

WORCESTER POLYTECHNIC INSTITUTE

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Office of Foundation and Corporate Philanthropy

FUNDING OPPORTUNITIES: April – June 2018

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- Subject Area -

Click on an opportunity to see more detail:	Award Amount	Submission Deadline	Arts & Humanities	Biology & Biotechnology	Business	Chemistry	Computer Science	Engineering	Mathematics	Physics	Social Sciences
Alex's Lemonade Stand Foundation Childhood Cancer: 'A' Award	Up to \$1,000,000	5/22/2018		X		X		X			
Alex's Lemonade Stand Foundation Childhood Cancer: Psychosocial Grants	Up to \$100,000 to \$300,000	6/9/2018		X		X		X			
Alfred P. Sloan Foundation: Digital Information Technology	Up to \$1,000,000	Rolling LOI					X		X		X
Amazon: Machine Learning Research Awards	Up to \$100,000	Rolling					X	X			
American Cancer Society: Institutional Research Grants	\$270,000	4/2/2018		X		X		X			
American Cancer Society: Postdoctoral Fellowships	\$163,500	4/2/2018		X		X		X			
American Cancer Society: Research Scholar Grant	Up to \$729,000	4/2/2018		X		X		X			
American Diabetes Association: Core Research Program – Innovative Basic Sciences	Up to \$345,000	4/16/2018		X							
American Diabetes Association: Junior Faculty Development	Up to \$552,000	4/16/2018		X							
American Federation for Aging Research: The New Investigator Awards in Alzheimer's Disease	Up to \$50,000	4/13/2018		X							
American Psychological Foundation: David Wechsler Early Career Innovative Work in Cognition	Up to \$25,000	6/15/2018		X							X
American Legion Child Welfare Foundation	Up to \$50,000	May-July									X
Arnold and Mabel Beckman Foundation: Beckman Young Investigators (BYI) Award	\$750,000	June-Sept		X		X					
Avery Dennison Corporation	\$3,000 to \$158,000	Rolling	X	X		X	X	X	X	X	X
Boston Scientific Foundation: Health Grants *	\$60,000	4/1/2018		X		X	X	X	X	X	X
Brady Education Foundation (BEF): Existing Program Evaluation Grants	\$108,00 to \$365,000	4/1/2018									X
Brain & Behavior Research Foundation: NARSAD Distinguished Investigator Grant	\$100,000	June-July		X							
Brain Research Foundation: Annual Scientific Innovations Award *	\$150,000	6/28/2018		X							
Breast Cancer Alliance: Exceptional Project Grants *	\$100,000	4/6/2018		X							
The Brinson Foundation: Scientific Research	Average of \$53,000	Rolling LOI		X						X	
Carnegie Corporation of New York: Education Program	\$10,000 to \$1,700,000	Rolling LOI	X				X				X

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

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Foundation	Award Amount	Submission Deadline	Arts & Humanities	Biology & Biotechnology	Business	Chemistry	Computer Science	Engineering	Mathematics	Physics	Social Sciences
Charles Pankow Foundation: Research Grants	Varies	Rolling						X			
Cisco Systems	Varies	Rolling					X				
Comcast Innovation Fund	Up to \$150,000	Rolling					X				
Commonwealth Fund	\$215,944	Rolling LOI	X		X		X				X
Craig H. Neilsen Foundation: Spinal Cord Injury Research on the Translational Spectrum	\$150,000 to \$600,000	LOI 5/4/2018		X				X			
Elsa U. Pardee Foundation: Cancer Research	\$147,897 to \$225,000	4/30/2018		X		X		X			
Entertainment Software Association Foundation	\$50,000	5/15/2018					X				
Environmental Research & Education Foundation	\$32,000 to \$1M	6/1/2018						X			
Ford Foundation	\$100,000 plus	Rolling	X				X				X
Foundation for Food and Agriculture Research (FFAR): Seeding Solutions 2018	\$300,000 to 1,000,000	4/18/2018									
G. Harold & Leila Y. Mathers Charitable Foundation	Up to \$1,200,000	Rolling LOI		X							
Gladys Brooks Foundation	\$25,000 to \$300,000	5/31/2018	X								
The Gladys Krieble Delmas Foundation	\$25,000	Rolling	X								
Gruber Foundation: Rosalind Franklin Young Investigator Award	\$75,000	6/1/2018		X							
Health Foundation of Central Massachusetts: Activation Fund *	\$10,000 to \$100,000	LOI 4/5/2018		X				X			X
Julian Schwinger Foundation for Physics Research	\$50,000 to \$134,000	Rolling								X	
Knight Foundation: Quality Journalism, Media Innovation, Community Engagement & the Arts	Up to \$1,000,000	Rolling	X				X				X
Mabel Louise Riley Foundation	\$50,000 to \$100,000	4/1/2018	X								X
Microsoft: AI for Earth Grant	N/A	4/9/2018					X				
Microsoft: Genomics for Research	N/A	4/15/2018		X			X				
Misk Grand Challenges (MGC): Activating Global Citizenship	\$100,000	5/14/2018	X					X			X
Misk Grand Challenges (MGC): Education - Reinventing teaching and school leadership	\$100,000	5/14/2018	X				X				X
The Morton Cure Paralysis Fund	\$5,000 to \$75,000	4/30/2018		X							
Paralyzed Veterans of America: Education Foundation	\$75,000 to \$150,000	May-July		X				X			
RELX Group Environmental Challenge	\$50,000	5/1/2018						X			X

