

WORCESTER POLYTECHNIC INSTITUTE

Join our ListServ!
Send email requests
to wking@wpi.edu

Office of Foundation & Corporate Philanthropy
FUNDING OPPORTUNITIES: January – March 2020
wpi.edu/+privatefunding

- Subject Area -

| Click on an opportunity to see more detail: | Award Amount | Submission Deadline | Arts & Humanities | Biology & Biotechnology | Business | Chemistry | Computer Science | Engineering | Mathematics | Physics | Social Sciences |
|---|---------------------|---------------------|-------------------|-------------------------|----------|-----------|------------------|-------------|-------------|---------|-----------------|
| Alfred P. Sloan Foundation: Chemistry of Indoor Environments | Up to \$1.5M+ | LOI Rolling | | | | X | | | | | |
| Alfred P. Sloan Foundation: Data and Computational Research | Up to \$1.5M+ | LOI Rolling | | | | | X | | | | |
| Alpha Foundation for the Improvement of Mine Safety and Health Grants | Up to \$750,000 | 3/8/2020 | | | | | | X | | | |
| Amazon: Machine Learning Research Awards | \$100,000 | Rolling | | | | | X | | | | |
| American Cancer Society: Research Professor Award | \$400,000 | 2/1/2020 LOI | | X | | | | | | | |
| American Chemical Society Petroleum Research Fund: Doctoral New Investigators | \$110,000 | 3/13/2020 | | | | X | | X | | | |
| American Chemical Society Petroleum Research Fund: New Directions Grants | \$110,000 | 3/13/2020 | | | | X | | X | | | |
| American Council of Learned Societies (ACLS): Digital Extension Grants | Up to \$150,000 | 1/8/2020 | X | | | | | | | | |
| American Heart Association: Transformational Project Award | \$300,000 | 1/22/2020 | | X | | | | | | | |
| American Honda Motor Co., Inc. | Up to \$75,000 | 2/1/2020 | | X | | X | X | X | X | X | |
| American Osteopathic Foundation: New Investigator Grant Program | Up to \$50,000 | 1/31/2020 | | X | | | | | | | |
| Arthritis National Research Foundation: Arthritis and Aging Research Grant | Up to \$100,000 | 1/17/2020 | | X | | | | | | | |
| Avery Dennison Corporation | Up to \$225,000 | Rolling | X | X | | X | X | X | X | X | X |
| Brain & Behavior Research Foundation: NARSAD Young Investigator Grant | \$70,000 | 3/19/2020 | | X | | | | | | | |
| The Brinson Foundation: Scientific Research | Average of \$62,000 | Rolling LOI | | X | | | | | | X | |
| Burroughs Wellcome Fund: Career Guidance for Trainees | Up to \$50,000 | 3/7/2020 | | X | | X | X | | | X | |
| Burroughs Wellcome Fund: Collaborative Research Travel Grants | \$15,000 | 2/1/2020 | | X | | | | X | | | |
| Burroughs Wellcome Fund: Innovation in Regulatory Science Awards | Up to \$500,000 | 2/6/2020 | | X | | X | X | X | X | X | |
| Burroughs Wellcome Fund: Postdoctoral Enrichment Program | \$60,000 | 1/15/2020 | | X | | | | X | | | |
| Carnegie Corporation of New York: Education Program | Up to \$1.25M | Rolling LOI | X | | | | X | | | | X |
| Charles A. King Trust Postdoctoral Research Fellowship Program: Basic Sciences Research | Up to \$118,000 | 3/1/2020 | | X | | | | | | | |

* Limited Submission Policy (LSP) Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

WORCESTER POLYTECHNIC INSTITUTE

| Foundation | Award Amount | Submission Deadline | Arts & Humanities | Biology & Biotechnology | Business | Chemistry | Computer Science | Engineering | Mathematics | Physics | Social Sciences |
|--|----------------------|---------------------|-------------------|-------------------------|----------|-----------|------------------|-------------|-------------|---------|-----------------|
| Charles Pankow Foundation: Research Grants | Varies | Rolling | | | | | | X | | | |
| Cisco Systems | Varies | Rolling | | | | | X | | | | |
| Comcast Innovation Fund | Up to \$150,000 | Rolling | | | | | X | | | | |
| Commonwealth Fund | Average of \$260,000 | Rolling LOI | | | X | | X | | | | X |
| Craig H. Neilsen Foundation: Psychosocial Research Grants | \$400,000 | 3/1/2020 LOI | | | | | | | | | X |
| D'Addario Foundation | \$2,500 | 3/31/2020 | X | | | | | | | | X |
| Damon Runyon: Fellowship Award | \$231,000 | 3/16/2020 | | X | | | | | | | |
| Dr. Scholl Foundation *LSP | Up to \$25,000 | 3/1/2020 | X | X | X | | | X | | | X |
| Engineering Information Foundation Grants | Up to \$25,000 | 2/28/2020 | | | | | | X | | | |
| Eppley Foundation for Research Grants | Up to \$30,000 | 3/15/2020 | | X | | | | | | | |
| Ford Foundation | \$100,000+ | Rolling LOI | X | | | | X | | | | X |
| G. Harold & Leila Y. Mathers Charitable Foundation | Up to \$770,000 | Rolling LOI | | X | | | | | | | |
| The Gladys Krieble Delmas Foundation | Up to \$100,000 | Rolling | X | | | | | | | | |
| Howard Hughes Medical Institute: Hanna H. Gray Fellows Program | Up to \$270,000 | 1/8/2020 | | X | | X | | X | | X | |
| Human Frontier Science Program: Research Grants | Up to \$450,000 | 3/18/2020 | | X | | | | | | | |
| Jacobs Foundation: Research Fellowship Program | Up to \$400,000 | 3/17/2020 | | X | | | | | | | X |
| Julian Schwinger Foundation for Physics Research | Up to \$50,000 | Rolling | | | | | | | | X | |
| Klingenstein: Simons Fellowship Awards in Neuroscience | \$225,000 | 2/15/2020 | | X | | | | | | | |
| Knight Foundation: Quality Journalism, Media Innovation, Community Engagement & the Arts | Up to \$1M+ | Rolling LOI | X | | | | | | | | |
| Link Foundation - Modeling, Simulation & Training Fellowships | \$30,000 | 1/15/2020 | | | | | X | X | | | |
| Lockheed Martin | Varies | Rolling | | X | | X | X | X | X | X | |
| LYRASIS: Catalyst Fund | Up to \$100,000 | 2/20/2020 | X | | | | | | | | |
| Mabel Louise Riley Foundation | Up to \$100,000 | Rolling | X | | | | | | | | X |
| McKnight Endowment Fund for Neuroscience: Memory and Cognitive Disorders | \$300,000 | 3/25/2020 | | X | | | | | | | |
| McKnight Endowment Fund for Neuroscience - Scholar Award | \$225,000 | 1/1/2020 | | X | | | | | | | |
| The Medical Foundation: Charles H. Hood Foundation Child Health Research Awards Program | \$165,000 | 3/28/2020 | | X | | | | | | | X |

* Limited Submission Policy (LSP) Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

