flagar*, K. M. Gilmartin*, J. F. Hall*, C. Jurca, T. S. Liu, G. Refael, J. E. Shepherd, K. Sreedhar*, G. S. Tender, A. J. Weinstein* D. P. Weitekamp*

**Environmental Health and Safety** (Reports to the President—Provost, Chair; J. W. Cowell*, P. D. Koyzis*, C. Scislowicz*, J. E. Shepherd, M. Steurbaut

**Institute Academic Council** (IACC)—Provost, Chair; J. K. Barton, J. P. Grotzinger, F. Harrison, S. L. Mayo, G. Ravichandran, T. F. Rosenbaum, J-L Rosenthal

Faculty Officers and Committees 2017–18

Officers
Chair: R. C. Flagan
Vice Chair: M. Spiropulu
Secretary: R. M. Murray

Faculty Board
D. Asimaki, 2019
P. D. Asimow, 2019
J. M. Austin, 2020
G. A. Blake, 2018
S. Bordoni, 2020
W. M. Clemons, 2018
M. Desbrun, 2018
S. A. Hajimiri, 2018
C. Jurca, 2020
J. N. Katz, 2020
H. A. Knutson, 2020
T. F. Miller, 2019
O. J. Painter, 2019
D. Ramakrishnan, 2020
J. A. Tropp, 2018
D. Y. Tsao, 2019
P. O. Wennberg, 2018
L. Yariv, 2019

Ex Officio:
J. K. Barton
K. M. Gilmartin
J. P. Grotzinger
F. A. Harrison
S. L. Mayo
G. Ravichandran
D. C. Rees
T. F. Rosenbaum
J-L. Rosenthal
J. E. Shepherd
D. A. Tirrell

Steering
R. C. Flagan, Chair
P. D. Asimow
K. Bhattacharya
B. W. Filippone
A. Stathopoulos
D. A. Tirrell
J. A. Tropp
C. A. Weinstein

† representing graduate students
‡ representing undergraduate students
§ representing postdoctoral scholars
Academic Freedom and Tenure
L. Hillenbrand, 2019
C. Jurca, 2018
H. A. Lester, 2019
P. Perona, 2018
M. Spiropulu, 2018
J. M. Stock, 2018

Academic Policies
C. R. Hitchcock, Chair
B. Hassibi, 2018
E. M. Meyerowitz, 2020
C. S. Parker, 2018
A. L. Sessions, 2020

Athletics and Physical Education
T. K. Dennison, Chair
J. C. Doyle, 2020
B. W. Filippone, 2020
P. T. Hoffman, 2019
J. L. Kirschvink, 2019
B. Mitchell*
A. G. Siapas, 2018
B. M. Stoltz, 2018
J. Whitney*

Convocations
K. M. Gilmartin*
D. Prober, 2019
D. C. Rees*
P. Schroeder, 2019
L. Yariv, 2019
N. C. Yeh, 2020

Core Curriculum Steering
J. F. Hall, Chair
F. M. Echenique, 2020
M. Flach, 2020
K. M. Gilmartin*
M. L. Hunt, 2018
C. Jurca, 2020
K. Mawhinney*
M. Okumura, 2020
R. B. Patterson, 2018
K. G. Zinn, 2019

Curriculum
A. J. Weinstein, Chair
R. W. Clayton, 2018
K. M. Gilmartin*

L. Hsieh-Wilson, 2018
K. Mawhinney*
D. I. Meiron, 2020
L. S. Pachter, 2020
E. S. Phinney, 2019

Exchange Programs and Study Abroad (CEPSA)
H. B. Newman, Chair
T. Agapie, 2018
J. P. Ampuero Saenz, 2018
C. Daraio, 2020
M. Desbrun, 2019
K. Mawhinney*
J. P. O’Doherty, 2019
I. Peter, 2020
L. Stolper*
A. F. Thompson, 2018

Foreign Students and Scholars
Z.-G. Wang, Chair
D. Asimaki, 2018
S. Bordoni, 2019
G. W. Hallinan, 2018
A. Hoelz, 2019
A. Rangel, 2020
A. G. Siapas, 2020
I. Smith*

