Section Six

Trustees, Administration, Faculty
OFFICERS

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Ronald K. Linde, Vice Chairman

Thomas F. Rosenbaum, President
Edward M. Stolper, Provost

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Controller
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

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
Peggy L. Cherng (2012)
Co-Chairman
Panda Restaurant Group
Robert B. Chess (2006)
Chairman
Nektar Therapeutics
David Dreier (2013)
Chairman
Annenberg-Dreier Commission
Louette M. Dyer (1998)

BOARDS OF TRUSTEES

Trustees
(with date of first election)

Spencer Abraham (2016)
Chairman and Chief Executive Officer
The Abraham Group LLC
Sean Bailey (2015)
President
Walt Disney Studios Motion Picture Production
Barbara M. Barrett (2014)
Sabeer Bhatia (2015)
Chief Executive Officer and Co-Founder
Sabre Technologies, Inc.
Brigitte M. Bren (2009)
Attorney

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
Peggy L. Cherng (2012)
Co-Chairman
Panda Restaurant Group
Robert B. Chess (2006)
Chairman
Nektar Therapeutics
David Dreier (2013)
Chairman
Annenberg-Dreier Commission
Louette M. Dyer (1998)

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)
Co-Founder and Managing Director
Nexus Venture Partners
David Ho (2015)
Scientific Director and Chief Executive Officer
Aaron Diamond AIDS Research Center
Ann Stimminger 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)
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 Chief Executive Officer
Admiralty Partners, 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*  
EPC Corporation

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

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

Mich J. Matthews-Spradlin (2016)  
*Former Chief Executive Officer*  
Citi Enterprise Payments  
Citi Bank

Richard 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

*Co-Chief Executive Officer and Co-Chief Investment Officer*  
Dimensional Fund Advisors

Richard H. Scheller (2014)  
*President and Chief Operating Officer*  
Wells Fargo & Company

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

Kevin M. Tawee (2012)  
*Chairman*  
Asurion Corporation

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

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

*Founding Partner*  
Mohr Davidow Ventures

*President Emeritus*  
California Institute of Technology

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

Frederick J. Hameetman (2006, 2012)  
*Chairman*  
Cal-American

Maria D. Hummer-Tuttle (2012, 2016)  
*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

*Kent Kresa (1994, 2010)*  
*Chairman Emeritus*  
Northrop Grumman Corporation

*Independent Investor*  
Chair, The Ronald and Maxine Linde Foundation

A. Michael Lipper (2005, 2007)  
*President and Chief Executive Officer*  
Lipper Advisory Services, Inc.

*Executive Chairman*  
Ciena Corporation

Peter Norton (2006, 2016)  
*President*  
Norton Family Office

Ronald L. Olson (1998, 2014)  
*Senior Partner*  
Munger, Tolles & Olsen

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

*Chairman and President*  
The Wonderful Company

*Chairman*  
Rising Realty Partners

*Franco Modigliani Professor of Financial Economics*  
Massachusetts Institute of Technology

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

*Managing Director*  
Coastview Capital

*Senior Partner*  
Sentinel HS Group, L.L.C.

Lynn A. Booth (2011)  

Trustees, Administration, Faculty
Marc I. Stern (2014, 2016)
Chairman
The TCW Group, Inc.
Founder and Former Chief Executive Officer
Trimble Navigation Ltd.
Lewis W. van Amerongen (2004, 2012)
LvA Enterprises, Inc.
Walter L. Weisman (1988, 2007)
Former Chairman and Chief Executive Officer
American Medical International, Inc.
Nonprofit Consultant
Woolsey Partners, L.L.C.

Life Members
(with date of first election and date of election as Life Trustee)
George L. Argyros (1992, 2008)
Chairman and Chief Executive Officer
Arnel and Affiliates
Senior Director
Bechtel Group, Inc.
Chairman of the Board
The Irvine Company
Eli Broad (1993, 2007)
Founder
The Eli and Edythe Broad Foundation
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 & Chief Executive Officer, Emeritus
Homestake Mining Company
Richard P. Cooley (1973, 2007)
Retired Chairman
Seafirst Bank
Camilla C. Frost (1977, 2007)
Chairman and Chief Executive Officer (Retired)
Ionics, Inc.