WORCESTER POLYTECHNIC INSTITUTE

| Foundation | Award Amount | Submission Deadline | Arts & Humanities | Biology & Biotechnology | Business | Chemistry | Computer Science | Engineering | Mathematics | Physics | Social Sciences |
|--|-----------------|---------------------|-------------------|-------------------------|----------|-----------|------------------|-------------|-------------|---------|-----------------|
| The Medical Foundation: Smith Family Awards Odyssey Award | Up to \$300,000 | 3/16/2020 | | X | | | | | | | |
| Michael & Susan Dell Foundation Grants | Up to \$1M | Rolling | X | | | | | | | | X |
| Microsoft: AI for Earth Azure Grant | Computing Time | Rolling | | | | | X | | | | |
| National Pancreas Foundation: Research Grants | Up to \$50,000 | 1/31/2020 | | X | | | | | | | |
| Neuroendocrine Tumor Research Foundation – American Association for Cancer Research Grants | \$250,000 | 1/7/2020 | | X | | | | | | | |
| New York Stem Cell Foundation (NYSCF): Neuroscience Investigator | \$1.5M | 2/19/2020 | | X | | | | | | | |
| New York Stem Cell Foundation (NYSCF): Stem Cell Investigator Awards | \$1.5M | 2/19/2020 | | X | | | | | | | |
| Organization for Autism Research: Applied Research Competition | \$40,000 | 3/23/2020 LOI | | X | X | | X | X | | | X |
| Robert Wood Johnson Foundation: Evidence for Action | Varies | Rolling LOI | | | X | | | | | | X |
| Robert Wood Johnson Foundation: Pioneering Idea Brief Proposal | Up to \$300,000 | Rolling | | | X | | | | | | X |
| Russell Sage Foundation: Improving Education and Reducing Inequality in the United States | Up to \$20,000 | 2/4/2020 | | | | | | | | | X |
| Samuel H. Kress Foundation: History of Art Grants Program | Up to \$66,000 | 1/15/2020 | X | | | | | | | | |
| Sarcoma Alliance for Research Through Collaboration: Career Development Program | \$100,000 | 1/7/2020 LOI | | X | | | | | | | |
| Sarcoma Foundation of America: Research Fund Program | \$50,000 | 1/31/2020 | | X | | | | | | | |
| Simons Foundation: Collaboration Grants for Mathematicians | \$42,000 | 1/30/2020 | | | | | | | X | | |
| Simons Foundation Autism Research Initiative (SFARI): Research Award | Up to \$1.3M | 1/10/2020 | | X | | | | | | | |
| Simons Foundation: Targeted Grants for Mathematics and Physical Sciences (MPS) | Varies | Rolling LOI | | | | | | | X | X | |
| Society for Analytical Chemists of Pittsburgh – Starter Grants | Up to \$50,000 | 1/14/2020 | | | | X | | | | | |
| Spencer Foundation: Small Research Grants | Up to \$50,000 | 2/1/2020 | X | | | | | | | | X |
| Spencer Foundation: Large Research Grants | Up to \$500,000 | 1/14/2020 | | | | | | | | | X |
| St. Baldrick's Foundation: Scholar Awards *LSP | \$330,000 | 1/31/2020 LOI | | X | | | | | | | |
| Toyota USA Foundation Grants | \$50,000+ | Rolling | | X | | X | | X | X | | X |
| Tufts Health Plan Foundation: Systems & Best Practices | Up to \$200,000 | 1/24/2020 LOI | | | X | | | | | | X |
| Tufts Health Plan Foundation: Collaboration & Community Engagement | Up to \$300,000 | 1/24/2020 LOI | | | X | | | | | | X |
| VentureWell: (Student) E-Team Grants | Up to \$25,000 | 2/5/2020 | | | X | | X | X | | | X |

* Limited Submission Policy (LSP) Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

WORCESTER POLYTECHNIC INSTITUTE

| Foundation | Award Amount | Submission Deadline | Arts & Humanities | Biology & Biotechnology | Business | Chemistry | Computer Science | Engineering | Mathematics | Physics | Social Sciences |
|--|--------------------|---------------------|-------------------|-------------------------|----------|-----------|------------------|-------------|-------------|---------|-----------------|
| Marion and Jasper Whiting Foundation: Faculty Travel Fellowships | Average of \$5,252 | 1/10/2020 | X | X | X | X | X | X | X | X | X |
| TED: The Audacious Project | Varies | Rolling | | | | | | | | | X |
| Whitehall Foundation: Research Grants | Up to \$225,000 | 1/15/2020 LOI | | X | | | | | | | |
| Whitehall Foundation: Research Grant-in-Aid | \$30,000 | 1/15/2020 LOI | | X | | | | | | | |
| William P. Wharton Trust | Up to \$15,000 | 3/1/2020 LOI | | X | | | | | | | |
| William T. Grant Foundation: Research Grants | Up to \$1M | 1/9/2020 LOI | | | X | | | | | | X |

Please contact Lynn Lancaster or Erin Harper in Foundation & Corporate Philanthropy at lmancaster@wpi.edu or eharper@wpi.edu if you have any questions or before approaching a foundation.

Three Additional Resources for Grant-Seekers:

- ❖ *ProposalCENTRAL Opportunities* (<https://proposalcentral.altum.com/opportunities.asp>)
- ❖ Foundation Directory Online*
- ❖ PIVOT*

*Available through the WPI library's online databases

Updated 11/27/2019

* Limited Submission Policy (LSP) Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

WORCESTER POLYTECHNIC INSTITUTE

Office of Foundation & Corporate Philanthropy

FUNDING OPPORTUNITIES: January – March 2020

Contact Lynn Lancaster or Erin Harper in Foundation & Corporate Philanthropy at lmancaster@wpi.edu or eharper@wpi.edu with questions or before approaching a private funder.

➤ Alfred P. Sloan Foundation: Chemistry of Indoor Environments

- **Deadline:** Rolling for LOI
- **Grant Range:** \$3,000 to \$1,500,000

The goal of the program is to grow a new field of scientific inquiry focused on understanding the fundamental chemistry taking place in indoor environments and how that chemistry is shaped by building attributes and human occupancy. The program makes grants to achieve a series of interrelated goals:

- Generate new knowledge by directly supporting original, high-quality research to identify indoor chemical sources, characterize the chemical and physical transformations taking place indoors, and determine how indoor chemistry is shaped by building attributes and occupancy.
- Develop a modeling consortium to improve the cohesiveness of the community and its ability to integrate findings.
- Build a thriving, multidisciplinary research community of chemists; environmental, civil, and mechanical engineers; architects; atmospheric scientists; microbiologists; and environmental health experts that will endure beyond the program's timeline.
- Train the next generation of scholars and practitioners. An important component of this program is introducing new voices into the field and training the next generation of researchers.
- Develop community-wide research protocols, and norms.
- Advance capacity for discovery through development of new tools for data collection, sampling, analysis, and visualization.

For more information: <https://sloan.org/programs/research/chemistry-of-indoor-environments>

➤ Alfred P. Sloan Foundation: Data and Computational Research Grants

- **Deadline:** Rolling for LOI
- **Grant Range:** Varies; recent grants range from \$20,000 - \$1.5 Million

Grants in this program tend to fall into four broad types:

- Software grants support technology development ranging from prototyping funds to substantial scaling resources;
- Training grants to support work force training and curricular initiatives as well as targeted adoption of new technologies by specific communities;
- Research grants to bring historical, ethnographic, and economic research methods to bear on our understanding of scholarly activities in a changing technological context; and
- Community grants to build networks for knowledge exchange across disciplines as well as institutions that serve to incubate sustainable research and software projects.

For more information: <https://sloan.org/programs/digital-technology/data-and-computational-research>

➤ Alpha Foundation for the Improvement of Mine Safety and Health Grants

- **Deadline: March 8, 2020 (anticipated)**
- **Grant Range: up to \$750,000**

The Foundation is now seeking proposals that address any of the topics and priority areas that have been identified. These are:

- Health and Safety Interventions
- Mine Escape, Rescue, and Training
- Safety and Health Management and Training
- Injury and Disease Exposure and Risk Factors

Note that while proposals are especially encouraged in the above areas, the Foundation is always interested in receiving strong proposals that address other compelling mining safety and health needs that are not explicitly listed

For more information: <https://www.alpha-foundation.org/our-grant-program/information-for-current-grantees/>

➤ Amazon: Machine Learning Research Awards

- **Deadline: Rolling with quarterly announcements**
- **Grant Range: up to \$100K per faculty member and up to \$80K per student, plus AWS credits**

The AWS Machine Learning Research Awards (MLRA) assists faculty, PhD candidates, and graduate students with research to advance the frontiers of machine learning (ML) and its application across a wide range of problems---from finding new therapies for cancer to solving climate change and exploring outer space. MLRA provides eligible researchers and university programs cash awards and AWS Promotional Credits so that they can do more faster using the most advanced compute, analytics, and machine learning tools available in the cloud. To receive an application please contact AWS at aws-ml-research-awards@amazon.com.

For more information: <https://aws.amazon.com/aws-ml-research-awards/>

➤ American Cancer Society: Research Professor Award

- **Deadline: February 1, 2020 for LOI (anticipated)**
- **Grant Range: \$80,000 per year for 5 years; may be renewed once**

Awarded to outstanding mid-career investigators who have made seminal contributions that have changed the direction of cancer research. In general, applicants will recently have attained the rank of full professor. Furthermore, it is expected that these investigators will continue to provide leadership in their research area. Up to two awards are made annually for a five-year term that can be renewed once.

