## FUNDING OPPORTUNITIES: January – March 2018

**wpi.edu/+privatefunding**

Click on an opportunity to see more detail:

<table>
<thead>
<tr>
<th>Opportunity</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>
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<tbody>
<tr>
<td>Alfred P. Sloan Foundation: Data and Computational Research</td>
<td>Varies</td>
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<td>Gladys Brooks Foundation: Support for Educational Institutions</td>
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<td>The Gladys Kriieble Delmas Foundation</td>
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<td>Klingenstein: Simons Fellowship Awards in Neuroscience</td>
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<td>Link Foundation - Modeling, Simulation &amp; Training Fellowships</td>
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<td>Mabel Louise Riley Foundation</td>
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<td>Microsoft: Azure for Research Bi-monthly Award Program</td>
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<td>2/21/2018</td>
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<td>Patient-Centered Outcomes Research Institute: Communication &amp; Dissemination Research</td>
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Please contact Janet Pane-Joyce, Director of Institutional Advancement at 508-831-5345 or jpanejoyce@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](https://proposalcentral.altum.com/opportunities.asp))
- Foundation Directory Online*
- PIVOT*

*Available through the WPI library’s online databases
Please contact Janet Pane-Joyce, Director of Foundation & Corporate Philanthropy, at 508-831-5345 or jpanejoyce@wpi.edu if you have any questions or before approaching a private foundation.

**Alfred P. Sloan Foundation: Data and Computational Research**

- **Deadline:** Rolling for Letter of Inquiry
- **Grant Range:** Varies; recent grants range from $15,000 - $912,609

Grants in this sub-program aim to help researchers develop tools, establish norms, and build the institutional and social infrastructure needed to take full advantage of these important developments in data-driven, computation-intensive research. Emphasis is placed on projects that encourage access to and sharing of scholarly data, that promote the development of standards and taxonomies necessary for the interoperability of datasets, that enable the replication of computational research, and that investigate models of how researchers might deal with the increasingly central role played by data management and curation.

For more information: [https://sloan.org/programs/digital-technology/data-and-computational-research#apply](https://sloan.org/programs/digital-technology/data-and-computational-research#apply)

**AAAS: Marion Milligan Mason Awards for Women in the Chemical Sciences**

- **Deadline:** March 1, 2018
- **Grant Range:** $50,000

The goal of the Marion Milligan Mason Award for Women in the Chemical Sciences is to kick-start the research career of promising future senior investigators in the chemical sciences. The Marion Milligan Mason Fund will provide four grants of $50,000 every other year to women researchers engaged in basic research in the chemical sciences. Awards are for women who are starting their academic research careers. In addition to research funding, the program will provide leadership development and mentoring opportunities.

Applicants must have a full-time career-track appointment. More than one applicant from the same institution can apply for this award, provided that each application is scientifically distinct.

For more information: [https://masonaward.aaas.org/login/indexA.cfm](https://masonaward.aaas.org/login/indexA.cfm)
**American Cancer Society: Research Professor Award**

- **Deadline:** Letter of Inquiry due February 1, 2018 (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](http://www.cancer.org/research/applyforaresearchgrant/granttypes/research-professor-grants)

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

- **Deadline:** Next Submission Window - February 19, 2018 to March 16, 2018
- **Grant Range:** $110,000 over two 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 researchers who are within the first three years of their first academic appointment at the level of Assistant Professor. Applicants may have limited or no preliminary results for a research project they wish to pursue, with the intention of using preliminary results obtained to seek continuation funding elsewhere. DNI grants are to be used to illustrate proof of concept, to test a hypothesis, or to demonstrate feasibility of an approach.