Philip M. Hawley (1975, 1997)
Chairman
P. M. Hawley, Inc.
Chairman Emeritus
Chairman Emeritus
Intel Corporation
Chairman and Chief Executive Officer (Retired)
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

Honorary Life Member
Betty I. Moore
Cofounder
Gordon and Betty Moore Foundation

Standing Committees

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


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


* ex officio member


*ex officio member

**Administrative Officers**

Thomas F. Rosenbaum
President

Edward M. Stolper
Provost

Kaushik Bhattacharya
Vice Provost

Hall P. Daily
Director of Government Relations

Richard E. Fagen
Chief Information Officer

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

Julia McCallin
Associate Vice President for Human Resources

Sharon E. Patterson
Associate Vice President for Finance and Treasurer

Douglas C. Rees
Dean of Graduate Studies

Administrative Officers
Scott Richland  
*Chief Investment Officer*

Joseph E. Shepherd  
*Vice President for Student Affairs*

Victoria D. Stratman  
*General Counsel*

Margo Steurbaut  
*Vice President of Administration and Chief Financial Officer*

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

Mary L. Webster  
*Secretary, Board of Trustees*

Cindy A. Weinstein  
*Vice Provost*

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**Chairs of Divisions**

Stephen L. Mayo  
*Biology*

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*

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**Administrative Committees**

**Animal Care and Use**  
[fills the role of Caltech’s Institutional Animal Care and Use Committee—IACUC]  

**Benefits**  

**Biosafety**  
[fills the role of Caltech’s Institutional Biosafety Committee—IBC]  

**Computing Advisory Committee**  
(Reports to the Provost and the Vice President of Administration and Chief Financial Officer)—B. Fultz, *Chair*; R. W. Clayton, R. E. Fagen, M. Goulet‡, P. E. Hopkins, G. J. Jensen, J. T. Kaiser§, Y. P. Leong§, J. M. McCallin*, B. V. McKoy, S. E. Patterson, T. Port‡, A. T. Ryan‡, M. S. Shum, B. M. Simon

**Council on Undergraduate Education**  

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

**Institute Academic Council**  

**Institute Administrative Council**  
FACULTY OFFICERS AND COMMITTEES 2016–17

Officers
Chair: R. C. Flagan
Vice Chair: M. B. Kennedy
Secretary: K. L. Haugen

Faculty Board
D. Asimaki, 2019
P. D. Asimow, 2019
G. A. Blake, 2018
J. Bruck, 2017
W. M. Clemons, 2018
M. Desbrun, 2018
S. G. Djorgovski, 2017
B. W. Filippone, 2017
S. A. Hajimiri, 2018
A. P. Ingersoll, 2017
H. A. Lester, 2017
T. F. Miller, 2019
O. J. Painter, 2019
A. Stathopoulos, 2017
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
E. M. Stolper

Steering
R. C. Flagan, Chair
M. Gharib
K. L. Haugen
M. B. Kennedy
E. M. Stolper
C.A. Weinstein
Academic Freedom and Tenure
K. A. Farley, Chair
L. Hillenbrand, 2017
C. Jurca, 2018
P. Perona, 2018
M. Spiropulu, 2018
J. M. Stock, 2018

Academic Policies
C. R. Hitchcock, Chair
B. Hassibi, 2018
M. B. Kennedy, 2017
C. S. Parker, 2018
J. Pine, 2017
A. L. Sessions, 2017

Athletics and Physical Education
T. K. Dennison, Chair
B. W. Filippone, 2017
P. T. Hoffman, 2019
M. R. Hoffmann, 2017
J. L. Kirschvink, 2019
B. Mitchell*
A. G. Siapas, 2018
B. M. Stoltz, 2018
J. Whitney*

Convocations
W. C. Brown, Chair
K. M. Gilmartin*
M. B. Kennedy*
D. Prober, 2019
D. C. Rees*
P. Schroeder, 2019
L. Yariv, 2019
N. C. Yeh, 2017

