

# WORCESTER POLYTECHNIC INSTITUTE

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Office of Foundation & Corporate Philanthropy  
**FUNDING OPPORTUNITIES: July – September 2017**  
[wpi.edu/+privatefunding](http://wpi.edu/+privatefunding)

Click on an opportunity to see more detail:	Award Amount	Submission Deadline	Arts & Humanities	Biology & Biotechnology	Business	Chemistry	Computer Science	Engineering	Mathematics	Physics
Alfred P. Sloan Foundation: Sloan Research Fellowships	\$65,000	09/15/2017		X		X	X		X	X
Alfred P. Sloan Foundation: Data and Computational Research	Varies	Rolling					X		X	
Alliance for Cancer Gene Therapy (ACGT): The Fund for Discovery (Young Investigator Award)	\$250,000	09/20/2017		X						
American Association for Cancer Research: NextGen Grants for Transformative Cancer Research	\$450,000	9/12/2017		X						
American Chemical Society Petroleum Research Fund: Doctoral New Investigators	\$110,000	10/20/2017				X		X		
American Chemical Society Petroleum Research Fund: New Directions Grants	\$110,000	10/20/2017				X		X		
American Council of Learned Societies (ACLS): Collaborative Research Fellowships	\$201,000	09/2017	X							
American Council of Learned Societies (ACLS): Fellowships	35,000 to \$70,000	09/2017	X							
American Council of Learned Societies (ACLS): Frederick Burkhardt Residential Fellowships for Recently Tenured Scholars	\$95,000	09/2017	X							
American Heart Association: Founders Affiliate - Grant in Aid	\$154,000	07/28/2017		X						
American Heart Association: Innovative Research Grant	\$150,000	07/26/2017		X						
American Heart Association: Mentored Clinical & Population Research Award	\$154,000	07/26/2017		X						
American Heart Association: Founders Affiliate - Postdoctoral Fellowship	\$103,320 to \$125,120	07/28/2017		X						
American Heart Association: Founders Affiliate - Predoctoral Fellowship	\$53,768	07/28/2017		X						
American Heart Association: Founders Affiliate - Scientist Development Grant	\$231,000	07/26/2017		X						
Arnold and Mabel Beckman Foundation: Beckman Young Investigators (BYI) Award	\$750,000	LOI 08/14/2017		X		X				
Avery Dennison Foundation	Varies	Rolling	X	X		X	X	X	X	X
Boston Scientific Foundation	\$60,000	08/15/2017		X	X	X	X	X	X	
Brain & Behavior Research Foundation: NARSAD Distinguished Investigator Grant	\$100,000	07/2017		X						
The Brinson Foundation: Scientific Research	Varies	Rolling		X						X

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Foundation	Award Amount	Submission Deadline	Arts & Humanities	Biology & Biotechnology	Business	Chemistry	Computer Science	Engineering	Mathematics	Physics
Burroughs Wellcome Fund: Career Awards at the Scientific Interface	\$500,000	09/06/2017		X			X		X	X
The Camille and Henry Dreyfus Foundation: Postdoctoral Program in Environmental Chemistry	\$120,000	08/01/2017				X				
Charles A. Frueauff Foundation (CAFF): Education Funding	\$10,000 to \$70,000	09/15/2017	X							
Charles H. Hood Foundation: Child Health Research Awards Program	up to \$150,000	09/19/2017		X						
Charles Pankow Foundation: Research Grants	Varies	Rolling						X		
Cisco Systems	Varies	Rolling					X			
Comcast	up to \$150,000	Rolling					X			
Commonwealth Fund	\$215,944	Rolling LOI	X		X		X			
Crohn's & Colitis Foundation: Broad Medical Research Program (BMRP)	Varies	Rolling LOI		X						
Damon Runyon: Rachleff Innovation Award	\$300,000	07/06/2017		X						
Damon Runyon: Fellowship Award	\$231,000	08/17/2017		X						
Elsa U. Pardee Foundation	\$147,897 to \$225,000	08/31/17		X						
Eppley Foundation for Research	\$25,000	09/15/2017		X		X	X		X	X
Ford Foundation	\$100,000 plus	Rolling LOI	X				X			
G. Harold & Leila Y. Mathers Charitable Foundation	Varies	Rolling LOI		X						
The Gladys Krieble Delmas Foundation	up to \$100,000	Rolling	X							
Google, Inc.: Research Award	\$150,000	09/30/2017					X			
Helen Hay Whitney Foundation: Postdoctoral Research Fellowship	\$163,000	06/30/2017		X						
Human Frontier Science Program: Long-Term Fellowships	Varies	08/10/2017		X						
Human Frontier Science Program: Cross-Disciplinary Fellowships	Varies	08/10/2017				X	X	X	X	X
John Templeton Foundation: Small Grants Program	Up to \$217,400	LOI 08/31/2017	X						X	X
Julian Schwinger Foundation for Physics Research	\$50,000	Rolling LOI								X
Mabel Louise Riley Foundation	\$50,000 to \$100,000	Rolling	X		X			X		
The Medical Foundation: Smith Family Awards Program for Excellence in Biomedical	\$300,000	07/11/2017		X		X		X		X
Microsoft: Azure for Research Bi-monthly Award Program	N/A	08/15/2017					X			
Paralyzed Veterans of America Research Foundation	\$75,000 to \$150,000	07/24/2017		X				X		