Freshman Admissions
P. D. Asimow, Chair
M. Aschbacher, 2019
D. C. Chan, 2020
G. A. George, 2019
D. Gilmore, 2018
N. H. Katz, 2020
K. G. Libbrecht, 2020
S. R. Quartz, 2019
S. Shimojo, 2020
D. J. Stevenson, 2018
C. M. Umans, 2018
J. Whitney*

Graduate Studies
B. J. McKeon, Chair
V. Chandrasekaran*
H. Choo*
R. W. Clayton*
W. M. Clemons*
B. Fultz*
K. P. Giapis*
N. Gilmore (non-voting)
T. B. Graber*
B. A. Hay*
L. Hillenbrand*
Y. T. Hou*
N. Lapusta*
M. Meister*
R. M. Murray*
O. J. Painter*
D. C. Rees*
M. S. Shum*
A. G. Siapas*
B. M. Stoltz*
A. F. Thompson*
C. Umans*
E. Winfree*
J. Zmuidzinas*
*ex officio member

Health
H. A. Lester, Chair
A. Barr, 2019
F. Eberhardt, 2020
K. M. Gilmartin*
S. Golwala, 2018
J. L. Howe*
J. M. McCallin*
S. C. Miller*
B. Mitchell*
N. A. Pierce, 2019
D. C. Rees*

Institute Programs
J. R. Greer, Chair
B. Brophy*
C. A. Hunter, 2019
A. P. Ingersoll, 2019
J. M. Jackson, 2019
B. K. Lee*
Z.-G. Wang, 2018

Library
K. Antelman*
B. L. Ehlmann, 2018
T. B. Graber, 2018
A. J. Minnich, 2020
L. S. Pachter, 2020
G. Rossman, 2018
K. C. Schwab, 2018
V. C. Tsai, 2020

Membership and Bylaws
M. Spiropulu, Chair
K. C. Border, 2019
M. Effros, 2018
N. S. Lewis, 2019
R. M. Murray*
B. P. Wernicke, 2018

Nominating
H. A. Lester, Chair
R. Adolphs, 2018
W. M. Clemons, 2017
W. Fischer, 2018
J. A. Tropp, 2018
N.-C. Yeh, 2018

Patents and Relations with Industry
S. H. Low, Chair
K. P. Giapis, 2019
R. F. Ismagilov, 2018
S. Mazmanian, 2020
N. A. Pierce, 2020
M. L. Roukes, 2018
K. J. Vahala, 2020

Scholarships and Financial Aid
N. Wey-Gomez, Chair
P. D. Asimow*
G. Blanquart, 2020
D. Crewell*
F. Eberhardt, 2018
K. M. Gilmartin*
C. S. Parker, 2018
G. Refael, 2018
S. Shimojo, 2019
J. Whitney*

Student Life and Housing
G. A. Blake, Chair
A. Aravin, 2020
A. H. Barr, 2020
J. L. Beauchamp, 2019
J. G. Cohen, 2018
K. M. Gilmartin*
T. Mannion (non-voting)
B. Mitchell*
D. C. Rees*
V. C. Tsai, 2020
Undergraduate Academic Standards and Honors
D. P. Weitekamp, Chair
J. P. Ampuero Saenz, 2019
P. M. Bellan, 2019
J. F. Brady, 2019
W. C. Brown, 2020
M. H. Dickinson, 2018
K. M. Gilmartin*
J. R. Heath, 2018
K. Mawhinney*
F. C. Porter, 2018

Upperclass Admissions
D. Asimaki, Chair
M. Guttman, 2018
J. A. Jahner, 2019
M. P. Lamb, 2019
S. H. Low, 2019
K. Mawhinney*
B. J. McKeon, 2019
T. F. Miller, 2019
J. Whitney*

