

## Office of Sponsored Projects

### e-Funding Alert

October 2011

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#### Interested in the NIH? Consider the AREA Program

The National Institutes of Health (NIH) offer a wide variety of funding programs for research in the biomedical and behavioral fields. One unique program designed to support research at non-research

intensive institutions is their Academic Research Enhancement Award (AREA) program, which falls under the R15 activity code.

The NIH's AREA program is open only to researchers at institutions that have received "research grants and/or cooperative agreements from the NIH totaling not more than \$6 million per year (in both direct and F&A/indirect costs) in each of four (4) or more of the last seven (7) years" (NIH R15 Eligibility Criteria, 2011). Despite the smaller maximum awards—\$300,000 in direct costs over three years—and the unique requirement for both faculty and student participation in the research, proposals submitted under this competition must be as meritorious of funding as those submitted under other award mechanisms.

During a recent training session, the AREA program's new director, Dr. Erica Brown, offered a number of tips on preparing a successful proposal for this competition:

- Review the goals and objectives of the specific Institute/Center to which you intend to submit your proposal, and confirm your research matches their current areas of interest
- Learn which study section would be best for reviewing your proposal and suggest it in your cover letter
- Remember: Although training is an important feature of these grants, research *must* be the primary focus
- Address the AREA-specific goals throughout your proposal, which are to:
  - Support meritorious research
  - Expose students to research
  - Strengthen the research environment

For more information on this and other competitions, please contact the Office of Sponsored Projects at [osp@angelo.edu](mailto:osp@angelo.edu) or (325) 942-2530.

## Faculty Research Enhancement Grants: Applications Due This Month

Faculty Research Enhancement Program grant applications are due to the Office of Sponsored Projects by 5:00 p.m., Oct. 28. Instructions for completing the application and the required forms are available in the Faculty Grants channel under the Work Life tab in RamPort.

If you have trouble accessing the forms or if you have any questions, please contact the Office of Sponsored Projects ([osp@angelo.edu](mailto:osp@angelo.edu)) at your earliest convenience.

## Upcoming Funding Opportunities

### Defense Advanced Research Projects Agency (DARPA)

*Graph-theoretic Research in Algorithms and the Phenomenology of Social networks (GRAPHS)*

**Submission deadlines:** Abstracts-November 3, 2011; Full proposals-December 15, 2011

**Overview:** DARPA is seeking proposals that will address mathematical research on large networks and graphs with an emphasis on results that are applicable to social networks and other networks of interest to the DoD. The focus of the program will be three broad areas, namely: i. The theoretical underpinnings of the basic mathematics and dynamics of large networks and a framework for threat signature detection and identification; ii. Polynomial and sub-polynomial algorithm creation and development for exact and approximate solutions for DoD problems of interest; and iii. Graph and network techniques for other DoD networks of interest.

**For more information visit this Web page:**

<https://www.fbo.gov/index?s=opportunity&mode=form&id=04329fe397d72eccd3f7873bc123ff49&tab=core&cvview=0>

## **National Endowment for the Humanities**

### *Collaborative Research Grants*

**Submission deadline:** December 8, 2011

**Overview:** Collaborative Research Grants support interpretive research in the humanities undertaken by a team of two or more scholars, for full-time or part-time activities for periods of a minimum of one year up to a maximum of 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.

**For more information visit this Web page:** <http://www.neh.gov/grants/guidelines/collaborative.html>

### *Scholarly Editions and Translations*

**Submission deadline:** December 8, 2011

**Overview:** Scholarly Editions and Translations grants support the preparation of editions and translations of pre-existing texts and documents that are currently inaccessible or available in inadequate editions. These grants support full-time or part-time activities for periods of a minimum of one year up to a maximum of 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.

**For more information visit this Web page:** <http://www.neh.gov/grants/guidelines/editions.html>

## **National Institutes of Health**

### *Small Research Grant to Improve Health Care Quality through Health Information Technology (R03)*

**Submission deadlines:** Standard R03 deadlines apply; FOA expires on November 17, 2012

**Overview:** The purpose of this Funding Opportunity Announcement (FOA) is to support a wide variety of research designs in order to improve the quality, safety, effectiveness, and efficiency of health care through the implementation and use of health IT. These designs include: small pilot and feasibility or self-contained health IT research projects; secondary data analysis of health IT research; and economic (prospective or retrospective) analyses of health IT implementation and use. Through economic analyses estimates of health IT implementation and use costs and benefits will be generated.

