



Funding Bulletin

November 7th, 2014 (Vol. 2, No. 4)

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

NOTICE – The Funding Bulletin is available 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/>

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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 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, 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) Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)

National Science Foundation (NSF)

Due Dates: Internal 11/7/2014; Letters of Intent 12/3/2014; Full Proposals 1/28/2015

The Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) program supports academe-industry partnerships, which are led by an interdisciplinary academic research team with a least one industry partner to build technological, human, and service system innovation capacity. These

partnerships focus on the integration of technologies into a specified human-centered smart service system with the potential to achieve transformational change in an existing service system or to spur an entirely new service system. These technologies have been inspired by existing breakthrough discoveries. **Academic institutions are limited to participation on two (2) proposals as a lead institution preferably involving distinct application areas. NSF 14-610**

- URL: <http://www.nsf.gov/pubs/2014/nsf14610/nsf14610.htm>

(2) NINDS Institutional Center Core Grants to Support Neuroscience Research (P30)

National Institute of Neurological Disorders and Stroke (NINDS)

Due Date: Internal 11/7/2014; Letter of Intent 11/29/2014; Application 12/29/2014

This Funding Opportunity Announcement (FOA) invites applications for Center Core Grants that provide resources and facilities shared by a minimum of six NINDS-supported investigators, and supporting a wider base of neuroscience research. The proposed Centers should offer services and expertise that would be difficult or impractical to support in individual labs. The Centers are expected to capitalize on economies and synergies associated with shared resources, and to foster a collaborative environment among neuroscientists at host institutions. **RFA-NS-14-013 Only one application per institution is allowed.**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-14-013.html>

(3) 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. 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 funded¹ 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 funded¹ 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

(4) The Midlife in the United States Study (U19)

National Institutes of Health (NIH) – National Institute in 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>

(5) 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

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 or Campus Box 7.

For more information, visit

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

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 6th 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

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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 or Campus Box 7.

For more information, visit

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

GENERAL

Research Project Call for Applications

University of Kansas NIH COBRE Center for Molecular Analysis of Disease Pathways (CMADP)

Due Date: Letters of Intent due 11/24/2014; Full Applications by invitation 1/20/2015

The Center for Molecular Analysis of Disease Pathways (CMADP) at the University of Kansas provides participating investigators with research support, mentoring and access to Core Lab Services in a collegial, collaborative atmosphere. We anticipate being able to support up to five (5) new Research Projects at up to \$120,000 direct costs per year for one year, renewable for a second year, starting May 1, 2015. Applications must describe a research project that fits well with the scientific theme of our Center and that will make good use of one or more of the [CMADP Core Labs](#). This competition is open to all full time, tenure-track, or tenured faculty at Kansas State University, the University of Kansas, the University of Kansas Medical Center or Wichita State University whose research embraces the molecular analysis of disease pathways in the broadest sense.

- URL: http://cmadp.cobre.ku.edu/research_project_RFA

12th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet

U.S. Environmental Protection Agency (EPA)

Due Date: 12/16/2014

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

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improved quality of life, 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. Please see the [P3 website](#) for more details about this program.

- URL: <http://www.epa.gov/ncer/rfa/2015/2015-p3.html>

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

National Science Foundation (NSF)

Due Date: Letters of Intent 12/10/2014; Full Proposals 1/26/2015

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Rapid advances within and across disciplines have led to newly converging theories, models, empirical methods and findings, opening new opportunities to understand complex aspects of the brain in action and in context. Innovative, integrative, boundary-crossing approaches are necessary to push the field forward. This solicitation describes the first phase of a new NSF program to support transformative and integrative research that will accelerate understanding of neural and cognitive systems. NSF seeks exceptional proposals that are bold, potentially risky, and transcend the perspectives and approaches typical of disciplinary research programs. This multi-directorate program is one element of NSF's broader aim to foster innovation in Cognitive Science and Neuroscience, a multi-year effort that includes NSF's participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative (<http://www.nsf.gov/brain/>). **NSF 14-611**

