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Funding Bulletin
November 8th, 2013 (Vol. 1, 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*

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

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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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 two limited submissions:

(1) NIH Director's Early Independence Awards (DP5)
National Institutes of Health (NIH)
Due Dates: Internal 11/15/2013; Letters of Intent 12/31/2013; Applications 1/31/2014

WSU is limited to two proposals in response to this funding opportunity. If you are interested in preparing a Letter of Intent for the Dec. 31 due date, you must notify proposals@wichita.edu by 5 p.m. Friday, Nov. 15, to allow time for an internal review of projects if needed.

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 two applications per institution are allowed. **RFA-RM-13-009**

- **URL:** *http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-13-009.html*

(2) Major Research Instrumentation Program: (MRI) Instrument Acquisition or Development
National Science Foundation (NSF)
Due Date: Internal 12/20/2013; Proposals 1/23/2014

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, and not-for-profit museums, science centers and scientific/engineering research organizations. This program especially seeks to improve the quality and expand the scope of research and research training in science and engineering, by supporting proposals for shared instrumentation that fosters the integration of research and education in research-intensive learning environments. 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

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submission-eligible organizations are encouraged. *If three proposals are submitted, at least one of the proposals must be for instrument development (i.e., no more than two proposals may be for instrument acquisition).* **NSF 13-517**

- **URL:** *http://www.nsf.gov/pubs/2013/nsf13517/nsf13517.htm*

INTERNAL OPPORTUNTIES

Award for Research/Creative (ARC)
Wichita State University
Due Date: 2/3/2014

Applications for Award for Research/Creative Projects (ARC) are due to the Office of Research and Technology Transfer by Feb. 3 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, 2014). 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=/ORAInternalGrants/ORAInternalGrants/

GENERAL

Broad Agency Announcement for Basic and Applied Scientific Research
Army Research Office (ARO)
Due Date: Proposals continually accepted through 3/31/2017

The purpose of this Broad Agency Announcement (BAA) is to solicit research proposals in the engineering, physical, life, and information sciences for submission to the Army Research Office (ARO) for consideration for possible funding. Research proposals are sought from educational institutions, nonprofit organizations, and commercial organizations for scientific research in mechanical sciences,

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environmental sciences, mathematics, electronics, computing science, physics, chemistry, life sciences, materials science and network science. Proposals will be evaluated only if they are for scientific study and experimentation directed toward advancing the state of the art or increasing knowledge and understanding. Proposals focused on specific devices or components are beyond the scope of this BAA. Prospective offerors contemplating submission of a white paper or proposal are strongly encouraged to contact the appropriate Technical Point of Contact (TPOC). **W911NF-12-R-0012**

- **URL:***http://www.arl.army.mil/www/pages/8/research/Basic_Post_version_ARO_BAA_12-R-0012KB.pdf*

Exploratory/Developmental Research Grant Program (Parent R21)
National Institutes of Health (NIH)
Due Dates: (Standard R21 due dates apply) 2/16/2014, 6/16/2014, 10/16/2014

The National Institutes of Health (NIH) Exploratory/Developmental Grant (R21) funding opportunity supports the development of new research activities in categorical program areas. The R21 activity code is intended to encourage exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. Use this funding opportunity announcement for due dates of September 25, 2013 and beyond. PA-13-303 (NIHG 8/2/13)

- **URL:** *http://grants.nih.gov/grants/guide/pa-files/PA-13-303.html*

ARTS & HUMANITIES

The Big Read
National Endowment for the Arts (NEA)
Due Date: 1/28/2014

The Big Read is a program of the National Endowment for the Arts in partnership with Arts Midwest designed to revitalize the role of literature in American culture and to encourage citizens to read for pleasure and enlightenment. The Big Read provides organizations with grants and comprehensive resources that support their efforts to read and discuss a single book or the work of a poet. The Big Read supports organizations across the country in developing community-wide reading programs

which encourage reading and participation by diverse audiences. These programs include activities such as author readings, book discussions, art exhibits, lectures, film series, music or dance events, theatrical performances, panel discussions, and other events and activities related to the community's chosen book or poet. Organizations selected to participate receive a grant, access to online training resources and opportunities, and educational and promotional materials designed to support widespread community involvement. Applicant organizations must partner with a library (if the applicant itself is not a library). Partnerships are encouraged with middle and/or high schools, working with teachers, curriculum specialists, or school librarians. Partnerships are also encouraged with such community organizations as bookstores, museums, arts organizations, local businesses, community service organizations, community centers, youth groups, senior centers, correctional institutions, community colleges, universities, social service organizations, and military installations.