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Foundation	Award Amount	Submission Deadline	Arts & Humanities	Biology & Biotechnology	Business	Chemistry	Computer Science	Engineering	Mathematics	Physics	Social Sciences
Research Corporation for Science Advancement: Cottrell Scholar	\$100,000	5/1/2018				X				X	
Rita Allen Foundation: Civic Literacy and Engagement	\$25,000 to \$300,000	6/30/2018	X				X	X			X
Robert Wood Johnson Foundation: Evidence for Action	Varies	Rolling LOI			X		X				X
Robert Wood Johnson Foundation: Pioneering Ideas Brief Proposal	Varies	Rolling			X		X				X
Russell Sage Foundation: Behavioral Economics	\$150,000	5/24/2018	X		X						X
Russell Sage Foundation: Race, Ethnicity, and Immigration	\$150,000	5/24/2018	X		X						X
Samuel H. Kress Foundation: Digital Resources for History of Art	\$5,000 to \$99,000	4/1/2018	X				X				
Samuel H. Kress Foundation: History of Art Grants Program	\$3,000 to \$120,000	4/1/2018	X								
Simons Foundation Autism Research Initiative (SFARI): Explorer	\$80,000	Rolling LOI		X							
Simons Foundation: Targeted Grants for Mathematics and Physical Sciences (MPS)	Varies	Rolling LOI							X	X	
Spencer Foundation: Small Research Grants	\$50,000 or less	5/1/2018	X								X
Susan G. Komen – Career Catalyst Research (CCR) Grants	\$450,000	6/7/2018		X		X		X			
Thome Memorial Foundation Awards Program: Age-Related Macular Degeneration Research	\$500,000	6/1/2018		X							
Toyota USA Foundation Grants	\$50,000	Rolling		X				X	X		X
VentureWell BMEidea (Lemelson Foundation) *	Up to \$10,000	4/4/2018					X	X			
VentureWell E-Team Program (Lemelson Foundation)	Up to \$25,000	5/2/2018			X		X	X			
Whitehall Foundation: Research Grant-in-Aid	\$30,000	LOI 4/15/2018		X							
Whitehall Foundation: Research Grants	Up to \$225,000	LOI 4/15/2018		X							
W.T. Grant Foundation: Research Grants	\$100,000 to \$1,000,000	5/2/2018		X							X
W.T. Grant Foundation: Scholar Awards *	\$350,000	April-July		X							X

Please contact Janet Pane-Joyce, Dir. Foundation & Corp Philanthropy at 508-831-5345 or jpanejoyce@wpi.edu if you have any questions or before approaching a foundation. Updated: 3/1/2018

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

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

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➤ **Alex's Lemonade Stand Foundation (ALSF) for Childhood Cancer: 'A' Award**

- **Deadline: May 22, 2018 (anticipated)**
- **Grant Range: up to \$1,000,000 over 5 years**

The 'A' Award is a four-year grant designed for the early independent career scientist who wants to establish a career in pediatric oncology research. The ideal applicant has an original project that is not currently being funded. Demonstration of a future commitment to pediatric cancer investigation, as well as institutional support for the career development of the investigator, are critical components of a successful application. A career development plan should be outlined; inclusion of a mentoring plan for at least the first 1-2 years of support is strongly encouraged.

For more information: https://www.alexslimonade.org/sites/default/files/2017_a-award_guidelines_final.pdf

➤ **Alex's Lemonade Stand Foundation (ALSF) for Childhood Cancer: Psychosocial Grants**

- **Deadline: June 9, 2018 (anticipated)**
- **Grant Range: up to \$100,000 to \$300,000 over 2 to 3 years**

ALSF offers two different Psychosocial Grant opportunities:

Launch Grants are designed for early career researchers within 7 years of receiving their terminal degree/completing formal training. Funding will support studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. Demonstration of outstanding mentorship and a career plan that shows commitment to pediatric cancer investigation are important components of a successful application. Maximum \$50,000 per year for two 2 years will be awarded to applicants.

Family Impact Grants are designed for established investigators. Funding will support studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. These grants are designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer and whose proposals will have clinically significant impact. Award amount is a maximum of \$100,000 per year for 3 years.

For more information:

https://www.alexslimonade.org/sites/default/files/2017_loi_psychosocial_guidelines.final.pdf

➤ Alfred P. Sloan Foundation: Digital Information Technology

- **Deadline:** Rolling for letter of inquiry
- **Grant Range:** In 2017, 31 grants in Digital Technology ranged from \$7K to \$1M

Sloan's three programs in Digital Technology (below) explore how the internet and computing technology are creating new opportunities to empower the scientific enterprise and expand the public's access to knowledge.

Data and Computational Research

Scholarly Communication

Universal Access to Knowledge

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** aim at supporting work force training and curricular initiatives as well as targeted adoption of new technologies by specific communities;
- **Research grants** bring historical, ethnographic, and economic research methods to bear on our understanding of scholarly activities in a changing technological context;
- **Community grants** build networks for knowledge exchange across disciplines as well as institutions that serve to incubate sustainable research and software projects.