**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](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 10, 2018
- **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. Projects supported by these grants may:

- Extend existing digital projects and resources with content that adds diversity or interdisciplinary reach;
- Develop new systems of making existing digital resources available to broader audiences and/or scholars from diverse institutions;
- Foster new team-based work or collaborations that allow scholars from institutions with limited digital
infrastructure to exploit digital resources; and

- Create new forms and sites for scholarly engagement with the digital humanities. Projects that document and recognize participant engagement are strongly encouraged.
- Support projects aimed at preserving and making sustainable established digital projects and content.

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

➤ American Heart Association: Mentor/AHA Mentee Award

- Deadline: February 14, 2018 (anticipated)
- Grant Range: $45,000–$60,000 over three years

Purpose: To provide enhanced mentoring opportunities for early-career faculty from experts within fields of study important to their career development. Some mentoring may be accomplished face-to-face, but this funding mechanism is designed to include virtual channels and also should include journal clubs, discussions, etc. Awarded mentors will be ‘matched’ by AHA with 2 of 3 current AHA Scientist Development Grant or Beginning Grant-in-Aid awardees from underrepresented racial and ethnic groups in science, or from smaller universities and academic institutions, or working in a particularly difficult or emerging area of science.

For more information: https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_460460_MentorAHA-Mentee-Award.jsp

➤ American Heart Association: Founders Affiliate Undergraduate Student Summer Fellowship

- Deadline: February 1, 2018
- Grant Range: $5,000 over 10-weeks

The goal of this program is to encourage students to pursue careers in cardiovascular research. Research projects with broad relevance to cardiovascular biology and stroke will be considered. Eligible students must be enrolled in a full-time undergraduate program at the time of application submission.

For more information: http://www.heart.org/HEARTORG/Affiliate/Founders-Affiliate-Local-Research-Opportunities_UCM_315885_Article.jsp#

➤ American Heart Association: Scientist Development Grant

- Deadline: February 14, 2018 (anticipated)
- Grant Range: $231,000 over three years

Objective: To support highly promising beginning scientists in cardiovascular and stroke research between their initial research training and their complete independence.

Science Focus: All basic, clinical, and population research broadly related to cardiovascular disease and stroke.

For more information: https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443318_Scientist-Development-Grant.jsp
American Honda Motor Co., Inc.:

- **Deadline:** February 1, 2018
- **Grant Range:** $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](https://www.honda.com/community/applying-for-a-grant)

American Institute of Physics (AIP): Congressional Science Fellowship Program

- **Deadline:** January 15, 2018
- **Grant Range:** $77,500 for one year plus relocation, travel & health insurance allowances

AIP, in partnership with the [Acoustical Society of America](https://www.aip.org/policy/fellowships/cf) (ASA), annually sponsors one scientist at any career stage to spend a year providing analytical expertise and scientific advice to Congress. Fellows gain a perspective which, ideally, will enhance not only their own careers but also the physics community’s ability to more effectively communicate with its representatives in Congress.

For more information: [https://www.aip.org/policy/fellowships/cf](https://www.aip.org/policy/fellowships/cf)

Arthritis National Research Foundation: Arthritis and Aging Research Grant

- **Deadline:** January 12, 2018
- **Grant Range:** up to $100,000 for one year

In a collaborative effort, the Arthritis National Research Foundation and the American Federation for Aging Research are seeking grant applications that focus on studying the underlying mechanisms by which aging processes contribute to arthritis. Priority will be given to 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/](http://www.curearthritis.org/arthritis-aging-research-grant/)

Avery Dennison Foundation

- **Deadline:** Rolling
- **Grant Range:** not specified; past giving up to $500,000

The Avery Dennison Foundation advances the causes of education, sustainability and women’s empowerment where Avery Dennison employees live and work.

**Education:**
- Provide direct services to traditionally underserved populations due to gender, socioeconomic status, or geography.
- Provide improvements to elementary, secondary, post-secondary and/or vocational schools.
Sustainability:

- 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 material science 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.


