

## Funding Bulletin

November 21<sup>st</sup>, 2014 (Vol. 2, No. 5)

### 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

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### 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/>

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## Upcoming Events

### RESEARCH 2014-2015 TRAINING SCHEDULE

WORKSHOP TITLE	DATE	TIME	RSC ROOM
Funding Opportunities: Come Discover the Possibilities	Nov. 13, 2014	1:30-3:30pm	262 Herrman
Developing Budgets: How to avoid a Budget Battle Before a Grant Goes Out	Dec. 11, 2014	1:30-3:30pm	266 Pike
CAYUSE 101: Electronic Submissions to Grants.gov Made Easy!	Jan. 22, 2015	1:30-3:30pm	266 Pike

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 five open limited submission competitions:

### (1) Major Research Instrumentation Program (MRI)

*National Science Foundation (NSF)*

**Due Dates: Internal 11/28/2014; Full Proposals 1/22/2015**

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, not-for-profit museums, science centers and scientific/engineering research organizations.

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The program provides organizations with opportunities to acquire major instrumentation that supports the research and research training goals of the organization and that may be used by other researchers regionally or nationally. Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use. Development efforts that leverage the strengths of private sector partners to build instrument development capacity at MRI submission-eligible organizations are encouraged. The MRI program assists with the acquisition or development of a shared research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. The program does not fund research projects or provide ongoing support for operating or maintaining facilities or centers. To ensure a balanced instrumentation award portfolio at diverse organizations, across varied research topics, and in support of a broadly inclusive science and engineering workforce across the entire Nation, the MRI program requires that an MRI-eligible organization may, as a performing organization, submit or be included as a significantly funded<sup>1</sup> subawardee in **no more than three MRI proposals**. To promote instrumentation development, the program requires that if an organization submits or is included as a significantly funded<sup>1</sup> subawardee in three MRI proposals, at least one of the three proposals must be for (Track 2) instrument development. **NSF 15-504**

- **URL:** [http://www.nsf.gov/pubs/2015/nsf15504/nsf15504.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15504/nsf15504.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

## **(2) The Midlife in the United States Study (U19)**

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

**Due Date: Internal 11/28/2014; Letter of Intent due 30 days before application due date;  
Application 1/25/2015**

The purpose of this FOA is to solicit an application for the next 5-year cycle of the Midlife in the United States (MIDUS) Study, a National Longitudinal Study of Health and Well-being. The goals of this next phase are to complete the third wave of longitudinal data collection and enhance content in the area of daily stress; complete the second wave of data collection of clinical biomarkers and affective neuroscience assessments; continue innovative sub-studies such as how psychosocial influences affect gene expression and novel methods to track and reinstate non-responders; connect these content areas through innovative analyses to data on health, functioning, personality, cognitive status, affective functioning, economic well-being, social relationships, and well-being; and maintain and enhance data distribution and user support. A central goal of the MIDUS study is to support data dissemination, user support of public use files, and encourage data use broadly by the scientific community. **Only one application per institution is allowed. PAR-14-356**

- **URL:** <http://grants.nih.gov/grants/guide/pa-files/PAR-14-356.html>

### **(3) Partnerships for Research and Education in Materials (PREM)**

*National Science Foundation (NSF)*

**Due Date: Internal 11/28/2014; Full Proposals 1/7/2015**

The objective of PREM is to broaden participation and enhance diversity in materials research and education by stimulating the development of formal, long-term, multi-investigator, collaborative research and education partnerships between minority-serving colleges/universities and the NSF Division of Materials Research (DMR)-supported centers and/or facilities. To date, successful PREMs have a strong overlap in research focus with the partner institution, and fully integrate the partner into the research and education activities of the PREM. In addition, successful PREMs have a well-defined management structure, with active internal and external advisory committees. **One application per institution is allowed. NSF 14-606**

- URL: [http://www.nsf.gov/pubs/2014/nsf14606/nsf14606.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2014/nsf14606/nsf14606.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

