



AC Credit 9: Academic Research

Total Stanford Tenure-Track Faculty: 1,350
Total Tenure-Track Faculty Engaged in Sustainability Research: 346

Faculty Engaged in Sustainability Research:

Faculty Name	Title	Department
Russ Altman	Professor	Symbolic Systems
Nicole Ardoin	Assistant Professor	Emmett Interdisciplinary Program in Environment and Resources
Atilla Aydin	Professor	Geological and Environmental Sciences
Kevin Arrigo	Professor	Environmental Earth System Science
Kenneth Arrow	Professor	Economics
Jeremy Bailenson	Associate Professor	Science, Technology, and Society
Jack Baker	Professor	Civil and Environmental Engineering
Shilajaeet Banerjee	Professor	Mechanical Engineering
Stephen R. Barley	Professor	Management Science and Engineering
Zhenan Bao	Professor	Chemical Engineering
David M. Barnett	Professor	Materials Science and Engineering
William Barnett	Professor	Graduate School of Business
Donald Barr	Professor	Human Biology
Michele Barry	Professor	Medicine
Eran Bendavid	Assistant Professor	Medicine
Lanier Benkard	Professor	Graduate School of Business
Sally Benson	Professor	Energy Resources Engineering
Stacey Bent	Professor	Chemical Engineering
Paul Berg	Professor	Biochemistry
Jonathan Berger	Professor	Music
Gregory Beroza	Professor	Geophysics
Sarah Billington	Professor	Civil and Environmental Engineering
Biondo Biondi	Professor	Computational and Mathematical Engineering
Rebecca Bird	Professor	Anthropology
Doug Bird	Professor	Anthropology
Dennis Bird	Professor	Geological and Environmental Sciences
Brian Blackburn	Associate Professor	Medicine
Barbara Block	Professor	Biosciences
Nicholas Bloom	Professor	Economics
Alexandria Boehm	Associate Professor	Civil and Environmental Engineering
Ronaldo I. Borja	Professor	Civil and Environmental Engineering
Michael Boskin	Professor	Public Policy
Donna Bouley	Professor	Comparative Medicine
Craig Bowman	Professor	Mechanical Engineering
C. Kevin Boyce	Associate Professor	Geological and Environmental Sciences
Stephen Boyd	Professor	Computational and Mathematical Engineering
David W. Brady	Professor	Political Science
Adam Brandt	Assistant Professor	Energy Resources Engineering
Stanley Brodsky	Professor	Particle Physics and Astrophysics (SLAC)
Mark Brongersma	Associate Professor	Materials Science and Engineering
Bryan Brown	Associate Professor	Graduate School of Education
Gordon Brown Jr.	Professor	Geological and Environmental Sciences
Melissa J. Brown	Assistant Professor	Anthropology
Atul Butte	Assistant Professor	Pediatrics
Thomas Byers	Professor	Science, Technology, and Society
Jef Caers	Associate Professor	Energy Resources Engineering
Brian Cantwell	Professor	Aeronautics and Astronautics
Mark Cappelli	Professor	Mechanical Engineering
Karen Casciotti	Assistant Professor	Environmental Earth System Science
Page Chamberlain	Professor	Environmental Earth System Science
Fu-Kuo Chang	Professor	Aeronautics and Astronautics
James K. Chen	Associate Professor	Chemical and Systems Biology
Christopher Chidsey	Associate Professor	Chemistry
Samuel Chiu	Associate Professor	Management Science and Engineering
Steven Chu	Professor	Molecular and Cellular Physiology