Interested scholars should submit a letter of inquiry of no more than two pages to program director Joshua M. Greenberg.

For more information: <https://sloan.org/programs/digital-technology>

➤ Amazon: Machine Learning Research Awards

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

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

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

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

➤ American Cancer Society: Institutional Research Grants

- **Deadline:** April 2, 2018
- **Grant Range:** average \$270,000 over 3 years

Institutional Research Grants are block grants averaging \$90,000 per year for three years given to institutions as "seed money" for the initiation of projects by promising junior investigators. Applications are accepted through ProposalCENTRAL.

For more information: <https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/institutional-research-grants.html>

➤ American Cancer Society: Postdoctoral Fellowships

- **Deadline:** April 2, 2018
- **Grant Range:** \$163,500 incl progressive stipends of \$48K, \$50K & \$52K/yr plus fellowship allowance

This award is to support the training of researchers who have received a doctoral degree to provide initial funding leading to an independent career in cancer research (including basic, preclinical, clinical, cancer control, psychosocial, behavioral, epidemiology, health services and health policy research). Applications are accepted through ProposalCENTRAL.

For more information: <https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/postdoctoral-fellowships.html>

➤ American Cancer Society: Research Scholar Grants

- **Deadline:** April 2, 2018
- **Grant Range:** up to \$729,00 over 4 years, including 20% allowable indirect costs

The Research Scholar Grant (RSG) supports investigator-initiated projects across the cancer research continuum. Independent investigators in the first 6 years of an independent research career or faculty appointment are eligible to apply. Applications are accepted through ProposalCENTRAL.

For more information: <https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/research-scholar-grants.html>

➤ American Diabetes Association: Core Research Program – Innovative Basic Sciences

- **Deadline:** April 16, 2018
- **Grant Range:** up to \$345,000 over 3 years

These awards support basic research with novel and innovative hypotheses in any area relevant to the etiology or pathophysiology of diabetes and its complications that holds significant promise for advancing the prevention, cure, or treatment of diabetes. Applications proposing high-risk projects with the potential for high-impact results are encouraged, as are studies that may not be sufficiently developed for traditional funding sources.

For more information: <https://professional.diabetes.org/meetings/core-program>

➤ **American Diabetes Association: Junior Faculty Development**

- **Deadline: April 16, 2018**
- **Grant Range: up to \$552,000 over 2-4 years, plus optional student loan repayment (\$10K/year)**

These awards support early investigators as they establish independence as diabetes researchers. Eligible applicants must be full-time independent faculty with less than 10 years of research experience since their terminal degree who do not have previous or current NIH support (R00, R01, U01 or equivalent). Applicants may not hold concurrent awards of similar intent (NIH K awards, foundation or non-profit career development awards), however they can have completed previous NIH K or other career development funding. Applicants must dedicate at least 75% total effort to research activities.

Awards are up to \$138,000 per year for up to four years including indirect costs. PI's salary support cannot exceed \$75,000 per year. Additionally, applicants can request up to \$10,000 per year towards the repayment of the principal on loans for a doctoral degree (MD, PhD, PharmD, DPM or DO).

For more information: <https://professional.diabetes.org/meetings/core-program>

➤ **American Federation for Aging Research: The New Investigator Awards in Alzheimer's Disease**

- **Deadline: April 13, 2018 for Letters of Intent**
- **Grant Range: up to \$50K over 1 to 2 years; a 1:1 match is required by the applicant's institution**

The major goal of this program is to support important research to improve the prevention, diagnosis, and treatment of Alzheimer's disease. The program also serves to encourage junior investigators in the United States and Israel to pursue research and academic careers in the neurosciences, Alzheimer's disease and healthy brain aging in particular. Applicants must be no more than 10 years beyond start of postdoctoral research training as of October 1, 2018.

The program will fund applications in basic, translational, and clinical research related to Alzheimer's disease and healthy brain aging. Research that shows high promise for translating basic biomedical knowledge to prevention or new treatments is of particular interest.

For more information: <https://www.afar.org/research/funding/new-investigator-awards/>

➤ **American Psychological Foundation: David Wechsler Early Career Innovative Work in Cognition**

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

The David Wechsler Early Career Grant for Innovative Work in Cognition supports early career psychologists pursuing innovative work in neuropsychology, intelligence and/or the assessment aspects of cognition. Those who work on positive applied neuropsychology are encouraged to apply.

For more information: <http://www.apa.org/apf/funding/wechsler.aspx?tab=1>

➤ American Legion Child Welfare Foundation

- **Deadline: Applications Open May 1 through July 15, 2018**
- **Grant Range: up to \$50,000**

The Foundation's two basic purposes:

- To contribute to the physical, mental, emotional and spiritual welfare of children through the dissemination of knowledge about new and innovative organizations and/or their programs designed to benefit youth; and
- To contribute to the physical, mental, emotional and spiritual welfare of children through the dissemination of knowledge already possessed by well-established organizations, to the end that such information can be more adequately used by society.

For more information: <http://www.cwf-inc.org/grantseekers/submissionprocess>

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

- **Deadline: Letter of Intent accepted June – September**
- **Grant Range: \$750,000 for 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. Tenure Track Start Date for the 2019 program must be **after: 8/15/2015**.

