



ALL ABOUT GRANTS

“Giving You the Competitive Edge!”

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OFFICE OF
SPONSORED
RESEARCH AND
PROGRAMS

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Missouri State University Building Upon Its Successes

The faculty, staff and administrators of the University continue to be successful in acquiring funding from governmental, philanthropic and corporate sponsors to expand opportunities for faculty, staff and students to participate in research, education and service projects. In Fiscal Year 2007, total funding awarded to the University through grants and contracts reached an all-time high of \$21,779,155. Success in sustaining programs depends on achieving project objectives, expanding linkages with collaborators and partners, and diversifying funding sources. Examples of these successes include the projects underway within the Jordan Valley Innovation Center, and two pending awards - for the Southwest Area Health Education Center in the College of Health and Human Services (CHHS), and the VESTA program which involves all three University campuses.

Established in 2005, the Roy Blunt

Jordan Valley Innovation Center (JVIC) consists of three interrelated components – the Center for Applied Science and Engineering (CASE), the Center for Biomedical and Life Sciences (CBLS), and JVIC, Inc. Highlights of JVIC accomplishments in 2007 include the dedication of the new \$30 million Roy Blunt JVIC building in April 2007, over \$10 million in external funding, and the establishment of JVIC, Inc. to help develop smaller advanced technology start-up companies. So far this year the number of JVIC corporate affiliate companies has grown to seven (from four in 2005) not including two project affiliate companies. Executive Director, Dr. Ryan Giedd, stated “We have new facilities that are unique in Missouri and many of the surrounding states, pushing JVIC and our corporate affiliates to the forefront of the new advanced carbon electronics and bioelectronics technology fields. In addition, these

applied advanced technology projects give the University’s students, faculty and staff, opportunities to work side-by-side with expert corporate scientists on large-scale and groundbreaking new product technologies”.

The Southwest Missouri Area Health Education Center (SWMO AHEC) was established in CHHS in 1997 to enhance access to quality health care, particularly primary and preventive care, by growing and supporting southwest Missouri’s healthcare workforce. SWMO AHEC accomplishes its mission by connecting students to careers, professionals to communities, and communities to better health by promoting healthcare careers to youth; providing community based training experiences for health professions students; providing educational resources; and implementing community health prevention education. ... (continued on page 5)

Fall 2007 Workshops! Signup!

OSRP will offer a series of three proposal development workshops.

Each will be offered twice to enable more faculty & staff to attend. Assistive Technology services are available on request.

The workshops are “\$how Me the Money” on September 19th and 20th, 2007, “Developing Competitive Proposals” on October 3 and 4, 2007, and “Developing Competitive Budgets” on October 10th and

11th, 2007. Sessions will run from 3:00 – 5:00 p.m. for all of the days.

To register, go to the website, www.srp.missouristate.edu/. Click the “**Training @OSRP**” link, click the “**Workshop Series**” link and register for the workshops.

If you need additional help, e-mail brucerichards@missouristate.edu or call 836-5972.

Workshops:

Show Me the Money:

Search for grant funding and accessing University resources.

Developing Competitive Proposal:

The different types of proposals and the 4C’s of a winning proposal.

Developing Competitive Budgets:

How to develop a realistic budget for your grant project.



United States Department of
Health & Human Services

Sources of Faculty Support

The Graduate College and the Office of the Provost provides internal funding opportunities to support faculty in their efforts to conduct research and other scholarly endeavors. Examples are the faculty research and curriculum development grants to support new and creative projects not likely to receive external funding.

Contact Graduate College for further details at 836-5335 or <http://graduate.missouristate.edu/facultysupport.htm>

New Informed Consent FAQ Web Page

The Department of Health and Human Services' Office of Human Resource Protections (OHRP) recently announced the availability of a new webpage that is dedicated to Frequently Asked Questions (FAQ) pertaining to informed consent.

The question and answers webpage is divided into categories covering: assurance processes, the IRB Registration process, 45 CFR 46 which stipulates substantive and procedural requirements for investigators and institutions engaged in HHS conducted research, research

involving children, research involving prisoners, investigator responsibilities, and informed consent.