William Chueh	Assistant Professor	Materials Science and Engineering
Bruce Clemens	Professor	Materials Science and Engineering
Joshua Cohen	Professor	Public Policy
Craig Criddle	Professor	Civil and Environmental Engineering
Larry Crowder	Professor	Biology
Mariano-Florention Cuellar	Professor	Law
Yi Cui	Associate Professor	Materials Science and Engineering
Mark Cullen	Professor	Medicine
Lisa Curran	Professor	Anthropology
Hongjie Dai	Professor	Chemistry
Gretchen Daily	Professor	Biology
Michele Dauber	Professor	Law
Reinhold Dauskardt	Professor	Materials Science and Engineering
Jennifer Davis	Associate Professor	Emmett Interdisciplinary Program in Environment and Resources
Giulio De Leo	Professor	Biology
Mark W. Denny	Professor	Earth Systems
Thomas Devereaux	Professor	Particle Physics and Astrophysics (SLAC)
Firdaus Dhabar	Associate Professor	Psychiatry and Behavioral Sciences
Noah Diffenbaugh	Associate Professor	Environmental Earth System Science
Jennifer Dionne	Assistant Professor	Materials Science and Engineering
Rodolfo Dirzo	Professor	Global Studies
Sebastian Doniach	Professor	Applied Physics
Persis Drell	Professor	Physics
Robert Dunbar	Professor	Environmental Earth System Science
Eric M. Dunham	Assistant Professor	Geophysics
Jean-Pierre Dupuy	Professor	French and Italian
William Durham	Professor	Human Biology
Louis Durlowsky	Professor	Energy Resources Engineering
John Eaton	Professor	Mechanical Engineering
Paulla Ebron	Associate Professor	Comparative Studies in Race and Ethnicity
Christopher Edwards	Professor	Mechanical Engineering
David Ehrhardt	Assistant Professor	Biology
Paul Ehrlich	Professor	Biology
Kathleen Eisenhardt	Professor	Management Science and Engineering
Abbas El-Gamal	Professor	Electrical Engineering
W. Gary Ernst	Professor	Geological and Environmental Sciences
Walter Falcon	Professor	Emmett Interdisciplinary Program in Environment and Resources
Shanhui Fan	Professor	Electrical Engineering
James M. Fearon	Professor	Political Science
Marcus Feldman	Professor	Biology
Scott Fendorf	Professor	Environmental Earth System Science
James Ferguson	Professor	Anthropology
Russell Fernald	Professor	Biology
Christopher Field	Professor	Environmental Earth System Science
Martin Fischer	Professor	Civil and Environmental Engineering
Ian Randal Fisher	Professor	Applied Physics
Shelley Fisher Fishkin	Professor	English
James Fishkin	Professor	American Studies
Christopher Francis	Associate Professor	Environmental Earth System Science
Curtis Frank	Professor	Chemical Engineering
Zephyr Frank	Associate Professor	Urban Studies
David Freyberg	Associate Professor	Emmett Interdisciplinary Program in Environment and Resources
Oliver Fringer	Associate Professor	Civil and Environmental Engineering
Wolf Frommer	Professor	Biology
Gerald Fuller	Professor	Chemical Engineering
Kelly Gaffney	Associate Professor	Particle Physics and Astrophysics (SLAC)
Christopher Gardner	Associate Professor	Medicine
J. Chris Gerdes	Associate Professor	Mechanical Engineering
Margot Gerritsen	Associate Professor	Computational and Mathematical Engineering
William Gilly	Professor	Biology
David Goldhaber-Gordon	Professor	Particle Physics and Astrophysics (SLAC)
Jeremy Goldhaber-Fiebert	Assistant Professor	Medicine
Andrea Goldsmith	Professor	Electrical Engineering
Kenneth Goodson	Professor	Mechanical Engineering
Deborah Gordon	Professor	Earth Systems
Steven Gorelick	Professor	Environmental Earth System Science