**Boston Scientific Foundation: Health Applications**

- **Deadline:** Accepted January 1 – April 1
- **Grant Range:** not stipulated; past giving under $60,000
- **LIMITED:** Only one application from WPI per 12-month period; contact Foundation & Corporate Philanthropy

All submissions must address the needs of underserved populations within 30 miles of cities where Boston Scientific has a physical presence, including Marlborough, MA.

**Health:** Health-related grants aim to improve the health of those with significant unmet needs by enhancing access and quality of care, and supporting disease prevention and awareness efforts. The Foundation has a particular interest in proposals that would fund diagnostic, prevention and treatment services for non-communicable diseases.

Brain & Behavior Research Foundation: NARSAD Young Investigator Grant

- **Deadline:** Jan-Feb
- **Grant Range:** $70,000 over two 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](https://bbrfoundation.org/yi)

The Brinson Foundation: Scientific Research

- **Deadline:** Rolling for Letters of Inquiry
- **Grant Range:** in 2015, 12 Scientific Research grants were awarded with an average of $53,000

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/](http://www.brinsonfoundation.org/scientific-research/)

Burroughs Wellcome Fund: Career Awards at the Scientific Interface

- **Deadline:** January 10, 2018
- **Grant Range:** $500,000 over 5 years

These grants are intended to foster the early career development of researchers who have transitioned or are transitioning from undergraduate and/or graduate work in the physical/mathematical/computational sciences or engineering into postdoctoral work in the biological sciences, and who are dedicated to pursuing a career in academic research.

Scientific advances such as genomics, quantitative structural biology, imaging techniques, and modeling of complex systems have created opportunities for exciting research careers at the interface between the physical/computational sciences and the biological sciences. Tackling key problems in biology will require scientists trained in areas such as chemistry, physics, applied mathematics, computer science, and engineering.

For more information: [https://www.bwfund.org/grant-programs/interfaces-science/career-awards-scientific-interface](https://www.bwfund.org/grant-programs/interfaces-science/career-awards-scientific-interface)

Burroughs Wellcome Fund: Postdoctoral Enrichment Program

- **Deadline:** January 16, 2018
- **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](http://www.bwfund.org/grant-programs/diversity-science/postdoctoral-enrichment-program)

- **Burroughs Wellcome Fund: Collaborative Research Travel Grants**
  - **Deadline:** February 1, 2018
  - **Grant Range:** $15,000

Supports relatively unrestricted travel for academic scientists, postdocs or fellows. Grants must be used for domestic or international travel to another lab to learn new research techniques or to begin or continue a collaboration to address biomedical questions. Special consideration will be given to applicants with doctoral training in the physical, mathematical, or engineering sciences who are working on biomedical problems.

For more information: [http://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants](http://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants)

- **Charles A. King Trust Postdoctoral Research Fellowship Program: Basic Sciences Research**
  - **Deadline:** February 10, 2018 (anticipated)
  - **Grant Range:** $87,400 - $106,350 over 2 years

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 on cancer, blindness (not visual impairment), or child health are highly encouraged.

For more information: [http://www.hria.org/tmfservices/tmfservices/tmfgrants/king.html](http://www.hria.org/tmfservices/tmfservices/tmfgrants/king.html)

- **Charles Pankow Foundation (CPF): Research Grants**
  - **Deadline:** Rolling for Research Need Statements
  - **Grant Range:** No set guideline (past range is $105,000 to $400,000)

The list of CPF Initiatives below is subject to change at any time. Great ideas and interesting individual research projects are always welcome.