*ex officio member
STAFF OF INSTRUCTION
AND RESEARCH

Division of Biology
and Biological Engineering

Stephen L. Mayo, William K. Bowes
Jr. Leadership Chair

Dianne Newman, Executive Officer for
Molecular Biology

Markus Meister, Executive Officer for
Neurobiology

Michael Elowitz, Executive Officer for
Biological Engineering

Thanos Siapas, Executive Officer for
Computation and Neural Systems

Professors Emeriti

John N. Abelson, Ph.D.
George Beadle Professor of Biology

Charles J. Brokaw, Ph.D.
Biology

John J. Hopfield, Ph.D.
Roscoe G. Dickinson Professor of
Chemistry and Biology

Masakazu Konishi
Bing Professor of Behavioral Biology

Jean-Paul Revel, Ph.D.
Albert Billings Ruddock Professor of
Biology

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

James H. Strauss, Ph.D.
Ethel Wilson Bowles and Robert
Bowles Professor of Biology

Professors

Ralph Adolphs, Ph.D.
Bren Professor of Psychology,
Neuroscience, and Biology; Allen
V. C. Davis and Lenabelle Davis
Leadership Chair, Caltech Brain
Imaging Center; Director, Caltech
Brain Imaging Center

John M. Allman, Ph.D.
Frank P. Hixon Professor of
Neurobiology

Richard A. Andersen, Ph.D.
James G. Boswell Professor of
Neuroscience; T&C Brain-Machine
Interface Leadership Chair;
Director, T&C Brain-Machine
Interface Center

David J. Anderson, Ph.D.¹
Seymour Benzer Professor of Biology;
Tianqiao and Chrissy Chen Institute
for Neuroscience Leadership Chair;
Director, Tianqiao and Chrissy Chen
Institute for Neuroscience

Alexei A. Aravin, Ph.D.
Biology

Frances H. Arnold, Ph.D.
Dick and Barbara Dickinson
Professor of Chemical Engineering,
Bioengineering, and Biochemistry;
Director, Donna and Benjamin M.
Rosen Bioengineering Center

David Baltimore, Ph.D., D.Sc.h.c.,
D.Phil.h.c., Nobel Laureate
Robert Andrews Millikan Professor
of Biology

Pamela Bjorkman, Ph.D.
Centennial Professor of Biology

Marianne Bronner, Ph.D.
Albert Billings Ruddock Professor of
Biology

Judith L. Campbell, Ph.D.
Chemistry and Biology

David C. Chan, M.D., Ph.D.
Biology

Michael H. Dickinson, Ph.D.
Esther M. and Abe M. Zarem
Professor of Bioengineering and
Aeronautics

William G. Dunphy, Ph.D.
Grace C. Steele Professor of Biology

Michael Elowitz, Ph.D.¹
Biology and Bioengineering;
Executive Officer for Biological
Engineering

Morteza Gharib, Ph.D.
Hans W. Liepmann Professor
of Aeronautics and Bioinspired
Engineering; Director, Graduate
Aerospace Laboratories; Director,
Center for Autonomous Systems and
Technologies

Bruce A. Hay, Ph.D.
Biology

¹ Joint appointment with Howard Hughes
Medical Institute

Biology and Biological Engineering
Rustem F. Ismagilov, Ph.D.

Ethel Wilson Bowles and Robert Bowles Professor of Chemistry and Chemical Engineering; Director of the Jacobs Institute for Molecular Engineering for Medicine

Grant J. Jensen, Ph.D. ¹

Biophysics and Biology

Mary B. Kennedy, Ph.D.

Allen and Lenabelle Davis Professor of Biology

Henry A. Lester, Ph.D.

Biology

Stephen L. Mayo, Ph.D.

Bren Professor of Biology and Chemistry; William K. Bowes Jr. Leadership Chair, Division of Biology and Biological Engineering

Sarkis Mazmanian, Ph.D.

Luis B. and Nelly Soux Professor of Microbiology; Investigator, Heritage Medical Research Institute

Markus Meister, Ph.D.

Anne P. and Benjamin F. Biaggini Professor of Biological Sciences; Executive Officer for Neurobiology

Elliot M. Meyerowitz, Ph.D. ¹

George W. Beadle Professor of Biology

Richard Murray, Ph.D.

