

Funding Bulletin

October 23rd, 2015 (Vol. 3, No. 2)

Funding Information

To receive funding information, please contact funding@wichita.edu.

NOTICE – Notification for the current Funding Bulletin is sent via email. To be added to the electronic mailing list, send an email message to: funding@wichita.edu. Leave the subject line blank. In the message area, type: *sub funding bulletin*. To unsubscribe, type: *unsub funding bulletin*.

The selected compilation of funding opportunities is provided by RTT's Pre-Award Services as a resource for Wichita State University Researchers. We encourage you to utilize the campus subscription to PIVOT to find funding opportunities specifically tailored to your research area based on keywords you provide. PIVOT is easy to use and offers other valuable services that are helpful to researchers. Access is available at: <http://pivot.cos.com/home/index> or you may contact funding@wichita.edu to have a custom search ran.

Click on the links below to go directly to the named section included in this edition's bulletin

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How to Apply

Proposal development requests should be sent to proposals@wichita.edu. Please click on the following link for information regarding proposal submission at WSU:

<http://webs.wichita.edu/?u=WSURESEARCHADMIN&p=/Proposals/PreAwardServices/>

Let us know you found it in the RTT Funding Bulletin!!

NOTICES / UPCOMING EVENTS

Excellence Awards Call for Nominations

WSU's Office of Research is currently accepting nominations for three excellence awards **1) Excellence in Creative Activity Award, 2) Award for Community Research, and 3) Excellence in Research Award.** Nominations are due by Friday, December 4th, 2015. For questions regarding this Call for Nominations, please contact Karen Davis by phone at 978-6808 or by email at proposals@wichita.edu.

NIH and AHRQ Plan changes for 2016 Grant Applications

The National Institutes of Health (NIH) and Agency for Healthcare Research and Quality (AHRQ) have announced a number of planned changes to policies, forms and instructions for grant applications submitted in 2016. These revisions are to take place in two phases, with some applying to NIH or AHRQ only and some applying to both. For more information read the full [announcement](#), which has additional links and details related to each planned change. NIH asks that questions be directed to NIH Grants Information at grantsinfo@od.nih.gov (preferred method of contact) or 301/435-0714.

WORKSHOPS

For more information contact Jana Henderson at jana.henderson@wichita.edu or 978-3285.

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
IRB Open Lab	Nov. 4	10:00-11:30 a.m.	405 Jardine	The IRB Administrator will be holding Open Labs this fall for faculty, staff and students who have questions about the new forms or about their study in general. <i>These are come-and-go labs with no registration required.</i>
PIVOT Open Lab	Nov. 4	2:30-4:00 p.m.	405 Jardine	The Office of Research will be holding Open Labs this fall for Faculty interested in using PIVOT as well as answering questions regarding their existing account. <i>These are come and go labs with no registration required.</i>
Funding Opportunities: Come Discover the Possibilities	Nov. 13	2:30 – 4:00 p.m.	405 Jardine	Funding Search Resources; Foundation and Federal Funding Opportunities; Institutional vs. Individual Awards. Please join the Office of Research for practical tips for finding funding opportunities and the resources available to you at WSU.



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NIH Webinar for Applicants- Research Project Grants (RO1)	Nov. 6	1:00-3:00 p.m.	264 Spencer (RSC)	This webinar is designed to give participants useful insights into the Center for Scientific Review's application submission and peer review processes. To register, go to the Faculty/Staff tab and select myTraining under Quick Links. From the tab myTraining Options, select the Events Calendar.
Developing Budgets: How to Avoid a Budget Battle Before a Grant Goes Out	Dec. 16	3:30 – 5:00 p.m.	266 Pike (RSC)	Please join the Office of Research for answers to all your budget questions - Allowable costs vs Unallowable Costs; WSU Rates, Travel questions; How to build flexibility into grant budgets; What is cost match and where can I find it; What is indirect cost recovery? Caleb Loss, Senior Grants and Contracts Administrator, will present on this topic.
PIVOT Open Lab	Dec. 17	2:30-4:00 p.m.	405 Jardine	The Office of Research will be holding Open Labs this fall for Faculty interested in using PIVOT as well as answering questions regarding their existing account. These are come and go labs with no registration required.

INTERNAL OPPORTUNITIES

WSU Excellence Awards Call for Nominations

WSU's Office of Research is currently accepting nominations for three excellence awards **1) Excellence in Creative Activity Award, 2) Award for Community Research, and 3) Excellence in Research Award.** Nominations are due by Friday, December 4th, 2015. For questions regarding this Call for Nominations, please contact Karen Davis by phone at 978-6808 or by email at proposals@wichita.edu.

For more information visit:

<http://webs.wichita.edu/?u=wsuresearchadmin&p=/excellenceawards/excellenceawards/>

GENERAL

Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet

United States Environmental Protection Agency (EPA)

Due Date: 12/8/2015

The U.S. Environmental Protection Agency (EPA), as part of the P3-People, Prosperity and the Planet Award Program, is seeking applications proposing to research, develop, and design solutions to real world challenges involving the overall sustainability of human society. The P3 competition highlights the use of scientific principles in creating innovative projects focused on sustainability. The P3 Award program was developed to foster progress toward sustainability by achieving the mutual goals of improved quality of life for its people, economic prosperity and protection of the planet -- people, prosperity, and the planet - the three pillars of sustainability. The EPA offers the P3 competition in order to respond to the technical needs of the world while moving towards the goal of sustainability.

The P3 Award Program is composed of two phases that award grants on a competitive basis. The purpose of this RFA is to solicit proposals for innovative research projects and designs to compete for the first phase of the P3 Award Program. The first phase is a competition for grants to test, research and develop innovative scientific projects or engineering designs that will promote sustainable development. In the spring of 2017, the Phase I grantees awarded from this solicitation are required to present their projects/designs at the annual National Sustainable Design Expo where they will have an opportunity to be eligible to compete for Phase II grant awards. The Phase II grant awards are intended to support the further development and demonstration of the sustainability projects/designs created in Phase I. The competitors for 2015 P3 Phase II grants are limited to recipients of Phase I grant awards from this solicitation. Applicants should address one or more of the research areas listed below in their Phase I proposals. Note that each application must be submitted using a single Funding Opportunity Number (FON). Institutions are allowed to submit more than one application where each application represents a unique design concept and student team.

