

## Funding Bulletin

May 22<sup>nd</sup>, 2015 (Vol. 2, No. 17)

### Funding Information

To receive funding information, please contact Sarah Haug, Funding Opportunity Specialist, Office of Research and Technology Transfer, phone: 316-978-6803, e-mail: [sarah.haug@wichita.edu](mailto:sarah.haug@wichita.edu)

NOTICE – The Funding Bulletin is available via email. To be added to the electronic mailing list, send an email message to: [funding@wichita.edu](mailto: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](mailto: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

[LIMITED SUBMISSIONS](#)

[INTERNAL OPPORTUNITIES](#)

[GENERAL](#)

[ARTS & HUMANITIES](#)

[EDUCATION](#)

[ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES](#)

[HEALTH, LIFE & EARTH SCIENCES](#)

[INTERNATIONAL](#)

[NEW FACULTY/INVESTIGATOR](#)

[SOCIAL & BEHAVIORAL SCIENCES](#)

[STUDENTS](#)

### How to Apply

Proposal development requests should be sent to [proposals@wichita.edu](mailto: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/>

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact [funding@wichita.edu](mailto:funding@wichita.edu).



## Upcoming Events - Spring 2015 RTT Workshop Series

WORKSHOP TITLE	PRESENTER	DATE	TIME	ROOM	DESCRIPTION
Compliance: <i>Animals People and Export, Oh, My!</i>	<b>Katie Williams</b> (Senior IRB/IACUC Administrator) & <b>Linda Steinacher</b> (IRB/IACUC Assistant)  <b>Nancy Farber</b> , Compliance Specialist	<b>June 11, 2015</b>	1:30 – 3:00pm	266 Pike	IACUC 101, IRB 101 (Responsible Conduct of Research), Export 101, Conflict of Interest policies
Contracts & Agreements: <i>Getting to a “Win-Win” Agreement</i>	<b>Kelly Blackburn, CRA</b> (Senior Grants & Contracts Administrator)	<b>July 9, 2015</b>	1:30 – 3:00pm	266 Pike	When do I need a contract? How do I get one? Contracting dos and don’ts? What timeline should I expect for developing a contract? Subcontracting Overview

For more information contact Jana Henderson at [jana.henderson@wichita.edu](mailto:jana.henderson@wichita.edu) or 978-3285. To register for one of the workshops listed visit <https://webapps.wichita.edu/wintraining/training.asp?dept=1>. You will need to log into myWSU, select “register” and scroll down to find the workshop you are interested in.

## LIMITED SUBMISSIONS

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Karen Davis, Director of Pre-Award Services, is the internal coordinator for limited submission programs. Please notify [proposals@wichita.edu](mailto:proposals@wichita.edu), by the internal due date listed in the Funding Bulletin if you wish to submit a limited submission program. There are currently three open limited submission competitions:

### (1) FY15 First in the World (FITW) Competition

*U.S. Department of Education (ED)*

**Due Date: Internal 5/27/2015; Application 6/26/2015**

The First in the World (FITW) Program will provide grants to institutions of higher education to spur the development of innovations that improve educational outcomes and make college more affordable for students and families, and to develop an evidence base of effective practices. Institutions of higher education or consortia of such institutions are eligible applicants for FITW grants. We encourage applicants to partner with public and private institutions and agencies that can assist the applicant to achieve the goals of the project. **Institutions of higher education may only submit one application and may only be awarded one grant. ED-2015-OPE-0001 (CFDA # 84.116F and 84.116X)**

- URL: <http://www2.ed.gov/programs/fitw/applicant.html#frn>

### (2) Collections in Support of Biological Research

*National Science Foundation (NSF)*

**Due Date: Internal 6/1/2015; Full Proposals 7/13/2015**

The Collections in Support of Biological Research (CSBR) Program provides funds: 1) for improvements to secure, improve, and organize collections that are significant to the NSF BIO-funded research community; 2) to secure collections-related data for sustained, accurate, and efficient accessibility of the collection to the biological research community; and 3) to transfer collection ownership responsibilities. The CSBR program provides for enhancements that secure and improve existing collections, result in accessible digitized specimen-related data, and develop better methods for specimen curation and collection management. Requests should demonstrate a clear and urgent need to secure the collection, and the proposed activities should address that need. **One proposal may be submitted from any individual collection; one organization may not submit more than three proposals to any one CSBR competition. NSF 14-564**

