

Grant Opportunities for Oklahoma Higher Education

9/2/11

This announcement is provided by the Oklahoma State Regents for Higher Education, Grant Writing and External Funding Assistance once or twice weekly. Grant opportunities are screened for higher education eligibility, listed by deadline date and grouped alphabetically by topic. Add your email address to the listserve at <http://lists.onenet.net/mailman/listinfo/okhigheredgrants> if you wish to be added to the direct mailing list. Check out the **Grant Opportunities for Oklahoma Colleges and Universities** web site at <http://www.okhighered.org/grant-opps/>.

Thank you!

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TRAINING OPPORTUNITY

Beginning Grant Writing: The Process

Monday, September 19 – 9:00 a.m.-3:30 pm

Oklahoma State Regents for Higher Education – Linda Mason
Regents Conference Room (2nd floor) of 655 Research Parkway, OKC

This workshop is for those who have not written a grant proposal but are going to try it soon. Each participant is encouraged to provide an idea for funding before the workshop. This is a hands-on workshop. Small subgroups will be formed to craft a proposal for critique in the manner of a grant review panel. Please bring a laptop and a flash drive; you will use the laptop for writing, not for internet searching. There is no fee, but you must register. To register, send an e-mail to lmason@osrhe.edu.

TRAINING OPPORTUNITY

WHO WANTS TO BE AN ENTREPRENEUR WORKSHOP – LEARN IT SESSION

9:00 am – 6:00 pm Friday, September 30, at the Reed Center in Midwest City

To register for this session, click here: <http://www.okepscor.org/calendar/who-wants-be-entrepreneur-workshop-learn-it-session>. Registration for the **Teach it!** session is by invitation only, through i2E, Inc. For more information on this session, please contact Sarah Seagraves at sseagraves@i2E.org. Participation in the **Live it!** session is limited to 90 business, community and investment leaders. For registration information on this session, contact Steven Martinez at steven.martinez@ocast.ok.gov.

TRAINING OPPORTUNITY

NSF Regional Grant Workshop

Austin, TX – Westin Austin at the Domain – October 17-18, 2011

The UT Austin presents the opportunity to meet with NSF personnel and with other research administrators from universities and colleges across the United States. It is targeted to new faculty, researchers, educators, and administrators who want to gain key insight into a wide range of current issues at NSF including the state of current funding. NSF program officers will be on hand to provide up-to-date information about specific funding and answer questions. Registration Fee: \$340 - For more information and registration, see <https://www.signup4.net/public/ap.aspx?EID=NAT1375E&OID=50>.

TRAINING OPPORTUNITY

SEARCH AND SELECT

9:00 am to 12:00 pm – Tuesday, October 18

Oklahoma State Regents for Higher Education - 655 Research Parkway – OKC

An overview of:

- How to search for grant opportunities
- How to select the right grant program and agency
- Where to find the appropriate information about the grant program

A laptop computer will be necessary. There is no fee, but you must register. To register, send an e-mail to Linda Mason at lmason@osrhe.edu.

TRAINING OPPORTUNITY

OKBIO – GRANT WRITING FOR SBIR AND STTR

Wednesday, September 7 - 9:00am - 4:30pm

Presbyterian Health Foundation Conference Center
655 Research Parkway, OKC

This intensive, one-day workshop **will focus exclusively on NIH** SBIR and STTR programs, and how you can write more competitive proposals to get the funding you need.

\$25 - OKBio Members - \$75 - Non Members - \$20 - Faculty

To register - <https://event-wizard.com/secured/EWV3.01/Forms/Reg1.asp?ClientCode=okbio&Ecode=sbir9711&MyLink=LinkR&Lang=English>

EDUCATION; EDUCATIONAL CONSORTIA

Deadline Date – September 9, 2011

Grant Resource – Kinder Morgan Foundation

Category – Youth Programs

Description – Grants are primarily directed to educational programs for youth in grades K-12. Funding is provided to local, state, provincial and regional educational institutions, libraries and programs that provide ongoing support, such as Junior Achievement. The foundation also supports youth programs provided by local arts organizations, symphony orchestras, museums and others.