For more information: <http://www.cancer.org/research/applyforaresearchgrant/granttypes/research-professor-grants>

➤ American Chemical Society (ACS): Petroleum Research Fund (PRF)

- **Deadline:** March 13, 2020
- **Grant Range:** \$110,000 over 2 years

ACS PRF research grant programs support fundamental research in the **petroleum field** and development of the next generation of engineers and scientists. Research areas supported include **chemistry**, the earth sciences, **chemical and petroleum engineering**, and related fields such as polymers and **materials science**.

Doctoral New Investigator (DNI) grants provide start-up funding for scientists and engineers in the United States who are within the first three years of their first academic appointment at the level of Assistant Professor or the equivalent. Applicants may have limited or no preliminary results for a research project they wish to pursue, with the intention of using the preliminary results obtained to seek continuation funding from other agencies. The DNI grants are to be used to illustrate proof of principle or concept, to test a hypothesis, or to demonstrate feasibility of an approach.

For more information: <http://www.acs.org/content/acs/en/funding-and-awards/grants/prf/programs/dni.html>

New Directions (ND) grants stimulate a *new direction* of research for established faculty and support the careers of their student scientists and engineers. ND grants provide funds to scientists and engineers with limited—or even no—preliminary results for a research project they wish to pursue, who intend to use the preliminary results obtained to seek continuation funding elsewhere. ND grants are to be used to illustrate proof of concept/feasibility. Accordingly, they are to be viewed as seed money for new research ventures.

For more information: <http://www.acs.org/content/acs/en/funding-and-awards/grants/prf/programs/nd.html>

➤ American Council of Learned Societies (ACLS): Digital Extension Grants

- **Deadline:** January 8, 2020
- **Grant Range:** up to \$150,000 for 12-18 months

This program supports digitally based research projects in all disciplines of the humanities and related social sciences. It is hoped that these grants will help advance humanistic scholarship by enhancing established digital projects, extending their reach to new communities of users, and supporting teams of scholars at all career stages as they participate in digital research projects. This program aims to extend the opportunity to participate in the digital transformation of humanistic inquiry to a greater number of humanities scholars. ACLS Digital Extension Grants support projects that have advanced beyond the start-up phase of development as they pursue one or more of the following activities:

- Developing new systems of making established digital resources available to broader audiences and/or scholars from diverse institutions
- Extending established digital projects and resources with content that adds diversity or interdisciplinary reach
- Fostering new team-based collaborations between scholars at all career stages. Projects that convene, train, and empower communities of humanities faculty and/or graduate students around established digital research projects, as well as projects that allow scholars from institutions with limited digital infrastructure to exploit digital resources or to participate in existing labs or working groups, are especially welcome

- Creating new forms and sites for scholarly engagement with the digital humanities. Projects that document and recognize participant engagement are strongly encouraged.

For more information: <http://www.acls.org/programs/digitalextension/>

➤ **American Heart Association: Transformational Project Award**

- **Deadline: January 22, 2020**
- **Grant Range: \$300,000 over 3 years**

The goal of this program is to support highly innovative, high-impact projects that build on work in progress that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research. Research deemed innovative may be built around an emerging paradigm, approaching an existing problem from a new perspective, or exhibit other uniquely creative qualities. Successful applications are likely to be those building on strong preliminary data supportive of the hypothesis. This program aims to provide funding that should lead to successful competition for additional funding beyond the award period. The PI is responsible for clearly and explicitly articulating the project's innovation and the potential impact on cardiovascular and/or cerebrovascular research.

For more information:

https://professional.heart.org/professional/ResearchPrograms/UCM_497208_Transformational-Project-Award.jsp

➤ **American Honda Motor Co., Inc.**

- **Deadline: February 1, 2020**
- **Grant Range: \$20,000 - \$75,000**

The American Honda Foundation engages in grant making that reflects the basic tenets, beliefs and philosophies of Honda companies, which are characterized by the following qualities: imaginative, creative, youthful, forward-thinking, scientific, humanistic and innovative. We support **youth education with a specific focus on the STEM** subjects in addition to the **environment**.

For more information: <https://www.honda.com/community/applying-for-a-grant>

➤ **American Osteopathic Foundation: New Investigator Grant Program**

- **Deadline: January 31, 2020**
- **Grant Range: up to \$50,000**

The objective of this grant is to advance the scientific training of new investigators by providing funding for research projects. A New investigator is defined as Principal Investigator (PI) who has completed his/her terminal research degree or end of post-graduate clinical training, whichever date is later, within the past 10 years. Individuals who have previously competed 3 successfully as a PI for an AOA larger grant (i.e., \$100,000 to \$150,000 grant award) and/or received an R01 National Institutes of Health (NIH) grant or its equivalent as a PI are not eligible. Research projects considered for this program may be basic science, clinical science, or health services that will contribute to osteopathic medicine. Additionally, the AOF seeks to encourage individuals to aspire to conduct and contribute to osteopathic research throughout their careers.

For more information: <https://osteopathic.org/life-career/osteopathic-research/research-grants/new-investigators-grants/>

➤ **Arthritis National Research Foundation: Arthritis and Aging Research Grant**

- **Deadline: January 17, 2020**
- **Grant Range: up to \$100,000**

In a collaborative effort, the Arthritis National Research Foundation (ANRF) and the American Federation for Aging Research (AFAR) are seeking grant applications that focus on studying the underlying mechanisms by which aging processes contribute to the development of arthritis. Studies are encouraged on the role of one or more of the hallmarks of aging that include mitochondrial dysfunction, genomic instability, epigenetic alterations, loss of proteostasis, deregulated nutrient sensing, cellular senescence, stem cell exhaustion, telomere attrition and altered intercellular communication. Successful applications will utilize cell, tissue and animal model systems or human populations that allow for the study of the aging aspects of the condition of interest. Priority will be given to meritorious applications from newer, M.D. and/or Ph.D. applicants in early stage career development (equivalent to assistant professor and without serving as PI on an NIH R01 award).

For more information: <http://www.curearthritis.org/arthritis-aging-research-grant/>

➤ **Avery Dennison Foundation**

- **Deadline: Rolling; decisions on a quarterly basis**
- **Grant Range: not specified; prior year range of \$3K - \$225K**

The Avery Dennison Foundation supports non-profit non-governmental organizations in markets where our employees live and work. Regardless of geography, all the grants we award will extend our strategic giving in support of education, sustainability, and women's empowerment. Project or programs must satisfy one or more of the following criteria:

Educational Grant Criteria:

- Provide direct services to populations who are traditionally underserved because of gender, socioeconomic status, or geography.
- Provide educational improvements to elementary, secondary, post-secondary and/or vocational schools.

Sustainable Grant Criteria:

- Provide direct support for projects that address environmental resources and contribute to the social, environmental and economic wellbeing of communities.
- Educate community members about responsible care of the environment, particularly as it relates to the manufacturing industry. Examples include energy and water conservation, waste reduction, recycling, responsible forestry, sustainable packaging, product safety and resource conservation.

Women's Empowerment Grant Criteria:

- Provide direct services to address female gender equality, equity and improved quality of life for women.

- Authentic involvement of women and/or community members in the project's design and implementation.

For more information: <http://www.averydennison.com/en/home/about-us/averydennisonfoundation.html>

➤ **Brain & Behavior Research Foundation: NARSAD Young Investigator Grant**

- **Deadline:** March 19, 2020 (anticipated)
- **Grant Range:** \$70,000 over 2 years

Provides support for young scientists conducting **neurobiological research** to either extend research fellowship training or begin careers as independent research faculty. Basic and/or clinical investigators are supported, but research must be relevant to serious brain and behavior disorders such as schizophrenia, mood disorders, anxiety disorders or child and adolescent mental illnesses.