**For more information visit this Web page:** <http://grants.nih.gov/grants/guide/pa-files/PAR-08-268.html>

## **National Science Foundation**

### *Cyberlearning: Transforming Education*

**Submission deadlines:** Vary according to project type; see full announcement for details

**Overview:** Through the *Cyberlearning: Transforming Education* program, NSF seeks to integrate advances in technology with advances in what is known about how people learn to: 1) better understand how people learn with technology and how technology can be used productively to help people learn,

through individual use and/or through collaborations mediated by technology; 2) better use technology for collecting, analyzing, sharing, and managing data to shed light on learning, promoting learning, and designing learning environments; and 3) design new technologies for these purposes, and advance understanding of how to use those technologies and integrate them into learning environments so that their potential is fulfilled.

**For more information visit this Web page:** <http://www.nsf.gov/pubs/2011/nsf11587/nsf11587.htm>

#### *Discovery Research K-12 (DRK-12)*

**Submission deadlines:** Letter of intent-November 17, 2011; Full proposal-January 10, 2012

**Overview:** The Discovery Research K-12 program (DRK-12) seeks to significantly enhance the learning and teaching of Science, Technology, Engineering and Mathematics (STEM) by preK-12 students, teachers, administrators and parents. All DRK-12 projects should be framed around a research question or hypothesis that addresses an important need or topic in preK-12 STEM education. The emphasis in DRK-12 is on research projects that study the development, testing, deployment, effectiveness, and/or scale-up of innovative resources, models and tools. DRK-12 invites proposals that address immediate challenges that are facing preK-12 STEM education as well as those that anticipate a radically different structure and function of pre-K 12 teaching and learning. There are four strands described in detail in the solicitation: 1) Assessment; 2) Learning; 3) Teaching; 4) Scale-up.

**For more information visit this Web page:** <http://www.nsf.gov/pubs/2011/nsf11588/nsf11588.htm>

#### *Sustainable Energy Pathways*

**Submission deadline:** February 1, 2012

**Overview:** Sustainable Energy Pathways is part of the NSF-wide initiative on Science, Engineering, and Education for Sustainability (SEES). The Sustainable Energy Pathways solicitation calls for innovative, interdisciplinary basic research in science, engineering, and education by teams of researchers for developing systems approaches to sustainable energy pathways based on a comprehensive understanding of the scientific, technical, environmental, economic, and societal issues. The SEP solicitation considers scalable approaches for sustainable energy conversion to useful forms, as well as its storage, transmission, distribution, and use. The following Topic Areas illustrate the broad scope of sustainable energy interest areas of this solicitation: Energy Harvesting & Conversion from Renewable Resources; Sustainable Energy Storage Solutions; Critical Elements & Materials for Sustainable Energy; Nature-Inspired Processes for Sustainable Energy Solutions; Reducing Carbon Intensity from Energy Conversion & Use; Sustainable Energy Transmission & Distribution; Energy Efficiency & Management.

**For more information visit this Web page:** <http://www.nsf.gov/pubs/2011/nsf11590/nsf11590.htm>

#### **Office of Naval Research**

##### *Science, Technology, Engineering & Mathematics (STEM) for K-12 & Institutions of Higher Learning*

**Submission deadlines:** White papers-as soon as possible; Full proposals-no later than Sept. 30, 2012

**Overview:** The Office of Naval Research (ONR) seeks proposals as provided under the authority set forth in subdivision (1) of subsection 2192 (b) of title 10 in support of education programs in science, technology, engineering and mathematics (STEM). The ONR mission of STEM is to: foster an interest in, knowledge of, and study in science, technology, engineering and mathematics nationwide to ensure an educated and well-prepared naval and national STEM workforce. In support of this mission, the following four investment priorities have been identified: 1) **Inspire** the next generation of scientists and engineers. [Programs that fall mostly within Grades K-10]; 2) **Engage** students in STEM-related hands-on learning activities with Naval relevance. [Programs that fall mostly within Grades 3-12]; 3) **Educate** students to be well prepared for STEM employment in the Navy and Marine Corps as well as supporting academic institutions and/or the Naval contractor community. [Programs that fall mostly within Higher Education]; 4) **Employ**, retain and develop Naval STEM professionals. [Programs that fall mostly within Higher Education and Professional Development].

