

# Foundation Funding Opportunities for the Natural & Quantitative Sciences

*The following funding opportunities are presented with a link to their websites and their focus areas. We will do our best to keep this site up-to-date but website links and organizations can change quickly so if you run across any information that needs updating, please let us know.*

*If you have had experience with any of these foundations, or others not listed, and would be willing to provide information to new faculty applicants, please use the contact link below.*

*This list is a work in progress. If you would like to share other opportunities that should be included, please use the contact link below.*

**Contact Laura Hohenbary ([laura8@ksu.edu](mailto:laura8@ksu.edu)) with questions or input. Thank you!**

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## Alzheimer's Association

[https://www.alz.org/research/for\\_researchers/grants/types-of-grants](https://www.alz.org/research/for_researchers/grants/types-of-grants)

The Alzheimer's Association leads the way to end Alzheimer's and all other dementia — by accelerating global research, driving risk reduction and early detection, and maximizing quality care and support.

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## American Association of University Women (AAUW)

<https://www.aauw.org/what-we-do/educational-funding-and-awards/>

- American Fellowships: Women pursuing full-time study to complete dissertations, conducting postdoctoral research full time, or preparing research for publication for eight consecutive weeks
- Career Development Grants: Women pursuing a certificate or degree to advance their careers, change careers, or reenter the workforce and whose bachelor's degree was received at least five years before the award period
- Community Action Grants: Individuals, AAUW branches and states, and nonprofit organizations to fund innovative programs or nondegree research projects that promote education and equity for women and girls
- International Fellowships: Women pursuing full-time graduate or postdoctoral study in the United States who are not U.S. citizens or permanent residents
- International Project Grants: Alumnae of AAUW's International Fellowships program who are living in their home countries and pursuing community-based projects to improve the social advancement and economic empowerment of women and girls
- Research Publication Grant in Engineering, Medicine, and Science: Women conducting basic research in engineering, medicine, or the physical or biological sciences and who have a

doctorate degree in one of those fields. The grantee is required to publish their research in a scholarly scientific publication and be listed as a primary author.

- Selected professions Fellowship: Women pursuing full-time study in a master's or professional degree program in which women are underrepresented, including STEM, law, business, and medicine.

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## **American Cancer Society**

<https://www.cancer.org/research/we-fund-cancer-research.html>

Funds innovative research conducted by hundreds of scientists and health care professionals – primarily early in their careers – at institutions nationwide.

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## **American Chemical Society**

<https://www.acs.org/content/acs/en/awards.html>

ACS offers funding to support the advancement of the chemical sciences through research, education, and community projects.

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## **American Councils for International Education**

<https://www.studyabroad.americancouncils.org/research-abroad>

American Councils offers comprehensive research, study abroad and internship programs in many of the most intriguing corners of the world. From language immersion and area studies to business and international affairs, American Councils has a program to advance your education and career.

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## **American Scandinavian Foundation**

<http://www.amscan.org/>

- Fellowships and grants given to Americans and Scandinavians engaged in study, research or creative arts projects.
- Annual competition recognizes outstanding translations of Scandinavian literature authored by a Scandinavian writer born after 1900.

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## **Paul M. Angell Family Foundation**

<http://pmangellfamfound.org/for-applicants/what-we-fund/>

Priority Areas:

- Ocean conservation
- Social causes – root causes of poverty and inequality, particularly in urban areas

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## Arnold and Mabel Beckman Foundation

<https://www.beckman-foundation.org/programs/>

The mission of the Foundation is to support leading edge research, in the fields of chemistry and life sciences, broadly interpreted, and particularly to foster the invention of methods, instruments, and materials that open up new avenues of research and application in these sciences and related disciplines. My preference is to favor young investigators, new ideas, and a variety of projects rather than fund large, established ones of long duration.

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## BioNexus KC

<https://bionexuskc.org/grant-programs/>

Research grants are made to encourage regional collaborations and stimulate submission of major *multidisciplinary life sciences* proposals from regional researchers to government and/or private funding agencies.