- URL: <http://www.nsf.gov/pubs/2014/nsf14564/nsf14564.htm>

### **(3) Consortium for Advanced Manufacturing Foresights: Defining the Critical needs of the Advanced Manufacturing Research Community**

*National Institute of Standards and Technology (NIST) / National Science Foundation (NSF)*

**Due Date: Internal 6/5/2015; Full Proposal 7/20/2015**

The National Science Foundation (NSF), with support from the National Institute of Standards and Technology (NIST), is calling for the advanced manufacturing research community to unite in the establishment of the Consortium for Advanced Manufacturing Foresights (the "Consortium"). NSF is the program lead and is solely responsible for administration of the solicitation and the resulting award. NIST, acting on behalf of the Advanced Manufacturing National Program Office, is the program co-sponsor with NSF and provides financial and administrative support to NSF. **An organization may submit only one Consortium proposal. NSF 15-565** The Consortium will:

- Embrace all fields of advanced manufacturing, including emerging areas and areas overlapping with other disciplines.
- Serve as a catalyst and enabler for and give a voice to the national advanced manufacturing research community in shaping the future of advanced manufacturing.
- Consider issues, challenges and opportunities facing U.S. advanced manufacturing, and source novel and unanticipated perspectives on technology priorities that can inform both the broad advanced manufacturing community and agency work.
- Provide a resource for rapid response expert advice to help inform cross-cutting federal research and development initiatives in advanced manufacturing. It is anticipated that these responses might be provided within from several days for simple informational items to several months for more complex issues.
- Serve as an intermediary for the Administration in soliciting the input of the broader manufacturing community and supply chains on technology strategies.
- **URL:** <http://www.nsf.gov/pubs/2015/nsf15565/nsf15565.htm>

## **INTERNAL OPPORTUNITIES**

The next available internal opportunities will be: 1) Multi-disciplinary Research Projects Award (MURPA) and 2) University Research/Creative Award (URCA) - Round 2. Both will have October 2015 deadlines.

For more information, visit

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

Check back in late summer for updated instructions and application forms for both opportunities.

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact [funding@wichita.edu](mailto:funding@wichita.edu).

## GENERAL

### **Assets for Independence Demonstration Program (AFI)**

*U.S. Department for Health and Human Services (HHS) – Administration for Children and Families (ACF)*

**Due Date: 6/15/2015**

The Administration for Children and Families (ACF) Office of Community Services (OCS) will be accepting applications for grants to administer projects for the Assets for Independence (AFI) demonstration program. AFI grantees administer projects that provide individual development accounts (IDAs) and related services to low-income individuals. Participants open an IDA and save earned income that is matched by project funds. The combined participant savings and project matching funds will be used for an allowable asset: a first home, a business, or postsecondary education or training. Projects also assist participants in obtaining the skills and information necessary to achieve economic self-sufficiency. Grantees are encouraged to tailor the strategies and services they offer to the needs of their project participants and the opportunities in their community. Examples of activities in this area include financial education, asset-specific training, financial coaching, credit-building services, credit-debit counseling, and assistance with tax credits and tax preparation. AFI projects must be funded with a combination of the federal AFI grant and case from non-federal sources. The amount of cash from non-federal sources must be at least equal to the federal AFI grant amount. Applicants must provide documentation of commitment of non-federal funds in their application. **HHS-2015-ACF-OCS-EI-1005**

- URL: [http://www.acf.hhs.gov/grants/open/foa/files/HHS-2015-ACF-OCS-EI-1005\\_2.pdf](http://www.acf.hhs.gov/grants/open/foa/files/HHS-2015-ACF-OCS-EI-1005_2.pdf)

### **Avon Campus Grants**

*Avon Foundation*

**Due Date: 7/1/2015**

The [Avon Foundation for Women](#) is pleased to announce a total of \$250,000 for 25 new grants to expand the Avon Foundation Campus Grants Program. Colleges and universities may apply for funds for bystander projects aimed at reducing campus sexual assault and dating abuse. This year's RFP prioritizes Bystander Intervention Tactics. Successful applicants will demonstrate and be able to measure how their campus projects will generate awareness by instilling a sense of responsibility for students and faculty to step in and take action when abuse is suspected or observed, providing the training and skills necessary for bystanders to safely intervene. Projects may include:

- Skills-building workshops to increase numbers of trained students and faculty;



WICHITA STATE  
UNIVERSITY

RESEARCH AND  
TECHNOLOGY TRANSFER

- Campus-wide outreach tactics including social media campaigns, theater projects, and/or peer-to-peer trainings;
  - Development of awareness materials, i.e. resource guides/pamphlets, website pages, posters;
  - Video or print PSAs or short films.
- URL: <http://www.avonfoundation.org/grants/domestic-violence/campus-grant-guidelines/>

### **Fulbright Global Flex Award**

*Fulbright Scholar Program*

**Due Date: 8/3/2015**

The Fulbright U.S. Scholar Global Flex Award provides U.S. academics and professionals with the flexibility to engage in advanced regional or trans-regional research and/or teaching. As a truly worldwide award, U.S. scholars will be able to collaborate and engage in scholarly activities in two or three countries in one or more regions. Projects are welcome in all disciplines, as well as those with an interdisciplinary focus. Proposals should reflect topics which would benefit from a global perspective and clearly demonstrate a need to spend time in each of the proposed countries.

- URL: <http://www.cies.org/program/fulbright-global-flex-award>

## **ARTS & HUMANITIES**

### **Emerging Artist Residency Fellowship**

*Harpo Foundation*

**Due Date: 7/5/2015**

The Harpo Foundation's **Emerging Artist Residency Fellowship at the Santa Fe Art Institute (SFAI)** was established in 2013 to provide an annual opportunity to an emerging visual artist 25 years and older who needs time and space to explore ideas and start new projects. Artist Fellows will receive a one-month residency at the Santa Fe Art Institute, which includes a handsomely appointed room with private bath, a beautiful, well-lit studio space, and a \$500 travel stipend. Founded in 1985, the Santa Fe Art Institute (SFAI) provides a unique opportunity for emerging artists to pursue creative projects without interruption. SFAI supports over 50 residents per year and offers a cohesive, arts-focused

---

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact [funding@wichita.edu](mailto:funding@wichita.edu).

environment that creates the ideal working conditions for resident artists. Living and studio space is located within a nearly 17,000 square foot complex designed by renowned Mexican architect, Ricardo Legoretta. The unique SFAI environment allows residents to be as interactive or private as they wish. There are no requirements on the work produced during their time at SFAI. **One Fellowship is awarded annually to emerging artists who demonstrate:** - Strong artistic ability and promise; - An evolving practice this is at a pivotal moment in its development

- URL: <http://www.harpofoundation.org/emerging-artist-fellowship/>

### **Humanities Collections and Reference Resources (HCRR)**

*National Endowment for the Humanities (NEH)*

**Due Date: 7/21/2015**

The Humanities Collections and Reference Resources (HCRR) program supports projects that provide an essential underpinning for scholarship, education, and public programming in the humanities. Thousands of libraries, archives, museums, and historical organizations across the country maintain important collections of books and manuscripts, photographs, sound recordings and moving images, archaeological and ethnographic artifacts, art and material culture, and digital objects. Funding from this program strengthens efforts to extend the life of such materials and make their intellectual content widely accessible, often through the use of digital technology. Awards are also made to create various reference resources that facilitate use of cultural materials, from works that provide basic information quickly to tools that synthesize and codify knowledge of a subject for in-depth investigation. **HCRR offers two kinds of awards: 1) for implementation and 2) for planning, assessment, and pilot efforts (HCRR Foundations grants).**

- URL: <http://www.neh.gov/grants/preservation/humanities-collections-and-reference-resources>

### **2015 Art Works**

*National Endowment for the Arts (NEA)*

**Due Date: 7/23/2015**

"Art Works" refers to three things: the works of art themselves, the ways art works on audiences, and the fact that art is work for the artists and arts professionals who make up the field. Art works by enhancing the value of individuals and communities, by connecting us to each other and to something greater than ourselves, and by empowering creativity and innovation in our society and economy. The arts exist for beauty itself, but they also are an inexhaustible source of meaning and inspiration. The NEA recognizes these catalytic effects of excellent art, and the key role that arts and design

organizations play in revitalizing them. To deepen and extend the arts' value, including their ability to foster new connections and to exemplify creativity and innovation, we welcome projects that:

- Are likely to prove transformative with the potential for meaningful change, whether in the development or enhancement of new or existing art forms, new approaches to the creation or presentation of art, or new ways of engaging the public with art;
- Are distinctive, offering fresh insights and new value for their fields and/or the public through unconventional solutions; and
- Have the potential to be shared and/or emulated, or are likely to lead to other advances in the field.

