Section Six

Trustees, Administration, Faculty
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David L. Lee, Vice Chairman
Ronald K. Linde, Vice Chairman

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Edward M. Stolper, Provost

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Controller

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Vice President for Business and Finance

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Vice President and Director, Jet Propulsion Laboratory

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

Anneila I. Sargent
Vice President for Student Affairs

Victoria D. Stratman
General Counsel

Mary L. Webster
Secretary

Wenchi Chen (2012)
President and Chief Executive Officer
VLA Technologies

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

Robert B. Chess (2006)
Chairman
Nektar Therapeutics

Lounette M. Dyer (1998)
Gilad I. Elbaz (2008)
Founder and CEO
Factual Inc.

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

William T. Gross (1994)
Chairman and Founder
Idealab

Narendra K. Gupta (2011)
Co-Founder
Nexus Venture Partners

B. Kipling Hagopian (2012)
Managing Partner
Apple Oaks Partners, LLC

Maria Hummer-Tuttle (2012)
President
Hummer Tuttle Foundation

Robert T. Jenkins (2005)
Chairman and CEO
Glenair, Inc.

Louise Kirkbride (1995)
Board Member
State of California Contractors State License Board

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

Jon B. Kutler (2005)
Chairman and CEO
Admiralty Partners, Inc.

Managing Director
Lavigne Group

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

York Liao (1997)
Managing Director
Winbridge Company Ltd.

Alexander Lidow (1998)
CEO
EPC Corporation

BOARD OF TRUSTEES

Trustees
(with date of first election)

Robert C. Bonner (2008)
Senior Partner
Sentinel HS Group, L.L.C.

Brigitte M. Bren (2009)
Attorney

Jean-Lou Chameau (2006)
President
California Institute of Technology

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

John S. Chen (2008)
Chairman, CEO, and President
Sybase, Inc.
Trustees, Administration, Faculty

Ronald K. Linde (1989)
Independent Investor
Chair, The Ronald and Maxine Linde Foundation
Founder/Former CEO
Envirodyne Industries, Inc.
Shirley M. Malcom (1999)
Director, Education and Human Resources Programs
American Association for the Advancement of Science
Deborah D. McWhinney (2007)
Head of Global Digital Merchant Acquiring
Citi Global Enterprise Payments
Richard Merkin, M.D. (2009)
Founder and CEO
Heritage Provider Network
Philip M. Neches (1995)
Chairman
Foundation Ventures, LLC
Executive Chairman
Ciena Corporation
Peter F. Norton (2006)
President
Norton Family Office
Ronald L. Olson (1998)
Senior Partner
Munger, Tolles & Olson
Stephen R. Onderdonk (1986)
President and CEO (Retired)
Econolite Control Products, Inc.
Pedro J. Pizarro
President
Edison Mission Energy
Chief Executive Officer
Rising Realty Partners
Stephen A. Ross (1993)
Franco Modigliani Professor of Finance and Economics
Massachusetts Institute of Technology, and Chairman
Compensation Valuation, Inc.
James F. Rothenberg (2006)
Chairman and Principal Executive Officer
Capital Research and Management Company
Vice Chairman and CEO
The TCW Group, Inc.
Donald W. Tang (2005)
CEO
CSIP Group
Kevin M. Taweel (2012)
Co-founder, CEO and Chairman
Asurion Corporation
David W. Thompson (2012)
Co-Founder, Chairman, President and CEO
Orbital Sciences Corporation
Founder and Former CEO
Trimble Navigation Ltd.
Lewis W. van Amerongen (2004)
LVA Enterprises, Inc.
Suzanne H. Woolsey (2006)
Corporate Governance Consultant
Richmond A. Wolf (2011)
Vice President
Capital World Investors