### **(4) NIH Director's Early Independence Awards (DP5)**

*National Institutes of Health (NIH)*

**Due Date: Internal 12/5/2014; Letters of Intent 12/30/2014; Applications 1/30/2015**

The NIH Director's Early Independence Award Program supports exceptional investigators who wish to pursue independent research directly after completion of their terminal doctoral/research degree or clinical residency, thereby forgoing the traditional post-doctoral training period and accelerating their entry into an independent research career. **Only up to two applications per institution are allowed. RFA-RM-14-004**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-004.html>

### **(5) Academic-Community Partnership Conference Series (R13)**

*National Institutes of Health (NIH) – Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)*

**Due Date: Internal 12/5/2014; Applications 1/29/2015, 11/17/2015, 11/17/2016**

This Funding Opportunity Announcement (FOA) encourages Research Conference Grant (R13) applications to conduct health disparities-related meetings, workshops, and symposia. The purpose of the Academic-Community Partnership Conference Series is to bring together academic institutions and community organizations to identify opportunities for reducing health disparities



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through the use of Community-Based Participatory Research (CBPR). The objectives of meetings conducted as part of this award will be to: (1) establish and/or enhance existing academic-community partnerships; (2) identify community-driven research priorities; and (3) develop long-term collaborative CBPR research agendas. Thus, it is expected these partnerships will lead to grant applications for the support of CBPR projects designed to meet identified community needs. The areas of focus for these partnerships may include one or more of the following community-health issues: preterm birth; infant mortality; sudden infant death syndrome (SIDS); maternal mortality; reproductive health; uterine fibroid tumors; childhood, adolescent, and/or adult obesity; violence prevention; perinatal HBV and HIV/AIDS prevention; HIV/AIDS prevention; asthma; intellectual and developmental disabilities; pediatric injury prevention; and medical rehabilitation. **Only one application per institution is allowed. PAR-15-032**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-032.html>

## INTERNAL OPPORTUNITIES

### Award for Research/Creative (ARC)

*Wichita State University*

**Due Date: 2/6/2015**

Applications for Award for Research/Creative Projects (ARC) are due to the Office of Research and Technology Transfer by Feb. 6 at 5:00 p.m. Award for Research/Creative projects provide salary/fringes of \$3,000\* for 2 months, plus \$1,000 for other operating expenses (total of \$4,000) to enable faculty to pursue research or creative projects during the summer (grant period May 1 - Aug 31, 2015). Awardees are expected to resume their teaching in the fall for the next academic year. A faculty member may receive only one of the following in a fiscal year: an ARCS, a University Research/Creative Projects Award (URCA), or a Multidisciplinary Research Project Award (MURPA). Those who accept any summer appointment from their college (for the summer grant period) are ineligible. Application and instructions are available on the research website and may be submitted electronically to [proposals@wichita.edu](mailto:proposals@wichita.edu) or Campus Box 7.

For more information, visit

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



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## **Flossie E. West Foundation Award**

*Wichita State University*

**Due Date: 3/6/2015**

Applications for the Flossie E. West Foundation Award are due to the Office of Research and Technology Transfer by March 6<sup>th</sup> at 5:00p.m. The award provides support for research relating to the study and cure of cancer. Awards are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations, or industries (grant period May 1, 2015 – April 30, 2016). Funds are restricted to WSU faculty project expenses; all WSU faculty members with research interests in the study of cancer are eligible. Application and instructions are available on the research website and may be submitted electronically to [proposals@wichita.edu](mailto:proposals@wichita.edu) or Campus Box 7.

