### WORCESTER POLYTECHNIC INSTITUTE

Office of Foundation & Corporate Philanthropy  
FOUNDATION FUNDING OPPORTUNITIES: October – December 2018  
wpi.edu/+privatefunding

Click on an opportunity to see more detail:

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Award Amount</th>
<th>Submission Deadline</th>
<th>Arts &amp; Humanities</th>
<th>Biology &amp; Biotechnology</th>
<th>Business</th>
<th>Chemistry</th>
<th>Computer Science</th>
<th>Engineering</th>
<th>Mathematics</th>
<th>Physics</th>
<th>Social Sciences</th>
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</thead>
<tbody>
<tr>
<td>2018 ExxonMobil Competition: Study Abroad Innovations in Engineering, Physics, Geology, and Geophysics</td>
<td>Up to $25,000</td>
<td>10/01/2018</td>
<td>X</td>
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<tr>
<td>Alex's Lemonade Stand Foundation: Young Investigator Grants (Pediatric Cancer)</td>
<td>$150,000</td>
<td>12/15/2018</td>
<td>X</td>
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<tr>
<td>Alfred P. Sloan Foundation: Data and Computational Research</td>
<td>Up to $1 million+</td>
<td>Rolling LOI</td>
<td>X</td>
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<tr>
<td>Amazon: Machine Learning Research Awards</td>
<td>Up to $100,000</td>
<td>Rolling</td>
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<tr>
<td>American Cancer Society: Research Scholar Grant</td>
<td>Up to $660,000</td>
<td>10/15/2018</td>
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<tr>
<td>American Cancer Society: Postdoctoral Fellowships</td>
<td>$163,500</td>
<td>10/15/2018</td>
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<tr>
<td>American Chemical Society Petroleum Research Fund: Doctoral New Investigators</td>
<td>$110,000</td>
<td>10/19/2018</td>
<td>X</td>
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<td>American Chemical Society Petroleum Research Fund: New Directions Grants</td>
<td>$110,000</td>
<td>10/19/2018</td>
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<td>American Federation for Aging Research: Research Grants for Junior Faculty</td>
<td>$100,000</td>
<td>12/17/2018</td>
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<td>American Heart Association: Collaborative Sciences Award</td>
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<tr>
<td>American Mathematical Society: 2019-2020 Centennial Fellowships</td>
<td>$93,000</td>
<td>12/01/2018</td>
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<td>Avery Dennison Foundation</td>
<td>Varies</td>
<td>Rolling</td>
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<td>Brady Education Foundation (BEF): Existing Program Evaluation Grants</td>
<td>$100,000 or less</td>
<td>12/01/2018</td>
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<td>Brain &amp; Behavior Research Foundation: NARSAD Distinguished Investigator</td>
<td>$100,000</td>
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<td>The Brinson Foundation: Scientific Research</td>
<td>Varies</td>
<td>Rolling</td>
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<td>Carnegie Corporation of New York: Education Program</td>
<td>Up to $1.7 million</td>
<td>Rolling LOI</td>
<td>X</td>
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<td>Charles Pankow Foundation: Research Grants</td>
<td>Varies</td>
<td>Rolling</td>
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<td>Cisco Systems</td>
<td>Varies</td>
<td>Rolling</td>
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<td>Comcast</td>
<td>Up to $150,000</td>
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<td>Commonwealth Fund</td>
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<td>Constellation: E2Energy to Educate Grant Program *LSP</td>
<td>$50,000</td>
<td>10/01/2018</td>
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</table>