- URL: <http://www.nsf.gov/pubs/2014/nsf14611/nsf14611.htm>

Fellowships/Grants for Research on Science, Technology in East Asia

D. Kim Foundation

Due Date: 12/15/2014

The [D. Kim Foundation for the History of Science and Technology in East Asia](#) provides fellowships and grants in support of graduate students and young scholars pursuing studies in the history of science and technology in East Asia from the beginning of the 20th century to the present. Comparative studies of East Asia and the West as well as studies in related fields (mathematics, medicine, and public health) are also welcome. 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: 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: 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: 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 conducting short-term research projects (less than a month).
- 2) Group: Several grants up to \$5,000 each will be awarded to groups that organize workshops or international meetings. These meetings should be conducted in English.

Visit the D. Kim Foundation Web site for complete program guidelines and application instructions.

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

ARTS & HUMANITIES

Translation Projects

National Endowment for the Arts (NEA)

Due Date: 12/8/2014

Through fellowships to published translators, the Arts Endowment supports projects for the translation of specific works of **prose, poetry, or drama** from other languages into English. We encourage translations of writers and of work that are not well represented in English translation. All proposed projects must be for creative translations of literary material into English. The work to be translated should be of interest for its literary excellence and value. Priority will be given to projects that involve work that has not previously been translated into English. Competition for fellowships is rigorous. Potential applicants should consider carefully whether their work will be competitive at the national level.

- URL: <http://arts.gov/grants-individuals/translation-projects/grant-program-description>



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RESEARCH AND
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Collaborative Research Grants

National Endowment for the Humanities

Due Date: 12/9/2014

Collaborative Research Grants support interpretive humanities research undertaken by a team of two or more scholars, for full-time or part-time activities for periods of one to three years. Support is available for various combinations of scholars, consultants, and research assistants; project-related travel; field work; applications of information technology; and technical support and services. All grantees are expected to communicate the results of their work to the appropriate scholarly and public audiences. Eligible projects include:

- research that significantly adds to knowledge and understanding of the humanities;
 - conferences on topics of major importance in the humanities that will benefit scholarly research;
 - archaeological projects that include the interpretation and communication of results (projects may encompass excavation, materials analysis, laboratory work, field reports, and preparation of interpretive monographs); and
 - research that uses the knowledge and perspectives of the humanities and historical or philosophical methods to enhance understanding of science, technology, medicine, and the social sciences.
- URL: <http://www.neh.gov/grants/research/collaborative-research-grants>

Scholarly Editions and Translations Grants

National Endowment for the Humanities

Due Date: 12/9/2014

Scholarly Editions and Translations grants support the preparation of editions and translations of pre-existing texts and documents of value to the humanities that are currently inaccessible or available in inadequate editions. These grants support full-time or part-time activities for periods of one to three years. Projects must be undertaken by a team of at least one editor or translator and one other staff member. Grants typically support editions and translations of significant literary, philosophical, and historical materials, but other types of work, such as musical notation, are also eligible. Applicants should demonstrate familiarity with the best practices recommended by the [Association for Documentary Editing](#) or the [Modern Language Association Committee on Scholarly Editions](#). Translation projects should also explain the approach adopted for the particular work to be translated. Editions and translations produced with NEH support contain scholarly and critical apparatus appropriate to the subject matter and format of the edition. This usually means introductions and annotations that provide essential information about the form, transmission, and

historical and intellectual context of the texts and documents involved. Proposals for editions of foreign language materials in the original language are eligible for funding, as well as proposals for editions of translated materials.

- URL: <http://www.neh.gov/grants/research/scholarly-editions-and-translations-grants>

Academic Program Grants

Terra Foundation for American Art

Due Date: Letters of Inquiry 12/15/2014; Proposals 3/2/2015

The Terra Foundation will fund academic programs, such as symposia, colloquia, and workshops, that contribute new insights and scholarship about the art and design that emerged from Chicago (1871-2000); Chicago's distinctive character as an art and design center and the diverse factors that have shaped the city's artistic culture; and ways in which Chicago's artists and designers have engaged with and contributed to culture nationally and internationally. The foundation has a special interest in projects that add a national or international dimension to the study of Chicago art and design. In support of initiative goals and priorities, the foundation encourages projects that:

- generate lasting research resources and records, such as symposium papers and videos of presentations, that are made widely available;

- include contributions not only from Chicago-based scholars, but from those based elsewhere in the United States and abroad.