Lawrence Goulder	Professor	Economics
Stephan Graham	Professor	Geological and Environmental Sciences
Mark Granovetter	Professor	Sociology
Hank Greely	Professor	Science, Technology, and Society
Sherril Green	Professor	Comparative Medicine
Avner Greif	Professor	Medieval Studies
Kevin Grimes	Consulting Professor	Chemical and Systems Biology
Marty Grove	Professor	Geological and Environmental Sciences
Leonidas Guibas	Professor	Electrical Engineering
Elizabeth Hadly	Professor	Biology
Ronald Hanson	Professor	Mechanical Engineering
Matthew Harding	Assistant Professor	Economics
James Harris	Professor	Electrical Engineering
Jerry Harris	Professor	Geophysics
Warren Hausman	Professor	Management Science and Engineering
John Haymaker	Assistant Professor	Civil and Environmental Engineering
Siegfried Hecker	Professor	Materials Science and Engineering
Britt Hedman	Professor	Particle Physics and Astrophysics (SLAC)
Martin Hellman	Professor	Electrical Engineering
Sarah Heilshorn	Associate Professor	Materials Science and Engineering
Ursula Heise	Professor	Modern Thought and Literature
Lambertus Hesselink	Professor	Electrical Engineering
Lynn Hildemann	Professor	Civil and Environmental Engineering
George Hilley	Associate Professor	Geological and Environmental Sciences
Keith O. Hodgson	Professor	Chemistry
David Holloway	Professor	Political Science
Roland Horne	Professor	Energy Resources Engineering
Mark Horowitz	Professor	Electrical Engineering
Ronald Howard	Professor	Management Science and Engineering
Roger Howe	Professor	Electrical Engineering
Robert Huggins	Professor	Materials Science and Engineering
Michael Hsieh	Assistant Professor	Urology
Harold Hwang	Professor	Applied Physics
Gianluca Iaccarino	Assistant Professor	Mechanical Engineering
Dan Iancu	Assistant Professor	Graduate School of Business
John Ioannidis	Professor	Medicine
Robert Jackson	Professor	Environmental Earth System Science
Mark Jacobson	Professor	Civil and Environmental Engineering
Thomas Jaramillo	Assistant Professor	Chemical Engineering
Ramesh Johari	Associate Professor	Management Science and Engineering
Iain Johnstone	Professor	Statistics
James Jones	Associate Professor	Anthropology
Matthew Kanan	Assistant Professor	Chemistry
Aharon Kapitulnik	Professor	Applied Physics
Terry Karl	Professor	Political Science
Hemamala Karundasa	Assistant Professor	Chemistry
Jakub Kastl	Assistant Professor	Economics
Leonid Kazovsky	Professor	Electrical Engineering
David Kelley	Professor	Mechanical Engineering
Donald Kennedy	Professor	Biology
Julie Kennedy	Professor	Environmental Earth System Science
Chaitan Khosla	Professor	Chemical Engineering
Butrus Khuri-Yakub	Professor	Electrical Engineering
Abby King	Professor	Health Research and Policy
David Kingsley	Professor	Developmental Biology
Anne S. Kiremidjian	Professor	Civil and Environmental Engineering
Peter Kitanidis	Professor	Civil and Environmental Engineering
Steven Kivelson	Professor	Physics
Herbert Klein	Professor	History
Simon Klemperer	Professor	Geophysics
Rosemary Knight	Professor	Geophysics
Brian Knutson	Associate Professor	Psychology
Cheryl Koopman	Professor	Psychiatry and Behavioral Sciences
Jeffrey Koseff	Professor	Civil and Environmental Engineering
Anthony Kovscek	Professor	Energy Resources Engineering
Christos Kozyrakis	Associate Professor	Computer Science