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Foundation	Award Amount	Submission Deadline	Arts & Humanities	Biology & Biotechnology	Business/HDI	Chemistry	Computer Science	Engineering	Mathematics	Physics
Robert Wood Johnson Foundation: Evidence for Action	Varies	Rolling			X		X			
Russell Sage Foundation: Social Sciences	\$150,000	LOI 08/21/2017	X		X					
Simons Foundation: Simons Fellows in Mathematics	up to \$100k	09/29/17							X	
Simons Foundation: Targeted Grants for Mathematics and Physical Sciences (MPS)	Varies	Rolling LOI							X	X
Simons Foundation Autism Research Initiative (SFARI) Explorer Award	\$70,000	Rolling LOI		X						
Spencer Foundation: Small Research Grants	\$50,000 or less	08/01/2017	X							
Tufts Health Plan Foundation	Varies	LOI 07/20/2017		X	X					
Wings for Life Spinal Cord Research Foundation: Individual and Project Research	\$64,136 to \$225,024	ES 09/01/2017		X						
Wings for Life Spinal Cord Research Foundation Accelerated Translational Program (ATP)	Varies	Rolling		X						

Please contact Janet Pane-Joyce, Director of Foundation & Corporate Philanthropy at 508-831-5345 or [jpanejoyce@wpi.edu](mailto: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>)
- ❖ Foundation Directory Online\*
- ❖ PIVOT\*

\*Available through the WPI library's online databases

Updated: 6/1/2017

# WORCESTER POLYTECHNIC INSTITUTE

Office of Foundation & Corporate Philanthropy  
FUNDING OPPORTUNITIES: July – September 2017

Please contact **Janet Pane-Joyce**, Director of Foundation & Corporate Philanthropy (F&CP) at 508-831-5345 or [jpanejoyce@wpi.edu](mailto:jpanejoyce@wpi.edu) if you have any questions or before approaching a foundation.

## ➤ Alfred P. Sloan Foundation: Sloan Research Fellowships

- **Deadline: September 15, 2017**
- **Grant Range: \$65,000 for a two-year term**
- **Requirement: Limited submission, must be nominated by department head**

These two-year fellowships are awarded yearly to 126 early-career researchers in recognition of distinguished performance and a unique potential to make substantial contributions to their field. Candidates must hold a Ph.D. (or equivalent) in **chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics**, or a related field. Candidates' most recent Ph.D. (or equivalent) must have been awarded on or after September 1, 2011. (Exceptions may apply.)