- High Strength Reinforcing Bar
- Performance-Based Seismic Design of Tall Buildings
- Structural Optimization of Timber Design and Construction
- Integrated Project Delivery (IPD) Guide
- Water Reuse in Buildings
- Integrated Carbon into Life Cycle Based (Structural) Design Decision-Making
- Building Enclosures Guide
- Computational Analysis of the Behavior of Reinforced Concrete Members

Cisco Systems

- **Deadline:** Rolling, with review at the beginning of January, April, July, and October
- **Grant Range:** Varies

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. New RFPs include:
  - Legal Implications for IoT, Machine Learning and Artificial Intelligence Systems
  - Software Defined Networks/P4
  - Social Science: Career/Life Paths of Women in Engineering, Computer Science, and Data Science/Applied Mathematics
  - Security Assurance for Agile, Continuous Deployment and DevOps
  - Robust and Transparent Cryptography

For a full list of open RFP's visit: [http://research.cisco.com/research-programs.html#rfp-2015092](http://research.cisco.com/research-programs.html#rfp-2015092)

Comcast Innovation Fund

- **Deadline:** Rolling
- **Grant Range:** typically grants do not exceed $150,000 for one year

The Comcast Innovation Fund offers funding to support research that is of mutual interest to Comcast and the research community. It also provides funding to support open source software development. Types of grants:
  - **Research Grants** provide unrestricted funds to support researchers at colleges and universities. They are geared toward supporting technical research in a wide variety of fields that are relevant to the broadband industry and/or to Comcast specifically.
  - **Open Source Development Grants** fund new or continued development of open source software in areas of interest to Comcast or of benefit to the Internet and broadband industries.


Commonwealth Fund

- **Deadline:** Rolling LOI
- **Grant Range:** Board-level median $215,944; small grants median $33,506

The Fund's current programs are:
  - Health Care Coverage and Access
  - Health Care Delivery System Reform
  - Advancing Medicare
  - Breakthrough Health Care Opportunities
  - Tracking Health System Performance
  - Federal and State Health Policy
  - International Health Policy and Practice Innovations
  - Controlling Health Care Costs

Craig H. Neilsen Foundation: Psychosocial Research Grants

- **Deadline:** Letter of Inquiry due March 30, 2018
- **Grant Range:** $400,000.00

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/how-to-apply/](http://chnfoundation.org/how-to-apply/)

Dr. Scholl Foundation

- **Deadline:** proposals accepted October 1, 2017 to March 1, 2018
- **Grant Range:** no limit; average range $5,000 - $25,000

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: [http://www.drschollfoundation.com/index.html](http://www.drschollfoundation.com/index.html)

Environmental Research & Education Foundation

- **Deadline:** January 6 and June 1 for pre-proposals
- **Grant Range:** recent grant range $32,000 to $1M

Topics must relate to **sustainable solid waste management practices** and pertain to the following areas:
  1. Waste minimization
  2. Recycling
  3. Waste conversion to energy, biofuels, chemicals or other useful products.
  4. Strategies to promote diversion to higher and better uses
  5. Landfilling

For more information: [https://erefdn.org/research-grants-projects/how-to-apply-for-grant/](https://erefdn.org/research-grants-projects/how-to-apply-for-grant/)
Ewing Marion Kauffman Foundation: Junior Faculty Fellowship in Entrepreneurship Research

- **Deadline:** January 16, 2018
- **Grant Range:** $35,000 over two years

The foundation established the fellowship in 2008 to recognize tenured or tenure-track junior faculty members at accredited U.S. universities who are beginning to establish a record of scholarship and exhibit the potential to make significant contributions to the body of research in the field of entrepreneurship.

This program will help launch a cohort of world-class scholars into this young and exciting field, thus laying a foundation for future scientific advancement. The research produced by these fine scholars will be translated into knowledge with application for policymakers, educators, service providers, and entrepreneurs.


Ford Foundation

- **Deadline:** Rolling for online idea submission
- **Grant Range:** $100,000 plus

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

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/)
Gladys Brooks Foundation: Support for Educational Institutions

- **Deadline:** application period January 15, 2017 through May 31, 2017 [anticipated]
- **Grant Range:** $10,000-$150,000

Grant opportunities for libraries and education include:

- Libraries: collaborative projects fostering broader public access to global information sources utilizing pioneering technologies and equipment are encouraged.
- Education: endowments to fund scholarships based solely on educational achievements, leadership, and academic ability; buildings, wings, additions and equipment for education.