Beyond encouraging projects that demonstrate these characteristics, we want to achieve the following four objectives through the Art Works category: [Creation](#): The creation of art that meets the highest standards of excellence; [Engagement](#): Public engagement with diverse and excellent art; [Learning](#): Lifelong learning in the arts, and [Livability](#): The strengthening of communities through the arts.

- URL: <http://arts.gov/grants-organizations/art-works/grant-program-description>

### **Publishing Historical Records in Documentary Editions**

*National Archives and Records Administration (NARA) – National Historical Publications and Records Commission (NHPRC)*

**Due Date: Optional Draft 8/3/2015; Final Application 10/8/2015**

The NHPRC seeks proposals to publish documentary editions of historical records. Projects may focus on the papers of major figures from American history or cover broad historical movements in politics, military, business, social reform, the arts, and other aspects of the national experience. The historical value of the records and their expected usefulness to broad audiences must justify the costs of the project. The goal of this program is to provide access to, and editorial context for, the historical documents and records that tell the American story. The NHPRC encourages projects, whenever possible and appropriate, to provide access to these materials in a free and open online environment, without precluding other forms of publication. Grants are awarded for collecting, describing, preserving, compiling, editing, and publishing documentary source materials in print and online. Because of the focus on documentary sources, grants do not support preparation of critical editions of published works unless such works are just a small portion of the larger project. New projects and projects that have never received an NHPRC grant must include plans for an online edition and apply at the second deadline. Such projects may also prepare print editions as part of their overall publishing plan. **EDITIONS-201510**

- URL: <http://www.archives.gov/nhprc/announcement/editions.html>



## EDUCATION

### Constance McCollough Award

*International Reading Association (IRA)*

**Due date: 6/30/2015**

The [International Reading Association](http://www.reading.org) encourages international professional development activities. A cash prize of \$4,000 will be awarded to an IRA member who is investigating reading-related problems in countries outside North America. Proposals must address at least one of the three goals of the association: advocacy, professional development, and/or emerging global issues. **1) Advocacy:** The association seeks to promote universal access to literacy and to provide leadership in support of adequate funding for literacy programs on an international basis; **2) Professional Development:** The association seeks to enhance and improve professional development of literacy educators on an international basis; **3) Emerging Global Issues:** The association seeks to identify and provide leadership on globally significant literacy issues such as access to primary education, access to current materials, and assessment of literacy levels. Any IRA member is eligible to submit a proposal for professional development activities undertaken in countries outside North America.

- URL: [http://www.reading.org/Resources/AwardsandGrants/professional\\_mccullough.aspx](http://www.reading.org/Resources/AwardsandGrants/professional_mccullough.aspx)

### Pre-College Education Programs

*United States-Japan Foundation*

**Due Date: Letters of Intent 7/15/2015, Applications 8/31/2015**

USJF supports initiatives that take advantage of new technology to bring Japanese and American teachers and students together; build human networks among teachers on both sides of the Pacific with a mutual interest in teaching and learning about Japan, the U.S., and U.S.-Japan relations, particularly in the fields of social studies and Japanese language instruction; and invest in programs in underserved regions in both countries. In addition, the foundation supports programs that leverage the expertise in institutions of higher learning and NGOs on behalf of U.S.-Japan studies programs at the elementary, middle, and high school levels in both countries; present research, policy studies, and media programs on U.S.-Japan issues to an audience of pre-college students and their teachers; and enhance, expand, and preserve the study of the Japanese language at the pre-college level in the United States through professional development opportunities for teachers, national standards, and performance assessments. Proposed projects should seek to incorporate one or more of these elements in a way that is particularly suited to the need(s) in pre-college education they seek to address.