This webpage provides answers that are detailed yet clear in language and provides links to either additional information or to other related questions and answers.

The search capability of the webpage allows users to type their search text for more definitive searching based on the users interest.

One innovative area of the FAQ webpage is that users will be

able to subscribe to obtain updates to their answers, provide answers for other users, and submit a question and/or answers not found in the knowledge base. This will necessitate users creating an account in order to submit their entries.

As stated in the webpage, "these FAQs provide guidance that represents OHRP's current thinking on these topics and should be viewed as recommendations, unless specific regulatory requirements are cited".

See <http://www.hhs.gov/ohrp/faq.html> for the webpage.

Important Information for Researchers

Animal Training Database:

Faculty and staff are now able to access the Animal Training Database to ensure that all project team members have completed the required Animal Care and Use course.

See <http://www.srp.missouristate.edu/30990.htm>

Faculty Support Tools:

The website for Sponsored Research and Programs has added a section called the Faculty Support Tools page that lists vari-

ous resources to support researchers in their work. By placing these resources within an easily identifiable area, OSRP hopes to enable researchers to find quickly the information needed to carry out their work and engage in their scholarly pursuits.

See <http://www.srp.missouristate.edu/Plsupport.htm>

Institutional Review Board (IRB):

This committee is responsible

for the protection of individuals who may be at risk as a consequence of participation in research activities. The IRB seeks to ensure that adequate safeguards are established to protect these individuals and encourages researchers to abide by the standards that the committees' reviews are based upon.

See <http://www.srp.missouristate.edu/Humansubjects.htm> for further information on policies and regulations on the IRB.

NIH Funding Opportunity: AREA Grants

On April 30th, 2007, Missouri State University, through the Department of Sociology, Anthropology & Criminology, hosted a visit from Dr. John Haller, NIH Program Director in the Division of Applied Science & Technology. Dr. Haller's presentation looked at various NIH funding opportunities, grantsmanship, as well as NIH training opportunities. Faculty from the Colleges of Natural and Applied Sciences and Health and Human Services attended to hear Dr. Haller explain NIH's research agenda that seeks to dramatically

advance the Nations healthcare through improved detection, management, understanding, and the prevention of diseases.

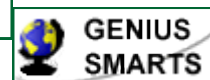
Dr. Haller's presentation also focused on one funding opportunity known as the Academic Research Enhancement Award (AREA) grant.

AREA grants support small research projects in the biomedical and behavioral sciences area conducted by students and faculty in institutions that have not been

major recipients of NIH research grant funds. Missouri State is eligible for this grant program.

The objectives of the NIH AREA Grants are to stimulate research at smaller schools, support research in biomedical & behavioral sciences, and expose students to meritorious research.

A copy of Dr. Haller's presentation can be found at http://srp.missouristate.edu/assets/srp/NIHOverview_43007.pdf



Finding Funding; SPIN/SMARTS

Finding funding for faculty to pursue research and scholarly interests can be a daunting task. While there are thousands of funding opportunities available from federal institutions and national, regional and local foundations, it can be difficult to identify the right source that best matches individual interests.

Two resources (SPIN & SMARTS) are provided for Missouri State faculty and staff to enable them to identify and prioritize funding opportunities.

The Sponsored Programs Information Network (SPIN) is an electronic funding

database that provides up-to-date information on current national, international government, and private funding sources. Searches can be conducted by anyone using an on-campus computer with access to the web.

The SPIN Matching and Research Transmittal Service (SMARTS) is a funding alert system that will automatically send registered University faculty and staff information about funding opportunities directly to their e-mail account. By entering your search terms based on specific areas of interest, you will receive funding opportunities based on those selected keywords. As

an added benefit, faculty and staff profile information is collected and used for matching with the SPIN database, that can be used to search for expert resources that may have similar research interests in your area.

By providing these resources, OSRP hopes that researchers will be able to find funding opportunities more efficiently as they continue their research and scholarly endeavors. Video simulations are provided to guide users through the process of signing into both systems and setting up their Funding Opportunity e-mail alert service.

See <http://www.srp.missouristate.edu/33267.htm> or call OSRP at 836-5972 for more information.