For more information: <https://bbrfoundation.org/yi>

➤ **The Brinson Foundation: Scientific Research**

- **Deadline:** Rolling for LOI
- **Grant Range:** in 2018, 12 Scientific Research grants were awarded with an average of \$62,000

The Foundation promotes the work of young researchers and is interested in programs on the cutting edge of research that are underfunded or not yet eligible for funding by governmental programs. Grants are made in the following focus areas: **Astrophysics, Cosmology, Evolutionary Developmental Biology, and Geophysics.**

For more information: <http://www.brinsonfoundation.org/scientific-research/>

➤ **Burroughs Wellcome Fund: Career Guidance for Trainees**

- **Deadline:** March 7, 2020 (anticipated)
- **Grant Range:** \$30,000 to \$50,000

Moving from training to satisfying employment, whether within academe or in other realms, can require skills not always learned at the bench. Helping trainees understand, acquire, and demonstrate skills that make them ready for complex careers should be the goal of submitted projects.

The Burroughs Wellcome Fund will support pilot projects that demonstrate practical approaches to readying scientists for career transitions. Projects may be meant to enhance trainees' understanding of jobs beyond the Academy, or of career trajectories within academe, or of the flexibility of scientists' intellectual skill set.

For more information: <https://www.bwfund.org/grant-programs/career-guidance/career-guidance-trainees>

➤ **Burroughs Wellcome Fund: Collaborative Research Travel Grants**

- **Deadline:** February 1, 2020 (anticipated)
- **Grant Range:** up to \$15,000

The Collaborative Research Travel Grant (CRTG) program provides grants in support for relatively unrestricted travel funds to academic scientists (faculty and postdocs) at U.S. or Canadian degree-granting

institutions. Grants must be used for domestic or international travel to another lab to learn new research techniques or begin or continue a collaboration to address biomedical questions. All proposals must be cross-disciplinary. Applicants with a doctoral degree in the physical, mathematical, or engineering sciences working on a biological problem are encouraged to apply. Conversely, proposals from biological scientists who desire to collaborate with a physical scientist, mathematician, or engineer are also encouraged to apply.

For more information: <http://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants>

➤ **Burroughs Wellcome Fund: Innovation in Regulatory Science Awards**

- **Deadline: February 6, 2020 (anticipated)**
- **Grant Range: up to \$500,000 over 5 years**

The Burroughs Wellcome Fund identified Innovation in Regulatory Science as an important, underfunded area. This initiative is designed to provide financial support to stimulate research efforts in this area. The program's focus is on providing support for academic researchers developing new methodologies or innovative approaches in regulatory science that will ultimately inform the regulatory decisions FDA and others make. This would necessarily draw upon the talents of individuals trained in mathematics, computer science, applied physics, medicine, engineering, toxicology, epidemiology, biostatistics, and systems pharmacology, to name a few.

For more information: <https://www.bwfund.org/grant-programs/regulatory-science/innovation-regulatory-science>

➤ **Burroughs Wellcome Fund: Postdoctoral Enrichment Program**

- **Deadline: January 15, 2020**
- **Grant Range: \$60,000 over 3 years**

Supports career development activities for **underrepresented minority** postdoctoral fellows whose training and professional development are guided by mentors committed to helping them advance to stellar careers in **biomedical or medical research**.

For more information: <http://www.bwfund.org/grant-programs/diversity-science/postdoctoral-enrichment-program>

➤ **Carnegie Corporation of New York: Education Program**

- **Deadline: Rolling for LOI**
- **Grant Range: in 2019, 25 education grants ranged from \$10K to \$1.25M+**

The Carnegie Foundation Education Program has five Focus Areas:

- **Leadership & Teaching to Advance Learning:** For improving systems of preparing, recruiting, and developing teachers and education leaders to serve the needs of diverse learners.
- **New Designs to Advance Learning:** For developing whole school models that provide more effective learning environments for diverse learners.
- **Public Education:** For supporting research on strategies that can drive parent and family

engagement in education.

- **Pathways to Postsecondary Success:** For improving alignment in student learning expectations between K-12 and postsecondary education.
- **Integration, Learning & Innovation:** For advancing integrated approaches across the Corporation's portfolios and the field that enable greater collaboration, coherence, and dynamism.

For more information on how to submit an LOI: <https://www.carnegie.org/grants/grantseekers/how-apply/>

➤ **Charles A. King Trust Postdoctoral Research Fellowship Program: Basic Sciences Research**

- **Deadline:** March 1, 2020 (anticipated)
- **Grant Range:** 2-year grants ranging from \$104,008 - \$117,760

The Charles A. King Trust Postdoctoral Research Fellowship Program supports postdoctoral scientists in biomedical fields at institutions in Massachusetts working under the supervision of an established scientist who is a designated Mentor. Proposals in the basic sciences focused **cancer**, **blindness** (not visual impairment), or **child health** are highly encouraged.

For more information: <https://hria.org/tmf/KingBasic/>

➤ **Charles Pankow Foundation (CPF): Research Grants**

- **Deadline:** Rolling
- **Grant Range:** No set guideline (past range is \$105,000 to \$400,000)

Grants are awarded that provide innovative advances in the design and construction of buildings and facilities in the U.S. The Foundation's goal is to address a significant industry need. The products of their research grants are intended to be of immediate and practical use. Typical users of their research outcomes include owner representatives, architects, structural engineers, specialty consultants, construction contractors, construction managers, design team managers, and others. Although great ideas and interesting individual research projects are always welcome, grants generally align with the CPF's current initiatives. The list of CPF initiatives may be updated at any time.

For more information: <https://www.pankowfoundation.org/apply-for-grants/>

➤ **Cisco Systems**

- **Deadline:** Rolling
- **Grant Range:** Varies

Cisco Research Center (CRC) connects researchers and developers from Cisco, academia, governments, customers, and industry partners with the goal of facilitating collaboration and exploration of new and promising technologies.

First and foremost, Cisco is interested in exploring issues, topics, and problems that are relevant to their core business of improving the Internet. Cisco is also deeply interested in adjacent technologies that leverage the power of the network to change the world around us.

For a full list of open RFP's visit: <http://research.cisco.com/research-programs.html>

➤ Comcast Innovation Fund

- **Deadline:** Rolling
- **Grant Range:** \$3,000 - \$150,000

• **Research Grants** A general research grant provides an unrestricted award of funds to support excellent technical research in a wide variety of fields that are relevant to the broadband industry and/or to Comcast specifically.

• **Open Source Development Grants** Open Source Development Grants are intended to fund new or continued development of open source software in areas of interest to Comcast or of benefit to the Internet and broadband industries.

For more information: <http://innovationfund.comcast.com/>

➤ Commonwealth Fund

- **Deadline:** Rolling for LOI
- **Grant Range:** 2018 median award \$260,265

The mission of The Commonwealth Fund is to promote a high performing health care system that achieves better access, improved quality, and greater efficiency, particularly for society's most vulnerable, including people with low-incomes, the uninsured, minority Americans, young children, people with disabilities, and the elderly. The Fund's current programs are:

- Health Care Coverage and Access
- Health Care Delivery System Reform
- International Health Policy & Practice Innovations
- Breakthrough Health Care Opportunities

For more information: <http://www.commonwealthfund.org/grants-fellowships/applying-grants>

➤ Craig H. Neilsen Foundation: Psychosocial Research Grants

- **Deadline:** March 1, 2020 for LOI
- **Grant Range:** \$400,000

The Psychosocial Research (PSR) portfolio supports research that addresses the interrelation of behavior, social, psychological and other quality of life factors that will benefit people living with spinal cord injury. The goal of the portfolio is to develop sound data to inform and disseminate best practices that produce better outcomes, including quality of life, for people living with spinal cord injury and their loved ones. Areas of interest include: aging, caregiving, employment, health behaviors and fitness, independent living, self-management and technology access.

For more information: <http://chnfoundation.org/psychosocial-research/>

➤ D'Addario Foundation

- **Deadline: March 31, 2020**
- **Grant Range: the average dollar amount granted is approximately \$2,500**

The D'Addario Foundation is a non-profit organization that identifies the highest quality, most impactful instrument instruction programs in communities of need and awards grants and product donations to assist their growth and development. The foundation believes in the power of music to unlock creativity, boost self-confidence, and enhance academics. By making music education accessible, the foundation can positively affect social change and foster better citizens of the world.

For more information: <http://www.daddariofoundation.org/grants>

➤ Damon Runyon: Fellowship Award

- **Deadline: March 16, 2020**
- **Grant Range: \$231,000 over 4 years**

The Foundation encourages all theoretical and experimental research relevant to the study of cancer and the search for **cancer** causes, mechanisms, therapies, and prevention. Candidates must apply for the fellowship under the guidance of a Sponsor—a scientist (tenured, tenure-track or equivalent position) capable of providing mentorship to the Fellow.