Senior Trustees
(with date of first election and date of election as Senior Trustee)
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Coastview Capital
Lynn A. Booth (2012)
Founding Partner
Mohr Davidow Ventures
President Emeritus
California Institute of Technology
Frederick J. Hameetman (2006, 2012)
Chairman
American Group
Shirley M. Hufstedler (1975, 1997)
Senior Of Counsel
Morrison & Foerster
Professor, Lyndon B. Johnson Centennial Chair in National Policy
The University of Texas at Austin
Kent Kresa (1994, 2010)
Chairman Emeritus
Northrop Grumman Corporation
A. Michael Lipper (2005, 2007)
President and CEO
Lipper Advisory Services, Inc.
Chairman
Roll International Corp.
Walter L. Weisman (1988, 2007)
Former Chairman and CEO
American Medical International, Inc.
Life Members
(with date of first election and date of
election as Life Trustee)
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Chairman and CEO
Arnel and Affiliates
Chairman (Retired)
Bechtel Group, Inc.
Chairman of the Board
The Irvine Company
Eli Broad (1993, 2007)
Founder
The Broad Foundations
President Emeritus
Counselor
Center for Strategic and
International Studies (CSIS)
Walter Burke (1975, 2010)
Treasurer
Sherman Fairchild Foundation, Inc.
Jewel Plummer Cobb (1990, 2005)
President Emerita
California State University,
Fullerton
Harry M. Conger (1985, 2007)
Chairman & CEO, Emeritus
Homestake Mining Company
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Retired Chairman
Seafirst Bank
Camilla C. Frost (1977, 2007)
Trustee of the Chandler Trust
and Director and Secretary-Treasurer
Chandis Securities Company
Chairman and Chief Executive Officer
(Ironics, Inc.
Philip M. Hawley (1975, 1997)
Chairman
P. M. Hawley, Inc.
President and CEO (Retired)
Atlantic Richfield Co.
Chairman Emeritus
Chandis Securities Company
Chairman and CEO (Retired)
Getty Oil Company
Simon Ramo (1964, 1985)
Cofounder & Director Emeritus
TRW Inc.
Principal
Arthur Rock and Company
Benjamin M. Rosen (1986, 2005)
Chairman Emeritus
Charles H. Townes (1979, 1987)
Nobel Laureate and
Professor in the Graduate School
Department of Physics
University of California, Berkeley
Senior Vice President for Public Policy
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N. C. Rising*, S. A. Ross*, J. F.
Rothenberg*, C. R. Trimble*, W. L.
Weisman, G. E. Wilson; Consulting
Members: G. E. Moore, B. M. Rosen;
Advisory Members: D. W. Currie, C.
Elachi, B. K. Lee, A. I. Sargent, E. M.
Stolper, V. D. Stratman
Audit and Compliance Committee—
R. C. Bonner, Chair; P. M. Neches, Vice
Chair; L. Kirkbride, K. Kresa*, L. J.
Lavigne Jr., A. Lidow, R. K. Linde, A.
AC Transaction Conflict Review Committee—R. C. Bonner, Chair ex officio; R. K. Linde, P. M. Neches, S. R. Onderdonk; Advisory Member: V. D. Stratman


Executive Compensation Committee—R. K. Linde, Chair; A. Lidow, Vice Chair; J. E. Bryson, K. Kresa*, D. L. Lee, P. M. Neches, W. L. Weisman; Advisory Members: J.-L. Chameau, J. M. McCallin


Student Experience Committee—L. Kirkbride, Chair; P. J. Pizarro, Vice Chair; J.-L. Chameau*, M. M. Chang, R. * ex officio member

Trustees, Administration, Faculty

Technology Transfer Committee—

Transaction Review Subcommittee
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President

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Provost

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Vice President for Business and Finance
Hall P. Daily
Director of Government Relations
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Vice President for Development and Institute Relations
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Chair of the Faculty
Melany L. Hunt
Vice Provost

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*Dean of Students*

Julia McCallin  
*Associate Vice President for Human Resources*

Sharon E. Patterson  
*Associate Vice President for Finance and Treasurer*

Scott Richland  
*Chief Investment Officer*

Anneila I. Sargent  
*Vice President for Student Affairs*

Joseph E. Shepherd  
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Mary L. Webster  
*Secretary, Board of Trustees*

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*General Counsel*

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Jacqueline K. Barton  
*Chemistry and Chemical Engineering*

Ares J. Rosakis  
*Engineering and Applied Science*

Kenneth A. Farley  
*Geological and Planetary Sciences*

Jonathan N. Katz  
*Humanities and Social Sciences*

B. Thomas Soifer  
*Physics, Mathematics and Astronomy*

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**Animal Care and Use** [fills the role of Caltech’s Institutional Animal Care and Use Committee—IACUC] (Reports to the Vice Provost for Research)—R. A. Anderson, *Chair*; J. Alman (alternate), D. Anderson (alternate), J. Baer*, J. Brackman, O. Caglar*, C. M. d’Apuzzo*, P. Dervan (alternate), L. Hsieh-Wilson, K. Lencioni* (alternate), D. J. Mayo*, C. Scislowicz*, C. Zuffada*