* Limited Submission Policy (LSP) Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.
<table>
<thead>
<tr>
<th>Opportunity Description</th>
<th>Award Amount</th>
<th>Submission Deadline</th>
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<th>Business</th>
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<th>Physics</th>
<th>Social Sciences</th>
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<td>Dr. Scholl Foundation *LSP</td>
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<td>11/01/2018</td>
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<td>Elsa U. Pardee Foundation</td>
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<td>12/31/2018</td>
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<td>Emil Buehler Perpetual Trust</td>
<td>Up to $500,000</td>
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<td>Ford Foundation: Fellowship Programs (underrepresented PhD student)</td>
<td>$72,000</td>
<td>12/13/2018</td>
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<td>G. Harold &amp; Leila Y. Mathers Charitable Foundation</td>
<td>$350,000</td>
<td>11/15/2018</td>
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<td>The Gladys Krieble Delmas Foundation</td>
<td>Up to $100,000</td>
<td>Rolling LOI</td>
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<td>Julian Schwinger Foundation for Physics Research</td>
<td>$50,000</td>
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<td>Life Sciences Research Foundation: Fellowship</td>
<td>$60,000</td>
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<td>Link Foundation – Energy PhD Fellowships</td>
<td>$55,000</td>
<td>12/01/2018</td>
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<td>Mabel Louise Riley Foundation</td>
<td>$50,000 to $100,000</td>
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<td>McKnight Endowment Fund for Neuroscience: Technological Innovations in Neuroscience</td>
<td>$200,000</td>
<td>12/04/2018</td>
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<td>Microsoft: PhD Fellowship Program *LSP</td>
<td>$42,000</td>
<td>10/09/2018</td>
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<td>National Academy of Education/Spencer Postdoctoral Fellowship</td>
<td>$70,000</td>
<td>11/01/2018</td>
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<td>Paralyzed Veterans of America: Education Foundation</td>
<td>$50,000</td>
<td>12/03/2018</td>
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<td>Robert Wood Johnson Foundation: Evidence for Action</td>
<td>Varies</td>
<td>Rolling LOI</td>
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<td>Russell Sage Foundation: Core Programs and Special Initiatives</td>
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<td>11/30/2018</td>
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<tr>
<td>Samuel H. Kress Foundation: Digital Resources Grant Program</td>
<td>Varies</td>
<td>10/01/2018</td>
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<tr>
<td>Samuel H. Kress Foundation: History of Art Grants Program</td>
<td>Up to $300,000</td>
<td>10/01/2018</td>
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<tr>
<td>Sarcoma Foundation of America: Research Fund Program</td>
<td>$50,000</td>
<td>01/31/2019</td>
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<tr>
<td>Simons Collaboration in Mathematics and Physical Sciences (MPS)</td>
<td>$2M to 8M</td>
<td>10/03/2018</td>
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<td>Simons Foundation: Targeted Grants for Mathematics and Physical Sciences (MPS)</td>
<td>Varies</td>
<td>Rolling LOI</td>
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<tr>
<td>Spencer Foundation: Lyle Spencer Research Awards</td>
<td>$1,000,000</td>
<td>10/02/2018</td>
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<td>Spencer Foundation: Small Research Grants</td>
<td>$50,000 or less</td>
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<tr>
<td>Toyota USA Foundation Grants</td>
<td>$50,000 plus</td>
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<tr>
<td>US-Israel Binational Science Foundation: Regular Research Grants</td>
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<td>US-Israel Binational Science Foundation: Start-Up Grant</td>
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<td>Whitehall Foundation: Research Grants</td>
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<td>Whitehall Foundation: Research Grant-in-Aid</td>
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Please contact Lynn Lancaster, Associate Director of Foundation & Corporate Philanthropy at 508-831-4853 or lmlancaster@wpi.edu if you have any questions or before approaching a foundation.

**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  

Updated: 9/1/2018

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Office of Foundation & Corporate Philanthropy

FUNDING OPPORTUNITIES: October – December 2018

Please contact Lynn Lancaster, Associate Director, Foundation & Corporate Philanthropy at x4853 or lmlancaster@wpi.edu if you have any questions or before approaching a foundation.

- **2018 ExxonMobil Competition:** Study Abroad Innovations in Engineering, Physics, Geology, and Geophysics
  - **Deadline:** October 1, 2018
  - **Grant Range:** up to $25,000

  This Innovation Fund competition is open to all higher education institutions in the United States and Argentina, Brazil, Guyana, and Mexico that promote study abroad and training opportunities in the fields of Engineering (with a focus on petroleum, civil, chemical and mechanical engineering), Physics, Geology, and Geophysics. The intent of this competition is to award approximately eleven (11) Innovation Grants.


- **Alex’s Lemonade Stand Foundation: Young Investigator Grants (Pediatric Cancer)**
  - **Deadline:** December 15, 2018 (anticipated)
  - **Grant Range:** $150,000 over 3 years

  Young Investigator Grants are 3 year awards designed to support scientists in the early stages of their research careers, such as postdoctoral or clinical fellows. Outstanding mentorship and demonstration of a career plan that shows commitment to pediatric cancer investigation are critical components of a successful application.

  For more information: https://www.alexslemonade.org/grants/program-areas/early-career-research-programs

- **Alfred P. Sloan Foundation: Data and Computational Research**
  - **Deadline:** Rolling for Letters of Inquiry
  - **Grant Range:** $3,000 to $1,500,000

  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

➤ 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) program funds eligible universities, faculty, PhD students and post-docs under the supervision of faculty, that are conducting novel research in machine learning (ML). MLRA seeks to fund a diverse set of projects across many ML areas and domains. Research areas of interest include ML advancements in computer vision, robotics, life sciences, language, speech, problem-solving, reasoning, and decision-making. The program goal is to enable research that accelerates the development of innovative algorithms, publications, and source code across a wide variety of ML applications and focus areas.