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

➤ Avery Dennison Foundation

- **Deadline: Rolling; decisions on a quarterly basis**
- **Grant Range: not specified; 2015 range of \$3K - \$158K**

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

Educational Grant Criteria:

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

Sustainable Grant Criteria:

- Provide direct support for projects that address environmental resources and contribute to the social, environmental and economic wellbeing of communities..
- Educate community members about responsible care of the environment, particularly as it relates to

the manufacturing industry. Examples include energy and water conservation, waste reduction, recycling, responsible forestry, sustainable packaging, product safety and resource conservation.

Women's Empowerment Grant Criteria:

- Provide direct services to address female gender equality, equity and improved quality of life for women.
- Authentic involvement of women and/or community members in the project's design and implementation.

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

➤ **Boston Scientific Foundation**

- **Deadline: April 1, 2018 for Health Grants; Sept 1, 2018 for Education Grants**
- **Grant Range: past giving under \$60,000**

Limited Submission

Only one application from WPI per 12-month period. Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

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: Programs that aim to improve the health of those who are economically disadvantaged, with a focus on cancer, respiratory, cardiovascular, neurological, diabetes, gastrointestinal and urologic diseases and disorders through:

- Disease prevention
- Disease awareness and diagnosis
- Access to care
- Quality of care

Grants to benefit economically disadvantaged populations in health programs are defined as programs with:

- Minimum of 50% of program participants uninsured/underinsured at 200% of poverty or lower OR
- Funding directed to participants at 200% of poverty or lower

Currently not accepting grant requests for dental health, mental health, legal support/advocacy for healthcare coverage, care for the caregivers and homeopathic care.

Education: Programs focused on improving educational opportunities and academic development for those who are economically disadvantaged. 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.

Grants to benefit economically disadvantaged in education programs is defined as programs with

- Minimum of 50% of program participants at 185% of poverty or lower OR
- Funding directed to participants at 185% of poverty or lower

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

➤ **Brady Education Foundation (BEF): Existing Program Evaluation Grants**

- **Deadline: April 1, 2018 for Stage 1 Application**
- **Grant Range: posted evaluation grant awards range from \$108K/one year to \$365K/three years**

The primary goal of BEF Existing Program Evaluations is to evaluate the effectiveness of programs designed to promote positive cognitive and/or achievement outcomes for children (birth through 18 years) from underserved groups and/or low-resources communities (minority ethnic groups, low-income families).

For more information: <http://www.bradyeducationfoundation.org/applicationguidelines.html>

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

- **Deadline: Applications Open Annually June – July (anticipated July 19, 2018)**
- **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>

➤ **Brain Research Foundation: Annual Scientific Innovations Award**

- **Deadline: June 28, 2018 (anticipated)**
- **Grant Range: \$150,000 over two years**

Limited Submission

Brain Research Foundation has invited WPI to nominate one senior faculty member (Associate and Full Professor) to submit a Letter of Intent for the Scientific Innovations Award (SIA). Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

Brain Research Foundation's Scientific Innovations Award Program provides funding for innovative science in both basic and clinical neuroscience. This funding mechanism is designed to support creative, exploratory, cutting edge research in well-established research laboratories, under the direction of established investigators.

This funding opportunity is for projects that may be too innovative and speculative for traditional funding sources but still have a high likelihood of producing important findings in a very short timeframe. It is expected that investigations supported by these grants will yield high impact findings and result in major grant applications and significant publications in high impact journals.

For more information: <https://www.thebrf.org/for-researchers/scientific-innovations-award-2/>

➤ **Breast Cancer Alliance: Exceptional Project Grants**

- **Deadline:** April 6, 2018 for Letter of Intent
- **Grant Range:** \$100,000 for one year

Limited Submission

Each institution may submit only 3 LOIs; contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

The Breast Cancer Alliance invites clinical doctors and research scientists at any stage of their careers whose primary focus is breast cancer to apply for an Exceptional Project Grant. The award recognizes creative, unique and innovative research.

For more information: <http://breastcanceralliance.org/grants-2/>

➤ **The Brinson Foundation: Scientific Research**

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

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

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

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

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

The Carnegie Foundation Education Program has five Focus Areas:

- **Leadership & Teaching to Advance Learning:** For improving systems of preparing, recruiting, and developing teachers and education leaders to serve the needs of diverse learners.
- **New Designs to Advance Learning:** For developing whole school models that provide more effective learning environments for diverse learners.
- **Public Education:** For supporting research on strategies that can drive parent and family engagement in education.
- **Pathways to Postsecondary Success:** For improving alignment in student learning expectations between K-12 and postsecondary education.
- **Integration, Learning & Innovation:** For advancing integrated approaches across the Corporation's portfolios and the field that enable greater collaboration, coherence, and dynamism.

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

➤ Charles Pankow Foundation Research Grants

- **Deadline:** Rolling
- **Grant Range:** In 2015, grants ranged from \$2K to \$125K

The 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.

- High Strength Steel Reinforcing Bar
- Performance-Based Seismic Design of Tall Buildings
- Structural Optimization of Timber Design and Construction
- Integrated Project Delivery 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

- **Deadline:** NO deadlines; proposals are reviewed on a rolling basis
- **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.