-   **URL:** *http://neabigread.org/guidelines.php*

Collaborative Research Grants
National Endowment for the Humanities (NEH)
Due Date: 1/7/2014

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
National Endowment for the Humanities (NEH)
Due Date: 1/7/2014

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. CFDA Number 45.161 **20140107-RQ**

- **URL:** *http://www.neh.gov/files/grants/scholarly-editions-jan-7-2014.pdf*

BUSINESS

Economic Performance and Quality of Life – Economic Institutions, Behaviors, and Performance
Alfred P. Sloan Foundation
Due Date: Letters of Intent accepted on a continual basis

The Foundation's Economic Institutions, Behavior, and Performance program supports research on the structure, behavior, and performance of the U.S. economy with the goal of providing objective and nonpartisan insights that can inform and strengthen critical decisions facing leaders, policymakers, and the public. Grantmaking is divided into four thematic sub-programs. 1) Economic Implications of the Great Recession - Projects in this sub-program study markets and governments, specifically with regard to lessons we can draw from the recent financial crisis and Great Recession. Appropriate research topics include systemic stability; international regulatory coordination; risk measurement, capital requirements, and credit ratings; labor market recovery rates and liquidity; dataset and model development concerning labor trends, 2)Behavioral Economics and

<u>Household Finance</u> - Projects in this sub-program study individuals and households, specifically with regard to the quality of their economic decision-making. Appropriate research topics include the annuity paradox; the energy efficiency paradox; insurance markets; risk-taking, savings, and personal bankruptcy; cognitive biases; public understanding of economics and markets for financial advice, 3) <u>Economic Analysis of Science and Technology</u> - Projects in this sub-program study universities and groundbreaking industries, specifically regarding human capital development and applications of information technology. Appropriate research topics include labor markets for scientists and engineers; high-skilled immigration; patterns of scientific publication, collaboration, and intellectual property protection; the economics of digitization; and the international distribution of returns on high-tech investments, 4<u>) Empirical Economic Research Enablers</u> - Projects in this sub-program study economic researchers, specifically with regard to their needs, opportunities, incentives, and professional practices. Appropriate research topics include legal entity identifiers; data citation standards; identification and tracking systems for scholars; federal statistics; smart disclosure platforms for obfuscated markets; data and metadata management protocols; the replicability of empirical research; and the economics of knowledge contribution and distribution.

- **URL:***http://www.sloan.org/major-program-areas/economic-performance-and-quality-of-life/economic-institutions-behavior-and-performance/*

EDUCATION

Research Grant Program
Association for Institutional Research (AIR)
Due Date: 1/10/2014

With support from the National Science Foundation (**NSF**), the National Center for Education Statistics (**NCES**), and the National Postsecondary Education Cooperative (**NPEC**), the Association for Institutional Research (**AIR**) operates two grant programs that support research on a wide range of issues of critical importance to U.S. higher education. The program has two separate purposes: 1) NSF and NCES support grants aim to increase the number of researchers using national datasets and demonstrate the contribution that these datasets make to the national base of knowledge on higher education policy, theory, and practice. 2) The NPEC funding supports grants that increase the understanding and knowledge of a specific issue area identified by NPEC. To qualify for funding, proposal submissions must meet one or more of the following criteria: 1) **Use data from one or more of the national datasets of NCES and NSF**— Research topics may cover a wide range of policy- or practice-related issues. For a list of previously funded topics visit the **Funded Grants** page**.** Applicants must include the analysis of data from at least one NSF or NCES dataset in the project. See the **2013 NSF/NCES Datasets (PDF)** for more information. Additional large-scale,