Energy: (Funding Opportunity Number: EPA-G2016-P3-Q1)

1. Green Energy

The green energy area of interest includes but is not limited to innovative strategies for conservation and efficiency as well as energy production and distribution, inherently benign energy through green chemistry, biomimicry, green engineering and development of alternative energy sources.

Built Environment: (Funding Opportunity Number: EPA-G2016-P3-Q2)

1. Green Buildings

Green building practices maximize efficiency with which buildings and their sites use resources, energy, water, and materials, while minimizing building impacts on human health and the environment,

throughout the complete building life cycle from siting, design, and construction to operation, renovation, and reuse.

2. Smart Growth

Smart growth covers a range of development and conservation strategies that help protect our natural environment and make our communities more attractive, economically stronger, and more socially diverse.

Materials and Chemicals: (Funding Opportunity Number: EPA-G2016-P3-Q3)

1. Sustainable Materials

Research is needed to develop new materials and products with minimal environmental and public health impacts over their life cycles.

2. Sustainable Chemistry

Sustainable chemistry is the design of chemical products and processes that prevent pollution by reducing or eliminating the use or generation of hazardous substances. Sustainable chemistry applies across the life cycle of a chemical product, including its design, manufacture, and use.

Water: (Funding Opportunity Number: EPA-G2016-P3-Q4)

1. Drinking Water

Considerations include cost, ease of use, and environmental impacts including resource and energy use. Areas of interest include but are not limited to research on small drinking water systems; and increasing disaster resilience by preventing pollutant release into drinking water sources during flood events.

2. Water Quality

Research areas of interest for ensuring long-term sustainability include the prevention and/or control of the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water, including freshwater and estuary aquatic ecosystems.

3. Wastewater and Water Reuse

Areas of interest include but are not limited to treatment technologies to capture energy/resources; and treatment technologies to enable a closed loop residential system.

- URL: <http://www2.epa.gov/research-grants/13th-annual-p3-awards-national-student-design-competition-sustainability-focusing>

Ford Foundation Predoctoral Fellowship

National Academies of Sciences, Engineering, and Medicine

Due Date: 1/8/2016

The predoctoral fellowships provide support for individuals engaged in graduate study leading to a Doctor of Philosophy (Ph.D.) or Doctor of Science (Sc.D.) degree. Predoctoral fellowships will be awarded in a national competition administered by the National Research Council (NRC) on behalf of

the Ford Foundation. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students. Awards will be made for study in research-based Ph.D. or Sc.D. programs that include the following major disciplines and related interdisciplinary fields: American studies, anthropology, archaeology, art and theater history, astronomy, chemistry, communications, computer science, cultural studies, earth sciences, economics, engineering, ethnic studies, ethnomusicology, geography, history, international relations, language, life sciences, linguistics, literature, mathematics, performance study, philosophy, physics, political science, psychology, religious studies, sociology, urban planning, and women's studies. Also eligible are interdisciplinary ethnic studies programs, such as African American studies and Native American studies, and other interdisciplinary programs, such as area studies, peace studies, and social justice. Research-based fields of education are eligible if the major field of study is listed above and is used to describe the Ph.D. or Sc.D. program of the applicant (e.g., sociology of education, anthropology and education). Individuals enrolled in the following practice-oriented programs will not be supported: administration, audiology, business, consumer studies, curriculum development, education policy, human resource management, exercise physiology, filmmaking, fine arts, guidance, kinesiology, leadership, library and information science, management, nursing, occupational health, performing arts, personnel, physical education, physical therapy, public health, rehabilitation science, social welfare, social work, speech pathology, and teacher education. In addition, awards will not be made for work leading to terminal master's degrees, the Ed.D. degree, the degrees of Doctor of Fine Arts (D.F.A.) or Doctor of Psychology (Psy.D.), or professional degrees in such areas as medicine, law, and public health, or for study in joint degree programs such as the M.D./Ph.D., J.D./Ph.D., and M.F.A./Ph.D. This program does not support the Ph.D. portion of a dual-degree program. Interdisciplinary areas of study that have major content in ineligible fields listed above will not be included in the competition. Fellowships are tenable at any fully accredited, non-profit (not for profit) U.S. institution of higher education offering a Ph.D. or Sc.D. degree in the eligible fields of study. All arrangements for acceptance into a doctoral program at the chosen institution are the responsibility of the applicant. An applicant need not be accepted by the chosen institution at the time of application.

- URL: http://sites.nationalacademies.org/PGA/FordFellowships/PGA_047958

Science of Organizations (SoO)

National Science Foundation (NSF)

Due Date: 2/2/2016, 9/3/2016

Organizations -- private and public, established and entrepreneurial, designed and emergent, formal and informal, profit and nonprofit -- are critical to the well-being of nations and their citizens. They are

of crucial importance for producing goods and services, creating value, providing jobs, and achieving social goals. The Science of Organizations (SoO) program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, and management and ultimate effectiveness of organizations of all kinds. SoO funds research that advances our fundamental understanding of how organizations develop, form and operate. Successful SoO research proposals use scientific methods to develop and refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker and research communities. SoO welcomes any and all rigorous, scientific approaches that illuminate aspects of organizations as systems of coordination, management and governance. **PD 11-8031**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504696

ARTS & HUMANITIES

David Baumgardt Memorial Fellowship

Leo Baeck Institute (LBI)

Due Date: 11/14/2015

The LBI announces the availability of one fellowship per year to provide financial assistance to scholars whose research projects are connected with the writings of Professor David Baumgardt or his scholarly interests, including Ethics, Wissenschaft des Judentums and the Modern Intellectual History of German-speaking Jewry. In principle, the fellowship requires extensive use of the facilities of the LBI in New York, particularly the David Baumgardt Collection.

- URL: <https://www.lbi.org/about/fellowships/david-baumgardt-memorial-fellowship/>

BGC Research Fellowship

Bard College - Bard Graduate Center (BGC)

Due Date: 11/15/2015

These fellowships are intended to fund collections-based research at the BGC or elsewhere in New York, as well as writing or reading projects in which being part of the BGC's dynamic research environment is intellectually valuable. Eligible disciplines and fields of study include - but are not limited

to - art history, architecture and design history, economic and cultural history, history of technology, philosophy, anthropology, and archaeology.