Selected applicants will receive awards that include unrestricted cash funding as well as AWS Promotional Credits. The final award amount will be determined by the awards panel. Award recipients will receive an invitation to attend an annual research seminar and may receive live one-on-one training sessions with Amazon scientists and engineers.

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

➤ American Cancer Society

- Deadline: October 15, 2018

Research Scholar Grant
- Up to $660,000 over 4 years, for up to $165,000 in direct costs, plus 20% indirect costs
Applicants must be independent, self-directed researchers within 6 years of their first academic appointment.

For more information: http://www.cancer.org/research/applyforaresearchgrant/granttypes/research-scholar-grants

Postdoctoral Fellowships
- $163,500 over 3 years
Support for researchers who have received a doctoral degree to provide training leading to an independent career in cancer research. Awards may be for three years with progressive stipends of $48,000, $50,000, and $52,000 per year, plus a $4,000 per year fellowship allowance. In addition, $1,500 will be provided in the last year for travel costs to attend the ACS Postdoctoral Fellows Symposium, if offered that year, or travel to a domestic scientific meeting.

For more information: http://www.cancer.org/research/applyforaresearchgrant/granttypes/postdoctoral-fellowships
**American Chemical Society Petroleum Research Fund: Doctoral New Investigator**

**Deadline:** next submission window - September 24, 2018 to October 19, 2018
- Grant Range: $110,000 over two years (75 awards made each year)

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

The *Doctoral New Investigator* (DNI) grants program aims to promote the careers of young faculty by supporting research of high scientific caliber, and to enhance the career opportunities of their undergraduate/graduate students, and postdoctoral associates through the research experience. DNI grants provide start-up funding for researchers 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. DNI grants are to be used to illustrate proof of principle or concept, to test a hypothesis, or to demonstrate feasibility of an approach.


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**American Chemical Society Petroleum Research Fund: New Directions Grants**

- **Deadline:** next submission window - September 24, 2017 to October 19, 2018
- Grant Range: $110,000 over two years (75 awards to be made each year)

The *New Directions (ND)* grants program aims to stimulate a new direction of research for established faculty and to support the careers of their student scientists and engineers. The 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 PRF-driven preliminary results to seek continuation funding from other agencies. 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](http://www.acs.org/content/acs/en/funding-and-awards/grants/prf/programs/nd.html)

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**American Federation for Aging Research: Research Grants for Junior Faculty**

- **Deadline:** December 17, 2018 Letters of Inquiry
- Grant Range: $100,000 for a one- to two-year award (10 grants to be awarded)

The major goal of this program is to assist in the development of the careers of junior investigators committed to pursuing careers in the field of aging research. AFAR supports research projects concerned with understanding the basic mechanisms of aging. Projects investigating age-related diseases are also supported, especially if approached from the point of view of how basic aging processes may lead to these outcomes. Projects concerning mechanisms underlying common geriatric functional disorders are also encouraged, as long as these include connections to **fundamental problems in the biology of aging**. Projects that deal strictly with clinical problems such as the diagnosis and treatment of disease, health outcomes, or the social context of aging are not eligible.
For more information: https://www.afar.org/research/funding/afar-research-grants/

𫔍 American Heart Association: Collaborative Sciences Award

- **Deadline:** October 9, 2018 for Letter of Intent
- **Grant Range:** $750,000 over three years

To foster innovative, new collaborative approaches to research projects which propose novel pairings of investigators from at least two broadly disparate disciplines. The proposal must focus on the collaborative relationship, such that the scientific objectives could not be achieved without the efforts of at least two co-principal investigators and their respective disciplines. The combination and integration of studies may be inclusive of basic, clinical, population, behavioral, and/or translational research.

Projects that will include scientists from fields outside cardiovascular disease and stroke are highly encouraged.

Science Focus: Research broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts.

For more information: https://professional.heart.org/professional/ResearchPrograms/UCM_460459_Collaborative-Sciences-Award.jsp

ertoire American Mathematical Society: 2019-2020 Centennial Fellowships

- **Deadline:** December 1, 2018
- **Grant Range:** stipend of $93,000; expense allowance of $9,300

The AMS Centennial Research Fellowship Program makes awards annually to outstanding mathematicians to help further their careers in research.

The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research. A recipient of the fellowship shall have held his or her doctoral degree for at least three years and not more than twelve years at the inception of the award. Applications will be accepted from those currently holding a tenured, tenure track, post-doctoral, or comparable (at the discretion of the selection committee) position at an institution in North America.