Cost Sharing or Match – No

Web - http://www.kindermorgan.com/community/km_foundation.cfm

Deadline Date – October 1, 2011

Grant Resource – National Gardening Association and Subaru

Category – Children's Gardening

Description – The National Gardening Association (NGA) is dedicated to promoting home, school, and community gardening as a means to renew and sustain the essential connections between people, plants, and the environment. The NGA Subaru Healthy Sprouts Awards support school and youth garden programs throughout the country that use gardens to teach youth about the environment, nutrition, and the issue of hunger in the United States. Fifty programs will receive a \$500 gift certificate from the Gardening with Kids catalog as well as lessons and literature from NGA. Applicants must plan to garden in 2012 with at least 15 children between the ages of 3 and 18 years.

Size of Grant - \$500

Cost Sharing or Match – No

Web - <http://www.kidsgardening.org/grants/2011-subaru-healthy-sprouts-award>

Deadline Date – October 17, 2011

Grant Resource – Youth Service America

Category – Service-Learning and Health Literacy

Description – The UnitedHealth HEROES program is a service-learning, health literacy initiative that awards grants to help youth, ages 5-25, create and implement local, hands-on programs to fight childhood obesity. The grants encourage semester-long projects that launch on MLK Day of Service and culminate on Global Youth Service Day. Schools, service-learning coordinators, non-profits, and students in the health professions located in all 50 states are eligible to apply.

Size of Grant - \$1,000

Cost Sharing or Match – No

Web - <http://www.ysa.org/HEROES>

Deadline Date – October 1 and December 15 Letter of Intent; November 3, 2011 and January 18, 2012 Full Proposal

Grant Resource – National Science Foundation

Category – National Robotics Initiative

Description – The goal of the National Robotics Initiative is to accelerate the development and use of robots in the United States that work beside, or cooperatively with, people. The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to industry manufacturing and deployment. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use.

Size of Grant – Small Grants \$250,000/yr for 5 years; Large Multidisciplinary Grants \$1,000/yr for 5 years

Cost Sharing or Match – No

Web - <http://www.nsf.gov/pubs/2011/nsf11553/nsf11553.htm>

Deadline Date – December 31, 2011

Grant Resource – Whole Kids Foundation

Category – School Gardens

Description - The [Whole Kids Foundation](#), a nonprofit organization created by [Whole Foods Market](#) to support schools and inspire families to improve children's nutrition and wellness, is accepting grant applications for its first major initiative, the School Garden Grant Program. Designed to help schools grow students' relationships with food through gardening, the new program stems from the Whole Kids Foundation's mission of supporting schools' efforts to improve children's nutrition. The grant program will be funded by a six-week, in-store donation drive at all Whole Foods Market stores and online at the Whole Kids Foundation Web site from August 17 to September 30. [FoodCorps](#), a nonprofit national service organization that seeks to reverse childhood obesity by increasing children's knowledge of, engagement with, and access to healthy food, will help administer the grant program and will provide mentorship services and other resources to grant recipients.

Size of Grant - \$2,000

Cost Sharing or Match – No

Web – <http://wholekidsfoundation.org/gardengrants.php>

See **TEACHER PREPARATION, Grant Resource** – Oklahoma State Regents for Higher Education, 2012-2013 Elementary and Secondary Education Act.

FELLOWSHIPS

Deadline Dates – November 14, 2011 Engineering; November 15, 2011 Mathematical Sciences, Computer and Information Sciences, Engineering, Chemistry, Physics and Astronomy, Materials Research; November 16, 2011 Social Sciences, Psychology, Geosciences, STEM Education and Learning; November 18, 2011 Life Sciences, Interdisciplinary

Grant Resource – National Science Foundation

Category – NSF Graduate Research Fellowship Program

Description – The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce in the United States. The program recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in fields within NSF's mission. The GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant achievements in science and engineering research.

Size of Grant – 2,000 awards of \$30,000/yr stipend + \$10,500/yr research support

Cost Sharing or Match – No

Web - http://www.nsf.gov/pubs/2011/nsf11582/nsf11582.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

GEOGRAPHY; CARTOGRAPHY

See **LIBRARIES, Grant Resource** – National Science Foundation, Geoinformatics.