For more information: http://www.damonrunyon.org/for_scientists/more/fellowship_award_overview

➤ Dr. Scholl Foundation

- **Deadline: March 1, 2020**
- **Grant Range: no limit; average range \$5,000 - \$25,000**
Limited Submission

No more than one candidate per institution may apply. Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

Dr. Scholl Foundation provides financial assistance to organizations committed to improving our world. Solutions to the problems of today's world still lie in the values of innovation, practicality, hard work and compassion. Applications for grants are considered in the following areas, though these categories are not intended to limit the interest of the Foundation from considering other worthwhile projects:

- Education
- Social Service
- Healthcare
- Civic and Cultural
- Environmental

For more information: <https://www.drschollfoundation.com/>

➤ Engineering Information Foundation Grants

- **Deadline:** February 28, 2020
- **Grant Range:** up to \$25,000

Grants support developmental projects, instructional projects, and training programs in engineering education and research that fit our fields of interest. These currently include the availability and use of published information, women in engineering, and information access in developing countries.

For more information: <http://www.eifgrants.org/info/apply.html>

➤ Eppley Foundation for Research Grants

- **Deadline:** March 15, 2020 for LOI
- **Grant Range:** up to \$30,000

The Eppley Foundation supports advanced, novel, scientific research by PhDs or MDs with an established record of publication in their specialties. Candidates with newly awarded doctorates occasionally, but rarely, meet the Foundation's requirements for advanced research.

For more information: <http://fdnweb.org/eppley/#apply>

➤ Ford Foundation

- **Deadline:** Rolling
- **Grant Range:** \$100,000+

Ford Foundation awards grants within seven program areas focused on **challenging inequality**:

- Civic Engagement and Government
- Creativity and Free Expression
- Future of Workers
- Gender, Racial, and Ethnic Justice
- Technology and Society
- Just Cities and Regions
- Natural Resources and Climate Change

The Ford Foundation is always open to new ideas and invites you to submit yours through a short online form. They will review each one and be in touch within 45 days if they are interested in learning more.

For more information: <http://www.fordfoundation.org/work/our-grants/>

➤ G. Harold & Leila Y. Mathers Charitable Foundation

- **Deadline:** Rolling for LOI
- **Grant Range:** Grants in 2017 ranged from \$75,000 to \$770,000

The Foundation is primarily interested in supporting fundamental basic research in the life sciences. Support is provided for specific projects from established researchers at top universities and independent research institutions within the United States.

For more information: <http://www.mathersfoundation.org/index.php/policies/>

➤ **The Gladys Krieble Delmas Foundation**

- **Deadline: Rolling**
- **Grant Range: Past giving up to \$100,000**

The foundation supports the humanities, research libraries, and New York City performing arts organizations, and has a particular interest in encouraging **Venetian scholarship**. Research library funding is primarily directed toward European and American letters.

For more information: <http://delmas.org/>

➤ **Howard Hughes Medical Institute: Hanna H. Gray Fellows Program**

- **Deadline: January 8, 2020**
- **Grant Range: \$90,000 - \$270,000**

HHMI seeks to increase diversity in the biomedical research community. We know that the biggest challenges in science call for diverse perspectives and original thinking. The goal of the Hanna H. Gray Fellows Program is to recruit and retain individuals who are from gender, racial, ethnic, and other groups underrepresented in the life sciences, including those from disadvantaged backgrounds, early in their careers. We believe these promising scientists have the potential to become leaders in academic research and inspire future generations.

In keeping with HHMI's "people, not projects" approach to funding, this competition is open to those dedicated to basic research from both doctoral and/or medical training paths in the biomedical and life science disciplines, including plant, evolutionary, chemical and computational biology, as well as biophysics and biomedical engineering. During the duration of the award, Fellows have freedom to change their research focus and follow their own curiosity.

Fellows will receive funding through their academic institution for postdoctoral training and may continue to receive funding during their early career years as independent faculty. The program includes opportunities for career development, including mentoring and networking with others in HHMI's scientific community.

For more information: <http://www.hhmi.org/programs/hanna-h-gray-fellows-program#Overview>

➤ **Human Frontier Science Program: Research Grants**

- **Deadline: March 18, 2020 (anticipated)**
- **Grant Range: up to \$450,000**

HFSP Research Grants support innovative basic research into fundamental biological problems with emphasis placed on novel and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries.

Young Investigators - awarded to teams of researchers, all of whom are within the first five years after obtaining an independent laboratory (e.g. Assistant Professor, Lecturer or equivalent). Applications for Young Investigators' Grants will be reviewed in competition with each other independently of applications for Program Grants.

Program Grants - awarded to teams of independent researchers at any stage of their careers. The research team is expected to develop new lines of research through the collaboration. Up to \$450,000 per grant per year may be applied for. Applications including independent investigators early in their careers are encouraged.

For more information: <https://www.hfsp.org/funding/hfsp-funding/research-grants>

➤ **Jacobs Foundation: Research Fellowship Program**

- **Deadline: March 17, 2020 (anticipated)**
- **Grant Range: \$150,000 - \$400,000**

The Jacobs Foundation Research Fellowship Program is a globally competitive fellowship program for early and mid-career researchers aiming at improving the development and living conditions of children and youth or contributing to one of the Jacobs Foundation's thematic priorities. This includes, but is not limited to educational sciences, psychology, economics, sociology, family studies, media studies, political sciences, linguistics, neurosciences, and medical sciences.

Fellowships are awarded to the most highly talented and innovative young scholars and mid-career researchers. Scholars who engage in interdisciplinary work on individual development and learning of children and youth, and who seek to combine multiple levels of analysis, are particularly encouraged to apply.

For more information: <https://jacobsfoundation.org/en/activity/jacobs-foundation-research-fellowship-program/>

➤ **Julian Schwinger Foundation for Physics Research**

- **Deadline: Rolling**
- **Grant Range: up to \$50,000**

The Julian Schwinger Foundation supports research and educational activities for which funding from other sources is typically not available. Julian Schwinger had a particular interest in multi-scale physics such as, for example, energy concentrating phenomena. While JSF accords proposals on such topics with high priority, all proposals based on well-grounded physics research, even if daring, are considered seriously.

In addition, limited funds are available for improving educational opportunities at the undergraduate level and above. In particular, the foundation will consider applications for sponsorship for scientific workshops, conferences summer schools and the like, as well as grants for undergraduate research projects.

For more information: <https://schwingerfoundation.org/application.php>

➤ **Klingenstein: Klingenstein-Simons Fellowship Awards in Neuroscience**

- **Deadline: February 15, 2020**
- **Grant Range: \$225,000 over 3 years**

Previously known as the Klingenstein Fellowship Awards in the Neurosciences, this year's awards are the fifth from this joint project of the Klingenstein Fund and the Simons Foundation. The awards are among the nation's oldest and most illustrious fellowships for young investigators in neuroscience research.

Aimed at advancing cutting-edge investigations, the awards are presented to highly promising, early career scientists. At this critical juncture in young investigators' careers, when funding can be a challenge, the fellowship awards promote higher-risk, and potentially higher-reward, projects.

For more information: <http://www.klingfund.org/>

➤ **Knight Foundation: Quality Journalism, Media Innovation, Community Engagement & the Arts**

- **Deadline: Rolling for LOI**
- **Grant Range: up to \$1M+**

The Knight Foundation supports transformational ideas that promote quality journalism, advance media innovation, engage communities and foster the arts. The foundation believes that democracy thrives when people and communities are informed and engaged.

To go to the Knight Foundation Grantee Portal: <https://www.knightfoundation.org/apply>

➤ **Link Foundation - Modeling, Simulation & Training Fellowships**

- **Deadline: January 15, 2020**
- **Grant Range: \$30,000**

The Link Foundation Modeling, Simulation, and Training Program was put in place with the following objectives:

- To foster advanced level research in modeling, simulation, and training
- To enable Ph.D. students the freedom to work on their research full time
- To disseminate the results of that research through conferences, journals, and other publications.