For more information: <http://www.sloan.org/sloan-research-fellowships/?L=imbzkscxn%25252520>

## ➤ 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>

## ➤ Alliance for Cancer Gene Therapy (ACGT): The Fund for Discovery (Young Investigator Award)

- **Deadline: September 20, 2017 (anticipated) for Abstract**
- **Grant Range: \$250,000 over 2-3 years**

The overall objectives of this grant are to advance cell and gene therapy into the causes, treatment and prevention of all types of cancer by promoting development of novel and innovative studies by young investigators. The emphasis of this initiative is to promote basic, and pre-clinical research approaches

utilizing cells and genes as medicine. ACGT will direct its grants into areas of cell and gene therapy research that have demonstrated great promise. The six main areas of research ACGT will support are:

- Tumor-Specific Replicating Viruses and Bacteria
- Anti-angiogenesis
- Immune-mediated Gene Therapy and Cancer Vaccines
- Oncogenes/Suppressor Oncogenes/Apoptosis Directed Therapy
- Tumor Targeting and Vector Development
- Other Cancer Cell and Gene Therapy Research

At the time of award activation, candidates must hold an MD, MPH, PhD, or equivalent degree and be a tenure-track Assistant Professor within five years of their initial appointment to this rank. The investigator must be conducting original research as an independent faculty member. ACGT has no citizenship restrictions; however, research supported by the award must be conducted at medical schools and research centers only in the United States and Canada.

For more information: <http://www.acgtfoundation.org/grants-and-research/research-grants/>

#### ➤ **American Association for Cancer Research (AACR): NextGen Grants for Transformative Cancer Research**

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- **Deadline: September 12, 2017 for Letter of Intent (anticipated)**
- **Grant Range: \$450,000 over three years**

Applicant must be a tenure-eligible assistant professor, with an appointment on or after July 1, 2014. Investigators who currently, or have been, a Principal Investigator on an NIH R01 award, or their equivalent, are not eligible to apply.

The proposed research must represent a highly innovative approach to a major contemporary challenge in cancer research. The funded projects must have the potential to lead to groundbreaking discoveries in the field, and transform our understanding of the tumorigenesis process and/or our ability to treat, detect, or prevent cancer. The research can be in any area of basic, translational, or clinical science.

For more information: <http://www.aacr.org/Funding/Pages/Funding-Detail.aspx?ItemID=48#.V8SNjEb2aou>

#### ➤ **American Chemical Society Petroleum Research Fund: Doctoral New Investigators**

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- **Deadline: next submission window - September 18, 2017 to October 20, 2017**
- **Grant Range: \$110,000 over two years**

The goals of the American Chemical Society Petroleum Research Fund are:

- To support fundamental research in the petroleum field
- To develop the next generation of engineers and scientists through support of advanced scientific education

The *Doctoral New Investigator* 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.

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

### ➤ American Chemical Society Petroleum Research Fund: New Directions Grants

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- **Deadline:** next submission window - September 18, 2017 to October 20, 2017
- **Grant Range:** \$110,000 over two years

The goals of the American Chemical Society Petroleum Research Fund are:

- To support fundamental research in the petroleum field
- To develop the next generation of engineers and scientists through support of advanced scientific education

The *New Directions (ND)* grants program provides 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>

### ➤ American Council of Learned Societies (ACLS): Collaborative Research Fellowships

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- **Deadline:** September 2017 (anticipated)
- **Grant Range:** not to exceed \$201,000 for any one project

ACLS Collaborative Research Fellowships support small teams of two or more scholars collaborating intensively on a single, substantive project in the **humanities and social sciences**. The goal of the project should be a tangible research product (such as joint print or web publications) for which at least two collaborators will take credit.

For more information: <https://www.acls.org/programs/collaborative/>

### ➤ American Council of Learned Societies (ACLS): Fellowships

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- **Deadline:** September 2017 (anticipated)
- **Grant Range:** \$35,000 - \$70,000 for 6-12 months of full-time research

The ACLS Fellowship Program invites research applications in all disciplines of the **humanities and related social sciences**. The ultimate goal of the project should be a major piece of scholarly work by the applicant. ACLS does not fund creative work (e.g., novels or films), textbooks, straightforward translation, or pedagogical projects. The ACLS Fellowships are intended as salary replacement to help scholars devote six to twelve continuous months to full-time research and writing. ACLS Fellowships are portable and are tenable at the fellow's home institution, abroad, or at another appropriate site for research.

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

➤ **American Council of Learned Societies (ACLS): Frederick Burkhardt Residential Fellowships for Recently Tenured Scholars**

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- **Deadline: September 2017 (anticipated)**
- **Grant Range: \$95,000 plus funds for scholarly activities up to \$7,500 and relocation up to \$3,000**

Burkhardt Fellowships are open to recently tenured humanists and support an academic year (nine months) of residence at any one of 13 participating residential research centers.