- URL: <http://us-jf.org/programs/grants/pre-college-education/>

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### Space Technology Research Grants Program, Early Stage Innovations (ESI) Appendix *National Aeronautics and Space Administration (NASA)*

**Due Date: Notices of Intent 6/12/2015; Proposals 7/10/2015**

NASA's Space Technology Mission Directorate (STMD) hereby solicits proposals from accredited U.S. universities for innovative, early-stage space technology research of high priority to NASA's Mission Directorates. This Appendix seeks proposals on specific space technologies that are currently at low Technology Readiness Levels (TRL). Investment in innovative low-TRL research increases knowledge and capabilities in response to new questions and requirements, stimulates innovation, and allows more creative solutions to problems constrained by schedule and budget. Moreover, it is investment in fundamental research activities that has historically benefited the Nation on a broader basis, generating new industries and spin-off applications. The proposals may cover transformative space technologies in different fields, including planetary exploration capabilities, such as payload technologies for assistive free-flyers and robotic mobility technologies for the surfaces of icy moons. They may also cover material science, such as discrete cellular materials assembly, repair and reconfiguration, and computationally guided structural nanomaterials design. Other topics could include optical communication for space using integrated photonics, atmospheric entry modeling development using data from the first flight test of NASA's Orion spacecraft in December 2014, and high voltage power management and distribution electronics for space applications. **NNH15ZOA001N-15ESI-B2**

- URL: <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={14652CAA-A8D3-17A7-59B2-9700223CACA0}&path=open>

### Engineering Education Grants

*DENSO North America Foundation*

**Due Date: Ongoing**

A registered 501(c)3 corporate foundation, The DENSO North America Foundation is dedicated to helping students advance their education in engineering, technology and other related programs. Founded in 2001, the Foundation provides grants to colleges and universities throughout North America, helping our communities prosper through the development of a skilled and knowledgeable workforce. Proposals for these education grants are considered by invitation only.

- URL: <http://densofoundation.org/about-the-foundation/>

### **Senior Scientist Mentor Program**

*The Camille & Henry Dreyfus Foundation, Inc.*

**Due Date: 9/10/2015**

The [Camille and Henry Dreyfus Foundation](#) seeks to support emeriti faculty who maintain active research programs with undergraduates in the chemical sciences. The foundation's Senior Scientist Mentor Program is open to all academic institutions in the states, districts, and territories of the United States that grant a bachelor's degree or higher in the chemical sciences, including biochemistry, materials chemistry, and chemical engineering. Faculty who received emeritus status on or before October 2015 and who maintain active research programs in the chemical sciences may apply. Successful applicants are expected to be closely engaged in a mentoring relationship with undergraduate students. The evaluation will be based on both an assessment of the research proposed and plans for undergraduate participation in the research. An applicant's history of mentoring undergraduates is favorably viewed. The program provides a \$20,000 award over two years, intended mostly for undergraduate stipends. Modest research support also is allowed.

- URL: [http://dreyfus.org/awards/senior\\_scientist\\_mentor.shtml](http://dreyfus.org/awards/senior_scientist_mentor.shtml)

## **HEALTH, LIFE & EARTH SCIENCES**

### **2015 Request for Proposals**

*Wichita Medical Research and Education Foundation (WMREF)*

**Due Date: Letters of Intent 6/1/2015; Applications 7/24/2015**

WMREF IS PLEASED TO ANNOUNCE A COLLABORATIVE INVESTIGATOR INITIATED RESEARCH (CIIR) FUNDING OPPORTUNITY FOR UP TO TWO \$15,000 ONE YEAR RESEARCH GRANTS. The purpose of this funding program is to provide investigators with short-term funding in the areas of social/behavioral, biological, genetic, or environmental determinants of disease and/or health, either physical or mental, across the life span. A special feature of this announcement is the requirement for documented collaborative partnerships between Wichita State University (WSU) and the University of Kansas School of Medicine-Wichita (KUSM-W) in this funded research opportunity. This program is designed to encourage researchers at both institutions to develop strong working partnerships to foster a cooperative research environment in Wichita. The primary co-investigator must have an active working relationship with the principal investigator, with both actively participating in the project.

