

Alfred P. Sloan Research Fellowships 2016

The **Alfred P. Sloan Foundation** congratulates the winners of the 2016 Sloan Research Fellowships. These 126 early-career scholars represent the most promising scientific researchers working today. Their achievements and potential place them among the next generation of scientific leaders in the U.S. and Canada. Since 1955, Sloan Research Fellows have gone on to win 43 Nobel Prizes, 16 Fields Medals, 68 National Medals of Science, 15 John Bates Clark Medals, and numerous other distinguished awards.

CHEMISTRY

Yimon Aye
Cornell University

William Chueh
Stanford University

Jillian Dempsey
University of North Carolina, Chapel Hill

Francesco Evangelista
Emory University

Etienne Garand
University of Wisconsin-Madison

Zhen Gu
UNC at Chapel Hill & NC State University

David Harris
Northwestern University

Kami Hull
University of Illinois, Urbana-Champaign

Alexander Miller
University of North Carolina, Chapel Hill

Evan M. Miller
University of California, Berkeley

Delia Milliron
University of Texas, Austin

Amanda Morris
Virginia Tech

Joaquín Rodríguez-López
University of Illinois, Urbana-Champaign

Katherine Ryan
University of British Columbia

Yogesh Surendranath
Massachusetts Institute of Technology

Bozhi Tian
The University of Chicago

Will Tisdale
Massachusetts Institute of Technology

Christopher Uyeda
Purdue University

Qiu Wang
Duke University

Ke Xu
University of California, Berkeley

Guihua Yu
University of Texas, Austin

Wenjun Zhang
University of California, Berkeley

Paul M. Zimmerman
University of Michigan

COMPUTATIONAL & EVOLUTIONARY MOLECULAR BIOLOGY

José Avalos
Princeton University

Ran Blekhman
University of Minnesota

Gloria Brar
University of California, Berkeley

Leonid Chindelevitch
Simon Fraser University

Barbara Engelhardt
Princeton University

Gene-Wei Li
Massachusetts Institute of Technology

Chang Liu
University of California, Irvine

Jian Peng
University of Illinois, Urbana-Champaign

Jenny Tung

Duke University

Golnaz Vahedi
University of Pennsylvania

Jing-Ke Weng
Massachusetts Institute of Technology

Nir Yosef
University of California, Berkeley

COMPUTER SCIENCE

Michael Bernstein
Stanford University

Michael Cafarella
University of Michigan

Matei Ciocarlie
Columbia University

Roxana Geambasu
Columbia University

David Gleich
Purdue University

Abhinav Gupta
Carnegie Mellon University

Daniel Hsu
Columbia University

Shaun Kane
University of Colorado, Boulder

Honglak Lee
University of Michigan

Aleksander Madry
Massachusetts Institute of Technology

David Mimno
Cornell University

Ankur Moitra
Massachusetts Institute of Technology

Devi Parikh
Virginia Tech

Stefanie Tellex
Brown University

Emina Torlak
University of Washington

Gregory Valiant
Stanford University

ECONOMICS

Leonardo Bursztyn
University of California, Los Angeles

Melissa Dell
Harvard University

Nathaniel Hendren
Harvard University

Loukas Karabarbounis
The University of Chicago

Neale Mahoney
The University of Chicago

Benjamin Moll
Princeton University

Mar Reguant
Northwestern University

Charles Sprenger
University of California, San Diego

MATHEMATICS

Stefanos Aretakis
Princeton University

Venkat Chandrasekaran
California Institute of Technology

Artem Chernikov
University of California, Los Angeles

Thomas Church

Stanford University

Jeffrey Danciger
University of Texas, Austin

Benjamin Elias
University of Oregon

Rina Foygel Barber
The University of Chicago

Elena Fuchs
University of Illinois, Urbana-Champaign

Adrianna Gillman
Rice University

Vadim Gorin
Massachusetts Institute of Technology

Zaher Hani
Georgia Institute of Technology

Matthew J. Hirn
Michigan State University

Zongming Ma
University of Pennsylvania

Matthias Morzfeld
University of Arizona

Marcel Nutz
Columbia University

Wesley Pegden
Carnegie Mellon University

Claudiu Raicu
University of Notre Dame

Nikhil Srivastava
University of California, Berkeley

Kevin Tucker
University of Illinois at Chicago

Lu Wang
University of Wisconsin-Madison

NEUROSCIENCE

Demba Ba
Harvard University

Martha Bagnall
Washington University in St. Louis

Bingni Brunton
University of Washington

Megan Dennis
University of California, Davis

Marc Gershow
New York University

Noah D. Goodman
Stanford University

Christopher J. Honey
University of Toronto

Elaine Hsiao
University of California, Los Angeles

Matthew Kayser
University of Pennsylvania

Yevgenia Kozorovitskiy
Northwestern University

Dengke Ma
University of California, San Francisco

Ian Maze
Icahn School of Medicine at Mount Sinai

Katherine Nagel
New York University

Engin Özkan
The University of Chicago

Brad Pfeiffer
University of Texas,
Southwestern Medical Center at Dallas

Ari Rosenberg
University of Wisconsin-Madison

OCEAN SCIENCES

Ryan Abernathey
Columbia University

Brett Baker
University of Texas, Austin

Otto Cordero
Massachusetts Institute of Technology

Kristy Kroeker
University of California, Santa Cruz

Naomi M. Levine
University of Southern California

Sara Maxwell
Old Dominion University

Noah Planavsky
Yale University

Kelly Sutherland
University of Oregon

PHYSICS

Julio Barreiro
University of California, San Diego

Jo Bovy
University of Toronto

Cory Dean
Columbia University

Franklin Dollar
University of California, Irvine

Catherine Espallat
Boston University

Jonathan Fan
Stanford University

Hernan Garcia
University of California, Berkeley

R. Scott Kemp
Massachusetts Institute of Technology

Chris Laumann
University of Washington

Yen-Jie Lee
Massachusetts Institute of Technology

Mariangela Lisanti
Princeton University

Kendall Mahn
Michigan State University

Matthew McQuinn
University of Washington

Surjeet Rajendran
University of California, Berkeley

Mikael C. Rechtsman
The Pennsylvania State University

James M. Rondinelli
Northwestern University

Eduardo Rozo
University of Arizona

Shmuel Rubinstein
Harvard University

Jay Deep Sau
University of Maryland, College Park

Yue Shen
University of Illinois, Urbana-Champaign

Andrew Skemer
University of California, Santa Cruz

Alexander Sushkov
Boston University

Mark Vogelsberger
Massachusetts Institute of Technology



Too often we fail to recognize and pay tribute to the creative spirit. It is that spirit that creates our jobs... There has to be this pioneer, the individual who has the courage, the ambition to overcome the obstacles that always develop when one tries to do something worthwhile, especially when it is new and different. (Alfred P. Sloan Jr., 1941)

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