For more information, visit

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

## **GENERAL**

### **National Robotics Initiative (NRI)**

*National Science Foundation (NSF)*

**Due Date: 1/14/2015, 12/3/2015**

The goal of the National Robotics Initiative is to accelerate the development and use of robots in the United States that work beside or cooperatively with people. Innovative robotics research and applications emphasizing the realization of such co-robots working in symbiotic relationships with human partners is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), the U.S. Department of Agriculture (USDA), and the U.S. Department of Defense (DOD). The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to manufacturing and deployment. Questions concerning a particular project's focus, direction and relevance to a participating funding organization should be addressed to that agency's point of contact listed in section VIII of this solicitation. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long-term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages

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between fundamental science and technology development, deployment and use. Only one class of proposals will be considered in response to this solicitation; there will not be separate competitions for small, medium, and large proposals. **NSF 15-505**

- URL: <http://www.nsf.gov/pubs/2015/nsf15505/nsf15505.htm>

## History of Science Fellowships

*Beckman Center*

**Due Date: 1/15/2015**

The [Beckman Center for the History of Chemistry](#) at the [Chemical Heritage Foundation](#), an independent research library in Philadelphia, is inviting applications for short- and long-term fellowships in 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, thousands of images, a large artifact and fine arts collection, and significant archival holdings supported by more than a 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; books of secrets; inorganic and organic chemistry; biochemistry; food chemistry; and pharmaceuticals. The center supports roughly twenty fellows a 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 residency 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 residency and are open to scholars at the postdoctoral level.
- 3) Dissertation fellowships include stipends of \$26,000 for a nine-month residency and are open to graduate students at the dissertation stage.
- 4) Short-term fellowships include stipends of \$3,000 per month 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 relate to the collections more generally.

For complete program guidelines and application instructions, see the CHF website.

- URL: [http://www.chemheritage.org/research/beckman-center/beckman-center-fellowships/index.aspx?utm\\_source=BeckmanCenter&utm\\_medium=web&utm\\_campaign=redirect](http://www.chemheritage.org/research/beckman-center/beckman-center-fellowships/index.aspx?utm_source=BeckmanCenter&utm_medium=web&utm_campaign=redirect)

### **Science, Technology, Engineering**

*U.S. Department of Defense (DoD) - Engineer Research and Development Center*

**Due Date: 1/31/15**

The U.S. Army Engineer Research and Development Center (ERDC) seeks proposals under authority of the National Defense Education Act (1959) and under the Pre-Engineering Program (PEP) to stimulate young pupils in the sciences, technology, engineering and mathematics (STEM). **W912HZ-14-BAA-1000**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=250248>

## **ARTS & HUMANITIES**

### **Teacher Enrichment Grants**

*Music Teachers National Association (MTNA) Foundation*

**Due Date: 1/5/2015**

Grants are provided to music teachers for private study, specific college-level course work or other projects that will enhance the performing and teaching skills of the applicant. Teacher Enrichment Grants may be used for private study, college-level course work or special projects in performance, pedagogy, music theory and composition. The grant is not intended to be used to pursue course work toward a degree, for travel funds or for ongoing projects. However, a grant may be approved for one additional year at the discretion of the Teacher Enrichment Grant Evaluation Committee. The number of grants awarded in any year is determined by the number of qualified applicants and available funds.

- URL: <http://www.mtnafoundation.org/mtna-grants/teacher-enrichment-grants/teacher-enrichment-grant-guidelines/>

### **Media Projects: Development and Production Grants**

*National Endowment for the Humanities (NEH)*

**Due Date: 1/14/2015**

NEH's Division of Public Programs supports activities that engage millions of Americans in understanding significant humanities works and ideas. At the center of every NEH-funded public



humanities project is a core set of humanities ideas developed by scholars, matched to imaginative formats that bring those ideas to life for people of all ages and all walks of life. Projects must be analytical and deeply grounded in humanities scholarship in a discipline such as history, religion, anthropology, jurisprudence, or art history. NEH is a national funding agency, so the projects we support must demonstrate the potential to attract a broad, general audience. We welcome humanities projects tailored to particular groups, such as families, youth (including K-12 students), teachers, seniors, at-risk communities, and veterans, but they should also strive to cultivate a more inclusive audience. **Media Projects grants support the following formats:**

- **film and television projects; and**
- **radio projects.**

**Film and television projects** may be single programs or a series addressing significant figures, events, or ideas. Programs must be intended for national distribution. The Division of Public Programs welcomes projects ranging in length from short-form to broadcast-length video.