For more information: <https://www.acls.org/programs/burkhardt/>

➤ **American Heart Association: Founders Affiliate - Grant in Aid**

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- **Deadline: July 28, 2017 (anticipated)**
- **Grant Range: \$154,000 over two years**

To support independent investigators with innovative and advanced projects related to cardiovascular disease and stroke.

For more information:

[https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM\\_443304\\_Grant-in-Aid-Program.jsp](https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443304_Grant-in-Aid-Program.jsp)

➤ **American Heart Association: Innovative Research Grant**

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- **Deadline: July 26, 2017 (anticipated)**
- **Grant Range: \$150,000 over two years**

To support highly innovative, high-risk, high-reward research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research.

The Innovative Research Grant (IRG) promotes new ideas; therefore, proposals need not include preliminary data. However, a solid rationale for the work must be provided. Proposed work should not be the next logical step of previous work, but should have a high probability of revealing new avenues of investigation, if successful. This program aims to provide pilot or seed funding that should lead to successful competition for additional funding beyond the pilot period.

For more information:

[https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM\\_321936\\_Innovative-Research-Grant.jsp](https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_321936_Innovative-Research-Grant.jsp)

### ➤ **American Heart Association: Mentored Clinical & Population Research Award**

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- **Deadline: July 26, 2017 (anticipated)**
- **Grant Range: \$154,000 over two years**

To encourage early investigators with supportive mentoring relationships to conduct introductory pilot studies that will guide future strategies for reducing cardiovascular disease and stroke.

For more information:

[https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM\\_443302\\_Mentored-Clinical-and-Population-Research-Award.jsp](https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443302_Mentored-Clinical-and-Population-Research-Award.jsp)

### ➤ **American Heart Association: Founders Affiliate - Postdoctoral Fellowship**

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- **Deadline: July 28, 2017 (anticipated)**
- **Grant Range: \$103,320 – \$125,120 over two years**

The objective of the fellowship is to empower postdoctoral trainees who are not yet independent with individualized, mentored assistance and training to initiate careers in cardiovascular and stroke research.

The scientific focus is 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. Proposals are encouraged from all basic, epidemiological, behavioral, community and clinical disciplines that bear on cardiovascular and stroke problems.

For more information:

[http://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM\\_443314\\_Postdoctoral-Fellowship.jsp#.VifN9ZdptOQ](http://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443314_Postdoctoral-Fellowship.jsp#.VifN9ZdptOQ)

### ➤ **American Heart Association: Founders Affiliate - Predoctoral Fellowship**

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- **Deadline: July 28, 2017 (anticipated)**
- **Grant Range: \$53,768 over two years**

To help students initiate careers in cardiovascular and stroke research by providing research assistance and training. 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. Proposals are encouraged from all basic, behavioral, epidemiological, and community and clinical investigations that bear on cardiovascular and stroke problems.

For more information:

[https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM\\_443316\\_Predoc-toral-Fellowship.jsp](https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443316_Predoc-toral-Fellowship.jsp)

### ➤ **American Heart Association: Scientist Development Grant**

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- **Deadline: July 26, 2017 (anticipated)**
- **Grant Range: \$231,000 over three years**

The SDG award supports highly promising beginning scientists in their progress toward independence by



encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator. Science focus is on 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. Proposals are encouraged from all basic disciplines as well as epidemiological, behavioral, community and clinical investigations that bear on cardiovascular and stroke problems.

For more information:

[https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM\\_443318\\_Scientist-Development-Grant.jsp](https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443318_Scientist-Development-Grant.jsp)

### ➤ **Arnold and Mabel Beckman Foundation: Beckman Young Investigators (BYI) Award**

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- **Deadline: Letter of Intent due August 14, 2017**
- **Grant Range: \$750,000 for a period of up to four years**

The Program provides research support to the most promising young faculty members in the early stages of academic careers in the **chemical** and **life sciences** particularly to foster the invention of methods, instruments, and materials that will open up new avenues of research in science.