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## Brain & Behavior Research Foundation

<https://www.bbrfoundation.org/grants-prizes>

<https://www.bbrfoundation.org/grants-prizes/grant-faqs>

We invest in the most innovative ideas in neuroscience and psychiatric research to better understand the causes and develop new ways to treat brain and behavior disorders.

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## Burroughs Wellcome Fund

<https://www.bwfund.org/programs-offered>

The Burroughs Wellcome Fund's grantmaking strategies support biomedical scientists at the beginning of their careers and areas of science that are poised for significant advancement but are currently undervalued and underfunded.

BWF has programs which support primary and secondary students, science and mathematics teachers, institutions, and academic scientists: postdoctoral-faculty bridging awards and faculty awards.

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## Cottrell Scholars

<http://rescorp.org/cottrell-scholars>

The Cottrell Scholar (CS) program champions the very best early career teacher-scholars in **chemistry, physics and astronomy** by providing significant discretionary awards for research. Nurturing an interdisciplinary community of outstanding scientific/academic leaders, the CS program fosters synergy among faculty at major American research universities and primarily undergraduate institutions. Cottrell Scholars engage in an annual networking event, providing them an opportunity to share insights and expertise through the Cottrell Scholar Collaborative. Outstanding candidates are admitted to the ranks of Cottrell Scholars through a stringent peer-review process based on their innovative research proposals and education programs.

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## DAAD

<https://www.daad.org/en/>

German Academic Exchange Service

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## The Dana Foundation

<https://www.dana.org/Grants/>

The Dana Foundation is leading efforts to build the emerging and critical field of neuroscience and society, which encompasses how neuroscience both reflects and informs society. Our vision is brain science for a better future. To ensure a positive future, we must better connect neuroscience to the needs of society. We must strive to make the field more inclusive and collaborative. By opening the field up to diverse perspectives, working in closer partnership with other disciplines, and deepening our engagement with the general public, neuroscience can contribute to the flourishing of everyone.

Our mission is to advance neuroscience that benefits society and reflects the aspirations of all people through interdisciplinary collaborative work, at the interface between neuroscience and fields such as ethics, law, humanities, medicine, arts, social sciences, policy, education, and public engagement.

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## The Donaghue Foundation

<https://donaghue.org/mission-vision-goals-values/>

The Foundation supports a diverse portfolio of research projects, from understanding the mechanisms of disease, to improving clinical treatments, to public health initiatives that prevent illness—all founded on excellent science.

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## **Doris Duke Charitable Foundation**

<https://www.dorisduke.org/funding-areas/>

Areas of interest:

- Performing Arts
- Medical Research
- Environment
- Child Well-Being
- Building Bridges – Increasing understanding between Muslim and non-Muslim communities

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## **Ford Foundation**

<https://www.fordfoundation.org/work/our-grants/>

To address and respond to these drivers, we work and make grants in seven interconnected areas that together, we believe, can help challenge inequality.

- Civic Engagement and Government
- Creativity and Free Expression
- Disability Inclusion
- Future of Work(ers)
- Gender, Racial, and Ethnic Justice
- International Cooperation and Global Governance
- Mission Investments
- Natural Resources and Climate Change
- Technology and Society

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## **Fulbright Scholar Program**

<https://cies.org/>

U.S. Scholars: The Fulbright Scholar Program offers U.S. faculty, administrators and professionals grants to lecture, conduct research in a wide variety of academic and professional fields, or to participate in seminars. The Fulbright Program, the flagship international educational exchange program sponsored by the U.S. government, is designed to increase mutual understanding between the people of the United States and the people of other countries.

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## Bill & Melinda Gates Foundation

<https://www.gatesfoundation.org/about/how-we-work/grant-opportunities>

Program Strategies:

- Gender Equality
- Global Development
- Global Growth & Opportunity
- Global Health
- Global Policy & Advocacy
- U.S. Program – Data; Early Learning Solutions; Economic Mobility and Opportunity; K-12 Education; Pathways; Postsecondary Success; Washington State

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## The Greenwall Foundation

<https://greenwall.org/about-us>

The Greenwall Foundation seeks to make **bioethics** integral to decisions in health care, policy, and research.