**Computing Advisory Committee** (Reports to the Provost and the Vice President for Business and Finance)—B. Fultz, *Chair*; K. C. Border, R. W. Clayton, K. Douglas*, E. Gdoutos†, C. Hallacy‡, G. Jensen, J. Kaiser§, J. McCallin*, B. V. McKoy, A. Mouschovias‡, S. Patterson, D. Rutledge, B. Simon, M. Yurko‡


**Environmental Health and Safety** (Reports to the President)—E. M. Stolper, *Chair*; J. W. Cowell‡, D. W. Currie, A. I. Sargent, C. Scislowicz*


Institute Art (Reports to the Assistant Vice President for Campus and Community Relations)—P. Perona, Chair; A. Boyle, J. Buchwald, F. E. C. Culick, H. P. Daily, G. Gage, C. Klein†, T. Knutson†, D. Kremers, D. Nelson Nash*, T. Schneider, C. S. Smith, C. Theodoris† (alternate), L. Yeung†

Performing and Visual Arts (Reports to the Vice President for Student Affairs)—S. C. Frautschi, Chair; P. D. Asimow, J. Barry, D. Bing, D. Brophy, G. Dodd, P. T. Hoffman, J. Jewell, J. Leder-Luis, D. Nelson Nash, N. Pierce, J. D. Roberts


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

Sponsored Research (Reports to the Provost)—B. V. McKoy, Chair; P. H. Bellan, T. H. Heaton, J. O. Ledyard, P. H. Patterson, R. P. Seligman*, N. C. Yeh


* ex officio member
† representing graduate students
‡ representing undergraduate students
§ representing postdoctoral scholars

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FACULTY OFFICERS AND COMMITTEES 2012–13

Officers
Chair: S. M. Haile
Vice Chair: J. O. Dabiri
Secretary: F. Cowie

Faculty Board
J. F. Adkins, 2013
J.-P. Avouac, 2015
J. F. Brady, 2013
W. Brown, 2014
M. Desbrun, 2015
J. M. Eiler, 2014
R. C. Flagan, 2013
B. Fultz, 2014
J. M. Jackson, 2015
M. B. Kennedy, 2014
B. J. McKeon, 2015
H. Ooguri, 2014
P. Perona, 2013
J. C. Peters, 2014
B. M. Simon, 2013
J. A. Tropp, 2015
N. C. Yeh, 2015

Ex Officio:
J. K. Barton
J.-L. Chameau
K. A. Farley
J. N. Katz
D. R. Kiewiet
S. L. Mayo
A. J. Rosakis
A. I. Sargent
J. E. Shepherd
B. T. Soifer
E. M. Stolper

Steering
S. M. Haile, Chair*
J. F. Adkins
F. Cowie*
J. O. Dabiri*
M. Gharib
M. L. Hunt
M. B. Kennedy
H. Ooguri
J. Peters
E. M. Stolper*
H. B. Newman, 2015  
D. C. Rees, 2014  
P. Schroeder, 2014

**Educational Outreach**  
M. Feingold, *Chair*  
M. Bronner, 2013  
S. Golwala, 2013  
J. A. Johnson, 2013  
N. Lapusta, 2015

**Exchange Programs and Study Abroad (CEPSA)**  
H. B. Newman, *Chair*  
J. P. Ampuero Saenz, 2015  
M. Bronner, 2014  
J. R. Goodstein (non-voting)  
T. C. Ho, 2014  
M. N. Morley*  
D. J. Stevenson, 2013  
L. Stolper*  
A. F. Thompson, 2015

**Foreign Students and Scholars**  
A. G. Siapas, *Chair*  
J. -P. Avouac, 2014  
M. Gooding*  
H.-M. Muller, 2013  
Z. G. Wang, 2015

**Freshman Admissions**  
K. C. Border, *Chair*  
M. Aschbacher, 2013  
W. C. Brown, 2014  
T. Colonius, 2014  
M. Flach, 2014  
S. H. Low, 2014  
R. J. McEliece, 2014  
B. J. McKeon, 2014  
H. Ooguri, 2015  
J. H. Schwarz, 2013  
D. J. Stevenson, 2015  
J. Stock, 2014  
V. Tsai, 2014  
D. Tsao, 2015  
K. J. Vahala, 2014  
N. Wey-Gomez, 2015  
J. Whitney*  
C. Yang, 2014

**Graduate Studies**  
J. R. Leadbetter, Chair*  
P. D. Asimow*  
R. W. Clayton*  
P. B. Dervan*  
F. M. Echenique*  
B. T. Fultz*