For more information: [http://www.gladysbrooksfoundation.org/guidelines.html](http://www.gladysbrooksfoundation.org/guidelines.html)

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/)

Howard Hughes Medical Institute: Hanna H. Gray Fellows Program

- **Deadline:** January 10, 2018
- **Grant Range:** Up to $1,400,00 over four years

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](http://www.hhmi.org/programs/hanna-h-gray-fellows-program#Overview)
Human Frontier Science Program

- **Deadline:** Letter of Inquiry due at the end of March 2018 (anticipated)
- **Grant Range:** Up to $450,000 per grant year

Research grants are provided for teams of scientists from different countries who wish to combine their expertise in innovative approaches to questions that could not be answered by individual laboratories. Emphasis is placed on novel collaborations that bring together scientists preferably from different disciplines (e.g. from chemistry, physics, computer science, engineering) to focus on problems in the life sciences. Two types of Research Grant are available: Young Investigators’ Grants and Program Grants.

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

James McDonnell Foundation: Scholar Awards in Complex Systems (Scholar-CS)

- **Deadline:** March 18, 2017 (anticipated)
- **Grant Range:** $450,000 over 6 years

The program's emphasis is furthering the science of complex systems via the continued development of the theory and tools used in the study of complex research questions and not on particular fields of research per se. JSMF is particularly interested in projects attempting to apply complex systems approaches to coherently articulated questions. PIs should be between 5 and 15 years post Ph.D.

For more information: [https://www.jsmf.org/programs/cs/](https://www.jsmf.org/programs/cs/)

Julian Schwinger Foundation for Physics Research

- **Deadline:** Rolling
- **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. They state that 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.

Klingenstein: Simons Fellowship Awards in Neuroscience

- **Deadline:** February 15, 2018
- **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/](http://www.klingfund.org/)

Link Foundation - Modeling, Simulation & Training Fellowships

- **Deadline:** Submission starting November 1, 2017 until January 15, 2018
- **Grant Range:** $29,000

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/](http://www.linksim.org/)

Mabel Louise Riley Foundation

- **Deadline:** Rolling; submit 60 days before quarterly meetings in Mar, June, Sept and Dec
- **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; 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.

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

McKnight Endowment Fund for Neuroscience: Memory and Cognitive Disorders Award

- **Deadline:** Letter of Inquiry due March 27, 2018 (anticipated)
- **Grant Range:** $300,000 per year for three years
These awards support innovative efforts to solve the problems of neurological and psychiatric diseases, especially those related to memory and cognition. They 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 welcomed, as are proposals that help link basic with clinical neuroscience.

For more information: https://neuroscience.mcknight.org/the-awards/memory-and-cognitive-disorders

➤ McKnight Endowment Fund for Neuroscience: Scholar Award

- **Deadline:** January 8, 2018
- **Grant Range:** $75,000 per year for three years

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

For more information: https://www.neuroscience.mcknight.org/the-awards/scholar

➤ Misk Grand Challenges Round 1

- **Deadline:** May 2, 2018 11:30 a.m. Pacific Daylight Time
- **Grant Range:** Phase I: $100,000 for up to 18 months; Phase II: up to $1,000,000

Misk Grand Challenges is a collaboration between the Misk Foundation, a non-profit philanthropic foundation established by HRH Crown Prince Mohammad bin Salman to empower young people to succeed in the knowledge economy, and the Bill & Melinda Gates Foundation, which funds global health and development programs for the world’s poorest people. Misk Grand Challenges aims to help young people change the world by empowering them to create fresh, innovative solutions to global challenges facing the next generation. Over a three-year period, Misk Grand Challenges plans to launch new challenges every six months, offering 100 young innovators across the world a Phase I award of $100,000 to develop their ingenious ideas into a concrete proof of concept. Each Phase I recipient will have one opportunity to compete for a Phase II award of up to $1,000,000. Round 1 challenges will focus on two themes: Global Citizenship and Education.