- URL: <http://www.terraamericanart.org/grants/chicago-art-design-initiative-grants/chicago-art-design-initiative-academic-program-grants/>



BUSINESS

Steven H. Sandell Grant Program

Center for Retirement Research at Boston College

Due Date: 1/31/2015

The Center for Retirement Research sponsors the annual Steven H. Sandell Grant Program for scholars in the field of retirement research and policy. The program is funded by the U.S. Social Security Administration to provide opportunities for junior scholars from all academic disciplines to pursue cutting-edge projects on retirement income issues. Priority areas include:

- Social Security
- Macroeconomic analyses of Social Security
- Wealth and retirement income
- Program interactions
- International research
- Demographic research

- URL: <http://crr.bc.edu/about-us/grant-programs/steven-h-sandell-grant-program-2/>

EDUCATION

OSERS-OSEP: Personnel Development to Improve Services and Results for Children with Disabilities: Preparation of Special Education, Early Intervention, and Related Services Leadership Personnel

U.S. Department of Education (ED)

Due Date: 12/12/2014

The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, related services, early intervention, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children.

- URL: <http://www.gpo.gov/fdsys/pkg/FR-2014-10-22/pdf/2014-25188.pdf>



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RESEARCH AND
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ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Science, Technology, Engineering and Mathematics (STEM) Workforce

Office of Naval Research (ONR)

Due Date: 12/31/2014

The Office of Naval Research (ONR) seeks proposals for developing innovative solutions that directly support the development and maintenance of a robust Science, Technology, Engineering and Mathematics (STEM) workforce. The goal of any proposed effort should be to provide "game changing" solutions that will establish and maintain a diverse pipeline of U.S. citizens who are interested in uniformed or civilian Naval STEM related workforce opportunities. While this announcement is relevant for any stage of the STEM pipeline, for FY14, funding efforts will be targeted primarily towards High School, Undergraduate, and Graduate STEM education and outreach designed to enhance the Navy and Marine Corps STEM workforce and its mission readiness. Emphasis will be given both to key engineering and scientific areas outlined in the Naval S&T Strategic Plan such as our National Naval Responsibilities (see ONR website), and to identified STEM –related workforce gaps and new strategic goals on the uniformed and civilian side. Currently, we are especially interested in efforts related to developing information technology/ computer science/ cyber security expertise, strengthening the engineering disciplines across all Naval activities, as well as improving our technician pipeline. While not a formal requirement or program focus of this FOA, applicants are strongly encouraged to consider under-represented populations including women and minorities in program plans. **ONRFOA14-002**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=249637>

Scalable Nanomanufacturing (SNM)

National Science Foundation (NSF)

Due Date: 1/20/2015

The National Science Foundation (NSF) announces a fifth year of a program on collaborative research and education in the area of Scalable Nanomanufacturing. This program is in response to and is a component of the National Nanotechnology Initiative Signature Initiative: *Sustainable Nanomanufacturing - Creating the Industries of the Future* (<http://www.nano.gov/node/611>). **Although many nanofabrication techniques have demonstrated the ability to fabricate small quantities of nanomaterials, nanostructures and nanodevices for characterization and evaluation purposes, the emphasis of the Scalable Nanomanufacturing program is on research to overcome the key scientific and technical barriers that prevent the production of useful nanomaterials, nanostructures, devices and systems at an industrially relevant scale, reliably, and at low cost and**

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within environmental, health and safety guidelines. Competitive proposals will incorporate three elements in their research plans:

- A persuasive case that the nanomaterials, nanostructures, devices or systems to be produced have or are likely to have sufficient demand to justify eventual scale-up;
- A clearly identified set of research issues for science and engineering solutions that must be addressed to enable the production of high quality nano-enabled products at low cost; and
- A compelling research plan with clear objectives and approaches to overcome the identified research issues.
- The mode of support is Nanoscale Interdisciplinary Research Teams (NIRT).