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nationally representative datasets may be used in conjunction with the obligatory NSF or NCES dataset. 2) **Address the 2014 NPEC Focus Topic: "Noncredit Instructional Activity at Postsecondary Institutions."** A national taxonomy of definitions does not yet exist in the scope of noncredit activity, and a wide variety of educational activities could be encompassed in such a definition. Though IPEDS does not currently collect data on noncredit enrollments or instructional activity, it does define noncredit activity as a course or activity having no credit applicable toward a degree, diploma, certificate, or other formal award. Because NCES has been advised that it would be unmanageable for institutions to exclude noncredit activity from the Finance and Human Resources components, revenues and expenses related to noncredit activity are included in the Finance component and instructional staff (faculty and non-faculty) tied to noncredit activity are included in the Human Resources data reported. NPEC is interested in learning more about noncredit activity in postsecondary education to increase awareness of this important role that postsecondary institutions play as well as to help inform considerations for future IPEDS data collections and Research & Development work. In light of this, grant proposals should focus on noncredit instructional activity at postsecondary institutions. **Focus Topic details (PDF).** Faculty and practitioners are eligible for research grants of up to $40,000 for one year of independent research. (Note: These research grants are not available to students). All grant recipients must be affiliated with a U.S. postsecondary institution or relevant non-profit higher education organization.

- **URL:** *http://www.airweb.org/GrantsAndScholarships/Documents/2013Research.pdf*

EHR Core Research (ECR)
National Science Foundation (NSF)
Due Date: 2/4/2014

The EHR Core Research (ECR) program establishes a mechanism in the **Directorate for Education and Human Resources** to provide funding in foundational research areas that are broad, essential and enduring. EHR seeks proposals that will help synthesize, build and/or expand research foundations in the following core areas: STEM learning, STEM learning environments, workforce development, and broadening participation in STEM. We invite researchers to identify and conduct research on questions or issues in order to advance the improvement of STEM learning in general, or to address specific challenges of great importance. Two types of proposals are invited: *Core Research Proposals* (maximum 5 years, $1.5 million) that propose to study a foundational research question/issue designed to inform the transformation of STEM learning and education and *Capacity Building Proposals* (maximum 3 years, $300,000) intended to support groundwork necessary for advancing research within the four core areas. **NSF 13-555**

- **URL:** *http://www.nsf.gov/pubs/2013/nsf13555/nsf13555.htm*

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Cyber-Enabled Sustainability Science and Engineering (CyberSEES)
National Science Foundation (NSF)
Due Date: 12/3/2013

The Cyber-Enabled Sustainability Science and Engineering (CyberSEES) program aims to advance interdisciplinary research in which the science and engineering of sustainability are enabled by new advances in computing, and where computational innovation is grounded in the context of sustainability problems.   The CyberSEES program is one component of the National Science Foundation's Science, Engineering, and Education for Sustainability (SEES) activities, a foundation-wide effort aimed at addressing the challenge of sustainability through support for interdisciplinary research and education. In the SEES context, a sustainable world is one where human needs are met equitably without harm to the environment or sacrificing the ability of future generations to meet their own needs. Computational approaches play a central role in understanding and advancing sustainability. CyberSEES supports research on all sustainability topics that depend on advances in computational areas including optimization, modeling, simulation, prediction, and inference; large-scale data management and analytics; advanced sensing techniques; human computer interaction and social computing; infrastructure design, control and management; and intelligent systems and decision-making.   Additionally, the widespread, intensive use of computing technologies also introduces sustainability challenges and motivates new approaches across the lifecycle of technology design and use. This program is a joint effort of all of the NSF organizations listed on the cover page and the Semiconductor Research Corporation (SRC), through its Energy Research Initiative (ERI) program. While the scope of CyberSEES is broad as detailed herein, the NSF and SRC ERI collaboration within CyberSEES focuses on cyber-enabled sustainability research that addresses computational aspects of smart infrastructures, in particular the smart electric grid. **NSF 13-500**

- URL: *http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=504829&ods_key=nsf13500*

Exploratory Research for Extreme-Scale Science
US Department of Energy (DOE) – Office of Advances Scientific Computing Research
Due Dates: Pre-applications 12/3/2013; Applications 2/28/2014

The Advanced Scientific Computing Research (ASCR) program of the Office of Science (SC), U.S. Department of Energy (DOE), hereby invites applications with the potential to enable significant research and computational advances for extreme-scale science. The mission of the DOE Office of Science is the delivery of scientific discoveries, capabilities and major scientific tools to transform the understanding of nature and to advance the energy, economic, and national security of the United