**Radio projects** may involve single programs, limited series, or segments within an ongoing program. They may also develop new humanities content to augment existing radio programming or add greater historical background or humanities analysis to the subjects of existing programs. They may be intended for regional or national distribution.

NEH encourages projects that engage public audiences through multiple formats in the exploration of humanities ideas. Proposed projects might include complementary components to a film, television, or radio project. These components should deepen the audience's understanding of the subject: for example, websites, mobile applications, museum exhibitions, book/film discussion programs, or podcasts.

**Development grants** enable media producers to collaborate with scholars to develop humanities content and to prepare programs for production. Grants should result in a script and should also yield a detailed plan for outreach and public engagement in collaboration with a partner organization or organizations.

- **URL:** <http://www.neh.gov/grants/public/media-projects-development-grants>

**Production grants** support the production and distribution of films, television programs, radio programs, and related programs that promise to engage the public.

- **URL:** <http://www.neh.gov/grants/public/media-projects-production-grants>

## **Museums, Libraries, and Cultural Organizations: Implementation and Planning Grants**

*National Endowment for the Humanities (NEH)*

**Due Date: 1/14/2015**

NEH's Division of Public Programs supports activities that engage millions of Americans in understanding significant humanities works and ideas. At the center of every NEH-funded public humanities project is a core set of humanities ideas developed by scholars, matched to imaginative formats that bring those ideas to life for people of all ages and all walks of life. Projects must be analytical and deeply grounded in humanities scholarship in a discipline such as history, religion, anthropology, jurisprudence, or art history. NEH is a national funding agency, so the projects we support must demonstrate the potential to attract a broad, general audience. We welcome humanities projects tailored to particular groups, such as families, youth (including K-12 students), teachers, seniors, at-risk communities, and veterans, but they should also strive to cultivate a more inclusive audience. Museums, Libraries, and Cultural Organizations grants provide support for museums, libraries, historic places, and other organizations that produce public programs in the humanities. **Grants support the following formats:**

- **exhibitions at museums, libraries, and other venues;**
- **interpretations of historic places, sites, or regions; and**
- **book/film discussion programs; living history presentations; and other face-to-face programs at libraries, community centers, and other public venues.**

NEH encourages projects that explore humanities ideas through multiple formats. Proposed projects might include complementary components that deepen an audience's understanding of a subject: for example, a museum exhibition might be accompanied by a website, mobile app, or discussion programs.

**Implementation grants** support final scholarly research and consultation, design development, production, and installation of a project for presentation to the public.

- **URL:**<http://www.neh.gov/grants/public/museums-libraries-and-cultural-organizations-implementation-grants>

**Planning grants** support the early stages of project development, including consultation with scholars, refinement of humanities themes, preliminary design, testing, and audience evaluation.

- **URL:**<http://www.neh.gov/grants/public/museums-libraries-and-cultural-organizations-planning-grants>

## Artslink Projects

*CEC Artslink*

**Due Date: 1/15/2015**

ArtsLink Projects support to US artists, curators, presenters and arts organizations undertaking projects in any of the 37 eligible countries listed on the ArtsLink website. Applicants must be working with an artist or organization in that region and projects should be designed to benefit participants and audiences in both the US and the host country. In 2015, applications will be accepted from individual artists, presenters and non-profit arts organizations working in visual and media arts. In 2016, applications will be accepted from individual artists, curators and non-profit arts organizations working in dance, music, theater and literature. ArtsLink has a cycle of alternate year deadlines according to discipline. Support is provided to:

- create new work that draws inspiration from interaction with artists and the community in the country visited;
- establish mutually beneficial exchange of ideas and expertise between artists, arts organizations, and the local community;
- pursue artist cooperation that will enrich creative or professional development, or has potential to expand the community's access to the art of other cultures.
- **URL:** [http://www.cecartslink.org/grants/artslink\\_projects/](http://www.cecartslink.org/grants/artslink_projects/)

## Ransom Center Fellowships

*University of Texas, Austin: Harry Ransom Center*

**Due Date: 1/15/2015**

The Harry Ransom Center, an internationally renowned humanities library and museum at the University of Texas at Austin, will award approximately 70 fellowships for 2015-2016 projects that require substantial on-site use of its collections. The fellowships support research in all areas of the humanities, including literature, photography, film art, the performing arts, music, and cultural history.