For more information: <http://www.linksim.org/>

➤ **Lockheed Martin**

- **Deadline: Rolling**
- **Grant Range: Varies**

Lockheed Martin is committed to a program of philanthropy that supports the Corporation's strategic business goals, primarily in the focus areas of science, technology, engineering and mathematics (STEM) education and military and veteran causes.

Lockheed Martin's philanthropic activities are administered by the communications representatives at the Corporation's operating units around the country and at corporate headquarters. In general, philanthropic

contributions to national initiatives and organizations are made from corporate headquarters and contributions to local programs are made by Lockheed Martin sites close to the program.

For more information: <https://www.lockheedmartin.com/en-us/who-we-are/communities/applying-for-contributions.html>

➤ **LYRASIS: Catalyst Fund**

- **Deadline: February 20, 2020 (anticipated)**
- **Grant Range: up to \$100,000**

The Catalyst Fund is an award program to fund new ideas and innovative projects by LYRASIS members. It is a membership benefit administered by the LYRASIS Leaders Circle to expand opportunities to share expertise and collaborate on innovations with potential for community-wide impact.

The Catalyst Fund supports creative concepts that:

- Advance important objectives of the library, archive, and museum communities;
- Test-and-try new approaches to common problems; and
- Serve the broad interests of LYRASIS' membership.

For more information: <https://www.lyrasis.org/Leadership/Pages/Catalyst-Fund.aspx>

➤ **Mabel Louise Riley Foundation**

- **Deadline: Rolling**
- **Grant Range: \$50,000 - \$100,000**

Current priorities include literacy and afterschool programs for disadvantaged children and adolescents; programs focused on the character building of children and adolescents; community development that will benefit low-income and minority neighborhoods; citywide efforts that promote cultural improvements and the arts; and grants that, despite some risk, offer a potential of high impact or significant benefits for a community.

While the Foundation is centered in Greater Boston, the Trustees will consider grants submitted on behalf of Massachusetts organized charities that focus on the categories of funding noted above.

For more information: <http://www.rileyfoundation.com/>

➤ **McKnight Endowment Fund for Neuroscience: Memory and Cognitive Disorders Award**

- **Deadline: March 25, 2020 for LOI (anticipated)**
- **Grant Range: \$300,000 over 3 years**

The Memory & Cognitive Disorders Awards solve the problems of neurological and psychiatric diseases, especially those related to memory and cognition. Memory & Cognitive Disorder Awards encourage research aimed at translating laboratory discoveries about the brain and nervous system into diagnoses and therapies to improve human health. Collaborative projects between basic and clinical neuroscientists are welcome, as are proposals that help link basic with clinical neuroscience.

Proposals that address memory or cognition under normal and pathological conditions are of interest. This includes proposals that address mechanisms of memory or cognition at the synaptic, cellular, molecular, genetic or behavioral level in animals, including humans. We are particularly interested in proposals that incorporate fundamentally new approaches, as well as those that involve human experimentation. Collaborative and cross-disciplinary applications are encouraged.

For more information: <https://www.mcknight.org/programs/the-mcknight-endowment-fund-for-neuroscience/memory-cognitive-disorders-awards/>

➤ **McKnight Endowment Fund for Neuroscience: Scholar Award**

- **Deadline: January 1, 2020**
- **Grant Range: \$225,000 over 3 years**

The McKnight Scholar Awards encourage neuroscientists in the early stages of their careers to focus on disorders of learning and memory.

The Scholar Awards support young scientists who: hold an M.D. and/or Ph.D. degree; have completed formal postdoctoral training; and demonstrate a commitment to neuroscience. The Endowment Fund especially seeks applicants working on problems that, if solved at the basic level, would have immediate and significant impact on clinically relevant issues.

For more information: <https://www.mcknight.org/programs/the-mcknight-endowment-fund-for-neuroscience/scholar-awards/>

➤ **The Medical Foundation: Charles H. Hood Foundation Child Health Research Awards Program**

- **Deadline: March 28, 2020**
- **Grant Range: \$165,000 over 2 years**

The intent of the Child Health Research Awards Program is to support newly independent faculty, provide the opportunity to demonstrate creativity, and assist in the transition to other sources of research funding. Grants support hypothesis-driven clinical, basic science, public health, health services research, and epidemiology projects focused on child health.

For more information: <https://hria.org/tmf/hood/>

➤ **The Medical Foundation: Smith Family Awards Odyssey Award**

- **Deadline: March 16, 2020 (anticipated)**
- **Grant Range: up to \$300,000 over 2 years**

The Smith Family Foundation Odyssey Award was created to fuel creativity and innovation in junior investigators in the basic sciences. The Award supports the pursuit of high impact ideas to generate breakthroughs and drive new directions in biomedical research. The awards will fund high-risk, high-reward pilot projects solicited from our brightest junior faculty in the region.

For more information: <https://hria.org/tmf/smithodyssey/>

➤ **Michael & Susan Dell Foundation Grants**

- **Deadline: Rolling**
- **Grant Range: up to \$1,000,000**

The Foundation looks to fund proposals that are focused on their anchors of impact:

- Help low-income students attend quality schools
- Supporting classrooms with high-quality tools, technology, and resources to deliver effective instruction
- Help low-income student earn university degrees
- Provide new career/job opportunities of low-income young adults
- Improve the financial stability of low-income families by creating access to responsible financial services
- Improve the health and wellness of children and their families

For more information: <https://www.msdf.org/apply/>

➤ **Microsoft: AI for Earth Azure Grant**

- **Deadline: Rolling**

AI for Earth awards Microsoft Azure cloud computing resources, including AI tools, to people and organizations that are working to transform the way we understand and manage our natural resources. Grantees receive access to and training on Microsoft's innovative data science, machine learning, and visualization tools to improve their work in addressing climate change, protecting biodiversity, improving agricultural yields, and lessening water scarcity.

For more information: <https://www.microsoft.com/en-us/ai-for-earth/grants>

➤ **National Pancreas Foundation: Research Grants**

- **Deadline: January 31, 2020**
- **Grant Range: up to \$50,000**

Grant research proposals should directly address questions in basic, experimental or translational pancreas disease research, including, but not limited to acute, chronic, & pediatric pancreatitis, pancreatic cysts, pancreatic insufficiency, early detection and pancreatic cancer. Investigators should be in the early stages of their career. Studies more closely related to diabetes will not be accepted.

For more information: <https://pancreasfoundation.org/research/grants-and-awards/>

➤ **Neuroendocrine Tumor Research Foundation – American Association for Cancer Research Grants**

- **Deadline: January 7, 2020**
- **Grant Range: \$250,000**

The Neuroendocrine Tumor Research Foundation-AACR Grant represents a joint effort to promote and support innovative cancer research. This grant is available to independent junior and senior investigators to develop and study new ideas and innovative approaches that have direct application and relevance to neuroendocrine

tumors. Proposed research may be in any discipline of basic, translational, or clinical cancer research.

Applications are invited from researchers currently in the field as well as investigators with experience in other areas of cancer or biomedical research who have promising ideas and approaches that can be applied to neuroendocrine tumor research.

For more information: <https://www.aacr.org/Funding/Pages/Funding-Detail.aspx?ItemID=33#.Wl4QZ66nG70>

➤ **New York Stem Cell Foundation (NYSCF): Neuroscience Investigator Award**

- **Deadline: February 19, 2020**
- **Grant Range: \$1.5 Million over 5 years**

NYSCF is soliciting applications from early career investigators for Innovator awards in neuroscience. The goal of this initiative is to foster truly bold, innovative scientists with the potential to transform the field of neuroscience. Applicants are encouraged in the fundamental areas of developmental, cellular, cognitive and behavioural neuroscience, broadly interpreted. Applicants need not be working in areas related to stem cells. To be eligible, candidates must be within 5 years of starting a faculty (professorship) or comparable position.

For more information: <http://www.nyscf.org/for-scientists/neuroscience-investigator-awards>

➤ **New York Stem Cell Foundation (NYSCF): Stem Cell Investigator Awards**

- **Deadline: February 19, 2020**
- **Grant Range: \$1.5 Million over 5 years**

NYSCF is soliciting applications from early career investigators for awards to be used for exploring the basic biology and translational potential of stem cells. The goal of this initiative is to foster bold and innovative scientists with the potential to transform the field of stem cell research, and advance understanding and use of stem cells in the development of treatments for human disease. To be eligible, candidates must be within 5 years of starting a faculty (professorship) or comparable position on June 1, 2020.