For open RFP's, scroll to the bottom of: <http://research.cisco.com/research-programs.html#rfp-2015092>

➤ Comcast Innovation Fund

- **Deadline:** Rolling
- **Grant Range:** up to \$150,000; one-year projects only

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.

The fund offers General Research Grants, Targeted Open Source Development Grants, and Targeted Research Grants. Particular focus is on projects that:

- Address critical cybersecurity threats
- Support the deployment and adoption of IPv6 and other advanced Internet standards
- Strengthen (or create) important open-source projects

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

➤ **Commonwealth Fund**

- **Deadline: Rolling LOI**
- **Grant Range: Board-level median \$215,944**

The Fund supports independent research on health and social issues and makes grants to improve health care practice and policy. 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 & State Health Policy
- International Health Policy & Practice Innovations
- Controlling Health Care Costs

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

➤ **Craig H. Neilsen Foundation: Spinal Cord Injury Research on the Translational Spectrum**

- **Deadline for LOI: May 4, 2018**
- **Grant Range: \$150,000 - \$600,000**

Spinal Cord Injury Research on the Translational Spectrum supports research designed to improve understanding and advance the treatment of acute and chronic SCI and to fill gaps in the field, including mechanistic, preclinical, translational, and/or clinical studies. Funding categories include postdoctoral fellowships, pilot research grants, and senior research grants.

For more information: <http://chnfoundation.org/how-to-apply/>

➤ **Elsa U. Pardee Foundation: Cancer Research**

- **Deadline: Three application cycles each year with deadlines on April 30, August 31 and December 31**
- **Grant Range: no limit; in 2015 range of \$147,897 to \$225,000 for one year**

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

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

➤ **Entertainment Software Association Foundation (ESAF)**

- **Deadline: May 15, 2018 (anticipated)**
- **Grant Range \$50,000**

The ESA Foundation is dedicated to supporting positive programs and opportunities that make a difference in the lives of America's youth. The Foundation seeks to harness the collective power of the interactive entertainment industry to create positive social impact in our communities. We support geographically diverse projects and programs that benefit American boys and girls of all races and religions.

For more information: <http://www.esafoundation.org/application.asp>

➤ **Environmental Research & Education Foundation**

- **Deadline:** two deadlines per year for pre-proposals: January 6 and June 1
- **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/>

➤ **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
- Creativity and Free Expression
- 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**

- **Deadline:** Rolling for Initial Queries
- **Grant Range:** up to \$1,200,000

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

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

➤ Gladys Brooks Foundation

- **Deadline: May 31, 2018**
- **Grant Range: in 2017, the foundation made 18 grant awards ranging from \$25K to \$300K**

The Gladys Brooks Foundation concentrates its grants to support non-profit **libraries, educational institutions**, hospitals, and clinics.

Grant applications generally will be considered where:

- outside funding is not available;
- the project will be largely funded by the grant, unless the grant request covers a discrete component of a larger project, and
- the funds will be used for **capital projects**, including equipment or endowments.

For more information: <http://www.gladysbrooksfoundation.org/guidelines.html>

➤ The Gladys Krieble Delmas Foundation

- **Deadline: Rolling**
- **Grant Range: Typically under \$25,000**

Humanities Program

Programs in the following areas are eligible: history; archaeology; literature; languages, both classical and modern; philosophy; ethics; comparative religion; the history, criticism, and theory of the arts; and those aspects of the social sciences which share the content and methods of humanistic disciplines. The Foundation welcomes projects that cross the boundaries between humanistic disciplines and explore the connection between the humanities and other areas of scholarship.

Research Libraries Program

The overall objective of the Research Libraries Program is to improve the ability of research libraries to serve the needs of scholarship in the humanities and the performing arts, and to help make their resources more widely accessible to scholars and the general public. Small-scale digitizing is eligible for support when the process is part of a clearly defined and timely scholarly project that incorporates recognized standards for metadata production, for preservation, and for distribution.

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

➤ Gruber Foundation: Rosalind Franklin Young Investigator Award

- **Deadline: June 1, 2018 (anticipated)**
- **Grant Range: \$75,000 over 3 years**

In recognition of the groundbreaking contributions of Dr. Rosalind Franklin, the Rosalind Franklin Young Investigator Award for research in genetics is intended to inspire and support new generations of women in our field. The awards are made to women in the first one to three years of an independent faculty-level position whose work displays originality and scientific creativity leading to new discoveries. Women may nominate themselves or be nominated by a colleague, mentor, or department. Every three years, two women are chosen to receive the Rosalind Franklin Award, and each awardee receives

\$75,000 over three years (\$25,000 per year). One award funds genetics research in human and non-human mammals, and another award funds genetics research in model organisms.

For more information: <http://www.genetics-gsa.org/awards/rosalind.shtml>

➤ **Health Foundation of Central Massachusetts: Activation Fund**

- **Deadline for LOI: April 5, 2018**
- **Grant Range: \$10,000 to \$100,000; in 2015, the average grant size was \$71,000**

Limited Submission

Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

Envisioned somewhat as a venture capital fund, this funding avenue is intended to support discrete projects in Central Massachusetts that activate:

- Creative and innovative approaches to alleviating community health concerns;
- Community organizations' movement to the next level of capacity and effectiveness, which the organization can sustain;
- Partnerships to address health issues with new strategies;
- And/or the exploration of emerging health challenges and opportunities.