For more information: <http://www.beckman-foundation.org/programs/beckman-young-investigators-program-information>

### ➤ **Avery Dennison Foundation**

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- **Deadline: Rolling**
- **Grant Range: not specified; 2015 range of \$2,000-\$300,000**

The Foundation is focused on projects in China, India, Brazil, and other emerging markets where their employees live and work. Grant applications from other regions are also considered. The Foundation accepts grant requests that 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.
- Focus funds on science, mathematics, technology or graphic and visual arts educational efforts.

Sustainable Grant Criteria:

- Provide direct support for projects that improve the physical environment.
- Involve young people and community members in the project's implementation.
- 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.

For more information: <http://averydennison.com/en/home/our-company/avery-dennison-foundation1/apply-for-grants.html#sthash.EUby0kJw.dpuf>

### ➤ **Boston Scientific Foundation: Education Grants**

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- **Deadline: August 15, 2017**
- **Grant Range: not stipulated; past giving under \$60,000**
- **Requirement: Only one application from an organization per 12-month period**

Education grants focus on improving educational opportunities and academic development for those who are economically disadvantaged or otherwise at risk of not achieving their full potential. The Foundation has a particular interest in proposals that provide exposure and increased knowledge in the fields of Science, Technology, Engineering and Math (STEM) among K-12 students. All submissions must address the needs of underserved populations in defined US geographies within 30 miles of cities where Boston Scientific has a physical presence, including Marlborough, MA.

For more information: <http://www.bostonscientific.com/en-US/corporate-citizenship/giving/foundation/criteria-guidelines.html>

### ➤ **Brain & Behavior Research Foundation: NARSAD Distinguished Investigator Grant**

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- **Deadline: July 20, 2017 (anticipated)**
- **Grant Range: \$100,000 for one year**

The NARSAD Distinguished Investigator Grant provides support for experienced investigators (full professor or equivalent) conducting neurobiological and behavioral research. Areas of particular interest to the Scientific Council's Selection Committee include patient populations with unique or unusual characteristics and central nervous system developments.

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

### ➤ **The Brinson Foundation: Scientific Research**

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- **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/>

### ➤ **Burroughs Wellcome Fund: Career Awards at the Scientific Interface**

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- **Deadline: Pre-proposal deadline September 6, 2017**
- **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.

For more information: <http://www.bwfund.org/grant-programs/interfaces-science/career-awards-scientific->

interface

### ➤ **The Camille and Henry Dreyfus Foundation: Postdoctoral Program in Environmental Chemistry**

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- **Deadline: August 1, 2017**
- **Grant Range: \$120,000 over 2 years**

Applications most likely to be of interest should describe innovative fundamental research in the **chemical sciences** or **engineering** related to the **environment**. Examples include but are not limited to the chemistry associated with: the climate, the atmosphere, aquatic or marine settings, toxicology, soil or groundwater. Also of interest are chemistry-related energy research (renewable sources, sequestration, etc.), and new or green approaches to chemical synthesis and processing, both with a clearly stated relation to the environment.

For more information: [http://www.dreyfus.org/awards/postdoctoral\\_program.shtml](http://www.dreyfus.org/awards/postdoctoral_program.shtml)

### ➤ **Charles A. Frueauff Foundation (CAFF): Education Funding**

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- **Deadlines: September 15th and March 15th**
- **Grant Range: up to \$10,000 for first time grantees; up to \$70,000 for returning grantees**

CAFF has provided endowed scholarships, as well as grants for technology and software upgrades and other infrastructure assistance. Service learning, persons leaving welfare, students preparing for employment in non-profit agencies, and activities for at-risk youth are examples of other funded requests. Although the Frueauff Foundation rarely makes large grants, funds have been given to support building campaigns and major fund drives. In most instances, these grants are used to meet challenges from other foundations.

For more information: <http://www.frueauff.org/index.php?fuseaction=p0007.&mod=16>

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

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- **Deadlines: September 19, 2017 and March 29, 2018 (both dates anticipated)**
- **Grant Range: up to \$150,000**

Grants support hypothesis-driven clinical, basic science, public health, health services research, and epidemiology projects focused on child health. Applicants must have completed their fellowship training by the application deadline and must be within five years of their first faculty appointment. Application deadlines occur in the spring and fall of each year. Funding begins every January 1<sup>st</sup> and July 1<sup>st</sup>.