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States. Extreme-scale science research recognizes that fundamentally different techniques, software tools, and approaches will likely be needed to reap scientific benefits from disruptive, but potentially revolutionary, changes in technology. Major changes are occurring not only in scientific computing technologies (e.g., processors, memory and interconnect systems), but also in sensors and other hardware technologies at DOE experimental scientific user facilities. The purpose of this FOA is to invite exploratory basic research applications with the potential to deliver significantly advanced or improved science capabilities in light of emerging and disruptive technology changes. The mission of the Advanced Scientific Computing Research (ASCR) program is to advance applied mathematics and computer science; deliver, in partnership with disciplinary science, the most advanced computational scientific applications; advance computing and networking capabilities; and develop, in partnership with U.S. industry, future generations of computing hardware and tools for science. A major objective of the ASCR basic research portfolio is to enable DOE-mission science applications to take full advantage of next-generation, high-performance computing systems. Desired outcomes include advances in scalable algorithms, programming models, operating systems, and enabling technologies that will make massively parallel, heterogeneous computer architectures more efficient and practical to use in carrying out scientific research activities. A complementary ASCR objective is to build up the computational research infrastructure for enabling data-intensive science advances. Taken together and in the spirit of harnessing emerging and leading-edge technologies for scientific discovery, these two objectives fall under the umbrella of extreme-scale science research. CFDA Number: 81.049 **DE-FOA-0001003**

-**URL:** *https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0001003&agency=DOE*

Grants for Research and Analysis on Energy (Energy)
The Energy Foundation
Due Date: Open

The Energy Foundation is a partnership of major donors interested in solving the world's energy problems. The Foundation's mission is to advance energy efficiency and renewable energy--new technologies that are essential components of a clean energy future. The geographic focus is on the United States and China, the largest and fastest growing energy markets in the world. The Foundation's primary role is a grantmaker, providing resources to the institutions that most effectively leverage change. The following program areas are currently available: Power, Buildings, Transportation, Climate, Public Engagement, and the China Sustainable Energy Program.

- **URL:** *http://www.ef.org/*

Industry/University Cooperative Research Centers Program (I/UCRC)
National Science Foundation (NSF)
Due Dates: Letters of Intent 1/6/2014, 6/27/2014; Planning Grants 3/4/2014, 9/26/2014

The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academe, and government. The centers are catalyzed by a small investment from the National Science Foundation (NSF) and are primarily supported by industry center members, with NSF taking a supporting role in the development and evolution of the center. Each center is established to conduct research that is of interest to both the industry members and the center faculty. An I/UCRC contributes to the nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education. As appropriate, an I/UCRC uses international collaborations to advance these goals within the global context. PIs can only submit one proposal per submission period. Co-PIs can only participate in one proposal per submission period. **NSF 13-594**

- **URL:** *http://www.nsf.gov/pubs/2013/nsf13594/nsf13594.htm*

Modeling Social Behavior (R01)
National Institutes of Health (NIH) — Department of Health and Human Services (HHS)
Due Dates: (standard due dates apply) 2/5/2014, 6/5/2014, 10/5/2014

This Funding Opportunity Announcement (FOA) encourages applications for developing and testing innovative theories and computational, mathematical, or engineering approaches to deepen our understanding of complex social behavior. This research will examine phenomena at multiple scales to address the emergence of collective behaviors that arise from individual elements or parts of a system working together. Emergence can also describe the functioning of a system within the context of its environment. Often properties we associate with a system itself are in actuality properties of the relationships and interactions between a system and its environment. This FOA will support research that explores the often complex and dynamic relationships among the parts of a system and between the system and its environment in order to understand the system as a whole. **PAR-13-374**

- **URL:** *http://grants.nih.gov/grants/guide/pa-files/PAR-13-374.html*

HEALTH & LIFE SCIENCES

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)
National Science Foundation (NSF)
Due Date: 12/13/2013

Biological Field Stations and Marine Laboratories (FSMLs) are off-campus facilities for research and education conducted in the natural habitats of terrestrial, freshwater, and marine ecosystems. FSMLs support environmental and basic biological research and education by preserving access to study areas and organisms, by providing facilities and equipment in close proximity to those study areas, and by fostering an atmosphere of mutual scientific interest and collaboration in research and education. To fulfill these roles, FSMLs must offer modern research and educational facilities, equipment, communications and data management systems for a broad array of users. In recognition of the importance of FSMLs in modern biology, NSF invites proposals that address these general goals of FSML improvement. **NSF 12-505**

- **URL:** *http://nsf.gov/pubs/2012/nsf12505/nsf12505.htm*

Pipeline to Proposal Awards- Tier 1
Patient-Centered Outcomes Research Institute (PCORI)
Due Date: 12/2/2013