For more information: <https://www.hfcm.org/The-Activation-Fund-Guidelines/135>

➤ **Julian Schwinger Foundation for Physics Research**

- **Deadline: Rolling**
- **Grant Range: in 2017, the foundation awarded 6 grants ranging from \$50,000 - \$134,600**

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

The application procedure begins with submitting a short Declaration of Intent online at any time.

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

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

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

The Knight Foundation supports transformational ideas that promote quality journalism, advance media innovation, engage communities and foster the arts. The foundation believes that democracy thrives when people and communities are informed and engaged. To learn more about the type of work the foundation funds, please visit their website at: <http://www.knightfoundation.org>.

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

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

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

➤ **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 focuses on the city of Boston and vicinity, with occasional support for projects in other areas of Massachusetts. ☞ 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, including job development and training, and housing. ☞ Citywide efforts in Boston and vicinity that promote cultural improvements and the arts. ☞ Grants that, despite some risk, offer a potential of high impact or significant benefits for a community. The Foundation is especially interested in leveraging its grants by funding new programs that can become self-sufficient or which may serve as a model in other geographic areas.

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

➤ Microsoft: AI for Earth Grant

- **Deadline: April 9, 2018**

In collaboration with Esri's outreach team, the Microsoft AI for Earth program awards advanced Microsoft Azure cloud computing resources and powerful Esri GIS tools to individuals and organizations working on environmental and conservation programs aimed towards transforming the way we are currently managing complex environmental challenges.

These awards are intended to drive exploration and discovery by providing innovative data science, spatial analysis, and visualization tools to organizations that are focused on finding solutions to climate change, loss of biodiversity, agricultural cost and yield, and increased water scarcity. Learn more about environmental sustainability at Microsoft.

For more information: <https://www.microsoft.com/en-us/research/academic-program/azure-research-award-ai-earth/>

➤ Microsoft: Genomics for Research

- **Deadline: April 15, 2018**

The Microsoft Genomics for Research program awards Microsoft Azure cloud computing resources to researchers interested in testing and developing their own next-generation sequencing (NGS) pipelines using the Microsoft Genomics service. Microsoft Genomics is an easy-to-use, scalable cloud service for secondary analysis of genomes. The service is an optimized version of the Broad Institute's best practices pipeline, BWA-GATK. Learn more about it at microsoft.com/genomics.

These awards are intended to drive exploration and discovery by providing an easy-to-use service for secondary analysis of genomes. Outputs can be easily integrated to external tertiary analysis tools, such as Microsoft R Server on HDInsight.

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

➤ Misk Grand Challenges (MGC): Activating Global Citizenship

- **Deadlines: May 14, 2018**
- **Grant Range: \$100,000**

MGC is seeking innovators to devise and demonstrate ways to positively engage young people (under the age of 30) in Global Citizenship at scale and in depth. A young person's personal interaction with a social cause can easily turn into lifelong commitment. Youth who have had positive experiences in contributing to, for example, the struggle to end disease, tackle gender inequality or educate young people, close at hand, are likely to make sustained contributions to that cause. Flying young people around the world to see first-hand different challenges facing different groups achieves deep engagement, but is not scalable. At the other end of the spectrum is engagement that requires little effort but has little lasting impact on the person involved. This engagement has scale, but not depth.

This challenge is about testing and implementing concepts and strategies to engage young people in efforts that will reduce inequality related to the first six Global Goals:

- **Goal 1:** No poverty
- **Goal 2:** Zero hunger
- **Goal 3:** Good health and well-being
- **Goal 4:** Quality education
- **Goal 5:** Gender equality
- **Goal 6:** Clean water and sanitation

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.

For more information: <http://miskgrandchallenges.org/global-citizenship-challenge.html>

➤ **Misk Grand Challenges (MGC): Education - Reinventing teaching and school leadership**

- **Deadlines:** May 14, 2018
- **Grant Range:** \$100,000

MGC is looking for new innovative ideas that transform teaching or school leadership to better prepare children with the 21st century skills they need to succeed in the future. Modern 21st century skills, such as problem solving, leadership, creativity, and adaptability, require a new active, student-centered system for learning. MGC seeks ideas that better prepare teachers and school leaders to drive this new active 21st century system for learning.

MGC is looking for new ideas that may just be in an ideation stage or may have been tested in a small scale already, but require up to US\$100,000 to demonstrate their theory of change and potential for impact. Proposals that are selected to receive an initial funding of US\$100,000 and go on to demonstrate success will receive further funding to scale up and impact lives across the world.

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.

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

➤ **The Morton Cure Paralysis Fund**

- **Deadlines:** April 30 and October 31
- **Grant Range:** \$5K - \$75K

The Morton Cure Paralysis Fund (MCPF) is committed to developing effective therapies (cures) for paralysis associated with spinal cord injury and other disorders of the central nervous system. MCPF supports cutting-edge ideas, enabling researchers to gather the proof-of-concept data needed to pursue multimillion-dollar grants from large financiers such as the National Institutes of Health (NIH), the Christopher Reeve Foundation, and the National Science Foundation. We also place emphasis on collaborative efforts.

