

# Alfred P. Sloan Research Fellowships 2017

The Alfred P. Sloan Foundation congratulates the winners of the 2017 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, 69 National Medals of Science, 16 John Bates Clark Medals, and numerous other distinguished awards.

## CHEMISTRY

**Russ Algar**  
University of British Columbia

**Shane Ardo**  
University of California, Irvine

**Jefferson Chan**  
University of Illinois, Urbana-Champaign

**Bryan Dickinson**  
The University of Chicago

**Kamil Godula**  
University of California, San Diego

**Catherine Leimkuhler Grimes**  
University of Delaware

**Rebekka Klausen**  
Johns Hopkins University

**Kyle Lancaster**  
Cornell University

**Garret Miyake**  
University of Colorado, Boulder

**Jamie Neilson**  
Colorado State University

**Timothy Newhouse**  
Yale University

**Amish Patel**  
University of Pennsylvania

**Kerri Pratt**  
University of Michigan

**David Sarlah**  
University of Illinois, Urbana-Champaign

**Corinna Schindler**  
University of Michigan

**Natalia Shustova**  
University of South Carolina

**Alexander Spokoyny**  
University of California, Los Angeles

**Ming Lee Tang**  
University of California, Riverside

**Ian Tonks**  
University of Minnesota

**Daniel Turner**  
New York University

**Suriyanarayanan Vaikuntanathan**  
The University of Chicago

**Josh Vura-Weis**  
University of Illinois, Urbana-Champaign

**Yan Yu**  
Indiana University

## COMPUTATIONAL & EVOLUTIONARY MOLECULAR BIOLOGY

**Ilana Brito**  
Cornell University

**Russell Corbett-Detig**  
University of California, Santa Cruz

**Michael DeGiorgio**  
The Pennsylvania State University

**Polly Fordyce**  
Stanford University

**Alexander A. Green**  
Arizona State University

**Fereydoun Hormozdiari**  
University of California, Davis

**Sergey Kryazhimskiy**  
University of California, San Diego

**Amy Si-Ying Lee**  
Brandeis University

**Siavash Mirarab**  
University of California, San Diego

**Lei Qi**  
Stanford University

**Sriram Sankararaman**  
University of California, Los Angeles

**Randy Stockbridge**  
University of Michigan

## COMPUTER SCIENCE

**Amir Ali Ahmadi**  
Princeton University

**Mohammad Alizadeh**  
Massachusetts Institute of Technology

**Ilias Diakonikolas**  
University of Southern California

**Ali Farhadi**  
University of Washington

**Jon Froehlich**  
University of Maryland, College Park

**Daniel Kane**  
University of California, San Diego

**Tim Kraska**  
Brown University

**Jelani Nelson**  
Harvard University

**Ren Ng**  
University of California, Berkeley

**Michael Rubenstein**  
Northwestern University

**Mark Schmidt**  
University of British Columbia

**Angela Schoellig**  
University of Toronto

**Stefano Tessaro**  
University of California, Santa Barbara

**Ambuj Tewari**  
University of Michigan

**Virginia Vassilevska Williams**  
Stanford University

**Xia Zhou**  
Dartmouth College

## ECONOMICS

**Gabriel Carroll**  
Stanford University

**Pablo Fajgelbaum**  
University of California, Los Angeles

**Amanda Pallais**  
Harvard University

**Johannes Stroebel**  
New York University

**Joseph Vavra**  
The University of Chicago

**Alessandra Voena**  
The University of Chicago

**Reed Walker**  
University of California, Berkeley

**Alexander Wolitzky**  
Massachusetts Institute of Technology

## MATHEMATICS

**Mark Davenport**  
Georgia Institute of Technology

**John Duchi**  
Stanford University

**Semyon Dyatlov**  
Massachusetts Institute of Technology

**Tom Goldstein**  
University of Maryland, College Park

**Wei Ho**  
University of Michigan

**Thomas Koberda**  
University of Virginia

**Chi Li**  
Purdue University

**Gang Liu**  
Northwestern University

**Han Liu**  
Princeton University

**Yifeng Liu**  
Northwestern University

**Jonathan Luk**  
Stanford University

**Aaron Pixton**  
Massachusetts Institute of Technology

**Maksym Radziwill**  
McGill University

**Benjamin Rossman**  
University of Toronto

**Steven Sam**  
University of Wisconsin, Madison

**Nicholas Sheridan**  
Princeton University

**Pierre Simon**  
University of California, Berkeley

**Andrew Suk**  
University of Illinois at Chicago

**Caroline Uhler**  
Massachusetts Institute of Technology

**Chelsea Walton**  
Temple University

## NEUROSCIENCE

**Jayeeta Basu**  
New York University

**Monica Dus**  
University of Michigan

**Yiyang Gong**  
Duke University

**Weizhe Hong**  
University of California, Los Angeles

**Andrew Kruse**  
Harvard Medical School

**Nuo Li**  
Baylor College of Medicine

**Darcie L. Moore**  
University of Wisconsin, Madison

**Tiffany Schmidt**  
Northwestern University

**Cody J. Smith**  
University of Notre Dame

**Thibaud Taillefumier**  
University of Texas, Austin

**Nicolas Tritsch**  
New York University

**Jennifer Trueblood**  
Vanderbilt University

**John Tuthill**  
University of Washington

**Nilay Yapici**  
Cornell University

**Michael Yartsev**  
University of California, Berkeley

**Joel Zylberberg**  
University of Colorado, Denver

## OCEAN SCIENCES

**Austin Becker**  
University of Rhode Island

**Natalie Burls**  
George Mason University

**Bradford Gemmell**  
University of South Florida

**Pincelli Hull**  
Yale University

**Morgan Kelly**  
Louisiana State University

**Katherine Mackey**  
University of California, Irvine

**Nicholas Shikuma**  
San Diego State University

**Erik Sperling**  
Stanford University

## PHYSICS

**Xie Chen**  
California Institute of Technology

**Nathalie de Leon**  
Princeton University

**Manuel Endres**  
California Institute of Technology

**Nikta Fakhri**  
Massachusetts Institute of Technology

**Andrew Liam Fitzpatrick**  
Boston University

**Tarun Grover**  
University of California, San Diego

**Matthew Kunz**  
Princeton University

**Guillaume Lambert**  
Cornell University

**Emily Levesque**  
University of Washington

**Kin Fai Mak**  
The Pennsylvania State University

**Kohta Murase**  
The Pennsylvania State University

**Rahul Mahajan Nandkishore**  
University of Colorado, Boulder

**Jérémie Palacci**  
University of California, San Diego

**Kerstin Perez**  
Massachusetts Institute of Technology

**Vlad Pribiag**  
University of Minnesota

**Silviu Pufu**  
Princeton University

**Joaquin Vieira**  
University of Illinois, Urbana-Champaign

**Abigail Viereg**  
The University of Chicago

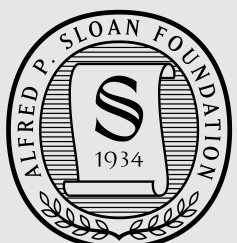
**Daniel Weisz**  
University of California, Berkeley

**Sebastian Will**  
Columbia University

**Qiong Yang**  
University of Michigan

**Andrea Young**  
University of California, Santa Barbara

**Zhaohuan Zhu**  
University of Nevada, Las Vegas



*Too often we fail to recognize and pay tribute to the creative spirit... 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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