For more information: http://www.ams.org/programs/ams-fellowships/centennial-fellow/emp-centflyer

 המקום ASIANetwork Postdoc Teaching Fellow Program

- **Deadline:** November 30, 2018
- **Grant Range:** $40,000/year for one or two years, plus $1,000 stipend to mentor (up to $81k)

Through the generous support of the Henry Luce Foundation, ASIANetwork has been providing its member colleges with grants to support the hiring of a postdoctoral teaching fellow in Asian Studies. ASIANetwork – Luce Teaching Fellows (recent recipients of a terminal degree from a North American university) spend one or two years at an ASIANetwork college, teaching and participating in the intellectual and cultural life of the host college.
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.


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**Brady Education Foundation: Program Development Grants & Existing Program Evaluation Grants**

- **Deadline:** December 1, 2018 for Stage 1 Application
- **Grant Range:** Unspecified; in the past, the Foundation has preferred grants of $100,000 or less per year for a maximum of 3 years

The Brady Education Foundation seeks to close the achievement/opportunity gap for children at risk for poor school outcomes due to environmental factors associated with living in poverty. The Foundation pursues its mission by promoting collaboration between researchers and educators via the funding of program development and program evaluations in education. Currently, the Foundation is particularly focused on the development and evaluation of programs that are consistent with a strength-based approach and show promise of being feasible, effective and sustainable.

For more information: [http://www.bradyeducationfoundation.org/applicationguidelines.html](http://www.bradyeducationfoundation.org/applicationguidelines.html)
Brain & Behavior Research Foundation: Independent Investigator Grant

- **Deadline:** November – December (not announced yet)
- **Grant Range:** $100,000 over two years

A NARSAD Grant is one of the highest distinctions in the field of mental health research. Many investigators go on to receive larger federal and private grants based on their NARSAD Grant projects.

NARSAD Grants support a broad range of the best ideas in brain research. Funding is focused on three priority areas to better understand and treat mental illness, aiming toward prevention and ultimately cures:

- **BASIC RESEARCH** - To understand what happens in the brain to cause mental illness
- **NEW TECHNOLOGIES** - To advance or create new ways of studying and understanding the brain
- **NEXT GENERATION THERAPIES** - To reduce symptoms of mental illness and retrain the brain

The NARSAD Independent Investigator Grant provides support for investigators during the critical period between the initiation of research and the receipt of sustained funding. A two-year grant up to $100,000 or $50,000 per year is provided to scientists at the associate professor level or equivalent who are clearly independent and have won national competitive support as a principal investigator. **Please note** that an assistant professor who is a principal investigator on a NIH R01 grant is **now eligible** for the NARSAD Independent Investigator Grant. Basic and/or clinical investigators are supported, but research must be relevant to schizophrenia, major affective disorders, or other serious mental illnesses. The program is intended to facilitate innovative research opportunities.

For more information: https://www.bbrfoundation.org/grants-prizes/grants

The Brinson Foundation: Scientific Research

- **Deadline:** Rolling for Letters of Inquiry
- **Grant Range:** in 2016, 11 Scientific Research grants were awarded with an average of $52,000

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/

Carnegie Corporation of New York: Education Program

- **Deadline:** Rolling for LOI
- **Grant Range:** in 2017, 112 education grants ranged from $10K to $1.7M+

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 Pankow Foundation: Research Grants**

- **Deadline**: Rolling for submission of Research Need Statement
- **Grant Range**: No set guideline; past range is $105,000 to $400,000

The CPF Initiatives below will be the major focus of most of the research funded by the Charles Pankow Foundation. The list of CPF Initiatives is subject to change at any time. Great ideas and interesting individual research projects are always welcome.

CPF Initiatives
- High Strength Steel Reinforcing Bar
- Performance-Based Wind Engineering
- Building Information Modeling
- Performance-Based Fire Engineering
- Integrated Project Delivery
- Water Reuse Management
- Embodied Carbon in Building Materials

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

➤ **Cisco Systems**

- **Deadline**: Friday of the first week in each quarter (Jan, Apr, Jul, Oct)
- **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 open RFP’s visit: http://research.cisco.com/research-programs.html
Comcast

- **Deadline:** Rolling
- **Grant Range:** $3,000 to $150,000 for one year

Cisco Comcast created the Comcast Technology R&D Fund to identify and support important research that has the potential to advance broadband, the Internet and the global open-source community. The fund was established as a resource for researchers working on smaller and mid-sized technology projects that may not qualify for larger national grant programs.