It is assumed that MCPF will not be the sole support for any project. Additional sources of funding, both granted and potential, must be listed.

For more information: <http://www.mcpc.org/Pages/Resources.aspx>

➤ **Paralyzed Veterans of America Research Foundation**

- **Deadline:** Applications accepted May 1, 2018 – July 24, 2018
- **Grant Range:** \$75,000 to \$150,000 for 2 years

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: <https://www.pva.org/research-foundation>

➤ **RELX Group Environmental Challenge**

- **Deadline:** May 1, 2018 (anticipated)
- **Grant Range:** \$50,000 prize for 1st place entry; \$25,000 prize for second place entry

Each year the RELX Group Environmental Challenge is awarded to projects that best demonstrate how they can provide sustainable access to safe water or sanitation. Projects must have clear practical applicability, address identified need and advance related issues such as health, education, or human rights.

The RELX Group Environmental Challenge is open to individuals or organizations operating in the not-for-profit and for-profit sectors. Projects must advance sustainable access to safe water where it is presently at risk and/or access to improved sanitation, and include the following criteria:

- Be replicable, scalable and sustainable. and set a benchmark for innovation
- Have practical applicability
- Address non-discrimination/equity of access
- Involve and impact a range of stakeholders
- Have local/community-level engagement

For more information: <http://www.relx.com/corporate-responsibility/engaging-others/relx-group-environmental-challenge>

➤ Research Corporation for Science Advancement: Cottrell Scholars

- **Deadline for Pre-Proposal: May 1, 2018**
- **Grant Range: \$100,000 over 3 years**

The Cottrell Scholar Award develops outstanding **teacher-scholars** who are recognized by their scientific communities for the quality and innovation of their research programs *and* their academic leadership skills.

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. For the 2017 proposal cycle, **eligibility is limited to faculty members who started their first tenure-track appointment anytime in calendar year 2015.**

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

➤ Rita Allen Foundation: Civic Literacy and Engagement

- **Deadline: Open periods for LOIs: December 1 to January 15; May 15 to June 30**
- **Grant Range: 2017 grants ranged from \$25,000 to \$300,000**

The Rita Allen Foundation's investments include innovative approaches to strengthening civic engagement in the United States through new technology, information, and tools for citizens. Supported projects are nonpartisan, encouraging an informed and vibrant democracy without promoting particular political parties or policies. The Foundation accepts unsolicited Letters of Inquiry (LOIs) twice each year during limited review periods and invites a very small number of organizations submitting LOIs to submit full proposals for further consideration. The Foundation gives priority to organizations working on early-stage, innovative, collaborative projects within its grant-making domains.

For more information: <http://ritaallen.org/apply/>

➤ Robert Wood Johnson Foundation: Evidence for Action

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

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

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

➤ Robert Wood Johnson Foundation: Pioneering Ideas Brief Proposal

- **Deadline:** Rolling
- **Grant Range:** no explicit range

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

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

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

➤ Russell Sage Foundation: Behavioral Economics

- **Deadline for LOI:** May 24, 2018 and August 20, 2018
- **Grant Range:** up to \$150,000 over 2 years

The Russell Sage Foundation's program on Behavioral Economics supports innovative research that uses behavioral insights from psychology and other social sciences to examine and improve social and living conditions in the United States. The foundation seeks investigator-initiated research proposals that will broaden understanding of the social, economic, and political consequences of real-life behaviors and decisions that deviate from the neoclassical economic standards of rationality. The foundation is especially interested in behavioral economics research that contributes to understanding of topics of interest under its other programs—[Future of Work](#); [Race, Ethnicity and Immigration](#); [Social Inequality](#).

For more information: <http://www.russellsage.org/research/funding/behavioral-economics>

➤ Russell Sage Foundation: Race, Ethnicity, and Immigration

- **Deadline for LOI:** May 24, 2018
- **Grant Range:** up to \$150,000

The Russell Sage Foundation launched its program on Race, Ethnicity, and Immigration in the spring of 2015. This program seeks investigator-initiated research proposals on the social, economic, and political effects of the changing racial and ethnic composition of the U.S. population, including the transformation of communities and ideas about what it means to be American. The foundation is especially interested in innovative research that examines the roles of race, ethnicity, nativity, and legal status in outcomes for immigrants, U.S.-born racial and ethnic minorities, and native-born whites.

For more information: <https://www.russellsage.org/research/funding/race-ethnicity-immigration>

➤ Samuel H. Kress Foundation: Digital Resources for the History of Art

- **Deadline:** April 1, 2018 (also October 1)
- **Grant Range:** not specified; in 2016, 22 grants were awarded, ranging from \$5K to \$99K

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

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

➤ Samuel H. Kress Foundation - History of Art Grant Program

- **Deadline:** April 1, 2018 (also October 1 and January 15th)
- **Grant Range:** in 2016, awards ranged from \$3K to \$120K

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

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

➤ Simons Foundation Autism Research Initiative (SFARI) Explorer Award

- **Deadline:** Rolling for LOI
- **Grant Range:** \$80,000 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. Investigators who are **new to the field of autism**, but who have expertise that could be brought to bear on this complex disorder, are especially encouraged to apply.