Our first funding opportunity under the Pipeline to Proposal Awards program is the Tier I Pipeline to Proposal Awards for the Western Region of the United States. This RFP for the first cycle of Tier I Pipeline to Proposal Awards will be managed in collaboration with the Colorado Foundation for Public Health and the Environment (CFPHE), our pilot Intermediate Funder for this effort. In early 2014, we will announce additional opportunities to apply for Pipeline to Proposal Awards and will seek additional Intermediate Funders to assist with managing Pipeline to Proposal Awards in other areas of the country. Tier I awards will provide seed money to individuals and groups who have healthcare research ideas and who believe in the promise of patient-centered research. The awards will be used to help build capacity and engage community around a common healthcare research interest. These awards focus on building the community of patients, stakeholders, and researchers who can participate in patient-centered outcomes research. This award is open to any individual patient, other healthcare stakeholder, or researcher—or group of patients, stakeholders, or researchers—oriented around a particular health issue and interested in developing a questions that can be addressed by comparative effectiveness research. It is targeted to those who are not eligible or equipped to apply for funding from most other research funding sources, and the approved use of these funds is limited to community and capacity building. If you are a patient, caregiver, researcher, or other type of

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healthcare stakeholder with a compelling idea for a research project—or even an important clinical issue that you would like to explore—the Pipeline to Proposal Awards may be a good opportunity for you. PCORI is interested in projects that: Involve community and capacity building and strengthen relationships; Have a connection to potential research projects; Include a strategy for communicating and sharing information; Form a strong team and environment

- **URL:** *http://www.pcori.org/funding-opportunities/pipeline-to-proposal-awards/*

Organotypic Culture Models for Predictive Toxicology Center
US Environmental Protection Agency (EPA)
Due Date: 1/23/2014

The U.S. Environmental Protection Agency, as part of its Science to Achieve Results (STAR) program, is seeking applications for research centers to investigate toxic effects of chemical substances in three-dimensional (3D) in vitro models, hereafter referred to as `organotypic culture models' (OCMs). This solicitation seeks the formation of research centers that will guide the development and evaluation of OCMs that will accelerate translational research in predictive toxicology. Three dimensional tissue models may, for example, utilize animal cells combined with mechanical scaffolds or microfluidics devices. Under this solicitation, the successful applicant will lead a Center to craft OCMs that can recapitulate critical features of in vivo cellular organization and communication, cell-matrix interplay, morphogenetic processes and differentiation, physiology and chemical metabolism. Measures of success or progress should be described toward the application of OCMs for computational toxicology and reconstructing in vivo responses to environmental chemicals and nanomaterials to improve environmental health protection. As such, the OCMs should be scalable in support of medium to high throughput strategies or high-dimensional quantitative data collection, such as high content imaging, that respond to questions relevant to chemical risk assessment and management.

- **URL:** *http://epa.gov/ncer/rfa/2013/2013_star_ocm.html*

Secondary Analyses of Social and Behavioral Datasets in Aging (R03)
National Institutes of Health (NIH) — Department of Health and Human Services (HHS)
Due Dates: Letters of Intent 1/3/2014; Applications 2/3/2014

The NIA supports the collection of data relevant to behavioral and social research on the dynamics of health, well-being and disability in midlife and older age. NIA-supported studies include data on cognition, personality and sociodemographic factors, health and physical function (including performance measures and biological indicators), genetics, long-term care, caregiving, behavior change, the social environment, retirement, and economic and subjective well-being over the

lifecourse (see the Resources Section below for links to NIA-sponsored data sources). The purpose of this FOA is to solicit two-year R03 applications for secondary analysis of data on aging in the areas of psychology, social epidemiology, economics, sociology, and demography. **RFA-AG-14-008**

- **URL:** *http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-14-008.html*

MULTIPLE DISCIPLINES

Research Grants Programs
American Educational Research Association (AERA)
Due Date: 1/24/2014

With support from the National Science Foundation (NSF), the AERA Grants Program announces its **Research Grants** competition. The program seeks to stimulate research on U.S. education issues using data from the large-scale, national and international data sets supported by the National Center for Education Statistics (NCES), NSF, and other federal agencies, and to increase the number of education researchers using these data sets. The program supports research projects that are quantitative in nature, include the analysis of existing data from NCES, NSF or other federal agencies, and have U.S. education policy relevance. AERA invites education-related research proposals using NCES, NSF, and other federal databases. 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, such as but not limited to, education, sociology, economics, psychology, demography, statistics, and psychometrics. The Governing Board for the AERA Grants Program has established the following four strands of emphasis for proposals. Applicants are encouraged to submit proposals that:
- develop or benefit from new quantitative measures or methodological approaches for addressing education issues
- include interdisciplinary teams with subject matter expertise, especially when studying science, technology, engineering and mathematics (STEM) learning
- analyze TIMSS, PISA, or other international data resources
- include the integration and analysis of more than one data set