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## John Simon Guggenheim Memorial Foundation

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

The Foundation offers Fellowships to further the development of scholars and artists by assisting them to engage in research in any field of knowledge and creation in any of the arts, under the freest possible conditions and irrespective of race, color, or creed. The Foundation receives approximately 3,000 applications each year. Although no one who applies is guaranteed success in the competition, there is no prescreening: all applications are reviewed. Approximately 175 Fellowships are awarded each year.

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## William and Flora Hewlett Foundation

<https://hewlett.org/about-us/our-programs/>

Core funding areas:

- Education
- Environment
- Gender Equity and Governance
- U.S. Democracy
- Effective Philanthropy - strengthen the capacity of Hewlett Foundation grantees and philanthropy in general
- Cyber Initiative
- Economy & Society Initiative

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## Howard Hughes Medical Institute

<https://www.hhmi.org/programs>

Focus Areas:

- Biomedical Research
- Science Education

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## Alexander von Humboldt Foundation

<https://www.humboldt-foundation.de/en/>

To promote academic cooperation between excellent scientists and scholars from abroad and from Germany. Whether you are a postdoc at the beginning of your academic career or already a world authority in your discipline – we have the right programme for you.

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## Institute for Citizens & Scholars (formerly The Woodrow Wilson National Fellowship Foundation)

<https://citizensandscholars.org/fellowships/all-fellowships/>

Citizens & Scholars fosters future generations of informed, engaged, hopeful citizens who reflect the diversity of our democracy. We leverage and connect Fellows in our vast networks in the continued creation of a diverse knowledge base and fostering of a robust exchange of ideas.

Each Fellowship program is a part of a long tradition of Citizens & Scholars investing in the best and brightest people and ideas. We offer a variety of Fellowships for leaders and scholars across multiple disciplines.

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## Johnson Cancer Research Center at K-State

<https://cancer.k-state.edu/research/researchfunding/>

The Johnson Cancer Research Center advances cancer research at K-State and helps train the next generation of researchers. It supports faculty, undergraduate and graduate students through competitive award programs. All JCRC affiliated faculty members are eligible to apply for awards and sponsor student applications.

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## Robert Wood Johnson Foundation

<https://www.rwjf.org/en/grants.html>

We fund programs that inspire bold ideas and encourage solutions rooted in health equity.

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## **W.M. Keck Foundation**

<http://www.wmkeck.org/grant-programs/grant-programs>

Founded with the goal of generating far-reaching benefits for humanity. The foundation supports:

- Research Program: distinctive and novel research that questions the prevailing paradigm or has the potential to break open new territory in the field
  - Science and Engineering research
  - Medical research
- Undergraduate education

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## **Kettering Family Foundation**

<https://www.cfketteringfamilies.com/philanthropy/kff>

The Foundation trustees have historically approved grants in those areas where family members reside. At the same time 90%+ of the grants approved in recent years have been trustee endorsed, some of which are in areas that may be located outside of family residence areas. Family members live throughout the US, but there are larger concentrations between New York and New Hampshire, in addition to Colorado. We strongly recommend that you contact the Foundation's office to discuss your proposed program before you start the application process. Please send an e-mail to [info@ketteringfamilyphilanthropies.org](mailto:info@ketteringfamilyphilanthropies.org). The Kettering Family Foundation (KFF) will consider activities in the following categories:

Primary Areas of Support:

- Arts, Culture, and Humanities
- Education
- Environment
- Health/Medical
- Human Services
- Public/Society Benefit

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## **The Leakey Foundation**

<https://leakeyfoundation.org/grants/>

The Leakey Foundation exclusively funds research related to human origins.