- URL: <http://www.bgc.bard.edu/research/fellowships/bgc-research-fellowship.html>

Herb Alpert Young Jazz Composer Awards

The ASCAP Foundation

Due Date: 12/1/2015

Established in 1975, the [ASCAP Foundation](#) is dedicated to nurturing the music talent of tomorrow, preserving the legacy of the past, and sustaining the creative incentive for today's creators through educational, professional, and humanitarian programs and activities that serve the entire music community. To that end, the foundation, in partnership with the [Herb Alpert Foundation](#), is accepting applications for its Herb Alpert Young Jazz Composer Awards. Through the annual program, monetary prizes are awarded to encourage talented young jazz composers. To be considered, applicants must submit an original score of a composition accompanied by a CD (indicating the proper track, if applicable). To be eligible, applicants must be a citizen or permanent resident of the United States or enrolled as a student with a student visa. All applicants must be under the age of 30 as of December 31, 2015.

- URL: <http://www.ascapfoundation.org/programs/awards/herb-alpert-composer.aspx>

Historical Research of Science, Technology in East Asia

D. Kim Foundation

Due Date: 12/1/2015

The [D. Kim Foundation for the History of Science and Technology in East Asia](#) in Lexington, Massachusetts, provides fellowships and grants to graduate students and young scholars who are working in the history of science and technology in East Asia from the beginning of the twentieth century. Comparative studies of East Asia and the West as well as studies in related fields (mathematics, medicine, and public health) are also welcome. English is the official language of the foundation. All application materials (including sample chapters, papers, or essays) should be written in English. All publications, workshops, and meetings that the foundation supports use English only. The foundation offers postdoctoral and dissertation fellowships as well as grants for travel/research and for group projects.

Fellowships:

- 1) Postdoctoral Fellowship: One fellowship of up to \$55,000 will be awarded annually to a distinguished young scholar who has received his/her doctoral degree within the past five years.
- 2) Dissertation Fellowship: One or two fellowships of up to \$25,000 each will be awarded annually to Ph.D. candidates who are writing their dissertations.

Grants:

- 1) Traveling/Research Grant: Several grants of up to \$2,500 each will be awarded annually to scholars who are traveling either to present papers at international conferences, workshops, or annual meetings, or for short-term research projects (less than a month).
- 2) Group Grants: Several grants of up to \$5,000 each will be awarded to groups that organize workshops or international meetings. These meetings should be conducted in English.

- URL: <http://www.dkimfoundation.org/fellowships.html>

Andrew W. Mellon Foundation Post-Graduate Fellowship: 'Cultures of Conservation'

Bard College - Bard Graduate Center (BGC)

Due Date: 12/1/2015 (anticipated)

The Bard Graduate Center invites applications for post-doctoral fellowships funded by a grant from the Andrew W. Mellon Foundation, designed to help bridge the gap between the ways objects are studied by conservators and the ways they are approached by academics in the human sciences (Art History, History, Archaeology, Anthropology). Each of the appointed humanities-trained fellows will join a conservation team at a New York-area museum and work together on a joint project. The participating institutions are The Metropolitan Museum of Art, The American Museum of Natural History, Anthropology Division, and The Museum of Modern Art. The fellowship is part of "Cultures of Conservation," an initiative designed to model a new graduate curriculum at the BGC. The five years of the grant (2012-17) are seeing the development of new courses, new seminars and new research and teaching positions, all of which aim to bring the knowledge created by conservators into the intellectual apparatus of graduate students and professors in the humanities. Candidates will be judged on the merits and scope of what they bring to the proposed research. In addition to his/her conservation-related work at our partner institutions, each of the fellows will either teach one course or assist at one course taught by a faculty member in the Cultures of Conservation curriculum at the BGC. Appointees will also contribute to graduate advising and are expected to participate fully in the intellectual life of the institution. In consultation with the Dean, the fellows will also organize and chair events and guest lectures within Cultures of Conversation. The BGC is a graduate research institute committed to studying the cultural history of the material world, drawing on methodologies and approaches from art and design history, economic and cultural history, history of technology, philosophy, anthropology, and archaeology.

- URL: <http://cultures-of-conservation.wikis.bgc.bard.edu/fellowships>

FY16 Fulbright-Hays Seminars Abroad

U.S. Department of Education (ED) - International and Foreign Language Education Office (IFLE)

Due Date: 12/9/2015

The International and Foreign Language Education (IFLE) Office of the U.S. Department of Education has opened the FY 16 competition of its Fulbright-Hays Seminars Abroad. This program provides short-term study and travel seminars for U.S. educators in the social sciences and humanities for the purpose of improving their understanding and knowledge of the peoples and cultures of other countries. Eligibility is open to educators with at least three years of experience. This program is slightly different from the other Fulbright-Hays programs because each seminar's location and duration is predetermined. In FY 16, summer programs will be offered in Peru (K-8 educators), India (9-12 educators) and Senegal (postsecondary educators). The program covers airfare, lodging, and program costs. However, participants should be prepared to pay a cost-share of up to \$600.

- URL: <http://www2.ed.gov/programs/ieqpsap/applicant.html>

Bogliasco Study Center

Bogliasco Foundation

Due Date: 1/15/2016, 4/15/2016

Approximately 50 Fellowships - or residencies - are awarded to artists and scholars in the various disciplines of the Arts and Humanities (Archaeology, Architecture, Classics, Dance, Film/Video, History, Landscape Architecture, Literature, Music, Philosophy, Theater, and Visual Arts). Although the Fellowship is not a cash prize, Fellows are provided with living quarters, separate private studios and full board for a month at the Study Center in Bogliasco, Italy. The Bogliasco Foundation does not offer training or courses.