Research projects related to at least one of the strands above and to science and/or mathematics education are especially encouraged. Other topics of interest include policies and practices related to student achievement in STEM, contextual factors in education, educational participation and persistence (kindergarten through graduate school), early childhood education, and postsecondary education. The research project must include the analysis of data from at least one of the large-scale, nationally or internationally representative data sets supported by NCES, NSF, or other federal

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agency, such as the U.S. Department of Labor, the U.S. Census Bureau, and the National Institutes of Health. The data set(s) of interest must be available for analysis at the time of application (public- or restricted-use files are permissible). Additional data sets may be used in conjunction with the obligatory federal data set. If international data sets are used, the study must include U.S. education.

- **URL:***http://www.aera.net/ProfessionalOpportunitiesFunding/FundingOpportunities/AERAGrants Program/ResearchGrants/tabid/12813/Default.aspx*

P3: People, Prosperity and the Planet Student Design Competition for Sustainability
Environmental Protection Agency (EPA)
Due Date: 12/17/2013

The U.S. Environmental Protection Agency (EPA), as part of the P3-People, Prosperity and the Planet Award Program, is seeking applications proposing to research, develop, and design solutions to real world challenges involving the overall sustainability of human society. The P3 competition highlights the use of scientific principles in creating innovative projects focused on sustainability. The P3 Award program was developed to foster progress toward sustainability by achieving the mutual goals of improved quality of life for its people, economic prosperity and protection of the planet -- people, prosperity, and the planet – the three pillars of sustainability. Through this EPA program, college students can benefit people, promote prosperity and protect the planet by designing solutions that move us towards a sustainable future. The P3 Award competition is a two-phase team contest. For the first phase, interdisciplinary student teams compete for $15,000 grants. Recipients use the money to research and develop their design projects during the academic year. The final projects include a Phase I project report and a Phase II proposal. 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/2014/2014_p3.html#Synopsis*

Computational and Data-Enabled Science and Engineering (CDS&E)
National Science Foundation (NSF)
Due Dates: dates range from 10/31/2013 – 11/17/2014, depending on the directorate (see announcement for full list)
(Upcoming Directorates: Division of Physics 11/29/2013; Division of Mathematical Sciences 12/9/2013)

Advanced computational infrastructure and the ability to perform large-scale simulations and accumulate massive amounts of data have revolutionized scientific and engineering disciplines. The

goal of the CDS&E program is to identify and capitalize on opportunities for major scientific and engineering breakthroughs through new computational and data analysis approaches. The intellectual drivers may be in an individual discipline or they may cut across more than one discipline in various Directorates. The key identifying factor is that the outcome relies on the development, adaptation, and utilization of one or more of the capabilities offered by advancement of both research and infrastructure in computation and data, either through cross-cutting or disciplinary programs. **PD 12-8084**

- **URL:** *http://nsf.gov/funding/pgm_summ.jsp?pims_id=504813&org=NSF&sel_org=NSF&from=fund*

Linguistics
National Science Foundation (NSF)
Due Date: 1/15/2014

The Linguistics Program supports basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, semantics, morphology, phonetics, and phonology. **PD 98-1311**
The program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries, such as (but not limited to):

- What are the psychological processes involved in the production, perception, and comprehension of language?
- What are the computational properties of language and/or the language processor that make fluent production, incremental comprehension or rapid learning possible?
- How do the acoustic and physiological properties of speech inform our theories of language and/or language processing?
- What role does human neurobiology play in shaping the various components of our linguistic capacities?
- How does language develop in children?
- What social and cultural factors underlie language variation and change?