Funding priorities (as of June 2023):

- Paleoanthropology of the Miocene, Pliocene, and Pleistocene
- Primates: Evolution, behavior, morphology, ecology, endocrinology, genetics, isotope studies
- Modern hunter-gatherer groups



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## Henry Luce Foundation

<https://www.hluce.org/programs/>

The Luce Foundation pursues its mission through eight grant-making programs.

- American Art
- Asia
- Clare Boothe Luce Program for Women in Science
- Indigenous Knowledge
- Luce Scholars Program
  - Forge stronger relationships across geographic borders by creating opportunities for young Americans to deepen their ties and understanding of the countries, cultures, and people of Asia.
- Public Policy
- Religion & Theology

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## John D. and Catherine T. MacArthur Foundation

<https://www.macfound.org/info-grantseekers/>

Grant opportunities (as of June 2023):

- Climate Solutions
- Criminal Justice
- Nuclear Challenges
- On Nigeria
- Journalism & Media
- Technology in the Public Interest

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## Andrew W. Mellon Foundation

<https://www.mellon.org/grant-programs>

Grantmaking Areas:

- Arts & Culture
- Higher Learning
- Public Knowledge
- Humanities in Place

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## Gordon and Betty Moore Foundation

<https://www.moore.org/home>

Areas of interest (see website for specific initiatives in these areas):

- Science
- Environmental conservation
- Patient care

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## National Academies of Sciences, Engineering, and Medicine

<https://www.nationalacademies.org/fellowships-and-grants>

The Academies offer several fellowships in science, engineering, and medicine.

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## National Fish and Wildlife Foundation

<https://www.nfwf.org/apply-grant>

The National Fish and Wildlife Foundation provides funding on a competitive basis to projects that sustain, restore and enhance our nation's fish, wildlife and plants, and their habitats.

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## National Geographic Society

<https://www.nationalgeographic.org/society/grants-and-investments/>

- Ocean
- Land
- Wildlife
- Human Histories and Cultures
- Human Ingenuity

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## Notre Dame Institute for Advanced Study

<https://ndias.nd.edu/fellowships/>

Dedicated to fostering and supporting integrative scholarship addressing ultimate questions at the intersection of the arts, engineering, the humanities, law, and the formal, natural, and social sciences, especially those that transcend disciplinary boundaries.

In order to facilitate collaboration and foster interdisciplinary discussion, the Notre Dame Institute for Advanced study chooses an annual theme to organize its research efforts.

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## David & Lucile Packard Foundation

<https://www.packard.org/grants-and-investments/for-grantseekers/>

Interest Areas:

- Conservation & Science (Climate; Ocean; Science; and Agriculture, Livelihoods, and Conservation)
- Children, Families, and Communities
- Reproductive Health
- Civil Society and Leadership

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## **Caroline Peine Charitable Foundation**

<http://peinefoundation.org/>

Exists to improve the quality of life in the City of Manhattan, Kansas, to benefit the KONZA Prairie and to provide for recreational development in the town of Keats, Kansas.

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## **Pew Scholars in Biomedicine**

<https://www.pewtrusts.org/en/projects/pew-biomedical-scholars>

The Pew Scholars Program in the Biomedical Sciences provides funding to young investigators of outstanding promise in science relevant to the advancement of human health. The program supports the independent research of outstanding individuals who are in their first three years of their appointment at the assistant professor level.

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## **Prevent Cancer Foundation**

<https://www.preventcancer.org/research/grants-fellowships/>

The goal of the Research Grants and Fellowships program is to identify and to provide funding for innovative projects with the potential to make substantial contributions to cancer prevention and early detection. To advance the Prevent Cancer Foundation's bold goal to reduce cancer deaths by 40% by 2035, the Foundation is proud to support research projects dedicated to increasing cancer prevention and early detection.