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

## EDUCATION

### Education Research Using Large Scale Data Sets

*American Educational Research Association (AERA)*

**Due Date: 1/15/2015**

The [American Educational Research Association](#) has announced the continuation of its AERA grants program, which provides small grants and training for researchers who conduct studies of education policy and practice using quantitative methods, including the analysis of data from the large-scale data sets sponsored by [the National Center for Education Statistics](#) and [National Science Foundation](#). Support is available in two categories: **1) Research Grants** are available for faculty at institutions of higher education, postdoctoral researchers, and other doctoral-level scholars. Applications are encouraged from a variety of disciplines, including but not limited to education, sociology, economics, psychology, demography, statistics, and psychometrics. **2) Dissertation Grants** are available for advanced doctoral students and are intended to support the student while writing the doctoral dissertation. AERA invites education-related dissertation proposals using NCES, NSF, and other federal databases. Applicants may be United States citizens, U.S. permanent residents, or non-U.S. citizens, and must be working at a U.S. institution.

- URL: <http://www.aera.net/Default.aspx?TabID=10242>

### Research Grants/Awards

*American College of Sports Medicine (ACSM) Foundation*

**Due Date: 1/16/2015**

ACSM's Foundation Research Grant Program started in 1989 with one research initiative in basic and applied science, and it awarded \$50,000 among five doctoral research students. In 2014, the Foundation awarded approximately \$140,000 among 24 research students. Grants in this program and other programs are listed below:

- **Research Endowment**
- **Raymond and Rosalee Weiss Research Endowment**
- **ACSM Foundation Doctoral Student Research Grant**
- **Carl V. Gisolfi Memorial Fund**
- **Paffenbarger-Blair Fund for Epidemiological Research on Physical Activity**
- **NASA Space Physiology Research Grant**
- **Clinical Sports Medicine Endowment**

- URL: <http://www.acsm.org/find-continuing-education/awards-grants/research-grants>

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## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### **Sustainable and Holistic Integration of Energy Storage and Solar PV (SHINES)**

*U.S. Department of Energy (DoE)*

**Due Date: Concept Papers 12/16/2014; Full Applications 3/19/2015**

The [Sustainable and Holistic Integration of Energy Storage and Solar PV \(SHINES\) funding opportunity announcement](#) (FOA) seeks projects enabling the development and demonstration of integrated, scalable, and cost-effective technologies for solar that incorporate energy storage and work seamlessly to meet both consumer needs and the needs of the electricity grid. Successful projects will utilize smart inverters and will be capable of working with smart buildings, smart appliances, and utility communication and control systems. Solutions developed in SHINES will enable widespread sustainable deployment of low-cost, flexible, and reliable PV generation, and will provide for successful integration of PV power plants with the electric grid. These projects will directly support SunShot's mission supporting the development of technologies and processes that will lead to the sustainable and holistic integration of hundreds of gigawatts of solar generation into the power grid. The total federal funding for this opportunity will be approximately \$15 million with a minimum 50% required awardee cost share. Individual awards can range from \$500,000 to \$5,000,000.