- URL: <https://www.bfny.org/en/apply/requirements>

BUSINESS

Visiting Research Fellowship

American Institute for Economic Research (AIER)

Due Date: 2/1/2016, 5/1/2016, 10/1/2016

The American Institute for Economic Research (AIER) helps individuals take action to improve their economic and financial well-being by providing factual, unbiased research and analysis. We are now looking for social science researchers trained in economics and allied disciplines. Our general areas of research interest are: **behavioral economics, business cycles, technology and innovation, regional economics, small business economics.**

As a Visiting Research Fellow (VRF) you are required to contribute to this research agenda. The research questions that you pose would be expected to yield results that are of practical significance and use to ordinary people. In particular, within the above mentioned fields, we are interested in research in the following areas:

1. Macroeconomics: business cycles, industrial competitiveness, or technology and innovation.
2. Personal-finance and behavioral economics.
3. Housing finance.
4. Education and careers: decision-making at the household level. For example, research regarding the inputs to decision-making regarding career choice, career development, investments in education, and training.
5. Small-business economics: start-up decision, an evaluation of alternative investments, collaborative and cooperative arrangements for reducing small business costs, and the uses of credit and debt.

- URL: <https://www.aier.org/visiting-research-fellowship>

EDUCATION

Educational Projects

Paralyzed Veterans of America (PVA) Education Foundation

Due Date: 2/1/2016

The mission of the PVA Education Foundation is to fund innovative educational projects that enhance the quality of life of individuals with spinal cord injury or disease (SCI/D) and/or increase the knowledge and effectiveness of health professionals in the SCI/D community. Components of the foundation's mission include the following:

- To support efforts to improve the quality of life of individuals with SCI/D.
- To educate consumers about the consequences and complications of SCI/D.
- To improve the knowledge and skills of health-care professionals who serve people with SCI/D.
- To prevent the occurrence of complications for persons with SCI/D.

The PVA Education Foundation generally supports five types of projects.

- Consumer, Caregiver, and Community Education
- Professional Development and Education
- Research Utilization and Dissemination
- Assistive Technology
- Conferences and Symposia

Eligible applicants include members of academic institutions, not-for-profit agencies and organizations, and consumer advocates and/or organizations. The maximum amount for a PVA Education Foundation grant is \$50,000 per year. The maximum amount for a conference or symposia grant is \$15,000 per year.

- **URL:** http://www.pva.org/site/c.a1lRK9NJLcJ2E/b.6305829/k.6E40/PVA_Education_Foundation.htm

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Emerging Frontiers in Research and Innovation (EFRI)

National Science Foundation (NSF)

Due Date: Letters of Intent 11/9/2015; Preliminary Proposals 1/14/2016; Full Proposals 4/8/2016

This program serves a critical role in helping ENG focus on important emerging areas in a timely manner. This solicitation is a funding opportunity for interdisciplinary teams of researchers to embark on rapidly advancing frontiers of fundamental engineering research. For this solicitation, we will consider proposals that aim to investigate emerging frontiers in the following two research areas:

- Advancing Communication Quantum Information Research in Engineering (ACQUIRE)
- New Light and Acoustic Wave Propagation: Breaking Reciprocity and Time-Reversal Symmetry (NewLAW)

This solicitation will be coordinated with the Directorate for Mathematical & Physical Sciences (MPS) and the Directorate for Computer and Information Science and Engineering (CISE), within NSF. EFRI seeks proposals with transformative ideas that represent an opportunity for a significant shift in fundamental engineering knowledge with a strong potential for long term impact on national needs or a grand challenge.

(1) Advancing Communication Quantum Information Research in Engineering (ACQUIRE) Secure and efficient data communication is of utmost importance to the public welfare, societal benefit, and national security. This EFRI topic will support interdisciplinary research in quantum communication systems with a focus on fundamental engineering challenges to enable lossless, room temperature, point-to-point links combining components, repeaters, networks and architectures. Researchers should focus on scalable, chip-level functioning devices and systems capable of operating at single and entangled photon levels. Recent progress in quantum information science, resulting in communication feasibility demonstrations, and advances in optoelectronic integration at the nanoscale are translating the field of quantum information to the engineering realm. Indeed chip-level, room temperature single photon sources, entangled pairs, quantum memory and repeaters are foreseeable devices that can enable scalable quantum communication or other applications. This topic is intended to support research by teams of engineers, physicists, and computer scientists, to address fundamental research challenges in design, fabrication, and operation of such systems. The research should include trade-offs between key relevant metrics. Of particular interest are investigations into 1) reproducible room temperature single photon sources and detectors on a chip directly coupled to waveguides, 2) low-energy quantum devices such as repeaters, single photon wavelength converters in the telecom wavelength, and integrated quantum memories, 3) generation of quantum entangled Qbits scalable to multi Qbits, and demonstration of a fiber-based quantum communication link. The research should be highly integrated with the education and training of the next generation of engineers and scientists with a broad knowledge of quantum technology and engineering. The goal is to demonstrate a reliable



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quantum communication link that optimizes the different aspects of the network, with the potential to provide a transformative and highly secure future network.

(2) New Light and Acoustic Wave Propagation: Breaking Reciprocity and Time-Reversal Symmetry (NewLAW) This topic supports engineering-led interdisciplinary research that challenges the notions of reciprocity, time-reversal symmetry and sensitivity to defects in wave propagation and field transport. The research is expected to disrupt ways in which electronic, photonic and acoustic devices are designed and employed, and to enable totally new functionalities. Platforms that may benefit from this fundamental research include photonic circuits, filters, logic operators, circulators and their on-chip implementation, as well as acoustic transducers for ultrasonic imaging, sonars, noise absorbing or enhancing devices, and material systems for impact and blast protection. The research will provide the opportunity to exploit physical principles that enable disruptive technologies, novel materials and new devices. The topic is inspired by the recent emphasis on uncovering classical materials that emulate atomic systems and condensed matter phenomena such as quantum Hall effect, topologically tuned Fano resonances, electromagnetically induced transparency, and topological insulators. Specifically, the recent discovery of electronic and photonic topological insulators is inspiring new directions in band engineering and wave manipulation through concepts guided by inspiration from condensed matter analogues.

NSF 16-502

- URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf16502

AMS Centennial Research Fellowship Program

American Mathematical Society (AMS)

Due Date: 12/1/2015

This program makes awards annually to outstanding mathematicians to help further their careers in research. Work in all areas of mathematics, including interdisciplinary work, is eligible. The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research. Applications should include a cogent plan indicating how the fellowship will be used. The plan should include travel to at least one other institution and should demonstrate that the fellowship will be used for more than reductions of teaching at the candidate's home institution. The selection committee will consider the plan in addition to the quality of the candidate's research, and will try to award the fellowship to those for whom the award would make a real difference in the development of their research careers. Work in all areas of mathematics, including interdisciplinary work is eligible.