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## **Radcliffe Institute for Advance Study – Harvard University**

<https://www.radcliffe.harvard.edu/radcliffe-fellowship/become-a-radcliffe-fellow>

The Harvard University Radcliffe Institute Fellowship Program awards 50 fellowships each academic year. Applicants may apply as individuals or in a group of two to three people working on the same project. Radcliffe fellows are exceptional scientists, writers, scholars, public intellectuals, and artists whose work is making a difference in their professional fields and in the larger world. Based in Radcliffe Yard—a sanctuary in the heart of Harvard University—fellows join a uniquely interdisciplinary and creative community. A fellowship at Radcliffe is an opportunity to step away from usual routines and dive deeply into a project. With access to Harvard's unparalleled resources, Radcliffe fellows develop new tools and methods, challenge artistic and scholarly conventions, and illuminate our past and our present.

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## Retirement Research Foundation

<https://www.rrf.org/apply-for-a-grant/>

RRF's Responsive Grants program supports projects that have a significant focus on older adults, ages 65 and over, in the following areas:

- Advocacy – Achieve enduring social change around issues that affect older Americans
- Direct Service – Improve availability and quality of community-based and residential long-term services and supports
- Professional Education and Training – Increase the competency of professional and paraprofessionals who serve older adults
- Research – Seek causes and solutions to significant problems for older adults
- Organizational Capacity Building – Improve management and governance of non-profit organizations

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## Rivkin Center

<https://rivkin.org/research/grants/>

To improve women's health by helping them prevent, detect early, and survive ovarian and breast cancer.

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## Searle Scholars Program

<https://searlescholars.org/>

To support the independent research of exceptional young faculty in the biomedical sciences and chemistry.

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## Simons Foundation

<https://www.simonsfoundation.org/funding-opportunities/>

Grantmaking efforts focus on:

- Mathematics and Physical Sciences
- Life Sciences
- Neuroscience
- Autism Research

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## Alfred P. Sloan Foundation

<https://sloan.org/grants/apply>

In selecting projects for funding, the Foundation seeks proposals for original initiatives led by outstanding individuals or teams. We are interested in projects that have a high expected return to society, exhibit a high degree of methodological rigor, and for which funding from the private sector, government, or other foundations is not yet widely available.

Programs in these broad categories with subcategories of interest on the website (these topics change over time):

- Research
  - Economics
  - Energy and Environment
  - Matter-to-life
  - Sloan Digital Sky Survey
  - Small-Scale Fundamental Physics
- Higher Education
- Technology
  - Better Software for Science
  - Data & Computational Research
  - Exploratory Grantmaking in Technology
  - Scholarly Communication
- Public Understanding of Science & Technology
  - Books, film, new media, radio, television, theater

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## Surdna Foundation

<https://surdna.org/prospective-grantees/>

Program areas:

- Inclusive Economies
- Sustainable Environments
- Thriving Cultures

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## John Templeton Foundation

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

Funding Areas:

- Character Virtue Development
- Culture and Global Perspectives
- Human Sciences
- Individual Freedom & Free Markets
- Life Sciences

- Mathematical & Physical Sciences
  - Philosophy & Theology
  - Public Engagement
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## **Tinker Foundation**

<https://tinker.org/institutional-grants/>

The Foundation's Institutional Grants program seeks to support changes to policy and practice that improve the lives of Latin Americans. The Foundation's funding encompasses three program areas in which research, innovation, scaling of proven models, and exchange of ideas have the potential to make significant, positive impact.

- Democratic Governance
  - Education
  - Sustainable Resource Management
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## **Whitehall Foundation**

<http://www.whitehall.org/about/>

The Foundation is currently interested in basic research in neurobiology, defined as follows: **Invertebrate and vertebrate (excluding clinical) neurobiology, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior.**

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## **Woodrow Wilson International Center for Scholars**

<https://www.wilsoncenter.org/fellowship-application-guidelines#eligibility>

Through an international competition, the Center offers 9-month residential fellowships. The Wilson Center invites scholars, practitioners, journalists and public intellectuals to take part in its flagship international Fellowship Program. Fellows conduct research and write in their areas of interest, while interacting with policymakers in Washington and Wilson Center staff and other scholars in residence. The Center accepts policy-relevant, non-advocacy fellowship proposals that address key challenges confronting the United States and the world.

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