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

### ➤ **Charles Pankow Foundation: Research Grants**

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- **Deadline: Rolling**
- **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 Seismic Design of Tall Buildings
- Structural Optimization of Timber Design and Construction
- Integrated Project Delivery (IPD) Guide
- Water Reuse in Buildings
- Integrating Carbon into Life Cycle Based (Structural) Design Decision-Making
- Building Enclosures Guide
- Computational Analysis of the Behavior of Reinforced Concrete Members

For more information: <http://www.pankowfoundation.org/ps.grantmaking.cfm?ID=13>

#### ➤ Cisco Systems

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

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

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

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

#### ➤ Comcast Innovation Fund

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

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

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

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

### ➤ Commonwealth Fund

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- **Deadline: Rolling LOI**
- **Grant Range: During 2011-12: board-level median \$215,944; small grants median \$33,506**

The Fund makes grants to improve health care practice and policy. It 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. 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 & Practice  
Innovations  
Controlling Health Care Costs

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

### ➤ Crohn's & Colitis Foundation: Broad Medical Research Program (BMRP)

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- **Deadline: Rolling for Letter of Interest**
- **Grant Range: varies**

Research grants are available for innovative proposals that will lead to improvements in the prevention, diagnosis or therapy of Crohn's disease or ulcerative colitis. BMRP especially supports research that can be readily translated to improve the care of human IBD in the near future.

Basic and clinical investigators, scientists not currently working in inflammatory bowel disease, and interdisciplinary teams are encouraged to apply. Preference is given to proposals for work conducted with human samples or patients. Research using non-human material should lead to translational benefits to patients with IBD.

For more information: If interested, please contact [wking@wpi.edu](mailto:wking@wpi.edu).

### ➤ Damon Runyon: Rachleff Innovation Award

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- **Deadline: July 6, 2017**
- **Grant Range: \$300,000 over 2 years with the opportunity for up to two additional years of funding**

The Damon Runyon-Rachleff Innovation Award is designed to provide support for the next generation of exceptionally creative thinkers with "high-risk/high-reward" ideas that have the potential to significantly impact our understanding of and/or approaches to the prevention, diagnosis or treatment of **cancer**.

The Innovation Award is specifically designed to provide funding to extraordinary early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding. It is not designed to fund incremental advances. The research supported by the award must be novel, exceptionally creative and, if successful, have the strong potential for high impact in the cancer field.

For more information: <https://www.damonrunyon.org/for-scientists/application-guidelines/innovation>

### ➤ **Damon Runyon: Fellowship Award**

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- **Deadline: August 17, 2017 (and March 15, 2018)**
- **Grant Range: \$231,000 over four years.**

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

For more information: [http://www.damonrunyon.org/for\\_scientists/more/fellowship\\_award\\_overview](http://www.damonrunyon.org/for_scientists/more/fellowship_award_overview)

### ➤ **Elsa U. Pardee Foundation**

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- **Deadline: August 31, 2017 (also December 31 and April 30)**
- **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: <http://www.pardeefoundation.org/grants.aspx>

### ➤ **Eppley Foundation for Research**

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- **Deadline: Letter of Inquiry September 15<sup>th</sup> or March 15<sup>th</sup>**
- **Grant Range: Typically under \$25,000**

The Foundation funds projects in biological and physical sciences. Particular areas of interest include innovative medical investigations, endangered species and ecosystems in the U.S. and abroad, and climate change.

The Foundation does not support work in the social sciences, education or computer science, and only rarely funds research into diseases that have considerable financial support available, such as AIDS, diabetes, cancer and heart disease. The Foundation does not fund work that can qualify for funding from conventional sources such as the National Science Foundation or the National Institutes of Health, or similar agencies at the state level.

It is important to the Foundation that the work proposed be novel in its insights and unlikely to be underway elsewhere. The Foundation is prepared to take risks.

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

### ➤ **Ford Foundation**

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- **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/>

### ➤ **G. Harold & Leila Y. Mathers Charitable Foundation**

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- **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/>

### ➤ **The Gladys Krieble Delmas Foundation**

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- **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/>

### ➤ Google, Inc.: Research Award

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- **Deadline: September 30, 2017**
- **Grant Range: up to \$150,000**

The goal of this award is to identify and strengthen long-term collaborative relationships with faculty working on problems that will impact how future generations use technology. Google Faculty Research Awards are structured as seed funding to support one graduate student for one year and are awarded as an unrestricted gift.

