

# 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 Gershon**  
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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