Thomas E. and Doris Everhart Professor of Control and Dynamical Systems and Bioengineering

Dianne K. Newman, Ph.D.

Gordon M. Binder/Amgen Professor of Biology and Geobiology; Executive Officer for Molecular Biology

Lior Pachter, Ph.D.

Bren Professor of Computational Biology and Computing and Mathematical Sciences

Robert B. Phillips, Ph.D.

Fred and Nancy Morris Professor of Biophysics, Biology, and Biophysics

Niles A. Pierce, Ph.D.

Professor of Applied and Computational Mathematics and Bioengineering

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Biology

Ellen Rothenberg, Ph.D.

Albert Billings Ruddock Professor of Biology

Michael L. Roukes, Ph.D.

Robert M. Abbey Professor of Physics, Applied Physics, and Bioengineering

Shinsuke Shimojo, Ph.D.

Gertrude Baltimore Professor of Experimental Psychology

Athanassios G. Siapas, Ph.D.

Computation and Neural Systems; Executive Officer for Computation and Neural Systems

Angelike Strathopoulos, Ph.D.

Biology

Paul W. Sternberg, Ph.D.

Bren Professor of Biology

Doris Ying Tsao, Ph.D. ¹

Biology; T&C Chen Center for Systems Neuroscience Leadership Chair; Director, T&C Chen Center for Systems Neuroscience

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Howard and Gwen Laurie Smits Professor of Cell Biology

Erik Winfree, Ph.D.

Professor of Computer Science, Computation and Neural Systems, and Bioengineering

Barbara J. Wold, Ph.D.

Bren Professor of Molecular Biology

Changhuei Yang, Ph.D.

Thomas G. Myers Professor of Electrical Engineering, Bioengineering, and Medical Engineering

Kai Zinn, Ph.D.

Biology

Assistant Professors

Lea Goentoro, Ph.D.

Biology

Viviana Gradinaru, Ph.D.

Biology and Biological Engineering; Investigator, Heritage Medical Research Institute; Director, Center for Molecular and Cellular Neuroscience

Mitchell Guttmann, Ph.D.

Biology, Investigator, Heritage Medical Research Institute

Elizabeth J. Hong, Ph.D.

Clare Boothe Luce Assistant Professor of Neuroscience

Yuki Oka, Ph.D.

Biology

Joseph Parker, Ph.D.

Biology and Biological Engineering

Lulu Qian, Ph.D.

Bioengineering

Matt Thomson, Ph.D.

Computational Biology

Trustees, Administration, Faculty
Rebecca M. Voorhees, Ph.D.  
Biology and Biological Engineering;  
Investigator, Heritage Medical Research Institute

Joint appointment with Howard Hughes Medical Institute

Senior Research Associate Emeriti
Anne Chomyn, Ph.D.  
Ellen G. Strauss, Ph.D.  
R. Andrew Cameron, Ph.D.

Lecturers
Brooke Anderson, MS, MA  
L. Elizabeth Bertani, Ph.D.  
Justin Bois, Ph.D.  
Lindsay Brenner, Ph.D.  
Andres Collazo, Ph.D.  
Matthew J. Graham, Ph.D.  
Julie Hoy, Ph.D.  
Danny Petrasek, Ph.D.  
Carol Chace Tydell, DVM

Research Professors
Long Cai, Ph.D.  
Akiko Kumagai, Ph.D.  
Carlos Lois, M.D., Ph.D.  
Isabelle S. Peter Lashgari Faghani, Ph.D.  
Daniel A. Wagenaar, Ph.D.  
Mary An-yuan Yui, Ph.D.

Research Assistant Professors
Katalin Fejes Toth, M.D., Ph.D.

Senior Faculty Associate
Alice S. Huang, Ph.D.

Visiting Associates
Clare Baker, Ph.D.  
Elaine L. Bearer, Ph.D., M.D.  
William L. Caton III, M.D.  
Kit Yu Karen Chen, Ph.D.  
Raymond Deshaies, Ph.D.  
Gareth J. Fraser, Ph.D.