NSF 15-507

- **URL:**http://www.nsf.gov/pubs/2015/nsf15507/nsf15507.htm?WT.mc_id=USNSF_25&WT.mc_ev=click#pgm_desc_txt

US Ignite

National Science Foundation (NSF)

Due Date: 1/21/2015

US Ignite is an Administration initiative seeking to promote US leadership in the development and deployment of next-generation gigabit applications with the potential for significant societal impact. The primary goal of US Ignite is to break a fundamental deadlock: there is insufficient investment in gigabit applications that can take advantage of advanced network infrastructure because such infrastructure is rare and dispersed. And conversely, there is a lack of broad availability of advanced broadband infrastructure for open experimentation and innovation because there are few advanced applications and services to justify it. US Ignite aims to break this deadlock by providing incentives for imagining, prototyping, and developing public sector gigabit applications, and by leveraging and extending this network testbed across US college/university campuses and cities. This solicitation builds on the experience gained from initial US Ignite activities to further engage the US academic research and non-profit communities along with local cities, municipalities, and regions in exploring the challenges of developing and applying next-generation networking to problems of significant public interest and benefit. In particular, this solicitation has two tracks: the first encourages the development of applications in national priority areas that explore new uses for networks, giving rise to novel networking and application paradigms; and the second expands and enhances the ecosystems in which these applications will evolve and be evaluated. **NSF 15-508**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15508/nsf15508.htm?WT.mc_id=USNSF_25&WT.mc_ev=click



Research in Engineering Education (REE)

National Science Foundation (NSF)

Due Date: 1/22/2015

The Division of Engineering Education and Centers (EEC) supports creation of a more agile engineering education ecosystem, equally open and available to all members of society, that dynamically and rapidly adapts to meet the changing needs of society and the Nation's economy. Research is sought that will inform systemic change across all parts of the ecosystem; areas of interest include, but are not limited to:

1. Diversifying pathways to and through engineering degree programs.
2. Exploring credentialing in engineering education.
3. Understanding how to scale engineering education innovations.
4. Advancing engineering learning in broader eco-systems such as innovation, globalization, or sustainability.
5. Developing engineering-specific learning theories.

PD 10-1340

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503584

HEALTH, LIFE & EARTH SCIENCES

Minority Initiatives Awards

American Physical Therapy Association

Due Date: 12/1/2014

The [American Physical Therapy Association](http://www.apta.org) is accepting nominations of physical therapy education programs for its annual Minority Initiatives Awards. The awards recognize planned, comprehensive initiatives that can assist in the recruitment, admission, retention, and graduation of minority students, and/or initiatives designed to sustain or increase the number of minority faculty recruited, employed, and retained over a period of at least three years. Recipients will receive an engraved plaque and a monetary award of \$2,500. Eligible programs include those that are accredited by the [Commission on Accreditation in Physical Therapy Education](http://www.caaet.org) and have been ongoing for at least three years. Visit the APTA website for complete program guidelines, information about past recipients, and nomination instructions.

- URL: <http://www.apta.org/HonorsAwards/Awards/MinorityInitiatives/>



Pilot Studies in Ovarian Cancer Research

Rivkin Center

Due Date: 12/2/2014

The [Marsha Rivkin Center for Ovarian Cancer Research](http://www.marsharivkin.org/research/apply.html) provides funding and grants to encourage up-and-coming investigators to pursue careers in ovarian cancer research, as well as funding for early detection screening and national and international research symposia. The center currently is accepting applications for pilot study projects in ovarian cancer research. Through its Pilot Study Program, the center will award approximately ten grants of \$75,000 each in support of investigator-initiated projects in all areas of ovarian cancer research. Priority will be given to proposals that are innovative, multidisciplinary, likely to lead to independently funded investigations, and that have translational research potential. Projects designed to analyze data from already funded clinical trials also will be considered. Investigators at all levels are encouraged to apply.