For more information: http://miskgrandchallenges.org/challenges.html

➤ Microsoft Azure for Research

- **Deadline:** 15th of February, April, June, August, October and December

Microsoft Research is soliciting proposals for projects that use Microsoft Azure in research. Microsoft welcomes research proposals from any branch of scholarly activity. Selected proposals will be awarded large allocations of Microsoft Azure storage and computing resources for a period of up to one year.

Motorola Solutions Foundation: Innovation Generation Grants Program

- **Deadline:** February 23, 2018 (anticipated)
- **Grant Range:** $10,000 - $50,000

The Innovation Generation grant (IGG) program is designed to increase students’ skills in science, technology, engineering, and math (STEM) and/or increase engagement in STEM career pathways. Grants will support innovative and hands-on STEM programs that serve elementary through university students and teachers in the United States.

For more information: [http://www.motorolasolutions.com/content/dam/msi/docs/about-us/cr/2016_innovation_generation_grant_guidelines_1_.pdf](http://www.motorolasolutions.com/content/dam/msi/docs/about-us/cr/2016_innovation_generation_grant_guidelines_1_.pdf)

Nasdaq Educational Foundation

- **Deadline:** Letter of Inquiry due March 1, 2018 (anticipated)
- **Grant Range:** no set amount

The mission of the Nasdaq Educational Foundation, Inc. is to support programs that further the Nasdaq vision and mission of connecting business, capital and innovative ideas to advance global economies. All proposals must further financial markets literacy and entrepreneurship, in addition to meeting other criteria. Specific requests for proposals will be posted in late fall 2016.


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

- **Deadline:** February 21, 2018
- **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](http://www.nyscf.org/for-scientists/neuroscience-investigator-awards)
New York Stem Cell Foundation (NYSCF): Robertson Stem Cell Investigator Awards

- **Deadline:** February 21, 2018
- **Grant Range:** $300K per year for up to 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, 2018.


Organization for Autism Research: Applied Research Competition

- **Deadline:** Letter of Inquiry due March 26, 2018 (anticipated)
- **Grant Range:** $30,000

OAR seeks to fund studies that expand the body of knowledge related to autism intervention and treatment, produce practical and clearly objective results, have the potential to impact public policy, and provide outcomes that offer to enhance quality of life for persons with autism and their families. While applicants are always free to submit on any relevant area of research or intervention, this year, OAR is placing an emphasis on research that addresses the following targeted areas: augmentative and alternative communication, community-based intervention, behavioral economics, and effective staff training. While there is no guarantee of funding, studies that cover these topics will receive additional scoring credit during the review process.

For more information: [https://researchautism.org/research-grants/](https://researchautism.org/research-grants/)

Paralyzed Veterans of America: Education Foundation

- **Deadline:** next submission window - October 6, 2017 to January 10, 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:
Patient-Centered Outcomes Research Institute: Communication & Dissemination Research

- Deadline: Letter of Inquiry due February 13, 2018
- Grant Range: up to $1.5 million over 3 years

PCORI seeks to fund projects that address critical knowledge gaps in the communication and dissemination process—both the communication and dissemination of research results to patients, their caregivers, and clinicians, and the communication between patients, caregivers, and clinicians—in the service of enabling patients and caregivers to make the best possible decisions in choosing among available options for care and treatment.

For more information: https://www.pcori.org/funding-opportunities/announcement/broad-pcori-funding-announcements-cycle-1-2018-addressing

Research Corporation for Science Advancement: Cottrell Scholar Awards

- Deadline: Next Submission Window - February 15, 2018 to May 1, 2018 (anticipated)
- Grant Range: $100,000

Eligible applicants are tenure-track faculty members whose primary appointment is in a department of astronomy, chemistry or physics that offers, the minimum, a bachelor’s degree.