Senior Postdoctoral Scholars
Yaron Antebi, Ph.D.  
Yaron Antebi, Ph.D.  
Sreeram Balasubramanian, Ph.D.  
Michael Bethune, Ph.D.  
Stephen A. Green, Ph.D.  
Hiroyuki Hosokawa, PhD.  
Laura Kerosuo-Pahlber, Ph.D.  
Antti Lignell, Ph.D.  
Devdoot Majumdar, Ph.D.  
Maria Papadopoulou, Ph.D.  
Ryan Remedios, Ph.D.  
Hillel Schwartz, Ph.D.  
Gil Sharon, Ph.D.  
Chanpreet Singh, Ph.D.  
Beth Stadtmueller, Ph.D.  
Grigory Tikhomirov, Ph.D.

Postdoctoral Scholars
Eldad Afik, Ph.D.  
Eldad Afik, Ph.D.  
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Nadejda Blagorodnova Mujortova, Ph.D.  
Astronomy

Murray Brightman, Ph.D.  
Physics

Alexander Burgers, Ph.D.  
Experimental Physics

David Cook, Ph.D.  
Astrophysics

Alexander Cooper-Roy, Ph.D.  
Physics

Christine Corbett-Moran  
NSF, Numerical Relativity

Michael Coughlin, Ph.D.  
David and Ellen Lee, Experimental Physics

Jacob Covey, Ph.D.  
Richard Chace Tolman, Experimental Physics

Abigail Tinney Crites, Ph.D.  
NSF, Physics

Elizabeth Crosson, Ph.D.  
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Behnam Darvish Sarvestani, Ph.D.  
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Mykola Dedushenko, Ph.D.  
Sherman Fairchild, Theoretical Physics

Fabien Defrance, Ph.D.  
Physics

Jacques Robert Delorme, Ph.D.  
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Physics

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Alberto de la Torre Duran, Ph.D.  
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Johannes Eichholz, Ph.D.  
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Anamaria Effler, Ph.D.  
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Andreas Faiss, Ph.D.  
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Philippe Faiss, Ph.D.  
Theoretical Physics

Martin Fluder, Ph.D.  
Lee, Theoretical Physics

Javier Garcia, Ph.D.  
Physics

Shea Garrison-Kimmel, Ph.D.  
Einstein, Theoretical Astrophysics

Arbel Haim, Ph.D.  
Sherman Fairchild, Theoretical Physics

Erika Hamden, Ph.D.  
Millikan, Physics

François Hebert, Ph.D.  
Theoretical Astrophysics

Marianne Heida, Ph.D.  
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Shoubaneh Hemmati, Ph.D.  
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Nina Hernitschek, Ph.D.  
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Yichen Huang, Ph.D.  
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Cameron Hummels, Ph.D.  
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Kiwami Izumi, Ph.D.  
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Tomas Jochym O’Connor, Ph.D.  
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Brittany Kamai, Ph.D.  
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Thomas Kupfer, Ph.D.  
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Gillian Kyne, Ph.D.  
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Astrid Lamberts, Ph.D.  
Theoretical Astrophysics

Kirsten Larson, Ph.D.  
Astronomy

Eve Lee, Ph.D.  
Sherman Fairchild, Theoretical Physics

Qiongling Li, Ph.D.  
Mathematics

Ying-Hsuan Lin, Ph.D.  
Theoretical Physics

Nan Lu, Ph.D.  
Richard Chace Tolman, Experimental Physics

Yiqiu Ma, Ph.D.  
Theoretical Astrophysics

Thomas Massinger, Ph.D.  
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Jessica McIver, Ph.D.  
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Anne Marie Medling, Ph.D.  
Hubble, Astronomy

Tomonari Miyashita, Ph.D.  
High Energy Physics

Christine Moran, Ph.D.  
Numerical Relativity
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   Manager, Mars Exploration Program Office and Director for Mars Exploration
Leslie L. Livesay
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   Chief Information Officer and Director for Information Technology
Victoria D. Stratman
   Caltech General Counsel
Jakob van Zyl
   Director for Solar System Exploration
Fred Hadaegh
   Chief Technologist

