

Simons Foundation

<https://www.simonsfoundation.org/about/>

The Simons Foundation's mission is to advance the frontiers of research in mathematics and the basic sciences. The Simons Foundation's support of science takes two forms: We support research by making grants to individual investigators and their projects through academic institutions, and, with the launch of the Flatiron Institute in 2016, we now conduct scientific research in-house, supporting teams of top computational scientists.

Science Philanthropy Alliance

<https://sciencephilanthropyalliance.org/our-mission/>

The Alliance was founded in 2013 to increase philanthropic support for basic science, which lays essential groundwork for innovation that supports society and the planet. The intention was to help offset a potential flatlining of government funding at the time. Today, science philanthropy plays a critical role that is synergistic with other funding sources.

Gordon and Betty Moore Foundation

<https://www.moore.org/about/our-grantmaking>

Setting our sights high, we invest for the long-term in scientifically sound strategies that produce measurable results and lasting benefits. We recognize that the greatest breakthroughs come from a willingness to inquire and experiment. Not everything we try will work, but we know if everything did, that we were not thinking big enough.

Determining what we support requires thoughtful analysis. To evaluate possible ideas, programmatic activities and any significant potential endeavors, we always ask four key questions, which we call the Four Filters: 1) Is it important? 2) Can we make an enduring difference? 3) Is it measurable? 4) Does it contribute to a portfolio effect?

Kavli Foundation

<https://www.kavlifoundation.org/funding-approach>

The Kavli Foundation deploys a strategic mix of grantmaking and partnership that supports basic research in the fields of astrophysics, nanoscience, neuroscience, and theoretical physics, and strengthens the relationship between science and society.

The foundation identifies potentially transformative opportunities, drawing upon the expertise of our staff, advisors, and other thought leaders. We design and support efforts that are selected for their timeliness and impact in Science and Science and Society.

Unsolicited proposals are not accepted; however, we may occasionally issue an open call.

Heising-Simons Foundation

<https://www.hsfoundation.org/about/>

The Heising-Simons Foundation is a family foundation based in Los Altos and San Francisco, California. The Foundation works with its many partners to advance sustainable solutions in climate and clean energy, enable groundbreaking research in science, enhance the education of our youngest learners, and support human rights for all people.

Sloan Foundation

<https://sloan.org/about>

The Alfred P. Sloan Foundation makes grants primarily to support original research and education related to science, technology, engineering, mathematics, and economics. The Foundation believes that these fields—and the scholars and practitioners who work in them—are chief drivers of the nation's health and prosperity. The Foundation also believes 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.

Research Corporation for Science Advancement (RCSA)

<https://rescorp.org/rcsa/mission>

The Mission of Research Corporation for Science Advancement is to advance early stage, high-potential, basic scientific research.

David and Lucile Packard Foundation

<https://www.packard.org/what-we-fund/science/>

We support scientific assessments, research, and the connection of science and scientific thinking to decision-makers.

Richard Lounsbery Foundation

<https://www.rlounsbery.org/>

with a goal to enhance national strengths in science and technology and foster strong French-American cooperation. The Foundation provides seed money or partial funding to novel projects and forward-looking leaders and teams. We seek to support projects that enhance national strengths in science and technology, prioritize French-American cooperation, or promote the Foundation's mission in other ways.

John Templeton Foundation

<https://www.templeton.org/project/math-physical-sciences>

In our Mathematical and Physical Sciences funding area, we support research seeking to shed light on the fundamental concepts of physical reality. We also explore the interplay between these sciences and broader human experience.

W.M. Keck Foundation

(Not a good match based on their website)

The Brinson Foundation

(Not a good match)