- URL: <http://energy.gov/eere/sunshot/sustainable-and-holistic-integration-energy-storage-and-solar-pv-shines>

### **Partnerships for Innovation: Accelerating Innovation Research – Research Alliance (PFI:AIR-RA)**

*National Science Foundation (NSF)*

**Due Date: Letters of Intent 1/12/2015; Full Proposals 2/18/2015**

The NSF Partnerships for Innovation (PFI) program within the Division of Industrial Innovation and Partnerships (IIP) is an umbrella for two complementary subprograms, Accelerating Innovation Research (AIR) and Building Innovation Capacity (BIC). Both programs are concerned with the movement of academic research discoveries into the marketplace, although each focuses on different stages along the innovation spectrum. The PFI:AIR program has two additional subprograms: the PFI:AIR-Technology Translation (See [NSF 14-569](#)) and PFI:AIR- Research Alliance (this solicitation). This PFI:AIR-Research Alliance (RA) solicitation is intended to accelerate the translation and transfer of existing research discoveries into competitive technologies and commercial realities by leveraging the investments NSF has made in research consortia (e.g., Engineering Research Centers, Industry University Cooperative Research Centers, Science and Technology Centers, Nanoscale Science and Engineering Centers, Materials Research Science and Engineering Centers, Centers for Chemical Innovation, and others) and catalyzing academic-based innovation ecosystems. The goal is that these



synergistic partnerships and collaborations between government, academia, and other public and private entities will result in new wealth and the building of strong local and regional economies. **NSF 14-612**

- URL: <http://www.nsf.gov/pubs/2014/nsf14612/nsf14612.htm>

## HEALTH, LIFE & EARTH SCIENCES

### DoD Neurosensory and Rehabilitation Research Award

*U.S. Department of Defense (DoD) – Department of the Navy*

**Due Date: Preapplications 12/10/2014; Applications 2/11/2015**

The FY14/15 CRMRP Neurosensory and Rehabilitation Research Award (NSRRA) is intended to support both applied (preclinical) research and clinical trials addressing TBI within specific Focus Areas of pain management, hearing loss/dysfunction, balance disorders, tinnitus, vision, or physical rehabilitation. **W81XWH-14-CRMRP-NSRRA**

- URL: <http://www.grants.gov/web/grants/search-grants.html?keywords=CFDA%20Number%2012.420>.

### Medical Education Research

*MedU*

**Due Date: Letters of Intent 12/12/2014; Invited Applications 3/13/2015**

[MedU](#), a nonprofit medical education organization, advances medical education through the collaborative development, maintenance, and research of innovative and comprehensive computer-assisted instruction programs. Through its Research Grants program, the organization will award two to five grants of up to \$25,000 each for research — both qualitative and quantitative — in the areas of learning analytics, instructional design, and effectiveness studies. Preference will be given to multi-institutional and cross-disciplinary studies. Projects should be completed in one or two years. For approved grants, MedU will provide in-kind grant support for data access and analysis needed to achieve the research goals. To be eligible, applicants must be an M.D., Ph.D., or Ed.D. investigator. Principal investigators not at the doctorate level will need a letter of support from a doctorate-level research sponsor.

- URL: <http://www.med-u.org/collaboration/2013/8/grant-opportunities>

## **NIBIB Quantum Program: Technological Innovation to Solve a Major Medical or Public Health Challenge (U01)**

*National Institutes of Health (NIH) – National Institute of Biomedical Imaging and Bioengineering (NIBIB)*

**Due Date: Letters of Intent 12/12/2014; Applications 1/26/2015**

The goal of the National Institute of Biomedical Imaging and Bioengineering (NIBIB) Quantum Program is to achieve a profound (quantum) advance over present-day approaches to the prevention, detection, diagnosis, and/or treatment of a major disease or national public health problem primarily through the development of biomedical engineering/biomedical imaging technologies. In order to realize a profound advance against a major disease or national public health problem, this announcement supports research to develop and prepare a target technology for clinical efficacy at the completion of Quantum funding (which may include up to two competitive renewals). The NIBIB mission is to improve human health by leading the development and acceleration of the application of biomedical technologies. Major biomedical technologies, emerging from the interface of the engineering, physical, and life sciences such as MR imaging, endoscopic devices for minimally invasive surgery, the cochlear implant, and the pacemaker have had a profound impact on human health and quality of life. In many cases, realization of a quantum impact from a new biomedical technology can only be achieved if the needed intellectual and financial resources are focused on a specific targeted project in a concerted fashion. The NIBIB Quantum Program is intended to support development of biomedical technologies that will result in a profound paradigm shift in prevention, detection, diagnosis, and/or treatment of a major disease or national public health problem. **PAR-15-031**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-031.html>

