

Alfred P. Sloan Research Fellowships 2014

The Alfred P. Sloan Foundation congratulates the winners of the 2014 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 Nobel Prizes, Fields Medals, National Medals of Science, John Bates Clark Medals, and numerous other distinguished awards.

CHEMISTRY

Emily Balskus
Harvard University

Wesley H. Bernskoetter
Brown University

Matthew Bush
University of Washington

Rebecca A. Butcher
University of Florida

Mircea Dincă
Massachusetts Institute of Technology

Guangbin Dong
University of Texas, Austin

Gordana Dukovic
University of Colorado, Boulder

Prashant Jain
University of Illinois

Jeremiah A. Johnson
Massachusetts Institute of Technology

Svetlana Kilina
North Dakota State University

Robert Knowles
Princeton University

Thomas Markland
Stanford University

Tyrel McQueen
Johns Hopkins University

Jeetain Mittal
Lehigh University

Pavel Nagorny
University of Michigan

Bradley Olsen
Massachusetts Institute of Technology

Gary Patti
Washington University in St. Louis

Rodney Priestley
Princeton University

Alexander Radosevich
The Pennsylvania State University

Joel Rosenthal
University of Delaware

Ryan A. Shenvi
Scripps Research Institute

Nathaniel Szymczak
University of Michigan

Junrong Zheng
Rice University

COMPUTATIONAL & EVOLUTIONARY MOLECULAR BIOLOGY

Maria Barna
Stanford University

Clifford Brangwynne
Princeton University

Lawrence David
Duke University

Raluca Gordân
Duke University

Simon Gravel
McGill University

Sebastian Klinge
Rockefeller University

Anshul Kundaje
Stanford University

Benjamin Langmead
Johns Hopkins University

Kirk E. Lohmueller
University of California, Los Angeles

Sushmita Roy
University of Wisconsin, Madison

Julia Salzman
Stanford University

Justin B. Siegel
University of California, Davis

COMPUTER SCIENCE

Animashree Anandkumar
University of California, Irvine

Maria-Florina Balcan
Georgia Institute of Technology

Jernej Barbič
University of Southern California

Jeffrey Bigham
Carnegie Mellon University

Chris Callison-Burch
University of Pennsylvania

Stephen Chong
Harvard University

Philip Brighten Godfrey
University of Illinois, Urbana-Champaign

Sharon Goldberg
Boston University

Shan Lu
University of Wisconsin, Madison

Tapan Parikh
University of California, Berkeley

Pradeep Ravikumar
University of Texas, Austin

Alexander Sherstov
University of California, Los Angeles

Elaine Shi
University of Maryland, College Park

David Steurer
Cornell University

Patrick G. Traynor
Georgia Institute of Technology

Paul Valiant
Brown University

ECONOMICS

John N. Friedman
Harvard University

Zhiguo He
The University of Chicago

Richard Hornbeck
Harvard University

Jakub Kastl
Stanford University

Ilyana Kuziemko
Columbia University

Emi Nakamura
Columbia University

Brent Neiman
The University of Chicago

Eric Glen Weyl
The University of Chicago

MATHEMATICS

Nir Avni
Northwestern University

Nayantara Bhatnagar
University of Delaware

Maksym Fedorchuk
Boston College

Jonathan Hauenstein
North Carolina State University

Kai-Wen Lan
University of Minnesota

Lionel Levine
Cornell University

Ivan Loseu
Northeastern University

Maryanthe Malliaris
The University of Chicago

Amir Mohammadi
University of Texas, Austin

Aaron Naber
Northwestern University

Deanna Needell
Claremont McKenna College

Michael J. Neilan
University of Pittsburgh

Benoit Pausader
Princeton University

Charles Smart
Massachusetts Institute of Technology

Jared Speck
Massachusetts Institute of Technology

Samuel Stechmann
University of Wisconsin, Madison

Song Sun
Stony Brook University

Benjamin Webster
University of Virginia

Jared Weinstein
Boston University

Jun Yin
University of Wisconsin, Madison

NEUROSCIENCE

Danielle S. Bassett
University of Pennsylvania

Gloria B. Choi
Massachusetts Institute of Technology

Marlene R. Cohen
University of Pittsburgh

Benjamin de Bivort
Harvard University

Dion Dickman
University of Southern California

Adam Douglass
University of Utah

Liang Feng
Stanford University

Jennifer Garrison
University of Southern California/
Buck Institute

Julie Golomb
Ohio State University

Court Hull
Duke University

Mehrdad Jazayeri
Massachusetts Institute of Technology

Jeremy Kay
Duke University

Roozbeh Kiani
New York University

Zachary Knight
University of California, San Francisco

Nicholas Stavropoulos
New York University

Kay Tye
Massachusetts Institute of Technology

OCEAN SCIENCES

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University of Minnesota

Maureen L. Coleman
The University of Chicago

Douglas Edmonds
Indiana University

Brian Hopkinson
University of Georgia

Kristopher B. Karnauskas
Massachusetts Institute of Technology/
WHOI

Martin Krkosek
University of Toronto

Malin Pinsky
Rutgers University

Alison Sweeney
University of Pennsylvania

PHYSICS

Dmitry Abanin
University of Waterloo

Waseem Bakr
Princeton University

Christoph Baranec
University of Hawaii

Phillip Barbeau
Duke University

Clifford Cheung
California Institute of Technology

John Paul Chou
Rutgers University

Daniel Fabrycky
The University of Chicago

Matthew Foster
Rice University

Sergey Frolov
University of Pittsburgh

Ian Garrick-Bethell
University of California, Santa Cruz

Emanuel Gull
University of Michigan

Christoph A. Haselwandter
University of Southern California

Ryan C. Hickox
Dartmouth College

Philip Hopkins
California Institute of Technology

David Hsieh
California Institute of Technology

Daniel Jafferis
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Jared Kaplan
Johns Hopkins University

M. Lisa Manning
Syracuse University

Reina Maruyama
Yale University

Brian Metzger
Columbia University

Karin I. Öberg
Harvard University

Shinsei Ryu
University of Illinois, Urbana-Champaign

Monika Schleier-Smith
Stanford University



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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