GERONTOLOGY; SENIOR ISSUES

Deadline Date – May 7, 2012

Grant Resource – US Department of Health and Human Services

Category – Gerontology – Secondary Analyses of Social and Behavioral Datasets in Aging

Description – This Funding Opportunity Announcement is seeking small grant (R03) applications to conduct secondary analysis of social and behavioral data in aging. Specifically, NIA seeks applicants to: 1) stimulate and facilitate secondary analysis of data related to dynamics of health and disability, cognition, psychosocial and sociodemographic factors, genetics, and biomarkers, long term care, caregiving, behavioral medicine, retirement, economic status; 2) provide support for preliminary projects using secondary analysis that could lead to subsequent applications for other research grant award mechanisms; 3) provide support for analyses of new databases and experimental modules for purposes such as informing the design and content of future study waves; and 4) provide support for pilot research on under-utilized databases.

Size of Grant - \$50,000/yr for 2 years

Cost Sharing or Match – No

Web - <http://grants.nih.gov/grants/guide/pa-files/PA-10-139.html>

HEALTH FIELDS; PHYSICAL EDUCATION, OPTOMETRY

Deadline Date – October 2, 2011 Letter of Intent, November 2, 2011 Proposal

Grant Resource – US Department of Health and Human Services

Category – Clinical Research Education and Career Development Program

Description – The purpose of the Clinical Research Education and Career Development Program is to expand the national capability to improve diversity for research in the health sciences by developing the research workforce in clinical and translational sciences through providing grant support to minority institutions that offer doctorate degrees in the health professions or in a health-related science.

Size of Grant – 3 5-yr project awards for \$500,000

Cost Sharing or Match – No

Web - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-325.html>

Deadline Date – October 16, 2011

Grant Resource – US Department of Health and Human Services

Category – Pancreatic Cancer

Description – This funding opportunity announcement encourages the submission of Research Project Grant (R21) applications from institutions and organizations that propose to promote innovative research across multiple disciplines for a better understanding of the biology, etiology, detection, prevention, and treatment of pancreatic cancer.

Size of Grant - \$275,000

Cost Sharing or Match – No

Web - <http://grants.nih.gov/grants/guide/pa-files/PA-11-297.html>

Deadline Date – October 20, 2011

Grant Resource – US Department of Health and Human Services

Category – Dimensional Approaches to Research Classification in Psychiatric Disorders

Description – This Funding Opportunity Announcement seeks research grant applications designed to develop innovative ways of understanding mental disorders through classifying patients in clinical studies on the basis of experimental research criteria rather than traditional diagnostic categories.

Cost Sharing or Match – No

Web - <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-12-100.html>

Deadline Date – October 26, 2011

Grant Resource – US Department of Health and Human Services

Category – Cardiovascular, Pulmonary, Hematologic and Sleep Disorders

Description – The purpose of this FOA is to increase the participation of individuals from diverse backgrounds in cardiovascular, pulmonary, hematologic and sleep disorders research across the career development continuum. The program intended to support training of predoctoral and health professional students and individuals in postdoctoral training at non-research intensive institutions with an institutional mission focused on serving diverse communities that are not well represented in NIH-funded research, or identified federal legislation of same, with the potential to develop meritorious training programs in cardiovascular, pulmonary, hematologic, and sleep disorders.

Size of Grant – 2 awards of \$125,000

Cost Sharing or Match – No

Web – <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-12-032.html>

Deadline Date – November 5, 2011

Grant Resource – US Department of Health and Human Services

Category – Healthy Habits in Children

Description – This Funding Opportunity Announcement is to encourage Research Project Grant applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 18). Positive health behaviors may include: developing healthy sleep patterns, developing effective self-regulation strategies, adaptive decision-making in risk situations, practicing proper dental hygiene, eating a balanced and nutritious diet, engaging in age-appropriate physical activity and/or participating in healthy relationships.

Size of Grant - \$500,000 for 5 yr projects

Cost Sharing or Match – No

Web - <http://grants.nih.gov/grants/guide/pa-files/PA-11-327.html>

Deadline Date – November 5, 2011

Grant Resource – US Department of Health and Human Services

Category – Biomarkers: Bridging Pediatric and Adult Therapeutics

Description – This funding opportunity announcement invites applications from institutions or organizations that propose adapting adult biomarkers to children. This would include the application and validation of biomarkers developed in adults to pediatric diagnosis, prognosis, and estimation of disease progression, toxicity and response to therapy.