The fund offers three types of grants:
- **Research Grants** These unrestricted grants are given to support researchers at colleges and universities. They are geared toward supporting research in a range of fields relevant to the Internet and online communication.
- **Open Source Development Grants** These grants are intended to support the creation and advancement of important open source projects, including those that may not have immediate business value, but which carry the potential for important technological development.


Commonwealth Fund

- **Deadline:** rolling for letters of inquiry
- **Grant Range:** Board-level median $215,944; small grants median $33,506

The Fund supports independent research on health and social issues and made grants to improve health care practice and policy. The Fund is dedicated to helping people become more informed about their health care and improving care for vulnerable populations such as children, the elderly, low-income families, minorities, and the uninsured.


Constellation: E²Energy to Educate Grant Program

- **Deadline:** October 1, 2018
- **Grant Range:** $50,000 for colleges and universities

(1 request per organization per year) Grant funds support projects designed to enhance students’ understanding of science and technology, and inspire them to think differently about energy. Projects should reach at least 100 students and align with Constellation Energy to Educate Innovation Themes: Smart Home, Electrification, and Clean Energy & Zero Waste

For more information: [http://www.constellation.com/community/e2-energy-to-educate.html](http://www.constellation.com/community/e2-energy-to-educate.html)
Dr. Scholl Foundation

- **Deadline:** proposals accepted October 1, 2018 to March 1, 2019 *(applications are reviewed as they are received, so applying early in this window is highly recommended)*
- **Grant Range:** no limit; average range $5,000 - $25,000 *(Limited Submission)*

*(1 request per organization per year)* The Dr. Scholl Foundation is dedicated to providing 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/](https://www.drschollfoundation.com/)

Elsa U. Pardee Foundation

- **Deadline:** December 31, 2018 (also April 30 and August 31)
- **Grant Range:** no limit; in 2015 range of $147,897 to $225,000 for one year

The Elsa U. Pardee Foundation funds research directed toward identifying new treatments or cures for cancer. The Foundation particularly encourages grant applications for a one-year period that will allow establishment of capabilities of **new cancer researchers**, or **new cancer approaches by established cancer researchers**. It is anticipated that this early stage funding by the Foundation may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure should be clearly identified.

For more information: [https://pardeefoundation.org/how-to-apply/](https://pardeefoundation.org/how-to-apply/)

Emil Buehler Perpetual Trust

- **Deadline:** December 1, 2018 (also June 1)
- **Grant Range:** past grants of up to $500,000

The Emil Buehler Perpetual Trust provides funding to institutions, organizations, and foundations that carry forward the research and development of new and improved aircraft and promote the field of **aviation science and technology**.

For more information: [https://www.wellsfargo.com/private-foundations/buehler-perpetual-trust/](https://www.wellsfargo.com/private-foundations/buehler-perpetual-trust/)
Ford Foundation

- **Deadline:** rolling
- **Grant Range:** $100,000 plus

Ford Foundation awards grants within these seven interconnected areas:
- Civic Engagement and Government
- Free Expression and Creativity
- Equitable Development
- Gender, Racial, and Ethnic Justice
- Inclusive Economies
- Internet Freedom
- Youth Opportunity and Learning

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/](http://www.fordfoundation.org/work/our-grants/)

Ford Foundation: Fellowship Programs (underrepresented PhD student)

- **Deadline:** December 13, 2018
- **Grant Range:** $72,000 over three years

This year the program will award approximately 70 pre-doctoral fellowships. These fellowships provide three years of support for graduate study leading to a Ph.D. or Sc.D.

Awards will be made to individuals from groups underrepresented in the American professoriate who have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students.

For more information: [http://sites.nationalacademies.org/PGA/FordFellowships/PGA_047958#stipends](http://sites.nationalacademies.org/PGA/FordFellowships/PGA_047958#stipends)

G. Harold & Leila Y. Mathers Charitable Foundation

- **Deadline:** Rolling for Initial Contact
- **Grant Range:** up to $1 million+

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/](http://www.mathersfoundation.org/)
Gerber Foundation: Pediatric Research Grants

- **Deadline:** November 15, 2018 (and May 15) for Concept Papers
- **Grant Range:** up to $350,000 over up to 3 years

The Foundation is particularly interested in fresh approaches to solving newborn or pediatric problems or emerging issues with a predictable time-frame to clinical application. Projects should be focused on issues faced by care providers that, when implemented, will improve the health, nutrition and/or developmental outcomes for infants and young children. Projects may include:
  - Etiologic mechanisms of disease
  - New, improved or less invasive diagnostic procedures
  - Reduction or elimination of side effects
  - Alleviation of symptoms
  - New, improved or less invasive therapies, care, or treatments
  - Dosage or dosing requirements or mechanisms for drugs, nutrient supplementation or other therapeutic measures (under or overdosing)
  - Preventative measures

The Foundation gives priority to projects of national or regional impact.