Core Curriculum Steering
J. F. Hall, Chair
M. Flach, 2017
K. M. Gilmartin*
P. T. Hoffman, 2017
M. L. Hunt, 2018
C. Jurca, 2017
M. N. Morley*
M. Okumura, 2017
R. B. Patterson, 2018
B. M. Stoltz, 2017
K. G. Zinn, 2019

Curriculum
A. J. Weinstein, Chair
R. W. Clayton, 2018
K. M. Gilmartin*
L. Hsieh-Wilson, 2018
G. J. Jensen, 2017
M. N. Morley*
E. S. Phinney, 2019
P. Schroeder, 2017

Exchange Programs and Study Abroad (CEPSA)
H. B. Newman, Chair
T. Agapie, 2018
J. P. Ampuero Saenz, 2018
M. Bronner, 2017
M. Desbrun, 2019
A. Emami, 2017
M. N. Morley*
J. P. O’Doherty, 2019
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, 2017
A. G. Siapas, 2017
I. Smith*

Freshman Admissions
P. D. Asimow, Chair
M. Aschbacher, 2019
J. L. Beauchamp, 2017
D. Gilmore, 2018
N. H. Katz, 2017
K. G. Libbrecht, 2017
S. R. Quartz, 2019
S. Shimojo, 2017
D. J. Stevenson, 2018
C. M. Umans, 2018
J. Whitney*

Graduate Studies
V. Chandrasekaran*
H. Choo*
R. W. Clayton*
W. M. Clemons*
Faculty Officers and Committees

Membership and Bylaws
M. B. Kennedy, Chair
K. L. Haugen*
K. C. Border, 2019
M. Effros, 2018
N. S. Lewis, 2019
B. Wernick, 3018

Nominating
G. A. Blake, Chair
T. Agapie, 2017
M. Desbrun, 2017
M. H. Dickinson, 2017
B. W. Filippone, 2017
T. R. Palfrey, 2017

Patents and Relations with Industry
S. H. Low, Chair
R. J. Deshaies, 2019
K. P. Giapis, 2019
R. F. Ismagilov, 2018
N. A. Pierce, 2017
M. L. Roukes, 2018
K. J. Vahala, 2017

Scholarships and Financial Aid
N. Wey-Gomez, Chair
P. D. Asimow*
D. Crewell*
F. Eberhardt, 2018
K. M. Gilmartin*
D. M. Kochmann, 2017
C. S. Parker, 2018
G. Refael, 2018
S. Shimojo, 2019
J. Whitney*

Student Life and Housing
G. A. Blake, Chair
A. Aravin, 2017
J. L. Beauchamp, 2019
J. G. Cohen, 2018
K. M. Gilmartin*
K. A. Ligett, 2017
T. Mannion (non-voting)
B. Mitchell*
D. C. Rees*
E. Snowberg*
V. C. Tsai, 2017
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, 2017
M. H. Dickinson, 2018
K. M. Gilmartin*
J. R. Heath, 2018
M. N. Morley*
F. C. Porter, 2018

Upperclass Admissions
D. Asimaki, Chair
M. Guttman, 2018
J. A. Jahner, 2019
M. P. Lamb, 2019
S. H. Low, 2019
B. J. McKeon, 2019
T. F. Miller, 2019
M. N. Morley*
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
Raymond Deshaies, Executive Officer for Molecular Biology
Marianne Bronner, Executive Officer for Neurobiology
Michael Elowitz, Executive Officer for Biological Engineering

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 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.,
Seymour Benzer Professor of Biology
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; Executive Officer for Neurobiology
Judith L. Campbell, Ph.D.
Chemistry and Biology
David C. Chan, M.D., Ph.D.
Biology
Raymond Deshaies, Ph.D.,
Biology; Executive Officer for Molecular 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.,
Biological Engineering; Executive Officer for Biological Engineering
Morteza Gharib, Ph.D.
Hans W. Liepmann Professor of Aeronautics and Bioinspired Engineering; Vice Provost
Bruce A. Hay, Ph.D.
Biology
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.,
Biophysics and Biology
Mary B. Kennedy, Ph.D.
Allen and Lenabelle Davis Professor of Biology

1 Joint appointment with Howard Hughes Medical Institute
Henry A. Lester, Ph.D.  
_Bren Professor of 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_