- URL: <http://www.marsharivkin.org/research/apply.html>

Analyses of Datasets on Older Populations with High Prevalence of Mobility Disability to Develop Clinically Meaningful Diagnostic Cut-Points for Low Muscle Mass and/or Low Muscle Strength (U01)

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

Due Date: Letters of Intent 12/15/2014; Applications 1/15/2015

This initiative invites applications for support of analyses of existing data (or data whose collection will be completed by one year from the date of this FOA) from older populations with high prevalence of mobility disability, low muscle mass, and low muscle strength (weakness). Interventions targeted at low muscle mass and/or weakness may prevent or reduce mobility disability in some older persons. To assess the efficacy of such interventions against mobility disability, there is a need to test them in persons in whom muscle mass and/or strength are (or will be) sufficiently low to be likely contributors to disability. Thus there is a need for evidence-based diagnostic cut-points to define target populations for treatments. Applications submitted in response to this FOA should support development and evaluation of diagnostic cut-points based on analyses of relations of mobility disability to muscle mass and strength. These analyses should extend and expand upon analyses to date on this topic, which have identified and proposed cut-points for low muscle mass and weakness. Studies supported through this FOA should clarify relations between muscle mass and strength, impaired physical function, and mobility disability, and their implications for setting diagnostic cut-points, through analyses of data from populations with substantially more individuals with mobility disability than were included in previous analyses. Applicants are encouraged to consider combining datasets from multiple populations that contain information on all of the following: at least one objective

measure of muscle mass at the same anatomic site(s) common to all included studies, at least one direct measure of muscle strength common to included data sets, gait speed, and self-reported mobility status in populations of older adults. Analyses of relations to other measures of strength, muscle power, and physical performance (e.g., Short Physical Performance Battery), and mobility disability are encouraged. **RFA-AG-15-013**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-15-013.html>

Health Policy and Administration Projects

American Physical Therapy Association

Due Date: 12/31/2014

The [American Physical Therapy Association](#) is seeking applications for projects designed to stimulate, encourage, and support research activities that enhance the body of knowledge related to health policy, clinical administration, global health, and the use of technology in physical therapy. The program is administered by the association's [Section on Health Policy & Administration](#). Grants of up to \$15,000 will be awarded to support new physical therapist investigators, or established investigators who are embarking on a new research agenda in the areas of physical therapist practice, leadership, administration, or education. Grants may be renewable (no-cost extension) for up to a year. To be eligible, applicants must be APTA Health Policy & Administration section members. Collaborative research with non-section members is permissible as long as the principal investigator is a member of the Section on HPA. Visit the APTA website for complete program guidelines and application instructions.

- URL: <http://www.aptahpa.org/?page=34>

Water Quality Benefits

U.S. Environmental Protection Agency (EPA)

Due Date: 1/14/2015

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research to advance knowledge of how changes in water quality, including incremental or step improvements, can be valued at appropriate spatial scales using advanced non-use valuation methods for the Nation's inland fresh water small streams, lakes and rivers, estuaries, coastal waters, and the Great Lakes. For purposes of this Request for Applications (RFA), small streams are defined as streams that are perennial and wadeable. **EPA-G2015-STAR-A1**

- URL: <http://www.epa.gov/ncer/rfa/2015/2015-star-water-quality.html>

MULTIPLE DISCIPLINES

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

National Science Foundation (NSF)

Due Date: Letters of Intent 12/10/2014; Full Proposals 1/26/2015

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Rapid advances within and across disciplines have led to newly converging theories, models, empirical methods and findings, opening new opportunities to understand complex aspects of the brain in action and in context. Innovative, integrative, boundary-crossing approaches are necessary to push the field forward. This solicitation describes the first phase of a new NSF program to support transformative and integrative research that will accelerate understanding of neural and cognitive systems. NSF seeks exceptional proposals that are bold, potentially risky, and transcend the perspectives and approaches typical of disciplinary research programs. This multi-directorate program is one element of NSF's broader aim to foster innovation in Cognitive Science and Neuroscience, a multi-year effort that includes NSF's participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative (<http://www.nsf.gov/brain/>). For FY 2015, this competition is organized around two research themes: **Neuroengineering and Brain-Inspired Concepts and Designs** and **Individuality and Variation**. Within each theme, general advances in theory and methods, technological innovations, educational approaches, enabling research infrastructure, and workforce development are all of significant interest. Competitive proposals must be consistent with the missions of the participating directorates. Potentially groundbreaking approaches that entail significant risk are encouraged. Two classes of proposals will be considered in FY 2015. **INTEGRATIVE FOUNDATIONS** awards will support projects that develop foundational advances that are deeply connected to a broad scope of important research questions in cognitive and neural systems, and have significant potential for transformative advances in one or more of the FY 2015 thematic areas. **CORE+ EXTENSIONS** will provide additional support to projects selected for funding by other programs in the participating offices and directorates, to enable additional activities that will connect those projects to significant new integrative opportunities in cognitive and neural systems. **NSF 14-611**

