



**ALFRED P. SLOAN
FOUNDATION**

Announcing the 2021 Sloan Research Fellows

128 outstanding early-career researchers honored across eight fields

(New York, NY) – The Alfred P. Sloan Foundation today announces the names of the 128 early career researchers who have been selected to receive a 2021 Sloan Research Fellowship. Awarded annually since 1955, the fellowships honor extraordinary U.S. and Canadian researchers whose creativity, innovation, and research accomplishments make them stand out as the next generation of scientific leaders. A full list of the 2021 Fellows cohort is available at <https://sloan.org/fellowships/2021-Fellows>.

“A Sloan Research Fellow is a rising star, plain and simple” says Adam F. Falk, president of the Alfred P. Sloan Foundation. “To receive a Fellowship is to be told by the scientific community that your achievements as a young scholar are already driving the research frontier.”

A Sloan Research Fellowship is one of the most prestigious awards available to young researchers, in part because so many past Fellows have gone on to become towering figures in the history of science. Renowned physicists Richard Feynman and Murray Gell-Mann were Sloan Research Fellows, as was mathematician John Nash, one of the fathers of modern game theory. For the past three years, the recipients of the Nobel Prize in Physics have included former Fellows—Andrea Ghez (2020), James Peebles (2019), and Donna Strickland (2018). In fact, 51 Fellows have received a Nobel Prize in their respective field, 17 have won the Fields Medal in mathematics, 69 have received the National Medal of Science, and 20 have won the John Bates Clark Medal in economics, including every winner since 2007. A database of former Sloan Research Fellows can be found at <https://sloan.org/past-fellows>.

Fellows from the 2021 cohort are drawn from a diverse range of 58 institutions across the U.S. and Canada, from large public university systems, to Ivy League institutions, to small liberal arts colleges. “It is great to see the different kinds of colleges and universities that now have Sloan Research Fellows on their faculty,” says Daniel L. Goroff, director of the Sloan Research Fellowship program. “What those institutions clearly have in common is that they are successfully attracting remarkable researchers who then thrive on their campuses.”

Open to scholars in eight scientific and technical fields—chemistry, computational and evolutionary molecular biology, computer science, Earth system science, economics, mathematics, neuroscience, and physics—the Sloan Research Fellowships are awarded in close coordination with the scientific community. Candidates must be nominated by their fellow scientists and winners are selected by

independent panels of senior scholars on the basis of a candidate's research accomplishments, creativity, and potential to become a leader in his or her field. More than 1000 researchers are nominated each year for 128 fellowship slots. Winners receive a two-year, \$75,000 fellowship which can be spent to advance the fellow's research.

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The **ALFRED P. SLOAN FOUNDATION** is a not-for-profit, mission-driven grantmaking institution dedicated to improving the welfare of all through the advancement of scientific knowledge. Founded in 1934 by industrialist Alfred P. Sloan Jr., the Foundation disburses approximately \$80 million in grants each year in four broad areas: direct support of research in science, technology, engineering, mathematics, and economics; initiatives to increase the quality and diversity of scientific institutions and the science workforce; projects to develop or leverage technology to empower research; and efforts to enhance and deepen public engagement with science and scientists. Sloan Foundation grantmaking helped create some of the country's most influential and enduring scientific institutions, including Memorial Sloan Kettering Cancer Center, the MIT Sloan School of Management, and the Sloan Digital Sky Survey. Sloan support has also played a critical role in the early development of many scientific fields, including cognitive science, behavioral economics, and indoor microbial ecology. The Foundation strives to be guided in all its actions by the values of the scientific enterprise: impartiality, empiricism, curiosity, rigor, and the conviction that a reasoned, systematic understanding of the forces of nature and society, when applied inventively and wisely, can lead to a better world for all.

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