For more information: <https://nyscf.org/programs/extramural-grants/applicants/stem-cell-investigator-awards/>

➤ **Organization for Autism Research: Applied Research Competition**

- **Deadline: March 23, 2020 for LOI**
- **Grant Range: \$40,000**

The Organization for Autism Research (OAR) seeks proposals for its 2020 Applied Research Competition. Through this competition, OAR intends to promote evidence-based practices delivered from research in the following areas:

- The analysis, evaluation, or comparison of current models of assessment, intervention, or systems of service delivery, including policy analysis
- Applied aspects of educational, behavioral, or social/communicative intervention
- Effective intervention across the lifespan for individuals considered to be severely impacted by autism

- Adult issues such as continuing education, employment, residential supports, sexuality instruction, quality-of-life determinants, and "later intervention"
- Issues related to family support, social and community integration, assessment and intervention with challenging behavior, and the use of technology in support of learners with ASD

For more information: <https://researchautism.org/research-grants/apply-for-a-grant/applied-research/>

➤ **Robert Wood Johnson Foundation: Evidence for Action**

- **Deadline:** Rolling for LOI
- **Grant Range:** no explicit range; duration of up to 36 months

Investigator-Initiated Research to Build a Culture of Health, Evidence for Action (E4A), a national program of the Robert Wood Johnson Foundation, funds research that expands the evidence base needed to build a Culture of Health. Our mission is to support rigorously designed quantitative, qualitative, and mixed methods research that yields convincing findings regarding the population health, well-being, and equity impacts of specific policies, programs, and partnerships. We are especially interested in research examining the health impacts of programmatic or policy interventions that address factors outside the domain of health care services or public health practice.

For more information: <https://www.rwjf.org/en/library/funding-opportunities/2015/evidence-for-action-investigator-initiated-research-to-build-a-culture-of-health.html>

➤ **Robert Wood Johnson Foundation: Pioneering Ideas Brief Proposal**

- **Deadline:** Rolling
- **Grant Range:** \$100,000 - \$300,000 over 1-3 years

The goal of the *Pioneering Ideas Brief Proposal* funding opportunity is to explore; to look into the future and put health first as we design for changes in how we live, learn, work and play; to wade into uncharted territory in order to better understand what new trends, opportunities and breakthrough ideas can enable everyone in America to live the healthiest life possible.

While improving the status quo is vital to the health and well-being of millions of Americans now, the *Pioneering Ideas Brief Proposal* opportunity reaches beyond incremental changes to explore the ideas and trends that will influence the trajectory and future of health.

For more information: <https://www.rwjf.org/en/how-we-work/submit-a-proposal.html>

➤ **Russell Sage Foundation: Improving Education and Reducing Inequality in the United States**

- **Deadline:** February 4, 2020
- **Grant Range:** up to \$20,000

The Russell Safe Foundation welcomes applications for their improving education and reducing inequality in the United States track. Studies that can plausibly identify the effects of policies, practices, and conditions on achievement inequality or the effects of achievement gaps on other outcomes and forms of inequality will be preferred over descriptive or correlational studies. The Foundation is particularly, though not exclusively, interested in studies aimed at understanding how to reduce educational inequality or subsequent forms of inequality.

For more information: <http://www.russellsage.org/funding/improving-education-and-reducing-inequality-united-states>

➤ **Samuel H. Kress Foundation: History of Art Grant Program**

- **Deadline: January 15, 2020 (also April 1 and October 1)**
- **Grant Range: past giving between \$6,000 - \$66,000**

The History of Art program supports scholarly projects that will enhance the appreciation and understanding of European art and architecture. Grants are awarded to projects that create and disseminate specialized knowledge, including archival projects, development and dissemination of scholarly databases, documentation projects, museum exhibitions and publications, photographic campaigns, scholarly catalogues and publications, and technical and scientific studies. Grants are also awarded for activities that permit art historians to share their expertise through international exchanges, professional meetings, conferences, symposia, consultations, the presentation of research, and other professional events.

For more information: http://www.kressfoundation.org/grants/history_of_art/

➤ **Sarcoma Alliance for Research Through Collaboration: Career Development Program**

- **Deadline: January 7, 2020 for LOI (anticipated)**
- **Grant Range: \$100,000**

The SARC Sarcoma SPORE Career Development program was initiated to support the ideas and work of investigators that complement the depth of sarcoma translational research and to help ensure the continual renewal of high-quality scientific endeavors in the SARC Sarcoma SPORE. Career Development Awards are awarded in the amount of \$100,000 for one year only. The second-year award is pending availability of funds and satisfactory progress of the project.

For more information: <http://www.sarctrials.org/funding-opportunities#careerdev>

➤ **Sarcoma Foundation of America: Research Fund Program**

- **Deadline: January 31, 2020**
- **Grant Range: \$50,000**

The Sarcoma Foundation of America has developed a program to provide grants to investigators interested in translational science sarcoma research. Funding is available to cover equipment and supplies in support of research on the etiology, molecular biology, pathogenesis, diagnosis, and treatment of human sarcomas.

In accordance with the mission of the Foundation, research involving the development of novel agents against sarcoma, or research that could potentially lead to the development of novel agents against sarcoma, is eligible for this funding.

The SFA will only accept applications that focus on the following areas of research:

- Immunotherapy
- Omic characterization of sarcomas and definition of novel targets
- Omic patterns of sensitivity and resistance to existing agents
- Systemic therapy combinations
- Gene Therapy

For more information: <http://www.curesarcoma.org/research/research-grants-policy/>

➤ **Simons Foundation: Collaboration Grants for Mathematicians**

- **Deadline: January 30, 2020**
- **Grant Range: \$42,000 over 5 years**

The Simons Foundation's Mathematics and Physical Sciences division invites applications for Collaboration Grants for Mathematicians to stimulate collaboration in the field primarily through the funding of travel and related expenditures. The goal of the program is to substantially increase collaborative contacts between accomplished, active mathematicians in the United States, who do not otherwise have access to funding that allows support for travel and visitors.

For more information: <https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/collaboration-grants-for-mathematicians/>

➤ **Simons Foundation: SFARI Research Award**

- **Deadline: January 10, 2020**
- **Grant Range: up to \$1,300,000**

Grants awarded through this RFA are intended to provide support for the investigation of key unresolved research questions in autism, particularly those that connect etiology to brain function and behavior. SFARI welcomes risk and novelty in Research Award proposals, but potential impact on the autism research field will be the most important criterion. Competitive applications will have preliminary data or other relevant groundwork that justifies substantial investment on the proposed topic.

For more information: <https://www.sfari.org/funding-opportunities>

➤ **Simons Foundation: Targeted Grants for Mathematics and Physical Sciences (MPS)**

- **Deadline: Rolling for LOI**
- **Grant Range: There is no recommended funding limit; up to 5 years of funding provided.**

The Targeted Grants in MPS program is intended to support high-risk projects of exceptional promise and scientific importance on a case-by-case basis.

For more information: <https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/>

➤ Society for Analytical Chemists of Pittsburgh – Starter Grants

- **Deadline: January 14, 2020**
- **Grant Range: \$40,000 - \$50,000**

The Starter Grant Awards are given to encourage high-quality, innovative research by beginning chemistry professors. The goal of the grants is to promote the training and development of graduate students in the fields of spectroscopy and analytical chemistry. Two awards will be granted in 2020: a \$50,000 grant from the Society for Analytical Chemists of Pittsburgh in the area of analytical chemistry and a \$40,000 grant from the Spectroscopy Society of Pittsburgh in the area of spectroscopy.

For more information: <http://sacp.org/grants/starter-grants-awards/>

➤ Spencer Foundation: Large Research Grants

- **Deadline: January 14, 2020**
- **Grant Range: \$125,000 to \$500,000**

The Large Research Grants on Education Program supports education research projects that will contribute to the improvement of education, broadly conceived. This program is “field-initiated” in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, or method. Our goal for this program is to support rigorous, intellectually ambitious and technically sound research that is relevant to the most pressing questions and compelling opportunities in education. We seek to support scholarship that develops new foundational knowledge that may have a lasting impact on educational discourse.