Jon Krosnick	Professor	Political Science
Ilan Kroo	Professor	Aeronautics and Astronautics
Sanjay Lall	Associate Professor	Aeronautics and Astronautics
Eric Lambin	Provostial Professor	Environmental Earth System Science
Jesse Lawrence	Assistant Professor	Geophysics
James O. Leckie	Professor	Civil and Environmental Engineering
Hau L. Lee	Professor	Graduate School of Business
Larry Leifer	Professor	Mechanical Engineering
Michael Lepech	Assistant Professor	Civil and Environmental Engineering
Jonathan Levav	Associate Professor	Graduate School of Business
Philip Levis	Associate Professor	Computer Science
Raymond Levitt	Professor	Civil and Environmental Engineering
Aaron Lindenberg	Assistant Professor	Materials Science and Engineering
Li Liu	Professor	East Asian Languages and Cultures
Keith Loague	Professor	Geological and Environmental Sciences
David Lobell	Associate Professor	Environmental Earth System Science
Helen Longino	Professor	Feminist, Gender, and Sexuality Studies
Donald Lowe	Professor	Geology and Environmental Sciences
Christopher Lowe	Assistant Professor	Biology
Stephen Luby	Professor	Philosophy
Richard Luthy	Professor	Civil and Environmental Engineering
Beatriz Magaloni	Associate Professor	Civil and Environmental Engineering
Kate Maher	Assistant Professor	Geological and Environmental Sciences
Gail Mahood	Professor	Geological and Environmental Sciences
Ali Mani	Assistant Professor	Mechanical Engineering
Hari Manoharan	Associate Professor	Physics
Wendy Mao	Assistant Professor	Geological and Environmental Sciences
Pamela Matson	Professor	Environmental Earth System Science
Gary Mavko	Professor	Geophysics
Michael May	Professor	Management Science and Engineering
Doug McAdam	Professor	Sociology
Perry McCarty	Professor	Civil and Environmental Engineering
Michael McGehee	Associate Professor	Materials Science and Engineering
Paul McIntyre	Professor	Materials Science and Engineering
Nicholas Melosh	Associate Professor	Materials Science and Engineering
Lynn Meskell	Professor	Archaeology
Fiorenza Micheli	Professor	Anthropology
Elizabeth Miller	Professor	Geological and Environmental Sciences
Grant Miller	Associate Professor	Medicine
Eduardo Miranda	Associate Professor	Civil and Environmental Engineering
Reginald Mitchell	Professor	Mechanical Engineering
Parviz Moin	Professor	Mechanical Engineering
Kathryn Moler	Professor	Physics
Stephen Monismith	Professor	Civil and Environmental Engineering
Andrea Montanari	Associate Professor	Electrical Engineering
Tapan Mukerji	Associate Professor	Energy Resources Engineering
Rosamond Naylor	Professor	Environmental Earth System Science
Lorene Nelson	Associate Professor	Health Research and Policy
Andrew Ng	Associate Professor	Computer Science
Andrea Nightingale	Professor	Classics
Anders Nilsson	Professor	Particle Physics and Astrophysics (SLAC)
Yoshio Nishi	Professor	Electrical Engineering
Jens Norskov	Professor	Chemical Engineering
Jean C. Oi	Professor	Political Science
Susan Olzak	Professor	Sociology
Lynn Orr	Professor	Energy Resources Engineering
Franklin Orr Jr.	Professor	Energy Resources Engineering
Leonard Ortolano	Professor	Civil and Environmental Engineering
Stephen Palumbi	Professor	Biology
Julie Parsonnet	Professor	Health Research and Policy
M Elisabeth Pate-Cornell	Professor	Management Science and Engineering
James M. Patell	Professor	Graduate School of Business
Jonathan Payne	Associate Professor	Geological and Environmental Sciences
William Perry	Professor	Management Science and Engineering
Dmitri Petrov	Professor	Biology
James A Phills	Professor	Graduate School of Business