Training@OSRP

The Office of Sponsored Research and Programs (OSRP) has established Training@OSRP, which are eLearning Training Resources on its web site. The purpose of providing these compliance related training programs is to encourage and educate faculty, staff, and students as to the ethical and responsible conduct of research (RCR) to ensure the protection of human and animal subjects used in research. In addition, participation in studies using animals, biohazardous substances, and human subjects require that the participants are

knowledgeable in the topic area.

As an example, the NIH Policy on Required Education in the Protection of Human Research Participants, (<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-00-039.html>), states that the "NIH will require education on the protection of human research participants for all investigators submitting NIH applications for grants or proposals".

One of the criteria used by compliance committees is documentation

that all persons named on an application have completed the appropriate training program(s).

To enhance the learning experience, the OSRP staff also provides references and links to other web sites that provide information about the topic area.

Training@OSRP also offers workshops on grant management. The use of assistive technology is available on request. See <http://www.srp.missouristate.edu/OSRPTtraining.htm> for updates.



"The goal of education is the advancement of knowledge and the dissemination of truth."

John Fitzgerald Kennedy

A Model for Success in Obtaining Grant Funding

In the recently published edition (Vol. 15, No.2, Fall/Winter 2006) of the Research Management Review (RMR Online) for the National Council of University Research Administrators (NCURA), one study looked at previous funding success models that could identify the significant behaviors, networking activities, and demographic profiles that contributed to the successful receipt of federal grant awards.

The issues that were studied were; (a) the perspectives and needs of research faculty, (b)

incentives that could influence faculty to pursue funded research; (c) institutional processes and behavior that could impact faculty who seek funded research; (d) the balance between teaching and research; and (e) the competitive nature of federal funding.

In previous studies it was found that the key to pursuing grant funding was discovering the motivators that encouraged faculty to become a complete scholar. This is traditionally identified as behavior associated with preparing proposals, participating in research pro-

jects and publishing research results.

Examples of motivators were mentors to help new faculty become successful; reduction in teaching load; the use of university incentive programs; facilities to help build faculty research resources, and the use of peer review processes to provide applicants with feedback.

See http://www.ncura.edu/data/rmrd/15.2/research_behavior.pdf for further details on the study.

Misconduct in Science Policy



Missouri State University's Misconduct in Science ("Research") Policy describes misconduct in science as "fabrication, falsification, plagiarism, or other practices that seriously deviate from those practices that are commonly accepted within the research community for proposing, conducting, or reporting research. It does not include honest error or honest difference in interpretations or judgments of data".

The procedures described herein are in accordance with [42 CFR Part 50, Subpart A](#). This policy applies to all individuals who may

be involved with a research project supported by the Public Health Service (PHS) or for which an application has been submitted.

In dealing with and preventing misconduct, the University has established procedures for alleged misconduct in research when an allegation is brought forward. These procedures include an initial inquiry as to the allegations, followed by a formal investigation if the initial inquiry uncovers sufficient basis to warrant further action. A final report of the findings of the inves-

tigations, and actions taken are then issued. Throughout the process, the Office of Research Integrity (ORI) of DHHS, and officials at the University will be kept informed.

It is important to distinguish misconduct from honest error and ambiguities of interpretation inherent in the scientific process and usually corrected by further research. By understanding the policy, faculty, staff, and students develop appropriate scientific practices. **Source:** <http://srp.missouristate.edu/5147.htm>



National Endowment for the Arts

The National Endowment for the Arts is a public agency dedicated to supporting excellence in the arts, both new and established; bringing the arts to all Americans; and providing leadership in arts education.

The Endowment is the nation's largest annual funder of the arts, bringing great art to all 50 states, including rural areas, inner cities, and military bases.

See <http://www.nea.gov>

Funding Opportunities:



The [National Science Foundation](#) (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM):

This program provides grants to institutions of higher education to support scholarships for academically talented, financially needy students, enabling them to enter the workforce following completion of an associate, baccalaureate, or graduate level degree in science and engineering disciplines. Grantee institutions are responsible for selecting scholarship recipients, re-

porting demographic information about student scholars, and managing the S-STEM project at the institution.