- URL: <http://www.ams.org/programs/ams-fellowships/centennial-fellow/emp-centflyer>

Small Business Innovation Research Program (SBIR) Phase 1

National Science Foundation (NSF)

Due Date: 12/8/2015

The Small Business Innovation Research (SBIR) Program is intended to stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. NSF's SBIR program provides non-dilutive funds for early-stage research and development (R&D) at small businesses. This R&D should be based on innovative, transformational technology with potential for substantial commercial and/or societal benefits. The program invites proposals from small businesses across a broad range of science and engineering disciplines. If you are successful, you will receive a grant of up to \$225,000 for a 6-12 month development/feasibility project. You can then compete for a second grant of up to \$750,000 over a 2-year period, with the aim of advancing the technology toward commercial deployment. The award amount of \$225,000 is new as of this solicitation. The previous award amount for SBIR Phase I was \$150,000. The award duration of 6-12 months is also new as of this solicitation. SBIR Phase I awards previously had a duration of 6 months. Proposers will indicate their requested duration on the cover page of the proposal. **NSF 15-605**

- URL: <http://www.nsf.gov/pubs/2015/nsf15605/nsf15605.htm>

Small Business Technology Transfer Research Program (STTR) Phase 1

National Science Foundation (NSF)

Due Date: 12/11/2015

The Small Business Technology Transfer (STTR) Program is intended to stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. NSF's STTR program provides non-dilutive funds for early-stage research and development (R&D) at small businesses. This R&D should be based on innovative, transformational technology with potential for substantial commercial and/or societal benefits. The program invites proposals from small businesses across a broad range of science and engineering disciplines in collaboration with researchers at universities, Federally-Funded Research and Development Centers, and other non-profit institutions. If you are successful, you will receive a grant of up to \$225,000 for a 6-12 month development/feasibility project. You can then compete for a second grant of up to \$750,000 over a 2 year period, with the aim of advancing the technology toward

commercial deployment. The award duration of 6-12 months is new as of this solicitation. STTR Phase I awards previously had a duration of 12 months. Proposers will indicate their requested duration on the cover page of the proposal. **NSF 15-604**

- URL: <http://www.nsf.gov/pubs/2015/nsf15604/nsf15604.htm>

Cyber Corps (R) for Scholarship for Service (SFS)

National Science Foundation (NSF)

Due Date: 12/18/2015 (Capacity Track)

Cyberspace has transformed the daily lives of people. The rush to embrace cyberspace, however, has exposed its fragility and vulnerabilities: corporations, agencies, national infrastructure and individuals have been victims of cyber-attacks. In December 2011, the National Science and Technology Council with the cooperation of NSF advanced a broad, coordinated Federal strategic plan for cybersecurity research and education to "change the game," examine the misuses of cyber technology, bolster education and training in cybersecurity, establish a science of cybersecurity, and transition promising cybersecurity research into practice. To achieve this strategic plan, the Nation requires an innovative and efficient cybersecurity education system that results in an unrivaled cybersecurity workforce and citizenry capable of advancing America's economic prosperity and national security in the 21st century. The Cybersecurity Enhancement Act of 2014 (Public Law 113-274) authorizes the National Science Foundation, in coordination with the Office of Personnel Management and the Department of Homeland Security, to offer a scholarship program to recruit and train the next generation of information technology professionals, industry control system security professionals and security managers. The CyberCorps(R): Scholarship for Service (SFS) program seeks proposals that address cybersecurity education and workforce development.

The **Scholarship Track** provides funding to award scholarships to students in cybersecurity. All scholarship recipients must work after graduation for a Federal, State, Local, or Tribal Government organization in a position related to cybersecurity for a period equal to the length of the scholarship. A proposing institution must provide clearly documented evidence of a strong existing academic program in cybersecurity. Such evidence can include: designation by the National Security Agency and the Department of Homeland Security as a Center of Academic Excellence in Information Assurance Education/Cyber Defense (CAE IA/CD), in Cyber Operations or in Research (CAE-R); a specialized designation by a nationally recognized organization (for example, in forensics); or equivalent evidence documenting a strong program in cybersecurity.

The **Capacity Track** seeks innovative proposals leading to an increase in the ability of the United States higher education enterprise to produce cybersecurity professionals. Proposals are encouraged that contribute to the expansion of existing educational opportunities and resources in cybersecurity and focus on efforts such as research on the teaching and learning of cybersecurity, including research on

materials, methods and interventions; curricula recommendations for new courses, degree programs, and educational pathways with plans for wide adoption nationally; teaching and learning effectiveness of cybersecurity curricular programs and courses; integration of cybersecurity topics into computer science, data science, information technology, engineering and other existing degree programs with plans for pervasive adoption; and partnerships between institutions of higher education, government, and relevant employment sectors leading to improved models for the integration of applied research experiences into cybersecurity degree programs. **NSF 15-584**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15584/nsf15584.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

History of Science Fellowships

Chemical Heritage Foundation (CHF) – Beckman Center for the History of Chemistry

Due Date: 1/15/2016

The [Beckman Center for the History of Chemistry](#) at the [Chemical Heritage Foundation](#), an independent research library in Philadelphia, is inviting applications for short- or long-term fellowships related to the history of science, technology, medicine, and industry. The research collections at CHF range chronologically from the fifteenth century to the present and include six thousand rare books, significant archival holdings, thousands of images, and a large artifact and fine arts collection supported by over one hundred thousand reference volumes and journals. Within the collections there are many areas of special strength, including alchemy, mining and metallurgy, dyeing and bleaching, balneology, gunpowder and pyrotechnics, gas lighting, inorganic and organic chemistry, biochemistry, food chemistry, and pharmaceuticals. The center supports roughly twenty fellows each year, creating a vibrant community of scholars whose work is in some way tied to the history of materials and materiality, chemistry, and related sciences. Applications come from people in a wide range of disciplines across the humanities and social sciences. **The Beckman Center currently offers four levels of fellowships.**

- 1) Senior Fellowships include stipends of \$60,000 for a nine-month residence program and are open to scholars who have had their Ph.D. for at least five years.
- 2) Postdoctoral Fellowships include stipends of \$45,000 for a nine-month residence program and are open to scholars at the postdoctoral level.
- 3) Dissertation Fellowships include stipends of \$26,000 for a nine-month residence program and are open to graduate students at the dissertation stage.
- 4) Short-Term Fellowships include stipends of \$3,000 per month in for residence programs of one to four months and are open to all scholars and researchers.