For more information: [http://www.gerberfoundation.org/how-to-apply/](http://www.gerberfoundation.org/how-to-apply/)

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/](http://delmas.org/)

Julian Schwinger Foundation for Physics Research

- **Deadline:** Rolling for Declaration of Intent
- **Grant Range:** up to $50,000

The Julian Schwinger Foundation for Physics Research supports:
  - research and educational activities for which other sources of funding are typically not available. Highest priority is given to theoretical and experimental research on energy concentrating phenomena.
  - scientific workshops, conferences, summer schools and other activities aimed at improving educational opportunities at the undergraduate level and above
  - grants for undergraduate research projects

Grants typically do not exceed $50,000, but this is not a strict upper limit. In well-argued cases, the grant value can be higher and sufficient to support a postdoc for two years.

The application procedure begins with submitting a short Declaration of Intent online at any time.
Knight Foundation: Quality Journalism, Media Innovation, Community Engagement & the Arts

- **Deadline:** Rolling
- **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 learn more about the type of work the foundation funds, please visit their website at: [http://www.knightfoundation.org](http://www.knightfoundation.org).

To apply for funding, the first step is to introduce your idea and your organization. If you are new to the Knight grantee portal, register and start a letter of inquiry. Existing grantees looking to submit a new idea, please log in to the grant portal.

The letter of inquiry is one way to apply for funding but not the only way. Applying to open challenges is a separate process. Learn more about challenges and other funding opportunities.

To go to the Knight Foundation Grantee Portal: [https://knight.fluxx.io/user_sessions/new](https://knight.fluxx.io/user_sessions/new)

Life Sciences Research Foundation: Fellowship

- **Deadline:** October 1, 2018
- **Grant Range:** $60,000 per year for 3 years ($180,000 total)

Every year the LSRF selection committee identifies the top 5% of applicants from an international pool of more than 1000 postdoctoral applicants. Once chosen, the LSRF collaborates with current and potential sponsors to match them with fellows with similar research interests. In 2013, thirty-two young scientists were matched with sponsors to support their research.

Individuals who have held a PhD or MD degree for more than 5 years at the time of application are not eligible for an LSRF fellowship. Individuals who are remaining in their thesis labs to do postdoctoral research are not eligible for an LSRF fellowship. A laboratory may have only one LSRF fellow at a time. Multiple applicants may apply from the same laboratory however, if multiple applicants from the same laboratory are selected as finalists, only one fellowship may be awarded.

For more information: [http://www.lsrf.org/apply/application-instructions](http://www.lsrf.org/apply/application-instructions)

Link Foundation – Energy PhD Fellowships

- **Deadline:** December 1, 2018
- **Grant range:** $59,000 over two years

To foster education and innovation in the area of societal production and utilization of energy, applications are invited for two-year fellowships for students working toward a Ph.D.

For more information: [http://www.linkenergy.org/](http://www.linkenergy.org/)
Mabel Louise Riley Foundation

- **Deadline:** Rolling for LOI
- **Grant Range:** normally $50,000 to $100,000

The Foundation’s grant making is focused on the city of Boston and vicinity. Current priorities include literacy and afterschool programs for disadvantaged children and adolescents; community development that will benefit low-income and minority neighborhoods; citywide efforts that promote cultural improvements and the arts; grants that, despite some risk, offer a potential of high impact or significant benefits for a community; and improvement of race relations and neighborhood safety.

For more information: [http://www.rileyfoundation.com/](http://www.rileyfoundation.com/)

McKnight Endowment Fund for Neuroscience: Technological Innovations in Neuroscience

- **Deadline:** December 4, 2018 [anticipated] for LOI
- **Grant Range:** $200,000 over 2 years

These awards support scientists working on the development of novel and creative approaches to understanding brain function. The Endowment Fund is especially interested in how a new technology may be used or adapted to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. The program seeks to advance and enlarge the range of technologies available to the neurosciences, and research based primarily on existing techniques will not be considered. A goal of the technology awards is to foster collaboration between the neurosciences and other disciplines; therefore, collaborative and cross-disciplinary applications are explicitly invited.