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

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

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

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/>

➤ **Spencer Foundation – Small Research Grants**

- **Deadline:** May 1, 2018 (also August 1, November 1, and February 1, 2019)
- **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 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>

➤ **Susan G. Komen – Career Catalyst Research (CCR) Grants**

- **Deadline:** June 7, 2018 for LOI (anticipated)
- **Grant Range:** \$450,000 combined direct and indirect costs for up to 3 years

CCR Grants provide unique opportunities for scientists who have held faculty positions for **no more than five years** by the Application due date (anticipated to be September 6, 2018). CCR grants provide support for hypothesis-driven research projects that will lead to a reduction in breast cancer deaths by 2026.

For more information: <https://ww5.komen.org/ResearchGrants/FundingOpportunities.html>

➤ **Thome Memorial Foundation Awards Program: Age-Related Macular Degeneration Research**

- **Deadline:** June 1, 2018 (anticipated)
- **Grant Range:** \$500,000 over two years

Successful research proposals will extend recent basic research findings regarding the underlying mechanisms of AMD. Examples of funding areas include, but are not limited to, genetically engineered animal models, the discovery and testing of small molecule therapies directed at promising targets including immune-, inflammation-, or lipid-related pathways associated with AMD, local drug delivery systems, and neuroprotective strategies. Basic research and clinical trials are outside the scope of this Program. However, clinical studies that involve the evaluation of new imaging modalities with no potential risks to human subjects are eligible.

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

➤ 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

➤ VentureWell BMEidea (Lemelson Foundation)

- **Deadline:** April 4, 2018
- **Grant Range:** up to \$10,000

Limited Submission

There is a limit of one entry per department and up to three entries per institution. Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

BMEidea challenges graduate and undergraduate students to pioneer a health-related technology that addresses a real clinical need. Competition entries are judged on:

- Technical, economic and regulatory feasibility
- Contribution to human health and quality of life
- Technological innovation
- Potential for commercialization

All prizes are awarded as unrestricted gifts to the winners' universities. Funds are disbursed to each of the winning teams' departments to be allocated at the discretion of the Faculty Advisor.

For more information: <https://venturewell.org/bmeidea/>

➤ VentureWell E-Team Program (Lemelson Foundation)

- **Deadline:** May 2, 2018 (also October 4, 2018)
- **Grant Range:** up to \$25,000

VentureWell defines an E-Team as a multidisciplinary group of students, working with a faculty mentor, to bring a technology-based invention (product or service) to market. The "E" stands for entrepreneurship. The E-Team Program is an integrated program of grant funding, training, coaching, and investment. The mission: to give student teams the best possible chance to move technologies out of the lab or classroom and into the marketplace. E-Teams selected to participate will have the opportunity to secure up to \$25,000 in grant funding, attend required workshops (Stage 1 and Stage 2), and receive coaching from VentureWell. Grant funds are awarded to the applying team's institution.

For more information: <https://venturewell.org/student-grants/guidelines-stage-1/>

➤ Whitehall Foundation: Research Grant-in-Aid

- Deadlines for LOI: January 15, April 15, October 1
- Grant Range: up to \$30,000 over 1 year

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

The 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.

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

➤ Whitehall Foundation - Research Grants

- Deadline: LOI April 15, 2017 (also October 1, 2017 and January 15, 2018)
- Grant Range: up to \$225,000 over 3 years

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

Research grants are available to established scientists who have not received, or do not expect to receive, substantial support from other sources, even if it is for an unrelated purpose.

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

➤ W.T. Grant Foundation: Research Grants

- Deadlines: May 2, 2018 and August 1, 2018 for letters of inquiry
- Grant Range: \$100,000 to \$1,000,000 over 2 to 4 years.

Since its founding in 1936, the William T. Grant Foundation has worked to further the understanding of human behavior through research. Today, the foundation supports high-quality research that is relevant to policies and practices that affect the lives of young people ages 5 to 25 in the United States. The foundation funds research that increases understanding in one of our two focus areas:

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.

The foundation seeks research that builds stronger theory and empirical evidence in these two areas. The foundation intends for the research we support to inform change. While the foundation does not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

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

➤ W.T. Grant Foundation: Scholar Awards

- **Deadlines:** Online application is open April 23; all applications must be received by July 5, 2018
- **Grant Range:** \$350,000 over 5 years.

Limited Submission

Applicants must be nominated by their institutions. Major divisions (e.g., College of Arts and Sciences, Medical School) of an institution may nominate only one applicant each year. Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

The William T. Grant Scholars Program supports career development for promising early-career researchers who are within seven years of receiving their terminal degree. The program funds five-year research and mentoring plans that significantly expand junior researchers' expertise in new disciplines, methods, and content areas. The foundation recognizes that early-career researchers are rarely given incentives or support to take such risks, so this award includes a mentoring component, as well as an emphasis on community and collaboration.

Scholars Program applicants should have a track record of conducting high-quality research and an interest in pursuing a significant shift in their trajectories as researchers. Proposed research plans must address questions of policy and practice that are relevant to the foundation's focus areas:

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.

For more information: <http://wtgrantfoundation.org/grants/william-t-grant-scholars-program>

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**