Short-term fellowships are specifically designed around access to the center's research collections, while long-term fellows' work must help support the mission of the institution and fit with the collections more generally.

- URL: http://www.chemheritage.org/research/beckman-center/beckman-center-fellowships/index.aspx?utm_source=BeckmanCenter&utm_medium=web&utm_campaign=redirect

Long-Term Fellowships - Senior Fellowships

Chemical Heritage Foundation (CHF) - Beckman Center for the History of Chemistry

Due Date: 1/15/2016

CHF offers long-term fellowships for senior scholars studying the history and sociology of the chemical and molecular sciences, technologies, and industries. The Arnold and Mabel Beckman Center for the History of Chemistry comprises a dynamic community of scholars interested in the history and social studies of chemistry, broadly construed. The Beckman Center is also home to CHF's fellows, of whom there are roughly 25 annually, making the Beckman Center the largest private fellowship program in the history of science in the United States. The Beckman Center offers several fellowships for scholars doing research in the history and sociology of chemistry and related sciences, technologies, and industries. CHF fellows are encouraged to interact with the robust history of science community in Philadelphia. Fellows also participate in an informal writing group, which provides a critical but collegial setting in which to develop works in progress. Fellows form a vital part of the intellectual life at CHF.

- URL: <http://www.chemheritage.org/research/beckman-center/beckman-center-fellowships/index.aspx>

Focused Research Hubs in Theoretical Physics

National Science Foundation (NSF)

Due Date: 1/22/2016

Focused Research Hubs in Theoretical Physics (FRHTP) are designed to enhance significant breakthroughs at an intellectual frontier of physics by providing resources beyond those available to individual investigators, so as to promote a collaborative approach to a focused topic while promoting the preparation of scientists at the beginning of their independent scientific careers. Although interdisciplinary aspects may be included, the bulk of the effort must fall within the purview of the Division of Physics. The successful hub will demonstrate: (1) the potential to advance science; (2) the enhancement of the development of early career scientists; (3) a synergy or value-added rationale that justifies a group approach. The FRHTP will be funded for an initial duration of five years. The intent is

that the research topics proposed are at the stage that the scientific goals of the hub can be achieved in the first five years of the project. The FRHTP awards will provide support only for postdoctoral researchers and hub-related activities. The FRHTP are not intended to provide additional support for senior personnel (individual PIs), graduate or undergraduate students. Instead, the FRHTP is intended to support postdoctoral researchers and enable collaborative interactions via support for travel, collaboration meetings and workshops. Topics for the FY16 competition: Proposals may only be submitted in the specific topic(s) listed in this solicitation, which define particular areas in theoretical physics in which the Division of Physics sees a need for a focused research hub and has reserved budget resources from the core programs that would be impacted by such a hub. Future versions of this solicitation will allow response on different theoretical physics topics. It is expected that one award will be funded in each hub topic. **NSF 16-501**

The specific hub topics for this solicitation are:

1. Quantum Information Science (QIS)

A QIS focused research hub will support theoretical work to explore quantum applications that will push the frontiers of quantum-based information, transmission, and manipulation within the purview of the Division of Physics.

2. Theoretical Nuclear Physics (TNP)

A TNP focused research hub will support theoretical work in the area of Fundamental Symmetries, Neutrinos, and their applications to Nuclear Astrophysics relevant to research within the purview of the Division of Physics.

- URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf16501

Dear Colleague Letter - Optics and Photonics

National Science Foundation (NSF)

Due Date: Varies depending on program

Optics and photonics are key enabling technologies that impact society in a multitude of areas including information and communications, imaging and sensing, healthcare, energy, manufacturing, and national security. With current economic trends of innovation becoming increasingly international, it is a critical time for NSF to ensure support of fundamental research and disruptive optical technologies that will strongly benefit the nation's scientific and economic health as well as its future workforce. In August 2012, the National Research Council published its report of the U.S. National Academies study, "Optics and Photonics: Essential Technologies for Our Nation." In April 2014, a Fast Track Action Committee on Optics and Photonics, sanctioned by the Committee on Science of the National Science and Technology Council, published its report. Both reports clearly document the critical importance of fundamental research on optics and photonics, its strong societal impacts as enabling technologies, and the urgency of enhanced Federal support in this field. NSF has identified optics and photonics

research and education as a key area of interest, which is currently supported mainly through core programs residing in all Directorates. Because the field is inherently interdisciplinary in nature, often requiring expertise across traditional disciplinary boundaries, NSF, with its comprehensive coverage of various disciplines, will enable the research community to achieve breakthrough scientific and technological progress. Through this Dear Colleague Letter, NSF encourages innovative research proposals on optics and photonics that are relevant to one or more Divisions in the Directorates for Engineering (ENG), Mathematical and Physical Sciences (MPS), or Computer and Information Science and Engineering (CISE). Topics of particular interest for Fiscal Year 2015 are (a) the light-matter interaction at the nanoscale that encompass materials, devices, and systems, such as but not limited to low-loss metamaterials, plasmonics, and quantum phenomena that could impact computation, communication, and sub-wavelength resolution detection/imaging; and (b) novel terabit/second and above communication systems, especially those integrating devices and systems that advance the state of the art in networking, high-performance computing, and computer architecture. The proposals may span a combination of experiment, theory, and simulation, if appropriate. NSF 16-004

- URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf16004

HEALTH, LIFE & EARTH SCIENCES

Research Opportunities in Space and Earth Sciences (ROSES) - SERVIR Applied Sciences Team *National Aeronautics and Space Administration (NASA)*

Due Date: Step 1 Proposals 11/16/2015; Step 2 Proposals (by invitation only) 4/29/2016