CSA proposals contain a research plan, an educational plan and a clear statement on how the CSA will help applicants become truly outstanding teacher-scholars and future academic leaders. The project plans must be for a period of three years. The ability of applicants to mount a strong and innovative research program and achieve excellence in education and their potential leadership skills are key criteria in the selection of the awards.

For more information: http://rescorp.org/cottrell-scholars/cottrell-scholar-award/guidelines

Robert Wood Johnson Foundation: Evidence for Action

- Deadline: Rolling for Letter of Inquiry
- Grant Range: Not explicit

Evidence for Action: Investigator-Initiated Research to Build a Culture of Health is a national program of RWJF that supports the Foundation’s commitment to building a Culture of Health in the United States. Evidence for Action supports creative, rigorous research on the impact of innovative programs, policies and partnerships on health and well-being, and on novel approaches to measuring health determinants and outcomes.

Robert Wood Johnson Foundation: Pioneering Idea Brief Proposal

- **Deadline:** Rolling
- **Grant Range:** unspecified

The Foundation awards most grants through Calls for Proposals (CFPs) connected with our areas of focus. Throughout the year, the Foundation also welcomes “unsolicited” Pioneering Idea Brief Proposals for ideas that can help it anticipate the future and ensure it considers new and unconventional perspectives and approaches to improve health and healthcare.


Samuel H. Kress Foundation: History of Art Grant Program

- **Deadline:** January 15, 2018 (also April 1 and October 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.


Santander Competition for Innovations in Study Abroad Partnerships & Collaboration

- **Deadline:** January 15, 2018
- **Grant Range:** up to $25,000

This competition is open to all higher education institutions in northeastern United States and all non-U.S. countries in Latin America, the Caribbean, and Canada that promote study abroad and training opportunities in all fields of study. In applying for this competition, higher education institutions from the eligible geographic locations will demonstrate how they will assert leadership in implementing proposed innovations, increase student mobility, maintain student and faculty engagement, and commit to making concrete changes to expand access to study abroad for all students as sending and/or hosting institutions. The intent of the Santander Competition is to award approximately eight (8) Innovation Grants of up to $25,000 to selected proposals.

Sarcoma Alliance for Research Through Collaboration: Career Development Program

- **Deadline:** Letter of Inquiry due January 8, 2018
- **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](http://www.sarctrials.org/funding-opportunities#careerdev)

Sarcoma Foundation of America: Research Fund Program

- **Deadline:** January 31, 2018
- **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 Foundation: Collaboration Grants for Mathematicians

- **Deadline:** January 31, 2018
- **Grant Range:** $42,000 over 5 years

Each collaboration grant provides $8,400 per year for five years: $6,000 per year for collaboration, travel and research expenses for the awardee; $1,000 per year in discretionary funds for the awardee’s department; and $1,400 per year in indirect costs to the awardee’s institution. The five-year grant will commence September 1, 2018, and end August 31, 2023.

For more information: [https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/collaboration-grants-for-mathematicians/](https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/collaboration-grants-for-mathematicians/)

Simons Foundation Autism Research Initiative (SFARI): Explorer Award

- **Deadline:** Rolling for Letter of Inquiry
- **Grant Range:** $80,000 for one year; non-renewable

The mission of the Simons Foundation Autism Research Initiative (SFARI) is to improve the understanding, diagnosis and treatment of autism spectrum disorders.
For more information: [https://sfari.org/funding/grants/explorer-awards-rfa](https://sfari.org/funding/grants/explorer-awards-rfa)

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

- **Deadline:** Rolling for Letter of Inquiry
- **Grant Range:** There is no recommended funding limit.

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: Small Research Grants**

- **Deadline:** February 1, 2018 (also, May 1, August 1, November 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)

**Tufts Health Plan Foundation**

- **Deadline:** Letter of Inquiry due January 22, 2018
- **Grant Range:** no minimum or maximum specified

The Tufts Health Plan Foundation invests in communities through grants to nonprofit organizations whose work considers healthy living with a focus on healthy aging.