For more information: [https://research.google.com/university/relations/research\\_awards.html](https://research.google.com/university/relations/research_awards.html)

### ➤ Helen Hay Whitney Foundation: Postdoctoral Research Fellowship

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- **Deadline: June 30, 2017**
- **Grant Range: \$163,000 over 3 years**

To attain its ultimate goal of increasing the number of imaginative, well-trained, and dedicated medical scientists, the Foundation grants financial support of a three-year duration to young men and women planning careers in **biological** or **medical research**.

For more information: <http://hhwf.org/research-fellowship/>

### ➤ Human Frontier Science Program: Long-Term Fellowships and Cross-Disciplinary Fellowships

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- **Deadline: Registration deadline August 10, 2017; application deadline August 24, 2017**
- **Grant Range: varies**

The Human Frontier Science Program Organization (HFSP) supports innovative **basic research** into fundamental **biological problems**, with emphasis placed on novel approaches that **cross disciplinary** boundaries. HFSP offers 3-year postdoctoral fellowships to be carried out in a foreign country. HFSP invites applications for its two **international** postdoctoral programs:

**Long-Term Fellowships (LTF)** are for applicants with a Ph.D. in a **biological** discipline, who will broaden their expertise by proposing a project in the **life sciences** which is significantly different from their previous Ph.D. or postdoctoral work.

**Cross-Disciplinary Fellowships (CDF)** are for applicants with a Ph.D. from outside the life sciences (e.g. in **physics, chemistry, mathematics, engineering** or **computer sciences**), who have had limited exposure to biology during their previous training.

For more information: <http://www.hfsp.org/funding/postdoctoral-fellowships>

### ➤ John Templeton Foundation: Small Grants Program

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- **Deadline: LOI Submission August 31, 2017**
- **Grant Range: up to \$217,400**

The foundation funds projects in the sciences and other discovery-oriented disciplines to advance understanding of the Big Questions. The foundation defines major areas for its grant making. "Science and the Big Questions" is one focus area and supports innovative efforts to address the deepest questions



facing humankind.

For more information: <https://www.templeton.org/funding-areas/science-big-questions>

### ➤ **Julian Schwinger Foundation for Physics Research**

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- **Deadline:** Rolling for Declaration of Intent
- **Grant Range:** usually 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; and
- grants for undergraduate research projects

For more information: <http://www.physics.nus.edu.sg/~jsf/>

### ➤ **Mabel Louise Riley Foundation**

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- **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; 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/>

### ➤ **The Medical Foundation: Smith Family Awards Program for Excellence in Biomedical Research**

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- **Deadline:** July 11, 2017
- **Grant Range:** \$300,000 over a three year period
- **Requirement:** Limited submission, must be nominated by department head

This Award supports newly independent faculty engaged in **basic biomedical science**. Investigators in the physical sciences (**physics, chemistry** and **engineering**) with biomedical research projects are also encouraged to apply. Two applications from any School or College within a Massachusetts academic institution may be submitted.

For more information: <http://www.hria.org/tmfgrants/smith/>

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

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- **Deadline: September 19, 2017 (anticipated)**
- **Grant Range: \$150,000 over a two year period**

Grants support hypothesis-driven clinical, basic science, public health, health services research, and epidemiology projects focused on **child health**. Awards are made to newly independent faculty who are working at nonprofit academic, medical or research institutions in New England.

For more information: <http://www.hria.org/tmfservices/tmfservices/tmfgrants/hood.html>

### ➤ Microsoft Azure for Research Bi-monthly Award Program

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- **Deadline: 15<sup>th</sup> 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 compute resources for a period of up to one year.

For more information: <http://research.microsoft.com/en-US/projects/azure/awards.aspx>

### ➤ Paralyzed Veterans of America Research Foundation

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- **Deadline: Applications accepted May 1, 2017 – July 24, 2017**
- **Grant Range: \$75,000 to \$150,000**

The Foundation supports one or two-year grants at varying funding levels for the following types of projects:

- Basic Science: laboratory research in the basic sciences related to **spinal cord injury or disease**.
- Clinical Applications: clinical and functional studies of new or improved rehabilitative and assistance devices for individuals with **spinal cord dysfunction**.
- Design and Development: design and development of new or improved rehabilitative and assistive devices for individuals with **spinal cord dysfunction**.
- Post-doctoral Fellowships: Fellowships for postdoctoral students in basic science, clinical applications, or design and development intended to encourage training and specialization in the field of **spinal cord research**.