- **URL:**http://www.nsf.gov/pubs/2014/nsf14611/nsf14611.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

SOCIAL & BEHAVIORAL SCIENCES

W.E.B. Du Bois Fellowship for Research in Race, Gender, Culture, and Crime FY 2015

U.S. Department of Justice (DoJ)

Due Date: 12/24/2014

The W.E.B. Du Bois Fellowship for Research in Race, Gender, Culture, and Crime provides talented researchers with an opportunity to elevate independently generated research and ideas to the level of national discussion. Prospective Fellows may apply directly as qualified individuals or through an entity listed on the title page. Prospective Fellows from all academic disciplines are welcome to apply. However, Prospective Fellows should:

1. Possess a terminal degree in their respective field.
2. Have received a terminal degree within the 6 years prior to September 30, 2015.
3. Not have been awarded tenure by September 30, 2015.

Prospective fellows should propose research that speaks directly to issues related to criminal justice, violence, and the administration of criminal justice in diverse cultural contexts within the United States. Prospective fellows from all racial and ethnic backgrounds are eligible to apply for the Du Bois Fellowship. Minorities and women are strongly encouraged to apply. Residency at NIJ is not a fellowship program requirement; however, it is an option for fellowship recipients. **NIJ-2015-3972**

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001128.pdf>

Pearson Early Career Grant

American Psychological Foundation

Due Date: 12/31/2014

The [American Psychological Foundation](#)'s Pearson Early Career Grant program is designed to encourage early career clinicians to work in an area of critical societal need. The program's goals are to support psychology's efforts to improve areas of critical need in society, including but not limited to innovative scientifically-based clinical work on serious mental illness, serious emotional disturbance, incarcerated or homeless individuals, children with serious emotional disturbance, and adults with serious mental illness. The aim of the program is to encourage early career psychologists to devote their careers to underserved populations. Applicants should be psychologists with an Ed.D., Psy.D., or Ph.D. from an accredited university and no more than seven years postdoctoral. One grant of \$12,000 will be awarded. The recipient may use grant monies for direct administrative costs

of his or her proposed project. APF does not allow indirect institutional or overhead costs. Complete program guidelines and application procedures are available at the APF Web site.

- URL: <http://www.apa.org/apf/funding/pearson.aspx>

STUDENTS

NIJ Graduate Research Fellowship Program in the Social and Behavioral Sciences

National Institute of Justice (NIJ)

Due Date: 12/24/2014

The NIJ Graduate Research Fellowship (GRF) program in social and behavioral sciences provides awards for research on crime, violence, and other criminal justice-related topics to accredited universities that offer research-based doctoral degrees. NIJ invests in doctoral education by supporting universities that sponsor students who demonstrate the potential to successfully complete doctoral degree programs in disciplines relevant to the mission of NIJ and who are in the final stages of graduate study. Applicants sponsoring doctoral students are eligible to apply only if the doctoral research dissertation has direct implications for criminal justice policy and practice in the United States. Doctoral students from social and behavioral science academic disciplines are encouraged to apply. Doctoral students from academic disciplines outside the social and behavioral sciences will **not** be considered under this solicitation. Applicants sponsoring doctoral students whose research is in the areas of science, technology, engineering, and mathematics should submit proposals to the “NIJ Graduate Research Fellowship Program in Science, Technology, Engineering, and Mathematics” solicitation. **NIJ-2015-3975**

- URL: <https://ncjrs.gov/pdffiles1/nij/SL001127.pdf>