This solicitation requests proposals for the SERVIR Applied Sciences Team (AST), which will improve the abilities of SERVIR regional hubs, national stakeholders, and users to apply Earth observations. The primary purpose of this team is to provide geographic and thematic applied science expertise to regions supported by the SERVIR global network. Geographic regions include Eastern and Southern Africa, Hindu-Kush Himalaya, Lower Mekong, and West Africa. Specific topics for this solicitation include food security, water and water-related disasters, land use and ecosystems, and weather and climate. Each team member will co-develop with, strengthen the capacity of, and transfer application(s) to SERVIR regional hubs to address users' decisionmaking needs. Team members will also communicate, coordinate, and share expertise with each other and SERVIR hubs across thematic and regional interests. **NNH15ZDA001N-SERVIR**

- URL: <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={020CF482-BC3B-F0E4-EA8C-F4AF314905EC}&path=init>

Nurse Faculty Loan Program

Dept of Health and Human Services (HHS) – Health Resources and Services Administration (HRSA)

Due Date: 11/30/2015

The purpose of NFLP is to increase the number of qualified nursing faculty to facilitate education of the nurses needed to address the nursing workforce shortage. The NFLP seeks to achieve this purpose by providing funding to schools of nursing to support the establishment and operation of a NFLP loan fund. Participating schools of nursing make loans from the fund to assist registered nurses in completing their graduate education to become qualified nurse faculty. The program offers partial loan forgiveness for borrowers that graduate and serve as full-time nursing faculty for the prescribed period of time. The loan recipients may cancel 85 percent of the loan over four years in return for serving full time as faculty in any accredited school of nursing. **HRSA-16-065**

- URL: <http://bhpr.hrsa.gov/nursing/grants/nflp.html>

Kimmel Scholar Award

Kimmel Foundation for Cancer Research, Sidney

Due Date: 12/2/2015

The Sidney Kimmel Foundation for Cancer Research funds the Kimmel Scholars Program, which each year, through a distinguished board of cancer researchers, provides research grants to the nation's most promising young cancer researchers. The goal of the grant program is to improve the basic understanding of cancer biology and to develop new methods for the prevention and treatment of cancer.

- URL: <http://kimmel.org/kimmel-scholars/application-process/>

Capturing Complexity in the Molecular and Cellular Mechanisms Involved in the Etiology of Alzheimer's Disease (R01)

National Institutes of Health (NIH) – National Institute on Aging (NIA)

Due Date: 12/10/2015

The goal of this Funding Opportunity Announcement (FOA) is to support innovative research focused on understanding the molecular and cellular mechanisms underlying the heterogeneity and multifactorial nature of Alzheimer's disease (AD) with the potential to create new or challenge existing scientific paradigms. This FOA encourages individual or collaborative research projects that propose innovative approaches to understand the complex biology of AD aimed to fill critical knowledge gaps. **PAR-15-358**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-358.html>

Mentoring in Active Learning and Teaching Program

American Society for Cell Biology

Due Date: 1/11/2016

The [American Society for Cell Biology](http://www.ascb.org) is inviting applications from biology instructors seeking to acquire, apply, and assess effective ways to promote active learning when they teach. Through its Mentoring in Active Learning and Teaching program, ASCB will award grants of up to \$2,000 to individual undergraduate biology educators to visit, observe, and work with mentors skilled in active learning and evidence-based teaching strategies that align with the society's principles. This immersion/mentoring experience is intended to provide clarity and practical interactive opportunities for MALT Fellows so they can analyze particular elements of teaching protocols; ask timely, pointed questions about how to activate them in their own classrooms and disciplines; and immediately put their new skills into practice. The program also provides a \$500 mentor stipend. To be eligible, applicants must be a postdoctoral student or faculty member (at any level) working in a biology/life science department at a community college, institute that primarily serves undergraduates, liberal arts college, or large research university.

- URL: <http://www.ascb.org/mentoring-in-active-learning-and-teaching-malt/>

Committee for Research and Exploration Grant Application

National Geographic

Due Date: ongoing

The National Geographic Society awards grants for scientific field research and exploration through its Committee for Research and Exploration. All proposed projects must have both a geographical dimension and relevance to other scientific fields and be of broad scientific interest. Applications are generally limited to the following disciplines: anthropology, archaeology, astronomy, biology, botany, geography, geology, oceanography, paleontology, and zoology. In addition the committee is emphasizing multidisciplinary projects that address environmental issues (e.g., loss of biodiversity and habitat, effects of human-population pressures). Funding is not restricted to United States citizens. Researchers planning work in foreign countries should include at least one local collaborator as part of their research teams. The committee will not consider applications seeking support solely for laboratory work or archival research. While grants are awarded on the basis of scientific merit and exist independent of the Society's other divisions, grant recipients are expected to provide the Society with rights of first refusal for popular publication of their findings.

- URL: <http://www.nationalgeographic.com/explorers/grants-programs/cre-application/>

NEW FACULTY/INVESTIGATOR

Developmental Research Project Program Awards

Kansas IDeA Network of Biomedical Research Excellence (K-INBRE)

Due Date: 12/1/2015

The mission of the NIH-funded Kansas IDeA Network of Biomedical Research Excellence (Kansas INBRE) grant is to strengthen the ability of Kansas researchers to compete effectively for NIH funds by building a "critical mass" of junior and senior investigators as well as undergraduates, graduate students and post-doctoral fellows. Within our scientific research theme of Cell and Developmental Biology, focus areas include reproductive and embryonic development, organogenesis, developmental neuroscience, and cellular and developmental pathologies. **Developmental Research Project Program Awards provide funding and mentoring for new faculty investigators engaged in interdisciplinary developmental research projects.**

- URL: <https://redcap.kumc.edu/surveys/?s=397ECA9APD>

AFAR Research Grants for Junior Faculty

American Federation for Aging Research (AFAR)

Due Date: Letters of Intent 12/15/2015

AFAR provides awards to junior faculty (M.D.s and Ph.D.s) to conduct research that will serve as the basis for longer term research efforts. AFAR-supported investigators study a broad range of biomedical and clinical topics including the causes of cellular senescence, the role of estrogen in the development of osteoporosis, the genetic factors associated with Alzheimer's disease, the effects of nutrition and exercise on the aging process, and much more. The major goal of this program is to assist in the development of the careers of junior investigators committed to pursuing careers in the field of aging research. AFAR supports research projects concerned with understanding the basic mechanisms of aging. Projects investigating age-related diseases are also supported, especially if approached from the point of view of how basic aging processes may lead to these outcomes. Projects concerning mechanisms underlying common geriatric functional disorders are also encouraged, as long as these include connections to fundamental problems in the biology of aging. Projects that deal strictly with clinical problems such as the diagnosis and treatment of disease, health outcomes, or the social context of aging are not eligible.

