

# Alfred P. Sloan Research Fellowships 2009

The Alfred P. Sloan Foundation is proud to announce and congratulate the winners of the 2009 Sloan Research Fellowships. The award is given annually to 118 early career scientists and scholars who demonstrate outstanding promise and potential to contribute substantially to their fields. Many past recipients have gone on to win Nobel Prizes, Fields Medals, John Bates Clark Medals, and numerous other distinguished awards.

## CHEMISTRY

### Alán Aspuru-Guzik

Harvard University

### Martin D. Burke

University of Illinois, Urbana-Champaign

### Peng Chen

Cornell University

### Steven A. Corcelli

University of Notre Dame

### Niels H. Damrauer

University of Colorado, Boulder

### Paula Diaconescu

University of California, Los Angeles

### Vy Maria Dong

University of Toronto

### Thomas G. Gray

Case Western Reserve University

### Song Jin

University of Wisconsin, Madison

### Jennifer J. Kohler

University of Texas, SW Medical Center

### Benjamin J. McCall

University of Illinois, Urbana-Champaign

### Thuc-Quyen Nguyen

University of California, Santa Barbara

### Jeffrey Pyun

University of Arizona

### Joseph M. Ready

University of Texas, SW Medical Center

### Richmond Sarpong

University of California, Berkeley

### Rachel A. Segalman

University of California, Berkeley

### Dmitri V. Talapin

University of Chicago

### Yi Tang

University of California, Los Angeles

### Edward Valeev

Virginia Polytechnic Institute

### Rory Waterman

University of Vermont

### Aaron R. Wheeler

University of Toronto

### Tehshik P. Yoon

University of Wisconsin, Madison

### Liming Zhang

University of Nevada, Reno

## COMPUTER SCIENCE

### Scott Aaronson

Massachusetts Institute of Technology

### Shuchi Chawla

University of Wisconsin, Madison

### Kevin Fu

University of Massachusetts, Amherst

### Odest Chadwicke Jenkins

Brown University

### David Kempe

University of Southern California

### James Russell Lee

University of Washington

### Zhuoqing Morley Mao

University of Michigan

### Kamesh Munagala

Duke University

### Tze Sing Eugene Ng

Rice University

### Ryan William O'Donnell

Carnegie Mellon University

### Fabio Pellacini

Dartmouth College

### Ramesh Raskar

Massachusetts Institute of Technology

### Alex C. Snoeren

University of California, San Diego

### René Vidal

Johns Hopkins University

### Luis von Ahn

Carnegie Mellon University

### Steve Zdancewic

University of Pennsylvania

## ECONOMICS

### Erica Field

Harvard University

### Matthew Gentzkow

University of Chicago

### Patrik Guggenberger

University of California, Los Angeles

### Shachar Kariv

University of California, Berkeley

### Guido Lorenzoni

Massachusetts Institute of Technology

### Alexandre Mas

University of California, Berkeley

### Nathan Nunn

Harvard University

### Michèle Tertilt

Stanford University

## MATHEMATICS

### Gerard Awanou

Northern Illinois University

### Francesco D. Calegari

Northwestern University

### Izzet Coskun

University of Illinois, Chicago

### Samit Dasgupta

University of California, Santa Cruz

### Ciprian Demeter

Indiana University

### Mathias Drton

University of Chicago

### Julien Dubédat

Columbia University

### Justin A. Holmer

Brown University

### Chiu-Yen Kao

Ohio State University

### Thomas Lam

Harvard University

### Robert Lipshitz

Columbia University

### Dan Margalit

Tufts University

### Alina Marian

University of Illinois, Chicago

### Yoichiro Mori

University of Minnesota

### Jesse Peterson

Vanderbilt University

### Luis E. Silvestre

University of Chicago

### Jian Song

Rutgers, The State University of NJ

### Julianna Tymoczko

University of Iowa

### Lauren K. Williams

Harvard University

### Wotao Yin

Rice University

## MOLECULAR BIOLOGY

(Computational & Evolutionary)

### Frank Alber

University of Southern California

### Philip H. Bradley

Fred Hutchinson Cancer Research Center

### Graham Coop

University of California, Davis

### Eleazar Eskin

University of California, Los Angeles

### Michael Grabe

University of Pittsburgh

### Andres E. Leschziner

Harvard University

### Alexandre V. Morozov

Rutgers, The State University of NJ

### Joshua B. Plotkin

University of Pennsylvania

### Daven C. Presgraves

University of Rochester

### Sara Sawyer

University of Texas, Austin

### Adam Siepel

Cornell University

### Kevin R. Thornton

University of California, Irvine

## NEUROSCIENCE

### Jose M. Carmena

University of California, Berkeley

### Tansu Celikel

University of Southern California

### Brent Doiron

University of Pittsburgh

### Ila R. Fiete

University of Texas, Austin

### David J. Foster

Johns Hopkins University

### Roberto Fernández Galán

Case Western Reserve University

### Denise Y.P. Henriques

York University

### Rongsheng Jin

Burnham Institute for Medical Research

### Adam Kepecs

Cold Spring Harbor Laboratory

### Stefan Leutgeb

University of California, San Diego

### Hang Lu

Georgia Institute of Technology

### Maxence V. Nachury

Stanford University

### Bence P. Ölveczky

Harvard University

### Suzanne Paradis

Brandeis University

### Doris Ying Tsao

California Institute of Technology

### Haoxing Xu

University of Michigan

## PHYSICS

### Bogdan Andrei Bernevig

Princeton University

### Florescia Canelli

University of Chicago

### Subhadeep Gupta

University of Washington

### Hartmut Häffner

University of California, Berkeley

### M. Zahid Hasan

Princeton University

### Karsten M. Heeger

University of Wisconsin, Madison

### Andrew Houck

Princeton University

### Pablo Jarillo-Herrero

Massachusetts Institute of Technology

### William C. Jones

Princeton University

### Luis M. Kruczenski

Purdue University

### Mark R. Krumholz

University of California, Santa Cruz

### Chao-Lin Kuo

Stanford University

### Christian Lupien

University of Sherbrooke

### Liam McAllister

Cornell University

### John McGreevy

Massachusetts Institute of Technology

### Adilson E. Motter

Northwestern University

### Anatoli Polkovnikov

Boston University

### Robert Raussendorf

University of British Columbia

### Gil Refael

California Institute of Technology

### Robert A. Simcoe

Massachusetts Institute of Technology

### Anna Stasto

Pennsylvania State University

### Todd A. Thompson

Ohio State University

### Ahmet Yildiz

University of California, Berkeley



Alfred P. Sloan Foundation  
75<sup>th</sup> Anniversary

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