For more information: [https://www.mcknight.org/programs/the-mcknight-endowment-fund-for-neuroscience/technology-awards/](https://www.mcknight.org/programs/the-mcknight-endowment-fund-for-neuroscience/technology-awards/)

Microsoft: PhD Fellowship Program

- **Deadline:** October 9, 2018
- **Grant Range:** tuition and fees for 2 years; $42,000 stipend for living expenses and conference travel

A maximum of three applicants per department per university will be accepted. One of the three applicants must self-identify with an underrepresented group in computing (women, African-Americans/Blacks, Latinos, American Indians/Alaskan Natives, Native Hawaiians/Pacific Islanders, people with disabilities, and/or LGBTQ).

The Microsoft Research PhD Fellowship is a two-year fellowship program for outstanding PhD students nominated by their universities. The proposed research must be closely related to the research topics carried out by Microsoft Research as noted in the Research areas tab above. We are particularly interested in proposals related to Systems & Networking and AI (including Machine Learning, Computer Vision, and Robotics) as well as interdisciplinary extensions to them.

Applicants for the Microsoft Research PhD Fellowship Program must be nominated by their universities, and their nominations must be confirmed by the office of the chair of the eligible department. Direct applications from students are not accepted.
For more information: https://www.microsoft.com/en-us/research/academic-program/phd-fellowship-program/

🪜 National Academy of Education/Spencer Postdoctoral Fellowship

- **Deadline:** November 1, 2018
- **Grant Range:** $70,000

The fellowship program is intended to support early-career scholars working in critical areas of education research. To that end, the NAEd seeks to fund proposals that promise to make significant scholarly contributions to the field of education and to advance the careers of the recipients.

For more information: https://naeducation.org/naedspencer-postdoctoral-fellowship-guidelines/

🪜 Paralyzed Veterans of America: Education Foundation

- **Deadline:** next submission window – October 1, 2018 to December 3, 2018
- **Grant Range:** $50,000 and/or $15,000 for a conference or symposia

From coordinating workshops for health professionals to producing educational materials to sponsoring fellowships in spinal cord medicine, the Paralyzed Veterans of America Education Foundation helps develop tools that share spinal cord injury and disease (SCI/D) knowledge and improve the lives of those with SCI/D. The PVA Education Foundation provides funding in five project categories:

- Consumer and community education to improve the health, independence and quality of life for individuals with SCI/D
- Professional development and education to improve the knowledge and competencies of health professionals who serve the SCI/D community, including fellowship and traineeship programs
- Research utilization and dissemination, which translates findings into practice
- Assistive technology—Development of teaching tools or pilot programs that demonstrate innovative approaches to the use of assistive devices
- Conferences and symposia that provide education and collaboration opportunities for members of the SCI/D community

For more information: http://www.pva.org/education-foundation

🪜 Robert Wood Johnson Foundation: Evidence for Action

- **Deadline:** Rolling 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-
Robert Wood Johnson Foundation: Pioneering Ideas Brief Proposal

- Deadline: Rolling
- Grant Range: no explicit range

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: Core Programs and Special Initiatives

- Deadline: November 30, 2018 for LOI
- Grant Range: up to $175,000 over up to 2 years

The Russell Sage Foundation is the principal American foundation devoted exclusively to research in the social sciences. November 30, 2018 is Letter of Inquiry deadline for the following programs: Future of Work; Race, Ethnicity & Immigration; Behavioral Economics; Non-Standard Employment; Immigration & Immigration Integration; and Computational Social Science.

For more information: http://www.russellsage.org/research/categories/requests-proposals

Samuel H. Kress Foundation: Digital Resources Grant Program

- Deadline: October 1, 2018 (also April 1)
- Grant Range: not specified

The Digital Resources program is intended to foster new forms of research and collaboration as well as new approaches to teaching and learning. Support will also be offered for the digitization of important visual resources (especially art history photographic archives) in the area of pre-modern European art history; of primary textual sources (especially the literary and documentary sources of European art history); for promising initiatives in online publishing; and for innovative experiments in the field of digital art history. Please note that this grant program does not typically support the digitization of museum object collections.

For more information: http://www.kressfoundation.org/grants/digital_resources/
Samuel H. Kress Foundation: History of Art Grants Program

- **Deadline:** October 1, 2018 (also January 15th and April 1)
- **Grant Range:** past giving up to $300,000

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.


Sarcoma Foundation of America: Research Fund Program

- **Deadline:** next submission window October 1, 2018 to January 31, 2019
- **Grant Range:** $50,000

The Sarcoma Foundation of America has developed a program to provide grants to investigators interested in translational science sarcoma research.

Accepting applications that focus on the following areas of research:

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

For more information: [http://www.curesarcoma.org/research/research-grants-policy/](http://www.curesarcoma.org/research/research-grants-policy/)

Simons Collaboration in Mathematics and Physical Sciences (MPS)

- **Deadline:** October 3, 2018 for LOI
- **Grant Range:** $2M per year for an initial period of 4 years; total 4-year budget not to exceed $8M

The aim of the Simons Collaborations in MPS program is to stimulate progress on fundamental scientific questions of major importance in mathematics, theoretical physics, and theoretical computer science.