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Administration
Kristin Antelman
   University Librarian
Robin Izon
   Library Operations Manager
Catherine Geard
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Gail P. Clement
   Head of Research Services
Peter S. Collopy
   University Archivist & Head, Special Collections
Stephen Davison
   Head of Digital Library Development
David McCaslin
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Betsy Mitchell
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Senior Director Student Activities and Programs
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Band Director and Director of Performing and Visual Arts
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Director of Fellowships Advising and Study Abroad, and Career Development Center
Jonathan Webster  
Senior Director of Dining Services
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Student Affairs
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California State University = Cal State L.A.

Thomas F. Rosenbaum, Ph.D.,
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Presidential Chair; Professor of Physics
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University, 1979; Ph.D., 1982. Caltech, 2014-;
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B.S., Washington State University, 1960;
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Professor, Caltech, 1982-91; Beadle Professor,
1991-2002; Beadle Professor Emeritus, 2002-.
Chair, Division of Biology, 1989-95.

Yaser Abu-Mostafa, Ph.D., Professor of Electrical Engineering and Computer Science
B.Sc., Cairo University, 1979; M.S.E.E.,
Georgia Institute of Technology, 1981; Ph.D.,
Caltech, 1983. Garrett Research Fellow in Electrical Engineering, 1983; Assistant Professor, 1983-89; Associate Professor, 1989-94; Professor, 1994-.

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B.S., University of Basel, 1994; M.S., 1997;

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Professor, 2012-.

Jess F. Adkins, Ph.D., Smits Family Professor of Geochemistry and Global Environmental Science
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Massachusetts Institute of Technology, 1998. Assistant Professor, Caltech, 2000-06;
Associate Professor, 2006-10; Professor, 2010-16; Smits Professor, 2017-.

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Caltech Brain Imaging Center; Director, Caltech
Brain Imaging Center
B.S., Stanford University, 1986; M.S., 1986;
Ph.D., Caltech, 1992. Professor of Psychology
and Neuroscience, 2004-05; Bren Professor,
2005-; Professor of Biology, 2005-; Davis
Leadership Chair, 2017-; Director, Caltech
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Clarence R Allen, Ph.D., Professor of Geology and Geophysics, Emeritus
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John M Allman, Ph.D., Frank P. Hixon Professor of Neurobiology
B.A., University of Virginia, 1965; A.M., University of Chicago, 1968; Ph.D., 1971. Assistant Professor, Caltech, 1974-77; Associate Professor, 1977-84; Professor, 1984-89; Hixon Professor, 1989-.

Paolo Aluffi, Visiting Associate in Mathematics

R.M (Michael) Alvarez, Ph.D., Professor of Political Science
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Carlos Alvarez-Nogal, Visiting Associate in History

Oscar S Alvarez-Salazar, Lecturer in Aerospace

Aaron D Ames, Ph.D., Bren Professor of Mechanical and Civil Engineering and Control and Dynamical Systems
B.S., University of St. Thomas, 2001; B.A., University of St. Thomas, 2001; M.A., University of California, Berkeley, 2006; Ph.D., 2006. Lecturer, Caltech, 2007; Professor, 2017; Bren Professor, 2017-.

Zavosh Amir Khosravi, Olga Taussky and John Todd Instructor in Mathematics
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Jean Paul (Pablo) Ampuero Saenz, Ph.D., Professor of Seismology
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Brooke Anderson, Lecturer in Biology and Biological Engineering

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A.B., Harvard University, 1978; Ph.D., Rockefeller University, 1983. Assistant Professor, Caltech, 1986-92; Associate Professor, 1992-96; Professor, 1996-2004; Roger W. Sperry Professor, 2004-09; Benzer Professor, 2009-; Chen Institute for Neuroscience Leadership Chair, 2017-; HHMI Investigator, 1989-; Director, 2017-.