Size of Grant – 5 year projects

Cost Sharing or Match – No

Web - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-322.html>

Deadline Date – November 5, 2011

Grant Resource – US Department of Health and Human Services

Category – Effective Patient-Provider Communication for Treatment and Self-Management of Chronic Diseases in Underserved Populations

Description – The purpose of this initiative is to stimulate research utilizing Mobile Health (mHealth) tools aimed at the improvement of effective patient–provider communication, adherence to treatment and self-management of chronic diseases in underserved populations

Cost Sharing or Match – No

Web - <http://grants.nih.gov/grants/guide/pa-files/PA-11-330.html>

Deadline Date – November 15, 2011

Grant Resource – US Department of Defense

Category – Biologically-derived Medicines on Demand

Description – The Bio-MOD program seeks to develop devices and techniques to produce multiple protein biologics in response to specific battlefield threats and medical needs. This will be achieved by investing in (1) novel, flexible methodologies for genetic engineering/modification of microbial strains,

eukaryotic strains, and/or cell-free systems to synthesize multiple protein-based therapeutics; and (2) flexible and portable device platforms for manufacturing multiple biologics with high purity, efficacy and potency at the point-of-care, in short timeframes, when the specific need arises.

Cost Sharing or Match – No

Web - http://www.darpa.mil/Opportunities/Solicitations/DSO_Solicitations.aspx

LABORATORIES; EQUIPMENT

Deadline Date – October 1, 2011

Grant Resource – National Science Foundation

Category – Manufacturing and Construction Machines and Equipment

Description – The MCME program supports fundamental research leading to improved machines and applications for both manufacturing and construction. Key goals are to advance the transition of these industries from skill-based to knowledge-based activities and to develop them as activities with minimal environmental and societal impact.

Size of Grant - \$300,000

Cost Sharing or Match – No

Web - http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13346&WT.mc_id=USNSF_39&WT.mc_ev=click

LIBRARIES

Deadline Date – November 1, 2011

Grant Resource – Institute of Museum and Library Services Museums for America Grant

Category – Museums for America

Description – Museums for America is IMLS's largest grant program for museums, supporting projects and ongoing activities that build museums' capacity to serve their communities. Museums for America grants strengthen a museum's ability to serve the public more effectively by supporting high-priority activities that advance the institution's mission and strategic goals. Museums for America grants can be used for a wide variety of new or ongoing museum activities and programs, such as improvement of institutional infrastructure, planning, management of collections, public access, professional development, purchase of equipment or services, research and scholarship, public programming and exhibitions, development and/or implementation of education programs, or efforts by museums to upgrade and integrate new technologies into their overall institutional effectiveness. Grants are awarded in the following categories: Engaging Communities (Education, Exhibitions, and Interpretation): Support projects that represent a broad range of educational activities through which museums share collections, content, and knowledge to support learning. Building Institutional Capacity (Management, Policy, and Training): Support projects that serve to improve the infrastructure of museums to better serve their communities. Collections Stewardship (Management of Collections): Support projects that museums undertake to maintain and improve the management of museum collections in order to fulfill a museum's public service mission.

Size of Grant - \$150,000

Cost Sharing or Match – Yes

Web - <http://www.imls.gov/applicants/detail.aspx?GrantId=11>

Deadline Date – January 13, 2012

Grant Resource – National Science Foundation

Category – Geoinformatics

Description – The Division of Earth Sciences (EAR) will consider proposals for the development of cyberinfrastructure for the geosciences (Geoinformatics). EAR seeks the development and implementation of enabling information technology with impacts that extend beyond an individual investigator or small group of investigators and that facilitates the next generation of geosciences research. Proposals to this solicitation may seek support for community-driven development and implementation of databases; tools for data integration, interoperability, and visualization; software development and code hardening; and data-intensive/new computing methodologies that support the enhancement of geosciences research and education activities.