For more information:

[http://www.pva.org/site/c.ajlRK9NJLcJ2E/b.6305827/k.CF2A/Paralyzed\\_Veterans\\_of\\_America\\_Research\\_Foundation.htm](http://www.pva.org/site/c.ajlRK9NJLcJ2E/b.6305827/k.CF2A/Paralyzed_Veterans_of_America_Research_Foundation.htm)

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

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- **Deadline: Rolling for LOI**
- **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.

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

### ➤ **Russell Sage Foundation**

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- **Deadline:** August 21, 2017 for LOI
- **Grant Range:** \$150,000 over 2 years

The Russell Sage Foundation is the principal American foundation devoted exclusively to research in the **social sciences**. The Letter of Inquiry deadline is August 21, 2017 for the following programs: Race, Ethnicity & Immigration; Behavioral Economics; Integrating Biology & Social Science Knowledge; and Computational Social Science.

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

### ➤ **Simons Foundation: Simons Fellows in Mathematics**

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- **Deadline:** September 29, 2017 (anticipated)
- **Grant Range:** Up to 50% of the Fellow's current academic-year salary (max. \$100k) plus up to \$10k for expenses

A Simons Fellowship in Mathematics supports a research leave, defined as a continuous period of one or more academic semesters or quarters free from classroom teaching and academic administration. Fellowships may begin no earlier than July 1, 2017, and the foundation-supported portion of the leave must be completed by August 31, 2018.

For more information: <https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/simons-fellow-program/simons-fellows-in-mathematics-program-description/>

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

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- **Deadline:** Rolling for LOI
- **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/>

### ➤ **Simons Foundation: Autism Research Initiative (SFARI) Explorer Award**

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- **Deadline:** Rolling for LOI
- **Grant Range:** \$70,000 for one year; non-renewable

Simons Foundation Autism Research Initiative funds innovative research related to **autism spectrum disorder**, including studies on gene discovery, molecular mechanisms, circuits, anatomy, and cognition and behavior.

For more information: <https://sfari.org/funding/grants/explorer-awards-rfa>

#### ➤ **Spencer Foundation: Small Research Grants**

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- **Deadline: August 1, 2017 (also November 1, February 1 and May 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.

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

#### ➤ **Tufts Health Plan Foundation: Policy and Advocacy**

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- **Deadline: LOI due July 20, 2017**
- **Grant Range: \$25,000 to \$150,000**

The foundation provides grants to nonprofit organizations whose work considers healthy living with a focus on **healthy aging**. One aging framework used by the foundation is that of the World Health Organization Age-Friendly Cities initiative. Policy and Advocacy initiatives considered include:

- |  |   |
|--|---|
| • Built environment                        | • Employment                            |
| • Transportation                           | • Communication and information         |
| • Housing                                  | • Community support and health services |
| • Social & civic participation & inclusion |   |

For more information: <http://www.tuftshealthplanfoundation.org/grant-seekers.php?page=grant-seekers/how-to-apply>

#### ➤ **Wings for Life Spinal Cord Research Foundation: Individual and Project Research Grants**

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- **Deadline: September 1, 2017 (Executive summary); November 1, 2017 (Full application)**
- **Grant Range: approximately \$64,136 to \$225,024 (€57,000 to €200,000 EUR)**

**Basic and clinical research** projects may address all aspects of **spinal cord lesions, nerve regeneration, trophic support of injured neurons and functional changes induced by lesions** (preferentially in mammals). Proposals should have a view to translation from the laboratory to the clinical setting and have the potential to provide real benefits to human patients. Clinical research projects can be situated in the fields of diagnosis, acute lesion management (including surgery), neurology, urology, rehabilitation and other areas related to paraplegia.

For more information: <http://www.wingsforlife.com/en/latest/grant-application-479/>

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

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- **Deadline: Rolling**

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.

For more information: <http://www.wingsforlife.com/en/latest/grant-application-479/>

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### **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**