- URL: <http://webs.wichita.edu/depttools/depttoolsmemberfiles/joe/Funding%20opportunity%20June%202015.pdf>

## **Petrology and Geochemistry (CH) (Deep Earth Process Section)**

*National Science Foundation (NSF)*

**Due Date: 7/10/2015, 1/11/2016**

The Petrology and Geochemistry Program supports basic research on the formation of planet Earth, including its accretion, early differentiation, and subsequent petrologic and geochemical modification via igneous and metamorphic processes. Proposals in this program generally address the petrology and high-temperature geochemistry of igneous and metamorphic rocks (including mantle samples), mineral physics, economic geology, and volcanology. Proposals that are focused on the development of analytical tools, theoretical and computational models, and experimental techniques for applications by the igneous and metamorphic petrology, and high temperature geochemistry and geochronology communities are also invited. **NSF 15-557**

- URL: [http://www.nsf.gov/pubs/2015/nsf15557/nsf15557.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15557/nsf15557.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

## **GeoPRISMS**

*National Science Foundation (NSF)*

**Due Date: 7/15/2015**

GeoPRISMS (Geodynamic Processes at Rifting and Subducting Margins) Program investigates the coupled geodynamics, earth surface processes, and climate interactions that build and modify continental margins over a wide range of timescales. These interactions cross the shoreline and have applications to margin evolution and dynamics, construction of stratigraphic architecture, accumulation of economic resources, and associated geologic hazards and environmental management. The GeoPRISMS Program includes two broadly integrated science initiatives (*Subduction Cycles and Deformation* and *Rift Initiation and Evolution*), linked by five overarching scientific topics and themes, where transformative advances are likely to occur in the decade 2011-2020, and where a focused scientific program could be most effective. These overarching science topics include 1) Origin and evolution of continental crust; 2) Fluids, magmas and their interactions; 3) Climate-surface-tectonics feedbacks; 4) Geochemical cycles; and 5) Plate boundary deformation and geodynamics. Each of the initiatives has identified primary sites for focused investigations, as well as thematic studies that will complement primary site studies. **NSF 15-564**

- URL: <http://www.nsf.gov/pubs/2015/nsf15564/nsf15564.htm>

## Practical Monitoring Tools for the Biological Processes in Biofiltration

*Water Research Foundation*

**Due Date: 7/15/2015**

Biologically active aerobic rapid-rate filtration, commonly known as biofiltration, is a widely used treatment approach throughout the world to address multiple public health concerns such as the stability of distribution system water quality, reduction of disinfection byproduct precursors, and removal of pathogens and other specific contaminants. However, process control tools that are used to directly monitor water quality and biological process parameters in biofiltration facilities are not widely deployed. Furthermore, existing training for water treatment plant operators focuses on traditional gravity filters. There is a need for expanding the training into operating biofilters including what, where, when, and how to monitor the biological processes in biofiltration. The purpose of this project is to provide drinking water biofiltration facilities with information on practical, field-tested biological, water quality, and operational monitoring tools that directly measure biological process parameters or indicate the performance of biological processes to assist them in selecting the tools and developing monitoring strategies, and advising operators on using the tools. This project will build upon existing studies on practical biological, water quality, and operational monitoring tools used for drinking water biofiltration as well as for other areas (e.g., wastewater, bioremediation, pharmaceutical manufacturing, and food safety). Development of new monitoring technologies is not required; however, innovative tools and technologies can be included. **The objective of this project is to achieve the following:**

- Provide information on practical, field-tested monitoring tools that can be used for drinking water biofiltration.
- Assist drinking water utilities in selecting monitoring tools and developing holistic monitoring strategies for operating, maintaining, controlling, and optimizing drinking water biofiltration.
- Advise drinking water biofiltration facility operators on using monitoring tools for day-to-day operation, sampling, maintenance, trouble-shooting, and investigating potential problems.
- **URL:** [http://www.waterrf.org/funding/rfps/RFPs/RFP\\_4620.pdf](http://www.waterrf.org/funding/rfps/RFPs/RFP_4620.pdf)

**Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science (R43/R44 SBIR)**

*Department of Health & Human Services (HHS) - National Institutes of Health (NIH)*