- **URL:** *http://nsf.gov/funding/pgm_summ.jsp?pims_id=5408&org=NSF&sel_org=NSF&from=fund*

SOCIAL SCIENCES

Youth Social Setting Research Projects (Grant)
William T. Grant Foundation
Due Date: 1/8/2014

The New York City-based William T. Grant Foundation supports research designed to understand and improve the everyday settings of youth between the ages of 8 and 25 in the United States. To that end, the foundation is accepting Letters of Inquiry for its Investigator Initiated Grants program. The program is designed to support high-quality research projects that address the foundation's current research interests--enhancing the understanding of how youth social settings work, how they affect youth development, and how they can be improved; and when, how, and under what conditions research evidence is used in policy and practice that affect youth, and how the uses of that evidence can be improved. Social settings are defined as the social environments in which youth experience daily life. These include environments with clear boundaries such as classrooms, schools, and youth-serving organizations; and those with less prescribed boundaries such as neighborhoods or other settings in which youth interact with peers, family members, and other adults.

- **URL:***http://www.wtgrantfoundation.org/funding_opportunities/research_grants/social-settings*

Political Science
National Science Foundation (NSF)
Due Date: 1/15/2014

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://nsf.gov/funding/pgm_summ.jsp?pims_id=5418&org=NSF&sel_org=NSF&from=fund*

STUDENTS

Go Red Multicultural Scholarship
American Heart Association (AHA)
Due Date: 12/31/2013

During Hispanic Heritage Month, the American Heart Association's Go Red Por Tu Corazón movement and its national sponsor, Macy's, launches the fourth annual **Go Red™ Multicultural Scholarship Fund**. The scholarship directly addresses important gaps in treatment that can lead to heart health disparities among Hispanic women. The scholarship program places medical and nursing school within the reach of deserving racial and ethnic female candidates and increases cultural competence in the healthcare workforce. The Scholarship Fund will award **16 scholarships of $2,500** each ($40,000 total) to qualifying applicants.

- **URL:** *http://english.goredcorazon.org/specialevents.html*

Six-Month Internship
Metropolitan Museum of Art (MoMA)
Due Date: 1/10/2014

Two six-month internships are awarded to individuals with a background in art history or related fields. Interns are placed in one of the Museum's departments, where they work on projects that match their academic background, professional skills, and career goals. Training is integral to the interns' experience; in addition to developing practical work skills through their departmental placements, interns participate in MuSe (Museum Seminars) and interact directly with the Museum's diverse public by conducting gallery talks based on their areas of expertise. The internship commences with MuSe (Museum Seminars), a series of curatorial talks in the galleries and presentations by executive staff that introduce interns to the curatorial, educational, and operational structure of the Museum. The seminars also include hands-on workshops and practice sessions to prepare interns to lead gallery talks and tours. Six-month interns attend mandatory full-day MuSe sessions for the first two weeks of the program, and then each Monday throughout the rest of the summer. Placements vary depending on the ongoing and project needs of individual departments. The two Six-Month Internships may be offered in any of the departments offering Summer Internships for College and Graduate Students. If you would like to be considered for a Six-Month Internship, please be sure to check the appropriate box on the application.

- **URL:** *http://metmuseum.org/research/internships-and-fellowships/internships/internships-for-college-and-graduate-students/paid-internships-for-college-and-graduate-students-at-the-main-building#4*

Annual Business Scholarship
GreenPal Lawncare
Due Date: 2/28/2014

Greenpal Lawncare believes that today's students are tomorrow's employers, and that the future of the county will be forged by the entrepreneurial spirit of today's generation. Greenpal is accepting applications for the annual GreenPal Small Business Scholarship to assist a motivated, driven student and future business leader. One applicant will be chosen each year to receive a scholarship award of $2,000, paid equally over four semesters. The scholarship will be renewed each year with a new winner. Scholarship funds will be awarded to the student's institution upon evidence of registration in classes including student identification number and correct address of school's bursar's office. The scholarship program is open to any graduating high school senior, college freshman, or sophomore who owns and operates his/her own small business, or has put together a business plan to start a business while in college. Additionally, the student must enter his or her freshman year at an accredited two- or four-year university, college, or vocational/technical institute during the fall of 2014. GreenPal will publish all applications essays on the GreenPal blog. Social media shares will serve as a method of voting and will be used as a component for picking the annual scholarship recipient. Applicants must be in a graduating high school senior in 2014 or currently enrolled in a college of business in the United States and maintain a 3.0 or higher GPA. Applicants also must demonstrate high ambition and desire to be an entrepreneur or business owner, and have a declared major in a college of business. For complete eligibility guidelines and applications instructions, visit the GreenPal Web site.

- **URL:** *http://yourgreenpal.com/scholarship*