Jose E Andrade, Ph.D., George W. Housner Professor of Civil and Mechanical Engineering; Cecil and Sally Drinkward Leadership Chair, Department of Mechanical and Civil Engineering; Executive Officer for Mechanical and Civil Engineering
B.S., Florida Institute of Technology, 2001; M.S., Stanford University, 2003; PhD, 2006. Assistant Professor, Caltech, 2010; Associate Professor, 2010-13; Professor, 2013-17; Housner Professor, 2017-; Drinkward Leadership Chair, Department of Mechanical and Civil Engineering, 2017-; Executive Officer, 2016-.

Fred C Anson, Ph.D., D.h.c., Elizabeth W. GIlloom Professor of Chemistry, Emeritus
B.S., Caltech, 1954; Ph.D., Harvard University, 1957; D.h.c., University of Paris VII, 1993. Instructor, Caltech, 1957-58; Assistant Professor, 1958-62; Associate Professor, 1962-68; Professor, 1968-95; Gilloom Professor, 1995-2001; Gilloom Professor Emeritus 2001-. Executive Officer for Chemistry, 1973-77; Chairman, Division of Chemistry and Chemical Engineering, 1984-94.
Kristin Antelman, University Librarian

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B.S., Caltech, 1966; Ph.D., University of Wisconsin, 1969. Bateman Research Instructor, Caltech, 1970-72; Assistant Professor, 1972-74; Associate Professor, 1974-76; Professor, 1976-96; Hanisch Professor, 1996-2013; Hanisch Professor, Emeritus, 2013-; Executive Officer for Mathematics, 1991-94.

Domniki Asimaki, Ph.D., Professor of Mechanical and Civil Engineering
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Harry A Atwater, Ph.D., Howard Hughes Professor of Applied Physics and Materials Science; Director, Joint Center for Artificial Photosynthesis
B.S., Massachusetts Institute of Technology, 1982; M.S., 1983; Ph.D., 1987. Assistant Professor, Caltech, 1988-94; Associate Professor, 1994-99; Professor of Applied Physics and Materials Science, 1999-2002; Howard Hughes Professor, 2002-; Director of Resnick Sustainability Institute, 2009-15; Director of Joint Center for Artificial Photosynthesis, 2014-.

Basilé G Audoly, Ph.D., Moore Distinguished Scholar

Joanna M Austin, Ph.D., Professor of Aerospace

Amir S (Salman) Avestimehr, Visiting Associate in Electrical Engineering

Jean-Philippe Avouac, Ph.D., Earle C. Anthony Professor of Geology and Mechanical and Civil Engineering

Janina S Bahnemann, Visiting Associate in Environmental Science and Engineering

Clare V Baker, Visiting Associate in Biology and Biological Engineering

John D Baker, Lecturer in Aerospace

John D Balduchiewier, Ph.D., J. Stanley Johnson Professor and Professor of Chemistry, Emeritus B.Chem.E., Cornell University, 1956; Ph.D., University of California, 1959. Professor, Caltech, 1973-96; Johnson Professor and Professor of Chemistry, 1996-99; Johnson Professor and Emeritus, 1999-. Chairman, Division of Chemistry and Chemical Engineering, 1973-78.

David Baltimore, Ph.D., D.Sc.h.c., D.Phil.h.c., Nobel Laureate, President Emeritus; Robert Andrews Millikan Professor of Biology B.A., Swarthmore College, 1960; Ph.D., Rockefeller University, 1964; D.Sc.h.c., Swarthmore College; Mount Holyoke College; Mount Sinai Medical Center; Bard College; University of Helsinki; Cold Spring Harbor Laboratory; University of Alabama; California Polytechnic State University; Columbia University; Yale University; Rockefeller University; Harvard University; D.Phil.h.c., Weizmann Institute of Science. Professor, Caltech, 1997-2006; Millikan Professor, 2006-. President, 1997-2006, President Emeritus, 2006-.