**Due Date: 8/5/2015**

This funding opportunity announcement (FOA) encourages Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) that propose development of a broad base of innovative technologies in biomedical computing, informatics, and Big Data Science that will support rapid progress in areas of scientific opportunity in biomedical research. It is expected that this research and development is conducted in the context of important biomedical and behavioral research problems. As such, applications are intended to develop enabling technologies that could apply to the interests of most NIH Institutes and Centers and range from basic biomedicine to research in all relevant organ systems and diseases. Major themes of research include collaborative environments; data integration; analysis and modeling methodologies; and novel computer science and statistical approaches. New opportunities are also emerging as large and complex data sets are becoming increasingly available to the research community. **PA-14-154**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-154.html>

**Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science (R41/R42 STTR)**

*Department of Health & Human Services (HHS) - National Institutes of Health (NIH)*

**Due Date: 8/5/2015**

This funding opportunity announcement (FOA) encourages Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) that propose development of a broad base of innovative technologies in biomedical computing, informatics, and Big Data Science that will support rapid progress in areas of scientific opportunity in biomedical research. It is expected that this research and development is conducted in the context of important biomedical and behavioral research problems. As such, applications are intended to develop enabling technologies that could apply to the interests of most NIH Institutes and Centers and range from basic biomedicine to research in all relevant organ systems and diseases. Major themes of research include collaborative environments; data integration; analysis and modeling methodologies; and novel computer science and statistical approaches. New opportunities are also emerging as large and complex data sets are becoming increasingly available to the research community. **PA-14-157**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-157.html>

**PHS 2014-02 Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44])**

*National Institutes of Health (NIH)*

**Due Date: 8/5/2015**

This Funding Opportunity Announcement (FOA) issued by the National Institutes of Health (NIH), the Centers for Disease Control and Prevention (CDC), the Food and Drug Administration (FDA) and the Administration for Children and Families (ACF) invites eligible United States small business concerns (SBCs) to submit Small Business Innovation Research (SBIR) grant applications. U.S. SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH awarding components identified in this FOA are encouraged to submit SBIR applications.

**PA-14-071**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-071.html>

**PHS 2014-02 Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42])**

*National Institutes of Health (NIH)*

**Due Date: 8/5/2015**

This Funding Opportunity Announcement (FOA) issued by the National Institutes of Health (NIH) invites eligible United States small business concerns (SBCs) to submit Small Business Technology Transfer (STTR) grant applications. United States SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH awarding components identified in this FOA are encouraged to submit STTR applications. **PA-14-072**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-072.html>

**Grants Focusing on Therapeutic Areas**

*Genzyme*

**Due Date: Applications accepted on a continual basis**

Genzyme distributes grants to those that target efforts in its areas of disease and therapeutic focus: Multiple Sclerosis, Rare Genetic Diseases, Cardiovascular Disease, and Thyroid Cancer. Genzyme may also support unaccredited education programs targeted toward scientists and researchers in the areas of diabetes, renal, immune-mediated diseases, neurobiology, cystic fibrosis, gene therapies, and biomaterials.

- URL: <http://www.genzyme.com/Responsibility/Grants-and-Giving/Applying-for-a-Grant.aspx>

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact [funding@wichita.edu](mailto:funding@wichita.edu).

## INTERNATIONAL

### **Dr. Guido Goldman Fellowship for the Study of German and European Economic and International Affairs**

*American Council on Germany*

**Due Date: 7/1/2015**

The Dr. Guido Goldman Fellowship for the Study of German and European Economic and International Affairs supports promising American academics whose research bears special significance for German economic and international policy within the wider European context. Fellows are required to develop research itineraries in consultation with the American Council on Germany. Following the completion of the trip, fellows submit a report summarizing their findings. Fellowship must be taken within one calendar year of receipt of the award.

- URL: <http://www.acgusa.org/index.php?section=goldman-fellowships>

## NEW FACULTY/INVESTIGATOR

### **Research Associateship Programs (RAP)**

*The National Academies*

**Due Dates: 8/1/2015, 11/1/2015**

Through a national competition, the NRC recommends and makes Research Associateship awards to outstanding scientists and engineers, at the postdoctoral and senior levels, for tenure as guest researchers at the participating laboratories. A limited number of opportunities are available for support of graduate students in select fields. The objectives of the Research Associateship Programs are (1) to provide postdoctoral and senior scientists and engineers of unusual promise and ability opportunities for research on problems, largely of their own choice that are compatible with the interests of the sponsoring laboratories and (2) to, thereby, contribute to the overall efforts of the laboratories. For recent doctoral graduates, the Research Associateship Programs provide an opportunity for concentrated research in association with selected members of the permanent professional laboratory staff. For established scientists and engineers, the Research Associateship Programs afford an opportunity for research without the interruptions and distracting assignments of permanent career positions.