Markus Meister, Ph.D.  
_Anne P. and Benjamin F. Biaggini Professor of Biological Sciences_

Elliot M. Meyerowitz, Ph.D.  
_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_

Robert B. Phillips, Ph.D.  
_Fred and Nancy Morris Professor of Biophysics and Biology_

Niles A. Pierce, Ph.D.  
_Professor of Applied and Computational Mathematics and Bioengineering_

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_

Angeliki Stathopoulos, Ph.D.  
_Biology_

Paul W. Sternberg, Ph.D.  
_Thomas Hunt Morgan Professor of Biology_

Doris Ying Tsao, Ph.D.  
_Biology_

Alexander J. Varshavsky, Ph.D.  
_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.  
_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_

Mitchell Guttman, Ph.D.  
_Biology_

Elizabeth J. Hong, Ph.D.  
_Neuroscience_

Yuki Oka, Ph.D.  
_Biology_

David Prober, Ph.D.  
_Biology_

Lulu Qian, Ph.D.  
_Bioengineering_

_1 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 Bremner, Ph.D.  
Andres Collazo, Ph.D.  
Alexandre Cunha, Ph.D.  
Ciro Donelak, Ph.D.  
Julie Hoy, Ph.D.  
Santiago V. Lombeyda, Ph.D.  
Danny Petrasek, Ph.D.  
Andrew Steele, Ph.D.  
Carol Chace Tydell, DVM

**Research Professors**

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.
Eric Hoopfer, Ph.D.

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

Visiting Professors
Kevin R. Foster, Ph.D.
Ivo Grosse, Ph.D.
Carl O. Pabo, Ph.D.

Visiting Associates
Takuya Akashi, Ph.D.
Clare Baker, Ph.D.
Elaine L. Bearer, Ph.D., M.D.
William L. Caton III, M.D.
Scott Fraser, Ph.D.
Jordi Garcia-Ojalvo, Ph.D.
Elaine Hsiao, Ph.D.
Yongning He, Ph.D.
Russell E. Jacobs, Ph.D.
Brian Lee, M.D., Ph.D.
Carmel Levitan, Ph.D.
Charles Liu, M.D., Ph.D.
Jane Liu, Ph.D.
Eric Mjolsness, Ph.D.
Maria Angela Nieto, Ph.D.
Alexandre Okano, Ph.D.
Animesh Ray, Ph.D.
Carmie Puckett Robinson, M.D.
Ian Ross, M.D.
Ueli Rutishauser, Ph.D.
Mohammad Hassan Abdelrahman Shehata, Ph.D.
Aleksandra Sherman, Ph.D.
Armand R. Tanguay, Ph.D.
Matthew Thomson, Ph.D.
Tarciso Velho, Ph.D.
Rebecca Maria Voorhees, Ph.D.

Member of the Beckman Institute
Sonja Hess, Ph.D.

Members of the Professional Staff
Igor Antoshechkin, Ph.D.
Janet F. Baer, D.V.
L. Elizabeth Bertani, Ph.D.
Stijn Cassenaer, Ph.D.
Bruce Cohen, Ph.D.
Andres Collazo, Ph.D.
Benjamin E. Deverman, Ph.D.
Rochelle A. Diamond, B.A.
Ali Khoshnian, Ph.D.
Evgeniy V. Lubenov, Ph.D.
Hans-Michael Muller, Ph.D.
Ker-hwa Ou, M.S.
Shirley Pease, B.Sc.
Andrew J. Ransick, Ph.D.
Jost Vielmetter, Ph.D.
Anthony P. West, Jr., Ph.D.
Xiaowei Zhang, Ph.D.
Jie Zhou, Ph.D.

Senior Postdoctoral Scholars
Yaron Antebi, Ph.D.
Michael Bethune, Ph.D.
Robert Carrillo, Ph.D.
Ashwin Gopinath, Ph.D.
Hiroynuki Hosokawa, Ph.D.
Nikolai Kandul, Ph.D.
Maria Papadopoulou, Ph.D.
Pavan Ramdya, Ph.D.
Ryan Remedios, Ph.D.
Gil Sharon, Ph.D.
Paul Thomas Tarr, Ph.D.
Grigory Tikhomirov, Ph.D.
Yun Zhou, Ph.D.