Examples of potentially fundable areas of research include, but are not limited to:

- Aging and immune function
- Stem Cell Aging
- Inflammation

- Genetic Control of longevity
- Neurobiology and neuropathology of aging*
- Mechanisms of dementia*
- Invertebrate or vertebrate animal models
- Cardiovascular aging
- Aging and cellular stress response
- Metabolic and endocrine changes
- Age-related changes in cell proliferation
- Caloric restriction and aging
- DNA repair and control of gene expression
- Biology of the menopause
- Aging and apoptosis
- Biodemographic analysis of aging
- Comparative gerontology
- Evolutionary biological aspects of the biology of aging

* Applicants proposing a project in Alzheimer's Disease or healthy brain aging research should apply for the New Investigator Awards in Alzheimer's Disease. Applicants proposing other dementia-related research should apply for the AFAR Research grant.

The award recipients are expected to attend the AFAR Grantee Conference which convenes AFAR grant recipients, mentors and leaders in the field to review and disseminate the research progress of the grantees and their findings. The meeting encourages networking, facilitates collaborations, and enhances the development of leadership.

- URL: <http://www.afar.org/research/funding/afar-research-grants/>

SOCIAL & BEHAVIORAL SCIENCES

Aging Research on Stress and Resilience to Address Health Disparities in the United States (R01)

National Institutes of Health - National Institute on Aging (NIA)

Due Dates: Letters of Intent 12/13/2015; Applications 1/13/2016

The purpose of this Funding Opportunity Announcement (FOA) is to stimulate interdisciplinary health-disparities research related to aging that considers the role that stress, stress response, and stress resilience play in differential health outcomes in priority health disparity populations in the U.S. In particular, this FOA seeks applications proposing to clarify pathways linking stress and aging-relevant health outcomes (e.g. mortality, cognitive impairment, multiple chronic conditions, disability, quality of life) through the investigation of links between environmental, sociocultural, behavioral, and biological factors. **RFA-AG-16-022**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-16-022.html>

Scholarships for LGBTQ Students

Point Foundation

Due Date: 1/19/2016

The Los Angeles-based [Point Foundation](http://www.pointfoundation.org) is accepting applications from lesbian, gay, bisexual, transgender, and queer students for its national scholarship program. Through the annual program, the foundation will provide financial assistance and programmatic support to LGBTQ students enrolling in undergraduate or graduate programs for the 2016-17 academic year. Point's scholarship support can be used to address any number of challenges students face, including college tuition and fees, which continue to rise faster than both inflation and average wages. In addition, each scholar will be paired with a mentor and will participate in leadership development training with fellow Point Scholars. Point Scholars also work with their mentors to give back to the LGBTQ community by completing an individual community service project each year. To be eligible, applicants must demonstrate academic excellence, leadership skills, community involvement, and financial need. Attention is given to applicants who lost financial and social support as a result of revealing their sexual orientation, gender identity, or expression. The foundation's online application portal will open on November 1, 2015. Applicants must submit Part I of the application no later than January 19, 2016. Upon review, selected applicants will be invited to submit Part II of the application, which must be completed by February 1, 2016.

- URL: <http://www.pointfoundation.org/apply>

STUDENTS

Google US/Canada PhD Fellowship Program

Google

Due Date: 12/1/2015

The Google U.S./Canada PhD Student Fellowship Program was created to recognize outstanding graduate students doing exceptional work in computer science, related disciplines, or promising research areas.

The 2016 Google U.S./Canada PhD Fellowships will begin in September 2016.

- URL: http://research.google.com/university/relations/phd_fellowships.html

Career Development Grants

American Association of University Women (AAUW)

Due Date: 12/15/2015

Career Development Grants provide funding to women who hold a bachelor's degree and are preparing to advance or change careers or reenter the workforce. Primary consideration is given to women of color and women pursuing their first advanced degree or credentials in nontraditional fields. Applicants must be U.S. citizens or permanent residents whose last degree was received before June 30, 2011. Funds are available for tuition, fees, books, supplies, local transportation, and dependent care. Grants provide assistance to women who, through additional higher education, technical training, or participation in professional development institutes, are making career changes, seeking to advance in current careers, or re-entering the workforce. AAUW originally designed these grants in 1972 to offer "encouragement" funding to AAUW members seeking to renew or resume academic work for credit toward career or employment advancement. Course work must be taken at an accredited two- or four-year college or university in the United States or at a technical school that is fully licensed or accredited by the U.S. Department of Education. Funds are not available for doctorate-level work.

- URL: <http://www.aauw.org/what-we-do/educational-funding-and-awards/career-development-grants/>

Selected Professions Fellowships

American Association of University Women (AAUW)

Due Date: 1/10/2016

Selected Professions Fellowships are awarded to women who intend to pursue a full-time course of study at accredited U.S. institutions during the fellowship year in one of the designated degree programs where women's participation traditionally has been low (see list below). Applicants must be U.S. citizens or permanent residents.

Selected Professions Fellowships are awarded for the following master's programs:

- Architecture
- Computer/information sciences
- Engineering
- Mathematics/statistics

Fellowships in the following degree programs are restricted to women of color, who have been underrepresented in these fields:

- Master's in business administration — applicants may apply for second year of study only
- Law — applicants may apply for third year of study only
- Doctorate in medicine — applicants may apply for third or fourth year of study only
- **URL:** <http://www.aauw.org/what-we-do/educational-funding-and-awards/selected-professions-fellowships/>

Research Fellowship Program - Dissertation Fellowships

University of Texas, Austin - Harry Ransom Humanities Research Center

Due Date: 1/15/2016

The Ransom Center awards fellowships to support scholarly research projects in all areas of the humanities, including literature, photography, film, art, the performing arts, music, and cultural history. Eight fellowships jointly sponsored by the Ransom Center and The University of Texas at Austin Office of Graduate Studies are designated for graduate students who are working on doctoral dissertations.

- **URL:** <http://www.hrc.utexas.edu/research/fellowships/application/>