A Simons Collaboration in MPS should address a mathematical or theoretical topic of fundamental scientific importance, where a significant, new development creates a novel area for exploration or provides a new direction for progress in an established field. The questions addressed by the collaboration may be concrete or conceptual, but there should be little doubt that answering them would constitute a major scientific milestone.

The project should have clearly defined initial activities and goals by which progress and success can be measured. The support from the foundation should be seen as critical for the objectives of the project. The project should involve outstanding researchers with a range of career stages. Excellence of the scientific leadership is one of the main criteria in the selection process. The project should be organized and managed in a manner engendering a high level of collaboration.

For more information: [https://www.simonsfoundation.org/funding/funding-opportunities/mathematics](https://www.simonsfoundation.org/funding/funding-opportunities/mathematics)
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/](https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/)

Spencer Foundation: Lyle Spencer Research Awards

- **Deadline:** October 2, 2018 for LOI
- **Grant Range:** up to $1,000,000

The Spencer Foundation aims to reinforce commitment to intellectually ambitious research, oriented ultimately to improving the practice of education, and independent of any particular reform agendas or methodological strictures.

For more information: [http://www.spencer.org/lyle-spencer-research-awards-program-statement](http://www.spencer.org/lyle-spencer-research-awards-program-statement)

Spencer Foundation: Small Research Grants

- **Deadline:** November 1, 2018 (also, February 1, May 1, August 1)
- **Grant Range:** $50,000 or less

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](http://www.spencer.org/small-research-grants)

Toyota USA Foundation Grants

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

The Toyota U.S.A. 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](https://www.toyota.com/usa/community/articles/community_grants_foundation.html)
US-Israel Binational Science Foundation: Regular Research Grants

- **Deadline:** November 20, 2018
- **Grant Range:** up to $230,000 over 4 years

Applications to the program are made jointly by a US and an Israeli researcher(s) who would like to work together. No prior cooperation is required, but the synergy between the PIs must be evident.

The regular research grants program is the main program of the BSF. Submission of regular grant applications is on a split-program basis; that is, the eligibility to submit applications is limited, in alternate years, to either health sciences, life sciences and psychology; or to exact, physical and social sciences as outlined below.

In odd calendar years (2017, 2019, etc.) the following areas of research will be eligible for submission:
- Biomedical Engineering
- Health Sciences (Medicine)
- Life Science
- Psychology

In even calendar years (2018, 2020, etc.) the following areas of research will be eligible for submission:
- Atmospheric & earth sciences
- Chemistry
- Computer sciences
- Ecology & systematic biology
- Economics
- Energy research
- Environmental research
- Material research
- Mathematical sciences
- Oceanography & limnology
- Physics
- Sociology
- Special Program (NSF-BSF)


US-Israel Binational Science Foundation: Start-Up Grant

- **Deadline:** November 15, 2018 (anticipated)
- **Grant Range:** up to $60,000 over 24 months with $15,000 institutional commitment required

This program is meant to help individuals who are beginning their research careers and may not yet have initial results to show for their work. Grants are intended to enable the grantees to submit an application to the next regular competition in their area of research. Proposals must have a strong element of cooperation between an Israeli and an American scientist(s).

Submission of start-up grant applications is on a split-program basis; that is, the eligibility to submit applications is limited, in alternate years, to either health sciences, life sciences and psychology; or to exact, physical and social sciences as outlined below.

In odd calendar years (2015, 2017, etc.) the following areas of research will be eligible for submission:
- Biomedical Engineering
- Health Sciences (Medicine)
- Life Science
- Psychology

In even calendar years (2016, 2018, etc.) the following areas of research will be eligible for submission:
- Atmospheric & earth sciences
- Chemistry
- Computer sciences
- Ecology & systematic biology
- Economics
- Energy research
- Environmental research
- Materials research
- Mathematical sciences
- Oceanography & limnology
- Physics
- Sociology
- Special Program (NSF-BSF)
Whitehall Foundation: Research Grants

- **Deadline:** October 1, 2018 [also January 15 and April 15] for LOI
- **Grant Range:** $90,000 to $225,000 over three 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/about/](http://www.whitehall.org/about/)

Whitehall Foundation: Research Grant-in-Aid

- **Deadline:** October 1, 2018 [also January 15 and April 15] for LOI
- **Grant Range:** $30,000 for one year

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/about/](http://www.whitehall.org/about/)