K. P. Giapis*  
S-A. Hajimiri*  
B. A. Hay*  
T. H. Heaton*  
C. M. Hirata*  
J. M. Jackson*  
A. S. Kechris*  
J. L. Kirschvink*  
N. Lapusta*  
D. I. Meiron*  
R. M. Murray*  
M. Okumura*  
H. Owhadi*  
R. B. Phillips*  
N. A. Pierce*  
F. C. Porter*  
G. R. Rossman*  
J. E. Shepherd*  
S. Shimojo*  
D. J. Stevenson*  
S. Troian*  
C. M. Umans*  

**Health**  
C. Yang, *Chair*  
K. Austin*  
K. C. Border, 2013  
M. Flach, 2013  
A. Isella, 2015  
H. A. Lester, 2013  
S. C. Miller,*  
B. Mitchell*  
A. C. Readhead, 2015

**Institute Programs**  
J. Cohen, *Chair*  
D. Bing*  
P. B. Dervan*  
J. R. Greer, 2015  
K. Haugen, 2013  
J. Pine, 2013  
Z. G. Wang, 2015

**Library**  
J. H. Richards, *Chair*  
W. C. Brown, 2013  
S. G. Djorgovski, 2015  
K. Douglas*  
B. L. Ehman, 2015  
R. C. Flagan, 2014  
T. B. Graber, 2015  
A. N. Kapustin, 2013  
J. M. Koosser, 2013  
S. E. Reisman, 2014  
P. W. Sternberg, 2015

*ex officio member*
Membership and Bylaws
J. O. Dabiri, Chair*
K. S. Border, 2014
F. Cowie*
D. A. Dougherty, 2014
R. M. Murray, 2014
T. Schneider, 2014
B. M. Simon, 2014

Nominating
J. M. Eiler, Chair
J. F. Brady, 2013
F. Cowie*
H. Ooguri, 2013
P. Perona, 2013
A. G. Sipas, 2013

Patents and Relations with Industry
J. Bruck, Chair
F. H. Arnold, 2015
K. Bhattacharya, 2013
R. F. Ismagilov, 2015
S. H. Low, 2014
B. J. McKeon, 2013
N. A. Pierce, 2014
K. J. Vahala, 2014

Scholarships and Financial Aid
G. Rafael, Chair
K. C. Border*
D. Crewell*
M. C. Cross, 2015
K. Douglas, 2014
D. R. Kiewiet*
J. L. Kirschvink, 2013
J. Whitney*

Student Housing
P. D. Asimow, Chair
J. P. Ampuero-Saenz, 2015
G. A. Blake*
P. Daily (non-voting)
T. K. Dennison, 2013
D. R. Kiewiet*
S. Krishnan, 2014
T. Mannion (non-voting)
B. Mitchell*
J. Shepherd*
E. Snowberg, 2014
P. Wennberg, 2014

Upperclass Admissions
R. M. Murray, Chair
J. W. Burdick, 2014
M. Effros, 2013
T. B. Graber, 2013
K. L. Haugen, 2015
C. M. Hirata, 2014
M. N. Morley*
J. Whitney*

*ex officio member
STAFF OF INSTRUCTION AND RESEARCH

Division of Biology
Stephen L. Mayo, William K. Bowes Jr. Foundation Chair
Raymond Deshaies, Executive Officer for Molecular Biology
Henry A. Lester, Executive Officer for Neurobiology

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

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

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. Boswell Professor of Neuroscience

David J. Anderson, Ph.D.¹
Seymour Benzer Professor of 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.¹
Max Delbrück 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.¹
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.
Grace C. Steele Professor of Biology
Michael Elowitz, Ph.D.¹
Biology and Bioengineering
Scott E. Fraser, Ph.D.
Anna L. Rosen Professor of Biology and Professor of Bioengineering
Bruce A. Hay, Ph.D.
Biology
Grant J. Jensen, Ph.D.¹
Biology
Mary B. Kennedy, Ph.D.
Allen and Lenabelle Davis Professor of Biology
Christof Koch, Ph.D.
Lois and Victor Troendle Professor of Cognitive and Behavioral Biology and Professor of Computation and Neural Systems
Masakazu Konishi, Ph.D.
Bing Professor of Behavioral Biology
Henry A. Lester, Ph.D.
Bren Professor of Biology
Stephen L. Mayo, Ph.D.
Bren Professor of Biology and Chemistry
Sarkis Mazmanian, Ph.D.
Biology
Markus Meister, Ph.D.
Biology