[National Endowment for the Arts:](#) Through this category, [NEA Arts on Radio and Television, FY2008](#),

the National Endowment for the Arts seeks to make the excellence and diversity of the arts widely available to the American public through nationally distributed television and radio programs. Grants are available to support the development, production, and

National Endowment for the Arts
A Great Nation Deserves Great Art

national distribution of radio and television programs on the arts. Priority will be given to artistically excellent programs that have the potential to reach a significant national audience, regardless of the size or geographic location of the applicant organization.

For more grant opportunities, see <http://www.grants.gov>, <http://www.nsf.gov/funding/> or use the SPIN/SMARTS database

Also see: <http://www.srp.missouristate.edu/Fundingopps.htm>

Did You Know? Information on Animal Welfare

Occupational Health and Safety:

Missouri State University has an obligation as an institution, that cares for, and uses animal research subjects, to be protective of the health and well-being of the individuals participating in these research projects. The National Research Council recommends that an occupational health and safety program provide for the appropriate level of participation of all personnel involved in the

care and use of animals on the basis of the risks encountered, regardless of their employment status.

To meet those standards, a **Hazard Assessment Information Tool** is provided for all covered persons to educate them on the risks of working with animals and thus take the necessary precautions while doing their laboratory and field work.

This tool provides;

- Occupational Health notes on working with animals.
- Various Zoonotic educational materials.
- External web resources from Government, university and other animal institutions.
- References and Actions to take when working with various animal species.

See: <http://apps.missouristate.edu/srp/animalOHSP/hazard.asp>

Missouri State University Building Upon Its Successes ...*(continued from page 1)*

Funding for the program is provided through federal and state grants. Pending is an award of over \$600,000 for the first year of a multi year project from the Missouri Foundation for Health. The goals of this project are to improve health literacy by reducing barriers between healthcare providers and patients; increasing patient knowledge and understanding of a patient's role, health terminology, healthy behaviors, and resources; assisting communities, healthcare organizations/systems to integrate systemic health literacy practices; and advancing the knowledge and understanding of health literacy. The University will be part of a state-wide network with the other lead institutions at St. Louis University and the University of Missouri-Columbia. Regina Bowling, Director of the SWMO AHEC, stated "this project provides us with

the opportunity to impact health status, health policy, and access to healthcare at the individual level and across Missouri while additionally providing the opportunity for the College of Health and Human Services to become a leader in health profession student education and faculty research in the field of health literacy. This is an amazing opportunity".

The Viticulture and Enology Science and Technology Alliance (VESTA) was established through funding from the National Science Foundation (NSF) in 2003 to provide distance education and experiential learning for persons interested in careers in the grape and wine industry. Initially, VESTA consisted of a partnership among our three University campuses, and 2-year colleges in Illinois and Iowa. Pending is a new award to

expand VESTA into an NSF Regional Center of Excellence which will expand the program to a 12-state region. Dr. Dale Law, Principal Investigator for the VESTA program, stated, "The grape and wine industry in Mid-America has experienced tremendous growth the last few years and is projected to continue expanding at a rapid pace. There is a concurrent demand for educational opportunities for both employees and entrepreneurs. We're pleased that NSF recognizes the positive influence VESTA is having in addressing this demand and look forward to expanding educational opportunities into additional states. We are the only program in the U.S. offering online degrees in enology and viticulture thus removing many of the barriers to continuing education for those in this industry".

Project Highlights, FY 2007



The University submitted 226 proposals for support of University-based projects in FY 2007. In all, 154 awards were received – some of which were from proposals submitted during the previous fiscal year. The commitment of funds in these grants and contracts amounted to \$21.7 million. It should be noted that some of these awards were for projects that extended over more than one year, but the formal commitment for funds was only for the current project year of FY 2007.

Research:

Dr. Kevin Evans, Assistant Professor, and Dr. James Miller, Professor, of Geography, Geology, and Planning.

Received \$133,000 from the National Science Foundation to investigate the Age and Origin of the Weaubleau Structure: A possible Meteorite Impact Structure in Missouri. Exposed along Missouri Highway 13, about 75 miles north of Springfield, the Weaubleau is an unusual geologic feature that may be a meteorite impact. Faculty and students of Missouri State University will study the deformed strata, the breccia deposit, and will test the hypothesis that this feature was caused by a meteorite impact.

