2022 Sloan Research Fellows

The Alfred P. Sloan Foundation congratulates the winners of the 2022 Sloan Research Fellowships. These 118 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. Winners receive $75,000, which may be spent over a two-year term on any expense supportive of their research.

Chemistry

Mahshid Ahmadi, *University of Tennessee, Knoxville*

Michael V. Airola, *Stony Brook University*

Eszter Boros, *Stony Brook University*

Pamela V. Chang, *Cornell University*

Daniel N. Congreve, *Stanford University*
Computer Science
Mark Bun, Boston University
Danqi Chen, Princeton University
David K. Duvenaud, University of Toronto
Fei Fang, Carnegie Mellon University
Manya Ghobadi, Massachusetts Institute of Technology
Quanquan Gu, University of California, Los Angeles
Josiah Hester, Northwestern University
Phillip Isola, Massachusetts Institute of Technology
Alec Jacobson, University of Toronto
Pravesh K. Kothari, Carnegie Mellon University
Bo Li, University of Illinois, Urbana-Champaign
Pedro Lopes, The University of Chicago
Nicolas Papernot, University of Toronto
Dorsa Sadigh, Stanford University
Shuran Song, Columbia University
Deian Stefan, University of California, San Diego
Avishay Tal, University of California, Berkeley
Yulia Tsvetkov, University of Washington
Henry Yuen, Columbia University
Matei Zaharia, Stanford University
Earth System Science

Briana Abrahms, University of Washington
Hilary G. Close, University of Miami
Benis N. Egoh, University of California, Irvine
Roger R. Fu, Harvard University
Dalton S. Hardisty, Michigan State University
Seulgi Moon, University of California, Los Angeles
Marissa M. Tremblay, Purdue University
Elizabeth J. Trower, University of Colorado, Boulder

Economics

Adrien Auclert, Stanford University
David R. Baqaee, University of California, Los Angeles
Natalie Bau, University of California, Los Angeles
Piotr Dworczak, Northwestern University
Mira Frick, Yale University
Peter Ganong, The University of Chicago
Simon Jäger, Massachusetts Institute of Technology
David Y. Yang, Harvard University
Mathematics

Charlotte Chan, University of Michigan
Yuxin Chen, University of Pennsylvania
Lei Chen, University of Maryland, College Park
Asaf Ferber, University of California, Irvine
Chao Gao, The University of Chicago
Michael Groechenig, University of Toronto, Mississauga
Daniel Halpern-Leistner, Cornell University
Jingyin Huang, Ohio State University
Ilya Kachkovskiy, Michigan State University
Alexander Kupers, University of Toronto Scarborough
Yuchen Liu, Northwestern University
Frederick R. W. M. Manners, University of California, San Diego
Guido F. Montúfar, University of California, Los Angeles
Connor R. Mooney, University of California, Irvine
Jonathan Niles-Weed, New York University
Lisa Sauermann, Massachusetts Institute of Technology
Tatyana Shcherbina, University of Wisconsin, Madison
Li-Cheng Tsai, Rutgers, The State University of New Jersey
Ruixiang Zhang, University of California, Berkeley
Neuroscience

Aparna Bhaduri, University of California, Los Angeles

Jeremy D. Brown, Johns Hopkins University

Hannah Choi, Georgia Institute of Technology

Chantell S. Evans, Duke University

Antonio Fernandez-Ruiz, Cornell University

Yvette E. Fisher, University of California, Berkeley

Erin E. Hecht, Harvard University

EunJung Hwang, Rosalind Franklin University of Medicine and Science

Scott W. Linderman, Stanford University

Matthew Lovett-Barron, University of California, San Diego

Lucas Pinto, Northwestern University

Monica D. Rosenberg, The University of Chicago

Richard C. Sando, Vanderbilt University

Arpiar B. Saunders, Oregon Health & Science University

Prerana Shrestha, Stony Brook University

Peggy L. St. Jacques, University of Alberta
Physics

Dapeng Bi, Northeastern University

Antia Botana, Arizona State University

Brendan P. Bowler, The University of Texas, Austin

Jennifer Cano, Stony Brook University

Katerina Chatziioannou, California Institute of Technology

Lawrence W. Cheuk, Princeton University

Netta Engelhardt, Massachusetts Institute of Technology

Wen-fai Fong, Northwestern University

Andrey Gromov, Brown University

Grace X. Gu, University of California, Berkeley

J. Colin Hill, Columbia University

Long Ju, Massachusetts Institute of Technology

Georgia Karagiorgi, Columbia University

Karen E. Kasza, Columbia University

Shimon Kolkowitz, University of Wisconsin, Madison

Alicia J. Kollár, University of Maryland, College Park

Peter L. McMahon, Cornell University

Julia A. Mundy, Harvard University

David Radice, The Pennsylvania State University

Carl L. Rodriguez, Carnegie Mellon University
Daniel Scolnic, Duke University

Mikhail P. Solon, University of California, Los Angeles

Danielle H. Speller, Johns Hopkins University