**For more information visit this Web page:** <http://www.onr.navy.mil/~media/Files/Funding-Announcements/BAA/2012/12-002.ashx>

## Robert Wood Johnson Foundation

### *Evaluating Innovations in Nursing Education*

**Submission deadlines:** Brief proposals (required)-November 16, 2011; Full proposals-February 1, 2012

**Overview:** *Evaluating Innovations in Nursing Education* (EIN) is inviting applications for research projects studying nursing faculty issues that are critical to achieving the recommendations outlined in the 2010 Institute of Medicine report *The Future of Nursing: Leading Change, Advancing Health*. Consistent with EIN's mission, projects will typically address teaching productivity and faculty preparation in nursing education for meeting the demands of a reformed health care and public health system. Findings should inform strategies for addressing the nurse faculty shortage while expanding the nurse workforce and maintaining or improving student outcomes. **Note:** An informational Webinar will be held on October 6. Please see the Web page for more information on registration and times.

**For more information visit this Web page:** <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=21375>

### *The Future of Nursing: Campaign for Action*

**Submission deadlines:** Brief proposals (required)-January 3, 2012; Full proposals-February 2012

**Overview:** The Robert Wood Johnson Foundation is coordinating a unique, multi-funder initiative to identify, generate, synthesize and disseminate evidence essential to informing efforts to implement the recommendations outlined in the Institute of Medicine (IOM) report, "The Future of Nursing: Leading Change, Advancing Health" and to contribute to *Campaign for Action's* goal of advancing comprehensive change in health care for patients and the country. The purpose of this activity is to increase and focus national attention on a common research agenda related to the IOM recommendations and to facilitate and coordinate funding activity across a range of funders of nursing research.

**For more information visit this Web page:** <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=21371>

## U.S. Department of Agriculture

### *Agriculture and Food Research Initiative (AFRI): Agriculture and Natural Resources Science for Climate Variability and Change*

**Submission deadlines:** Vary according to sub-competition; see full announcement for details

**Overview:** The Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area RFA focuses on the societal challenge to adapt agroecosystems and natural resource systems to climate variability and change and implement mitigation strategies in those systems. In the Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area RFA, specific program areas are designed to achieve the long-term outcome of reducing the use of energy, nitrogen, reducing GHG emissions from practices, and water in the production of food, feed, fiber, and fuel and increase carbon sequestration.

**For more information visit this Web page:** [http://www.csrees.usda.gov/funding/rfas/pdfs/12\\_climate.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/12_climate.pdf)

### *Agriculture and Food Research Initiative (AFRI): Food Security*

**Submission deadlines:** Vary according to sub-competition; see full announcement for details

**Overview:** The Food Security Challenge Area RFA focuses on the societal challenge to keep American agriculture competitive while ending world hunger. In the Food Security Challenge Area RFA, specific program areas are designed to achieve the long-term outcome of increasing food availability and decreasing the number of food insecure individuals. Project types supported by AFRI within this RFA include single-function Extension Projects, multi-function Integrated Research, Education, and/or Extension Projects and Food and Agricultural Science Enhancement (FASE) Grants

**For more information visit this Web page:**

[http://www.csrees.usda.gov/funding/rfas/pdfs/12\\_afri\\_food\\_security.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/12_afri_food_security.pdf)

### *Agriculture and Food Research Initiative (AFRI): Sustainable Bioenergy*

**Submission deadlines:** Vary according to sub-competition; see full announcement for details

**Overview:** The Sustainable Bioenergy Challenge Area RFA focuses on the societal challenge to secure America's energy future. In the Sustainable Bioenergy Challenge Area RFA, specific program areas are designed to achieve the long-term outcome of reducing the National dependence on foreign oil through the production of sustainable bioenergy.

**For more information visit this Web page:**

[http://www.csrees.usda.gov/funding/rfas/pdfs/12\\_bioenergy.pdf](http://www.csrees.usda.gov/funding/rfas/pdfs/12_bioenergy.pdf)

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