Education:

Ms. Marilyn Martin, Director of the Management Development Institute

Received \$44,000 from the Missouri Department of Elementary and Secondary Education, for Adult and Postsecondary Vocational Education Programs. This program provides for the production and delivery of short-term noncredit seminars and short courses for the currently employed adults in business and industry. The grant partially supports the salary of the project director and an assistant. In addition, it partially supports, through a yearly-determined formula, salaries for teachers in the program.

Community Service:

Dr. Joseph Hulgus, Associate Professor of Counseling, College of Education.

Received \$160,278 from the U.S. Department of Education, via the Springfield Public Scholl District, to conduct The Emotional Skills Resiliency Training Program (ESRT), which is a two-pronged approach to incorporating the latest information about emotional intelligence/resiliency skill building into teacher education and classroom teaching.

"Motivation is what gets you started.

Habit is what keeps you going."

Jim Ryun

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Bill Alter, Director
 Tracey Poston, Associate Director/
 Compliance Officer
 Marina Zordell-Reed, ERA Coordinator
 Bruce Richards, Research and Instructional
 Designer Coordinator
 Janene Proctor, Administrative Secretary
 Shannon Winstead, GA Office Support
 Carmen Parker, GA Compliance Coordinator

James P. Baker, VP for Research & Economic
 Development, is the authorized institutional
 representative to sign for proposals, grants
 and contracts.

About OSRP

Our Mission: *To increase the number and quality of grants awarded to faculty and staff by providing effective assistance.*

OSRP provides assistance to all faculty and staff in developing and submitting competitive grant proposals, initiating new awards, and non-financial administration of grants and contracts.

OSRP assistance includes:

- Expanding your thinking about research and program development.
- Conducting grant writing workshops.
- Registering you for SPIN and SMARTS—access to electronic funding sources.
- Coordinating proposal development teams.
- Assisting in developing project budgets.
- Reviewing and editing proposal drafts.
- Submitting proposals via hardcopy and electronic routes.

www.srp.missouristate.edu



The Compliance Corner

Compiled by Tracey Poston

Institutional Official for Compliance:

The Institutional Official is the responsible authority and attests that all activities are in compliance with Federal regulations and University policies.

Frank Einhellig, PhD. Associate Provost and Dean of the Graduate College
 FrankEinhellig@missouristate.edu
 Office: (417) 836-5335; Fax: (417) 836-6888

Compliance Officer:

The Compliance Officer is responsible for ensuring that the institutional policies and standing oversight committees, are in compliance with Federal regulations. Also assisting in developing and conducting activities in compliance with these regulations and policies.

Tracey Poston, MPA, Associate Director and Compliance Officer
 TPoston@missouristate.edu
 Office: (417) 836-4132; Fax: (417) 836-8818

Export Control at Missouri State University:

At Missouri State University, teaching, research, and service, are carried out in an open manner without restrictions on the publication and dissemination of the results of the activities.

Federal regulations that cover export control however, have the potential to limit these research activities and may require permission from the Department of State, the Department of Commerce, or the Office of Foreign Assets Control before allowing foreign nationals or countries to participate in research that uses a specific technology or research information.

As a faculty member, you must be aware of the provisions that subject research activity to export controls. See <http://www.srp.missouristate.edu/5143.htm>

Washington University Wins Appeal in Case of Ownership of Tissue Samples:

Ruling that research participants (RPs) do not retain the rights to their tissue samples once they are donated, the Eighth Circuit Court of Appeals recently affirmed Washington University's (WU) ownership of samples used previously by a urologist who left WU in 2003. The case involved William J. Catalona, who wanted to take the samples from WU's Genito-urinary Biorepository to Northwestern University's Feinberg School of Medicine when he joined it. The judges ruled, "Whatever rights or interests the RPs retained following their donation of biological materials, the right to direct or authorize the transfer of their biological materials from WU to another entity was not one of them". Link: www.ca8.uscourts.gov/opndir/07/06/062286P.pdf.