- URL: <http://sites.nationalacademies.org/pqa/rap/>



## SOCIAL & BEHAVIORAL SCIENCES

### Scholars Program

*William T. Grant Foundation*

**Due Date: 7/8/2015**

The William T. Grant Scholars Program is for early-career researchers in the social, behavioral, and health sciences. We encourage Scholars to tackle important questions that will advance theory, policy, and practice for youth. Applicants identify new methods, disciplines, or content they want to learn, and propose five-year research plans that foster their growth in those areas. We recognize that early-career researchers are rarely given incentives or support to take such risks, so this award includes a mentoring component. Potential Scholars should have a promising track record of conducting high-quality research, but want to pursue a significant shift in their trajectories as researchers. We are focused on youth ages 5 to 25 in the United States. We fund research that increases our understanding of: programs, policies, and practices that reduce inequality in youth outcomes; and the use of research evidence in policy and practice. We seek research that builds stronger theory and empirical evidence in these two areas. We intend for the research we support to inform change. While we do 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.

- URL: <http://blog.wtgrantfoundation.org/post/109989231897/william-t-grant-scholars-program-application>

### Research Grants

*Harry Frank Guggenheim Foundation*

**Due Date: 8/1/2015**

The foundation welcomes proposals from any of the natural and social sciences and the humanities that promise to increase understanding of the causes, manifestations, and control of violence and aggression. Highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. Questions that interest the foundation concern violence and aggression in relation to social change, intergroup conflict, war, terrorism, crime, and family relationships, among other subjects. Research with no relevance to understanding human problems will not be supported, nor will proposals to investigate urgent social problems where the foundation cannot be assured that useful, sound research can be done. Priority will also be given to areas and methodologies not receiving adequate attention and support from other funding sources.

- URL: <http://www.hfq.org/rq/guidelines.htm>

## **SJI Grants**

*State Justice Institute (SJI)*

**Due Dates: 8/1/2015, 11/1/2015, 2/1/2016**

SJI was established by federal law in 1984 to improve the quality of justice in state courts, and foster innovative, efficient solutions to common issues faced by all courts. To fulfill this mission, SJI awards grants that benefit the nation's judicial system and the public it serves. Types of Grants Available: **Project Grants, Technical Assistance Grants, Curriculum Adaptation & Training Grants, Partner Grants, Strategic Initiatives Grants, Education Support Program.**

- URL: <http://www.sji.gov/grants.php>

## **STUDENTS**

### **Human Resource Fellowships**

*Society for Human Resource Management (SHRM)*

**Due Date: 8/17/2015**

Founded in 1948, the [Society for Human Resource Management](http://www.shrm.org) is the world's largest HR membership organization devoted to human resource management. Representing more than 275,000 members in over 160 countries, the society provides resources to serve the needs of HR professionals and advance the professional practice of human resource management. SHRM is accepting applications for its Susan R. Meisinger Fellowship for Graduate Study in HR, an annual program that provides funding for first-time master's degree students in Human Resources. The award honors former SHRM president and CEO Susan R. Meisinger, SPHR. The fellowship is designed to support a master's degree student who is either a member of SHRM or a certified HR professional. Sponsored jointly by SHRM, the [SHRM Foundation](http://www.shrm.org), and the [HR Certification Institute](http://www.hr-certification.com), the fellowship supports an individual who wants to leverage significant past contributions to the HR management field and who plans to continue to contribute to the profession by earning a master's degree in HR. One winner is selected annually to receive a fellowship of up to \$10,000. Additional fellowships may be awarded, depending on the funds available, the quantity and quality of applicants, and the discretion of SHRM. Doctoral students, including DBAs and Ph.Ds, are not eligible for the award.

- URL: <http://www.shrm.org/about/awards/pages/meisinger.aspx>