¹ Assistant Professor
Elliot M. Meyerowitz, Ph.D.
George W. Beadle Professor of Biology
Dianne K. Newman, Ph.D.¹
Biology and Geobiology
Paul H. Patterson, Ph.D.
Anne P. and Benjamin F. Biaggini Professor of Biological Sciences
Robert B. Phillips, Ph.D.
Biophysics and Biology
Ellen Rothenberg, Ph.D.
Albert Billings Ruddock Professor of Biology
Shinsuke Shimojo, Ph.D.
Gertrude Baltimore Professor of Experimental Psychology
Athanassios G. Siapas, Ph.D.
Computation and Neural Systems
Angelike Stathopoulos, Ph.D.
Biophysics and Biology
Paul W. Sternberg, Ph.D.¹
Thomas Hunt Morgan 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.
Biology
¹ Joint appointment with Howard Hughes Medical Institute

Assistant Professors
Alexei A. Aravin, Ph.D.
Biology
Lea Goentoro, Ph.D.
Biology
Viviana Gradinaru, Ph.D.
Biology
David Prober, Ph.D.
Biology
Doris Ying Tsao, Ph.D.
Biology

Lecturers
Alphan Altinok, Ph.D.
L. Elizabeth Bertani, Ph.D.
Jane E. Mendel, Ph.D.
Leonard Mlodinow, Ph.D.
Molly Phillips
Andrew Steele, Ph.D.
Nora Sullivan, Ph.D.
Thai V. Truong, Ph.D.
Carol Chace Tydell, Ph.D.
Daniel A. WAGENAAR, Ph.D.

Senior Research Associates
R. Andrew Cameron, Ph.D.
Akiko Kumagai, Ph.D.
Mary An-yuan Yui, Ph.D.

Senior Research Fellows
Bader Al-Anzi, Ph.D.
Stijn Cassenaer, Ph.D.
Vijay S. Chickarmane, Ph.D.
Benjamin Deverman, Ph.D.
Katalin Fejes Toth, M.D., Ph.D.
EunJung Hwang, Ph.D.
Mihoko Kato, Ph.D.
Evgeniy V. Lubenov, Ph.D.
Julie Miwa, Ph.D.
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Zachary Nimchuk, Ph.D.
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Andy Steele, Ph.D.
Kaoru Sugimoto, Ph.D.
Le A. Trinh, Ph.D.
Qiang Tu, Ph.D.
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Guangying Wu, Ph.D.
Cheng Xiao, M.D., Ph.D.

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

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Cristina Calestina, Ph.D.
Michael Collins, Ph.D.
Maria Elena deBellard, Ph.D.
Sean Elliott, Ph.D.
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Ueli Rutishauser, Ph.D.
Qi Zhao, Ph.D.

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Russell E. Jacobs, Ph.D.

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Xiaowei Zhang, Ph.D.
Jie Zhou, Ph.D.

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Ron Diskin, Ph.D.

Postdoctoral Scholars

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Constantinos Anastassiou, Ph.D.
Yaron Antebi, Ph.D.
Todd Anthony, Ph.D.
Kenta Asahina, Ph.D.
Hiroti Asari, Ph.D.
Young-Kyung Bae, Ph.D.
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Alejandro Balazs, Ph.D.
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Morgan Beeby, Ph.D.¹
Michael Bethune, Ph.D.
Lacramioara Bintu, Ph.D.
James Bonaiuto, Ph.D.
Lindsay Bremner, Ph.D.
Haijiang Cai, Ph.D.
Robert Carrillo, Ph.D.
Sridhara Chakravarthy, Ph.D.
Ameya Champhekar, Ph.D.
Nickie Chan, Ph.D.¹
Kuang-Jung Chang, Ph.D.
Yi-Wei Chang, Ph.D.
Songye Chen, Ph.D.
Yung-Chia Chen, Ph.D.
Xueqi Cheng, Ph.D.
Vikram Chib, Ph.D.
Vasileios Christopoulos, Ph.D.
Hiutung Chu, Ph.D.
Trinity Brian Crapse, Ph.D.
Sagar Subhash Damle, Ph.D.
Wilen den Besten, Ph.D.
Fangyuang Ding, Ph.D.
Meenakshi Kshirsagar Doma, Ph.D.
David Doughty, Ph.D.¹
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Nathan Faiivre, Ph.D.
Shawnalea Frazier, Ph.D.
Mayra Garcia, Ph.D.
William Tyler Gibson, Ph.D.
Xoana Gonzalez Troncoso, Ph.D.
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