

Alfred P. Sloan Research Fellowships 2015

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The Alfred P. Sloan Foundation congratulates the winners of the 2015 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, 65 National Medals of Science, 14 John Bates Clark Medals, and numerous other distinguished awards.

CHEMISTRY

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Cornell University

Shannon Boettcher
University of Oregon

Kevin Brown
Indiana University

James Cahoon
University of North Carolina, Chapel Hill

Brandi Cossairt
University of Washington

Jennifer A. Dionne
Stanford University

Aaron Esser-Kahn
University of California, Irvine

Zahra Fakhraai
University of Pennsylvania

Alison Fout
University of Illinois, Urbana-Champaign

Danna Freedman
Northwestern University

Naomi Ginsberg
University of California, Berkeley

Artur Izmaylov
University of Toronto

Hemamala Karunadasa
Stanford University

Amber Krummel
Colorado State University

Thomas Maimone
University of California, Berkeley

Neal Mankad
University of Illinois at Chicago

Michael Neidig
University of Rochester

Bradley Pentelute
Massachusetts Institute of Technology

Michael Pluth
University of Oregon

Jennifer Prescher
University of California, Irvine

Toru Shiozaki
Northwestern University

Andrea Tao
University of California, San Diego

Hao Xu
Georgia State University

COMPUTATIONAL & EVOLUTIONARY MOLECULAR BIOLOGY

Alan Boyle
University of Michigan

Ian Ehrenreich
University of Southern California

Mitchell Guttman
California Institute of Technology

Michael Harms
University of Oregon

Jennifer Phillips-Cremens
University of Pennsylvania

Peter Ralph
University of Southern California

Padmini Rangamani
University of California, San Diego

Michael C. Schatz
Cold Spring Harbor Laboratory

Corina E. Tarnita
Princeton University

Cole Trapnell
University of Washington

Harris Wang
Columbia University

Amy Williams
Cornell University

COMPUTER SCIENCE

Ryan Adams
Harvard University

Sébastien Bubeck
Princeton University

Isil Dillig
University of Texas, Austin

Prabal Dutta
University of Michigan

Natalie Enright Jerger
University of Toronto

Emily Fox
University of Washington

Shyam Gollakota
University of Washington

J. Alex Halderman
University of Michigan

James Hays
Brown University

Percy Liang
Stanford University

Shachar Lovett
University of California, San Diego

Ariel Procaccia
Carnegie Mellon University

Thomas Ristenpart
University of Wisconsin, Madison

Aaron Roth
University of Pennsylvania

Thomas Rothvoss
University of Washington

Daniel Wigdor
University of Toronto

ECONOMICS

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The University of Chicago

Benjamin Handel
University of California, Berkeley

Oleg Itskhoki
Princeton University

Greg Kaplan
Princeton University

Magne Mogstad
The University of Chicago

Suresh Naidu
Columbia University

Paul Niehaus
University of California, San Diego

Heidi L. Williams
Massachusetts Institute of Technology

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Simon Fraser University

Richard Bamler
University of California, Berkeley

Jacob Bedrossian
University of Maryland, College Park

Boris Bukh
Carnegie Mellon University

Jonathan Chaika
University of Utah

Jian Ding
The University of Chicago

Jörn Dunkel
Massachusetts Institute of Technology

David Geraghty
Boston College

Jennifer Hom
Columbia University

Tasho Kaletha
Harvard University

Lin Lin
University of California, Berkeley

Emmy Murphy
Massachusetts Institute of Technology

Vivek Shende
University of California, Berkeley

Andrew Snowden
University of Michigan

Jacob Tsimmerman
University of Toronto

Vlad Vicol
Princeton University

Melanie Matchett Wood
University of Wisconsin, Madison

Hau-tieng Wu
University of Toronto

Ting Zhou
Northeastern University

Xinwen Zhu
California Institute of Technology

NEUROSCIENCE

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University of California, Berkeley

Steve Chang
Yale University

Damon Clark
Yale University

John Cunningham
Columbia University

Lindsey Glickfeld
Duke University

Viviana Gradinaru
California Institute of Technology

Michael Halassa
New York University

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Brandeis University

Julie Lefebvre
University of Toronto

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Oregon Health & Science University

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The University of Chicago

Marcos Sotomayor
Ohio State University

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University of California, San Diego

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Cornell University

Jeffrey M. Yau
Baylor College of Medicine

OCEAN SCIENCES

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Georgia Institute of Technology

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New York University

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University of Tennessee

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University of California, Santa Barbara

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Georgia Institute of Technology

Alyson Santoro
University of Maryland Center for Environmental Science

Themistoklis Sapsis
Massachusetts Institute of Technology

Stephanie Waterman
University of British Columbia

PHYSICS

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University of Michigan

Ariel Amir
Harvard University

James Analytis
University of California, Berkeley

Pascal Audez
University of Ottawa

Alyson Brooks
Rutgers, The State University of New Jersey

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University of Minnesota

Shane Davis
University of Virginia

Lukasz Fidkowski
Stony Brook University

Raphael Flauger
Carnegie Mellon University

Ryan Foley
University of Illinois, Urbana-Champaign

Mohammad Hafezi
University of Maryland, College Park

Gregg Hallinan
California Institute of Technology

Michael Kesden
University of Texas at Dallas

Heather Knutson
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University of Maryland, College Park

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Washington University in St. Louis

Smadar Naoz
University of California, Los Angeles

Kang-Kuen Ni
Harvard University

Tiffany A. Shaw
Columbia University

Kai Sun
University of Michigan

Pedro Vieira
University of Waterloo

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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