Vodafone Americas Foundation: Wireless Innovation Project

- **Deadline:** March 5, 2018
- **Grant Range:** first-, second- and third-place prizes of $300,000, $200,000 and $100,000

The program is designed to recognize the growth taking place in mobile innovation and the potential for mobile and wireless technology to help solve critical social problems around the world. Winners in previous years have received additional funding that has enabled them to further develop and grow their innovations as well as hire talent. The mobile or wireless solution must have the potential to solve a problem in the areas of *access to education, health, access to communication, economic development,* and the *environment/disaster relief.* The project must be at a stage of research where an advanced prototype or field/market test can occur during the award period, and the technology should have the potential for replication and large-scale impact. Applicants also should have a business plan or basic framework for financial sustainability and rollout.

For more information: [http://vodafone-us.com/wireless-innovation-project/](http://vodafone-us.com/wireless-innovation-project/)

Whitehall Foundation: Research Grants

- **Deadline:** Letter of Inquiry due January 15, 2018 (also April 15 and October 1)
- **Grant Range:** $90,000 to $225,000 over three years

The Whitehall Foundation, through its program of grants and grants-in-aid, assists scholarly research in the life sciences. It is the Foundation’s policy to assist those dynamic areas of basic biological research that are not heavily supported by Federal Agencies or other foundations with specialized missions.

Research grants are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as on the competence of the applicant. Research grants of up to three years will be provided. A renewal grant with a maximum of two years is possible, but it will be awarded on a competitive basis. Research grants will not be awarded to investigators who have already received, or expect to receive, substantial support from other sources, even if it is for an unrelated purpose. Research grants normally range from $30,000 to $75,000 per year.

For more information: [http://www.whitehall.org/grants/](http://www.whitehall.org/grants/)

Whitehall Foundation: Research Grant-in-Aid

- **Deadline:** Letter of Inquiry due January 15, 2018 (also April 15 and October 1)
- **Grant Range:** $30,000 for one year

The Whitehall Foundation, through its program of grants and grants-in-aid, assists scholarly research in the life sciences. It is the Foundation’s policy to assist those dynamic areas of basic biological research that are not heavily supported by Federal Agencies or other foundations with specialized missions.

The Grants-in-Aid program is designed for researchers at the assistant professor level who experience difficulty in 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. Grants-in-Aid are awarded for a one-year period and do not exceed $30,000.
William P. Wharton Trust

- **Deadline:** Letter of Inquiry due March 1, 2018
- **Grant Range:** $15,000

**General Objective:**
- To support projects that directly promote the conservation, study, and appreciation of nature.

**Specific Objectives (in order of priority):**
- Natural areas preservation, 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](http://www.williampwhartontrust.org/index.htm)

Wings for Life Spinal Cord Research Foundation: Accelerated Translational Program (ATP)

- **Deadline:** Rolling

Even with very promising discoveries, the translation from scientific discovery to applied therapeutics is a long and difficult road due to regulatory burdens, complexities of clinical trial design, patient recruitment and retention barriers, and the high cost of cutting edge research. The Wings for Life Accelerated Translational Program (ATP) has been specifically designed to be able to accommodate obstacles to efficient clinical translation.

The ATP strives to assist applicants to find the best way forward in clinical translation of high caliber, promising therapies. The ATP is supported by a network of clinicians, scientists, and other professionals with expertise in all aspects of clinical trials. Select members of the ATP Support Network will be called upon, as required, to assist in ensuring that treatments with auspicious potential are translated in the most scientifically rigorous and efficient way possible.


Three Addition Resources for Grant-Seekers:
- ProposalCENTRAL Opportunities ([https://proposalcentral.altum.com/opportunities.asp](https://proposalcentral.altum.com/opportunities.asp))
- Foundation Directory Online*
- PIVOT*

*Available through the WPI library’s online databases