## **Breakthroughs in Gerontology Awards**

*Glenn Foundation for Medical Research /American Federation for Aging Research (AFAR)*

**Due Date: Letters of Intent 12/15/2014; Invited Applications 3/18/2015**

The [American Federation for Aging Research](#), in partnership with the [Glenn Foundation for Medical Research](#), is seeking Letters of Intent for the 2015 Breakthroughs in Gerontology Awards, an annual program that provides timely support to a small number of research projects that build on early discoveries and show translational potential for clinically relevant strategies, treatments, and therapeutics related to human aging and health span. Two grants of up to \$200,000 over two years will be awarded for translational studies involving human subjects, human cells and tissues, and mice and other mammals. Priority will be given to proposals that have a near-term potential for translation. Award recipients are expected to attend the AFAR Grantee Conference, an annual

meeting that aims to promote scientific and personal exchanges among recent AFAR grantees and experts in aging research. To be eligible, applicants must be full-time faculty members at the level of assistant professor or higher. A strong record of independent publication beyond the postdoctoral level is a requirement. Individuals who are employees in the NIH Intramural program are not eligible. In addition, the proposed research may be conducted at any type of nonprofit setting in the United States.

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

### **Julie Martin Mid-Career Award in Aging Research**

*American Federation for Aging Research (AFAR)*

**Due Date: Letters of Intent 12/15/2014; Invited Applications 3/18/2015**

Sponsored by the [Ellison Medical Foundation](#) and administered by the [American Federation for Aging Research](#), the Julie Martin Mid-Career Award in Aging Research program provides support to outstanding mid-career scientists who propose new directions of importance to biological gerontology. Proposals in areas where support from the [National Institutes of Health](#) or other traditional funding sources is unlikely because the research is high risk are particularly encouraged if they have potential to lead to major new advances in the understanding of basic mechanisms of aging. Projects investigating age-related diseases also qualify, but only 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 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. The applicant must be an associate professor who was promoted to that position (with or without tenure) after December 1, 2011. Scientists not previously engaged in aging research but whose research could lead to novel approaches in aging are eligible. Scientists already engaged in aging research but whose proposed research represents a new high-risk direction of investigation with a potential high payoff in our understanding of basic aging processes also are eligible. The proposed research must be conducted at any type of not-for-profit setting in the United States. Individuals who are employees in the NIH Intramural Program are not eligible to apply for the award. Recipients, past or present, of the Ellison Medical Foundation Senior Scholar Award in Aging also are not eligible to apply. Two four-year grants of \$550,000 will be awarded in 2015. Up to 10 percent (\$50,000) of the award may be requested for administrative/indirect costs.

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



**BRAIN Initiative: Optimization of Transformative Technologies for Large Scale Recording and Modulation in the Nervous System (U01)**

*National Institutes of Health (NIH)*

**Due Date: Letters of Intent 1/10/2015; Applications 2/10/2015**

Although invention and proof-of-concept testing of new technologies are key components of the BRAIN Initiative, to achieve their potential these technologies must also be optimized through feedback from end-users in the context of the intended experimental use. In this FOA we seek applications for thooptimization of existing and emerging technologies and approaches that have potential to address major challenges associated with recording and manipulating neural activity, at or near cellular resolution, at multiple spatial and temporal scales, in any region and throughout the entire depth of the brain. This FOA is intended for the iterative refinement of emergent technologies and approaches that have already demonstrated their transformative potential through initial proof-of-concept testing, and are appropriate for accelerated development of hardware and software while scaling manufacturing techniques towards sustainable, broad dissemination and user-friendly incorporation into regular neuroscience practice. Proposed technologies should be compatible with experiments in behaving animals, and should include advancements that enable or reduce major barriers to hypothesis-driven experiments. Technologies may engage diverse types of signaling beyond neuronal electrical activity for large-scale analysis, and may utilize any modality such as optical, electrical, magnetic, acoustic or genetic recording/manipulation. Applications that seek to integrate multiple approaches are encouraged. Applications are expected to apply expertise that integrates appropriate domains of expertise, including where appropriate biological, chemical and physical sciences, engineering, computational modeling and statistical analysis. **RFA-NS-15-004**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-15-004.html>