Piero Pianetta	Professor	Electrical Engineering
Heinz Pitsch	Associate Professor	Mechanical Engineering
Erica Plambeck	Associate Professor	Graduate School of Business
Jim Plummer	Professor	Electrical Engineering
David Pollard	Professor	Geological and Environmental Sciences
Ada Poon	Assistant Professor	Electrical Engineering
Eric Pop	Associate Professor	Electrical Engineering
Balaji Prabhakar	Professor	Computer Science
Manu Prakash	Assistant Professor	Graduate School of Business
John R. Pringle	Professor	Genetics
Friedrich Prinz	Professor	Mechanical Engineering
Beth L. Pruitt	Associate Professor	Mechanical Engineering
Elisabetta Viani Puglisi	Assistant Professor	Structural Biology
Xialiang Qi	Assistant Professor	Physics
Srinivas Raghu	Assistant Professor	Physics
Ram Rajagopal	Assistant Professor	Civil and Environmental Engineering
Bala Rajaratnam	Assistant Professor	Statistics
Hayagreeva Rao	Professor	Graduate School of Business
Evan Reed	Assistant Professor	Materials Science and Engineering
Byron Reeves	Professor	Communication
Mar Reguant	Assistant Professor	Graduate School of Business
Stefan Reichelstein	Professor	Graduate School of Business
Robert Reich	Associate Professor	Public Policy
Dan Reicher	Professor	Law
David Reis	Associate Professor	Applied Physics
Deborah L. Rhode	Professor	Law
John W. Rick	Associate Professor	Anthropology
Thomas Robinson	Professor	Pediatrics
Alberto Salleo	Associate Professor	Materials Science and Engineering
Krishna Saraswat	Professor	Electrical Engineering
Elizabeth Sattely	Assistant Professor	Chemical Engineering
Debra M. Satz	Professor	Ethics in Society
Kenneth Scheve	Professor	Political Science
Gary Schoolnik	Professor	Microbiology and Immunology
Krish Seetah	Assistant Professor	Anthropology
Paul Segall	Professor	Geophysics
Debbi Senesky	Professor	Aeronautics and Astronautics
Ross Schacter	Associate Professor	Biosciences
Michael Shanks	Professor	Classics
Zhi-Xun Shen	Professor	Physics
Linda Shortliffe	Professor	Management Science and Engineering
Robert Siegel	Associate Professor	Microbiology and Immunology
Robert Sinclair	Professor	Materials Science and Engineering
Deborah Sivas	Professor	Law
Norman Sleep	Professor	Geophysics
Olav Solgaard	Professor	Electrical Engineering
Edward Solomon	Professor	Chemistry
George Somero	Professor	Earth Systems
Andrew Spakowitz	Assistant Professor	Chemical Engineering
Alfred Spormann	Professor	Biosciences
Daniel Stack	Associate Professor	Chemistry
Jonathan Stebbins	Professor	Geological and Environmental Sciences
David Stevenson	Professor	Pediatrics
Jeff Strnad	Professor	Law
Joachim Stohr	Professor	Particle Physics and Astrophysics (SLAC)
Jenny Suckale	Assistant Professor	Geophysics
James Swartz	Professor	Bioengineering
James Sweeney	Professor	Management Science and Engineering
Paul Switzer	Professor	Management Science and Engineering
Hamdi Tchelepi	Professor	Energy Resources Engineering
Leif Thomas	Assistant Professor	Environmental Earth System Science
Barton Thompson	Professor	Environmental Earth System Science
Fouad Tobagi	Professor	Electrical Engineering
Edison Tse	Associate Professor	Management Science and Engineering
Shripad Tuljapurkar	Professor	Biology
Benjamin Van Roy	Professor	Electrical Engineering

Tiziana Vanorio	Assistant Professor	Geophysics
Peter Vitousek	Professor	Biology
Jelena Vuckovic	Professor	Electrical Engineering
Greg Walton	Assistant Professor	Psychology
Virginia Walbot	Professor	Earth Systems
Shan Xiang Wang	Professor	Materials Science and Engineering
Michael Wara	Associate Professor	Law
Jessica M. Warren	Assistant Professor	Geological and Environmental Sciences
Ward Watt	Professor	Biology
Robert Waymouth	Professor	Chemistry
Lawrence M. Wein	Professor	Graduate School of Business
Barry Weingast	Professor	Political Science
Paula V. Welander	Assistant Professor	Environmental Earth System Science
Paul Wender	Professor	Chemical and Systems Biology
John Weyant	Professor	Public Policy
Richard White	Professor	History
Jennifer Wilcox	Assistant Professor	Energy Resources Engineering
Frank Wolak	Professor	Economics
H.S. Philip Wong	Professor	Electrical Engineering
S. Simon Wong	Professor	Electrical Engineering
Sylvia Yanagisako	Professor	Asian American Studies
Yinyu Ye	Professor	Management Science and Engineering
Richard Zare	Professor	Chemistry
Howard Zebker	Professor	Geophysics
Shoucheng Zhang	Professor	Physics
Xiaolin Zheng	Assistant Professor	Mechanical Engineering
Mark Zoback	Professor	Geophysics