Postdoctoral Scholars
Aneesh Acharya, Ph.D.
Eldad Afik, Ph.D.
Tyson Aflalo, Ph.D.
Zsuzsa Akos, Ph.D.
Salome Antolin y Moura de Oliveira e Silva, Ph.D.
Michelle Armenta Salas, Ph.D.
Stefan Badeit, Ph.D.
Sreeram Balasubramanian, Ph.D.
Namrata Bali, Ph.D.
Pinglei Bao, Ph.D.
Brittany Belin, Ph.D.
Megan Bergkessel, Ph.D.
Yazan Nicola Billeh, Ph.D.
Lacramioara Bintu, Ph.D.

Biology and Biological Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
</tr>
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<tbody>
<tr>
<td>Mario Blanco, Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Mark Budde, Ph.D.</td>
<td></td>
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<tr>
<td>Emily Capra, Ph.D.</td>
<td></td>
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<tr>
<td>Stephen Carter, Ph.D.</td>
<td></td>
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<tr>
<td>Moon-Yong Cha, Ph.D.</td>
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<tr>
<td>Collin Challis, Ph.D.</td>
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<tr>
<td>Le Chang, Ph.D.</td>
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<tr>
<td>Shijia Chen, Ph.D.</td>
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<tr>
<td>Shun Jia Chen, Ph.D.</td>
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*Applied Physics and Materials Science*

Ran Libeskind-Hadas, Ph.D.  
*Computing and Mathematical Sciences*
Volnei Pedroni, Ph.D.*  
*In residence 2015–16

**Visiting Associates**

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
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<tr>
<td>Akash Anand</td>
<td>Computing and Mathematical Sciences</td>
</tr>
<tr>
<td>Josette Bellan, Ph.D.</td>
<td>Mechanical and Civil Engineering</td>
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<td>Robert Bogdanowicz, Ph.D.*</td>
<td>Applied Physics and Materials Science</td>
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<tr>
<td>Samuel Case Bradford V, Ph.D.</td>
<td>Aerospace</td>
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<tr>
<td>James B. Breckinridge, Ph.D.</td>
<td>Aerospace</td>
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<tr>
<td>Kerri Lynn Cahoy, Ph.D.*</td>
<td>Aerospace</td>
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<tr>
<td>Se-Myong Chang, Ph.D.</td>
<td>Aerospace</td>
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<tr>
<td>Lijun Chen, Ph.D.</td>
<td>Computing and Mathematical Sciences</td>
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<tr>
<td>Xian Chen, Ph.D.</td>
<td>Mechanical and Civil Engineering</td>
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<tr>
<td>Wan Cheng, Ph.D.</td>
<td>Aerospace</td>
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<tr>
<td>Calum R. I. Chisholm, Ph.D.</td>
<td>Applied Physics and Materials Science</td>
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<tr>
<td>Agustin J. Colussi, Ph.D.</td>
<td>Environmental Science and Engineering</td>
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<tr>
<td>R. Dale Conner, Ph.D.</td>
<td>Applied Physics and Materials Science</td>
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<tr>
<td>Marie Csete, Ph.D.</td>
<td>Medical Engineering</td>
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<td>Stephane Delalande, Ph.D.</td>
<td>Applied Physics and Materials Science</td>
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<tr>
<td>Marios D. Demetriou, Ph.D.</td>
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<td>Robert A. Desharnais, Ph.D.</td>
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<td>M. Houman Fekrazad, Ph.D.</td>
<td>Medical Engineering</td>
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<td>Computing and Mathematical Sciences</td>
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<td>Yuman Fong, M.D.</td>
<td>Medical Engineering</td>
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<td>Seunghoon Han, Ph.D.</td>
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<tr>
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<tr>
<td>Tzung K. Hsiai, Ph.D.</td>
<td>Medical Engineering</td>
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<td>Mechanical and Civil Engineering</td>
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<td>Computing and Mathematical Sciences</td>
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<td>Hans J. Lewerenz, Ph.D.</td>
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