For more information: https://www.spencer.org/grant_types/large-research-grant

➤ Spencer Foundation: Small Research Grants

- **Deadline: February 1, 2020 (also May 1, August 1, November 1)**
- **Grant Range: up to \$50,000**

This program aims to fund academic work that will contribute to the improvement of education, broadly conceived. Historically, the work we have funded through these grants has spanned a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and they employ a wide range of research methods.

For more information: <http://www.spencer.org/small-research-grants>

➤ St. Baldrick's Foundation: Scholar Awards

- **Deadline: January 31, 2020 for LOI**
- **Grant Range: \$330,000**

Limited Submission

No more than one candidate per institution may apply. Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

The Scholar (Career Development) Award is meant to help develop the independent research of highly qualified individuals still early in their careers. Recipients are called St. Baldrick's Scholars. Research projects

must have direct applicability and relevance to pediatric cancer. They may be in any discipline of basic, clinical, translational, or epidemiological research.

For more information: <https://www.stbaldricks.org/grant-types/>

➤ **Toyota USA Foundation Grants**

- **Deadline:** Rolling
- **Grant Range:** minimum of \$50,000

The Toyota USA Foundation supports K-12 education programs with a focus on math, science and environmental science. The Foundation partners with leading organizations and institutes serving diverse populations across all 50 states.

For more information: https://www.toyota.com/usa/community/articles/community_grants_foundation.html

➤ **Tufts Health Plan Foundation: Systems & Best Practices**

- **Deadline:** January 24, 2020 for LOI
- **Grant Range:** Grants in 2019 ranged from \$35,000 - \$200,000

Systems and Best Practices grants support the work of nonprofit organizations to improve, influence and ultimately create healthy communities and age-friendly cities and towns. The Foundation funds activities in Health and Wellness, Workforce Development, Purposeful Engagement, and Field and Capacity Building that will:

- Improve or build systems to support healthy living with an emphasis on the systems that are serving older adults
- Bring organizations together to collaboratively achieve broader impact and change
- Scale efforts to address community needs

For more information: <https://www.tuftshealthplanfoundation.org/focus-areas.php?page=focus-areas/improving-systems>

➤ **Tufts Health Plan Foundation: Collaboration and Community Engagement**

- **Deadline:** January 24, 2020 for LOI
- **Grant Range:** Grants in 2019 ranged from \$175,000 - \$300,000

Collaboration and Community Engagement grants community leaders in their work with multiple stakeholders toward a common community goal. Collaboration and Community Engagement grants support inclusive communities where older people are an asset.

This work could include current or new activities that directly or indirectly lead to age-friendly communities and address barriers to success such as limited access to transportation or health care, ageist employment policies or other conditions that contribute to the social isolation of older people.

The Foundation will consider the intersection between policy and practice as well as collaborative community work in the built environment, transportation, housing, social and civic participation and inclusion, employment, communication and information, and community support and health services.

For more information: <https://www.tuftshealthplanfoundation.org/focus-areas.php?page=focus-areas/leadership>

➤ **VentureWell: (Student) E-Team Grants**

- **Deadline: February 5, 2020**
- **Grant Range: up to \$25,000**

The E-Teams Program supports student ventures as they embark down the path they're likely to take as an innovator and entrepreneur. If teams are able to continue with their startup after they graduate, ASPIRE and our investor network are available to help teams prepare to build their company. An E-Team—or Entrepreneur-Team—is a multidisciplinary group of student-led teams working together with faculty to bring an invention to market.

For more information: <https://venturewell.org/e-team-grant-program/>

➤ **Marion and Jasper Whiting Foundation: Faculty Travel Fellowships**

- **Deadline: January 10, 2020**
- **Grant Range: 41 awards were made in 2019, averaging \$5,252 per fellowship**

Present and prospective teachers at the college or university level are welcome to apply for a Whiting Foundation fellowship. The Foundation welcomes applications from all New England colleges and universities. The aim is to stimulate and broaden the minds of teachers so as to improve and enhance the quality of their classroom instruction. Please be advised that travel for dissertation research is not allowed.

For more information: There is no website for this opportunity; contact Foundation & Corporate Philanthropy for application materials.

➤ **TED: The Audacious Project**

- **Deadline: Rolling**
- **Grant Range: Varies**

The Audacious Project is an initiative that shows what humanity can accomplish when bold ideas meet visionary, generous supporters. Now in its second year, The Audacious Project invites visionary social entrepreneurs and nonprofits to dream big — and helps to shape those dreams into multi-year plans that are both viable and sustainable. The project then invites its coalition of partners — which includes leading nonprofits and individual donors, along with the public — to pool their resources and work together in service of these ambitious ideas. The goal is to amplify the impact of the world's change-makers and change-funders and move forward ideas with the potential to impact lives at thrilling scale. The Audacious Project is housed at TED, the nonprofit dedicated to "Ideas Worth Spreading." It operates with support from The Bridgespan Group, a leading global social impact advisory firm.

For more information: <https://audaciousproject.org/apply>

➤ **Whitehall Foundation: Research Grants**

- **Deadline:** January 15, 2020 for LOI (also April 15 and October 1)
- **Grant Range:** \$90,000 to \$225,000 over 3 years

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.

The Foundation does not support research focused primarily on disease(s) unless it will also provide insights into normal functioning.

The Foundation does not award funds to investigators who have substantial existing or potential support, even if it is for an unrelated purpose. Applications may be held in abeyance until the results of other funding decisions are determined. While it is difficult to assign a specific dollar amount to this policy and each case is unique, the Foundation currently defines "substantial" as *approximately* \$200,000 per year (including both direct and indirect expense but excluding the Principal Investigator's salary).

For more information: <http://www.whitehall.org/grants/>

➤ **Whitehall Foundation: Research Grant-in-Aid**

- **Deadline:** January 15, 2020 for LOI (also April 15 and October 1)
- **Grant Range:** \$30,000

The Grants-in-Aid program is designed for researchers at the assistant professor level who have trouble competing for research funds because they have not yet become firmly established. Grants-in-Aid can also be made to senior scientists. All applications will be judged on the scientific merit and innovative aspects of the proposal, as well as on past performance and evidence of the applicant's continued productivity.

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.

The Foundation does not support research focused primarily on disease(s) unless it will also provide insights into normal functioning.

For more information: <http://www.whitehall.org/grants/>

➤ **William P. Wharton Trust**

- **Deadline:** March 1, 2020 for LOI
- **Grant Range:** up to \$15,000

The William P. Wharton Trust was established to support projects that directly promote the conservation, study, and appreciation of nature. Specific objectives of the Trust (in order of priority) include:

- Conservation of renewable resources (water, soil, wild animal life, forest resources, etc.), primarily in

- Massachusetts and New England, including funding acquisitions of land for conservation purposes.
- Management techniques designed to improve environmental quality and species diversity.
- Bird and forestry research and management, especially at the applied level rather than the theoretical or molecular level.
- Creation of materials or projects designed to foster an appreciation of and a concern for wildlife and natural systems.

For more information: <http://www.williampwhartontrust.org/index.htm>

➤ **William T. Grant Foundation: Research Grants**

- **Deadline: January 9, 2020 for LOI**
- **Grant Range: \$100,000 - \$1,000,000**

The research grants program supports high-quality field-initiated studies that are relevant to policies and practices that affect the lives of young people ages 5 to 25 in the United States. Proposed research must address questions that align with one of the Foundation's two focus areas:

- **Reducing Inequality** - In this focus area, we support research to build, test, and increase understanding of approaches to reducing inequality in youth outcomes, particularly on the basis of race, ethnicity, economic standing, or immigrant origin status. We are interested in research on programs, policies, and practices to reduce inequality in academic, social, behavioral, and economic outcomes.
- **Improving the Use of Research Evidence** - In this focus area, we support research to identify, build, and test strategies to ensure that research evidence reaches the hands of decision makers, responds to their needs, and is used in ways that benefit youth. We are particularly interested in research on improving the use of evidence by state and local decision makers, mid-level managers, and intermediaries.

For more information: <http://wtgrantfoundation.org/grants>

Three Addition Resources for Grant-Seekers:

- ❖ *ProposalCENTRAL Opportunities*
(<https://proposalcentral.altum.com/opportunities.asp>)
- ❖ Foundation Directory Online*
- ❖ PIVOT*

*Available through the WPI library's online databases