Barry C Barish, Ph.D., Laurea h.c., Ronald and Maxine Linde Professor of Physics, Emeritus B.A., University of California, 1957; Ph.D., 1962; Laurea, h.c., University of Bologna. Research Fellow, Caltech, 1963-66; Assistant Professor, 1966-69; Associate Professor, 1969-72; Professor, 1972-91; Linde Professor, 1991-2005; Linde Professor Emeritus, 2005-. Principal Investigator of LIGO, 1994-97; Director, LIGO, 1997-2006.

Alan H (Al) Barr, Ph.D., Professor of Computer Science B.S., Rensselaer Polytechnic Institute, 1973; M.S., 1976; Ph.D., 1983. Research Fellow, Caltech, 1984; Assistant Professor, 1984-90; Associate Professor, 1990-98; Professor, 1998-; Executive Officer for Computer Science, 2000-01.


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Geoffrey A (Geoff) Blake, Ph.D., Professor of Cosmochemistry and Planetary Sciences and Professor of Chemistry B.S., Duke University, 1981; Ph.D., Caltech, 1986. Assistant Professor of Cosmochemistry, 1987-93; Associate Professor of Cosmochemistry and Planetary Sciences, 1993-97; Professor, 1997-99; Professor of Cosmochemistry and Planetary Sciences and Professor of Chemistry, 1999-. Deputy Director, Owens Valley Radio Observatory, 2000-06; Master of Student Houses, 2009-14.

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Felix H Boehm, Ph.D., William L. Valentine Professor of Physics, Emeritus Dipl., Federal Institute of Technology (Zurich), 1948; Ph.D., 1951. Research Fellow, Caltech, 1953-55; Senior Research Fellow, 1955-58; Assistant Professor, 1958-59; Associate Professor, 1959-61; Professor, 1961-85; Valentine Professor, 1985-95; Valentine Professor Emeritus, 1995-.
Kim C Border, Ph.D., Professor of Economics
B.S., Caltech, 1974; Ph.D., University of Minnesota, 1979. Assistant Professor, Caltech, 1979-83; Associate Professor, 1983-95; Professor, 1995-. Executive Officer for the Social Sciences, 1995-99.

Simona Bordoni, Ph.D., Professor of Environmental Science and Engineering
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Charles M (Matt) Bradford, Visiting Associate in Physics

Samuel C Bradford, Visiting Associate in Aerospace

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James B (Jim) Breckinridge, Visiting Associate in Aerospace

Louis Breger, Ph.D., Professor of Psychoanalytic Studies, Emeritus
B.A., University of California (Los Angeles), 1957; M.A., Ohio State University, 1959; Ph.D., 1961. Visiting Associate Professor of Psychology, Caltech, 1970-71; Associate Professor, 1971-80; Associate Professor of Psychology and the Humanities, 1980-83; Professor of Psychoanalytic Studies, 1983-94; Professor Emeritus, 1994-.

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2000-. Executive Officer for Biology, 1976-80; 1985-89; Associate Chairman of the Division of Biology, 1980-85.


Norman H Brooks, Ph.D., James Irvine Professor of Environmental and Civil Engineering, Emeritus A.B., Harvard College, 1949; M.S., Harvard University, 1950; Ph.D., Caltech, 1954. Instructor in Civil Engineering, 1953-54; Assistant Professor, 1954-58; Associate Professor, 1958-62; Professor, 1962-70; Professor of Environmental Science and Civil Engineering, 1970-76; Irvine Professor of Environmental Engineering Science, 1976-77; Irvine Professor of Environmental Engineering and Civil Engineering 1977-95; Irvine Professor Emeritus, 1995-. Academic Officer for Environmental Engineering Science, 1972-74; Director, Environmental Quality Laboratory, 1974-93; Executive Officer for Environmental Engineering Science, 1985-93.


Michael E (Mike) Brown, Ph.D., Richard and Barbara Rosenberg Professor of Planetary Astronomy A.B., Princeton University, 1987; M.A., University of California, 1990; Ph.D., 1994. Visiting Associate, Caltech, 1995; Assistant Professor, 1997-2002; Associate Professor, 2002-04; Professor, 2005-2008; Rosenberg Professor, 2008-.

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