Size of Grant – 10 awards totaling \$4.8 million

Cost Sharing or Match – No

Web - http://www.nsf.gov/pubs/2011/nsf11581/nsf11581.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

MATH; ENGINEERING

Deadline Date – October 1, 2011; February 15, 2012

Grant Resource – National Science Foundation

Category – Materials and Surface Engineering

Description – The MSE program supports fundamental research leading to a better understanding of the effect of microstructure, surfaces, and coatings on the properties and performance of engineering materials; and the ultimate control of these properties through material design. Of particular interest is materials service under conditions such as impact, temperature extremes, corrosion, oxidation, and friction. The program also supports research leading to biomedical applications of materials. Funded research includes both experimental and theoretical approaches.

Cost Sharing or Match – No

Web - http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13356&WT.mc_id=USNSF_39&WT.mc_ev=click

Deadline Date – October 1, 2011; February 15, 2012

Grant Resource – National Science Foundation

Category – Infrastructure Management and Extreme Events

Description – The IMEE program focuses on the impact of large-scale hazards on civil infrastructure and society and on related issues of preparedness, response, mitigation, and recovery. The program supports research to integrate multiple issues from engineering, social, behavioral, political, and economic sciences. It supports fundamental research on the interdependence of civil infrastructure and society, development of sustainable infrastructures, and civil infrastructure vulnerability and risk reduction.

Cost Sharing or Match – No

Web - http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13353&WT.mc_id=USNSF_39&WT.mc_ev=click

Deadline Date – October 1, 2011; February 15, 2012

Grant Resource – National Science Foundation

Category – Engineering Design and Innovation

Description – The EDI program supports research leading to design theory and to tools and methods that enable implementation of the principles of design theory in the practice of design across the full spectrum of engineered products. The program focus is on gaining an understanding of the basic processes and phenomena underlying a holistic, life-cycle view of design where the total system life-cycle context recognizes the need for advanced understanding of the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the relationship between data and knowledge in a digitally-supported process. The program funds advances in basic design theory, tools, and software to implement design theory and new design methods that span multiple domains, such as design for the environment and for manufacturability.

Cost Sharing or Match – No

Web - http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13340&WT.mc_id=USNSF_39&WT.mc_ev=click

Deadline Date – October 1, 2011; February 15, 2012

Grant Resource – National Science Foundation

Category – Biomechanics and Mechanobiology

Description – The BMMB Program supports fundamental research in biomechanics and mechanobiology. An emphasis is placed on multiscale solid and fluid mechanics approaches in the study of organisms that integrate across molecular, cell, tissue, and organ domains. The relationships between mechanical behavior and extracellular matrix composition and organization are of interest.

Cost Sharing or Match – No

Web - http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13523&WT.mc_id=USNSF_39&WT.mc_ev=click

Deadline Date – February 1, 2012

Grant Resource – National Science Foundation

Category – Industry/University Cooperative Research Centers

Description – The National Science Foundation encourages the submission of industry-defined fundamental research proposals from NSF Industry/University Cooperative Research Centers (I/UCRC) in areas of shared value to both centers and their members. Industry-defined fundamental research

broadens the scientific and engineering understanding beyond the more specific applied research interests of the industries traditionally served by the I/UCRC. Industry participation extends the scope and horizon of center research projects so as to drive innovation with industrially relevant fundamental research projects.

Size of Grant – 10 awards of \$200,000

Cost Sharing or Match – No

Web – <http://www.nsf.gov/pubs/2011/nsf11570/nsf11570.htm>

SAFETY

See **MATH AND ENGINEERING, Grant Resource** – National Science Foundation.

SCIENCE; ENVIRONMENTAL SCIENCE; BIOLOGY; CHEMISTRY

See **EDUCATION, Grant Resource** – National Science Foundation National Robotics Initiative.

See **MATH and ENGINEERING** – National Science Foundation Biomechanics.

TEACHER PREPARATION; FACULTY DEVELOPMENT

Deadline Date – October 13, 2011

Grant Resource – Oklahoma State Regents for Higher Education

Category – Improving Teacher Quality

Description – OSRHE invites applications for measurable and sustainable high-quality professional development activities to improve teachers' content knowledge and/or effectiveness in mathematics, science and reading and language arts.

Size of Grant - \$35,000 to \$120,000

Cost Sharing or Match – Encouraged, not required

Web - <http://okhighered.org/itq/2012.shtml>.