## **SOCIAL & BEHAVIORAL SCIENCES**

### **Community Action Grants**

*American Association of University Women (AAUW)*

**Due Date: 1/15/2015**

The [American Association of University Women](#) strives to promote equity and education for women and girls. Since the organization's founding in 1881, AAUW members have examined and taken positions on the fundamental issues of the day — educational, social, economic, and political. AAUW

is accepting applications for its Community Action Grants Program, an annual program that provides funds to individuals, AAUW branches, and AAUW state organizations as well as community-based nonprofit organizations for innovative programs and non-degree research projects that promote education and equity for women and girls. The program offers one-year grants of up to \$7,000 to support community-based projects and two-year grants of up to \$10,000 to provide start-up funds for new projects that address the particular needs of the community and develop girls' sense of efficacy through leadership or advocacy opportunities. Project topic areas are unrestricted but should include a clearly defined activity that promotes education and equity for women and girls. Special consideration will be given to projects focused on the achievements of K-12 girls and community college women in science, technology, engineering, or math. To be eligible, individual applicants must be women who are citizens or permanent residents of the United States. Nonprofit organizations must be based in the U.S. Grant projects must have direct public impact, be nonpartisan, and take place within the U.S. or its territories.

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

## Political Science

*National Science Foundation (NSF)*

**Due Date: 1/15/2015, 8/15/2015**

The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions. In recent years, program awards have supported research projects on bargaining processes; campaigns and elections, electoral choice, and electoral systems; citizen support in emerging and established democracies; democratization, political change, and regime transitions; domestic and international conflict; international political economy; party activism; political psychology and political tolerance. The Program also has supported research experiences for undergraduate students and infrastructural activities, including methodological innovations, in the discipline. **PD 98-1371**

- URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5418](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5418)



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## Sociology

*National Science Foundation (NSF)*

**Due Date: 1/15/2015, 8/15/2015**

The Sociology Program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The Program supports both original data collections and secondary data analysis that use the full range of quantitative and qualitative methodological tools. Theoretically grounded projects that offer methodological innovations and improvements for data collection and analysis are also welcomed. The Sociology Program also funds doctoral dissertation research to defray direct costs associated with conducting research, for example, dataset acquisition, additional statistical or methodological training, meeting with scholars associated with original datasets, and fieldwork away from the student's home campus. **PD 98-1331**

- URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5369](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5369)

## STUDENTS

### Facebook Fellowship Program

*Facebook*

**Due Date: 1/5/2014**

The Fellowship Program is open to full-time PhD students around the world who are enrolled during the current academic year(s) and studying computer science, computer engineering, electrical engineering, system architecture, or a related area. **Each Facebook Fellowship includes several benefits:**

- Tuition and fees will be paid for the academic year(s)
- \$37,000 yearly grant
- Paid visit to Facebook HQ to present your research
- Opportunity for a paid internship at Facebook

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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).

**Facebook accepts applications from students interested in the following academic research areas:**

- Architecture
- Computer Vision
- Data Mining
- Databases
- Distributed Systems
- Economics and Computation
- Human-Computer Interaction & Social Computing
- Machine Learning
- Natural Language Processing
- Networking & Operating Systems
- Programming Languages & Compilers
- Security & Privacy
- Software Engineering
  
- **URL:** <https://www.facebook.com/notes/facebook-fellowship-program/facebook-fellowship-program-2015-2016-academic-years/1657396827819570>