



ALL ABOUT GRANTS

“Giving You the Competitive Edge!”

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New Human Subjects Web-based Training

All faculty, staff and students are required to complete formal training before participating in research involving the use of human subjects. Up to this year, the University has relied on the online training program provided by the National Institutes of Health.

While informative, the focus of this training was on medical research, and did not provide sufficient information on social and behavioral research, the types primarily conducted at Missouri State.

After reviewing other training programs available online, the University has contracted with the University of Miami for use of the Collaborative IRB Training Initiative (CITI) program for Human Subjects research. There are 22 modules in the Basic CITI course. Each module covers a specific aspect of human subjects research, e.g., History and Ethical

Principles, Informed Consent, and Research with Children. Of the 22, the Missouri State’s Institutional Review Board for the Protection of Human Subjects has selected 16 to be required for researchers who are conducting social and behavioral research and 17 for those who are conducting biomedical research. Progress through the course requires correctly answering 80% of the questions provided at the end of each module. Based on a limited sample, it appears that completion of the Basic Course will take approximately 4 to 6 hours depending on the experience of the participant. Certification of successful completion can be obtained by downloading the Completion Report after finishing all of the prescribed modules.

The University shifted from the NIH to the CITI course as of July 1st. Thereafter, approval of a research project by the IRB re-

quires that all investigators complete the CITI Basic Course. Those who have completed the NIH course within the last three years are exempted from this requirement. In the future, previously approved researchers will have to complete the Refresher Course every three years to remain eligible to conduct human subjects research.

Access to the CITI program is via the hotlink “CITI Human Subjects Training” on the OSRP web site or directly at <https://www.citiprogram.org/default.asp>. First-time users are to follow the directions to register and select the appropriate training program – Social/Behavioral or Biomedical. Returning to the site requires signing in with your Username and Password.

For further assistance, call Bruce Richards, or Tracey Poston-Wang, at 836-5972.

Fall 2006 Workshops! Signup!

OSRP will offer a series of three proposal development workshops. The workshops are “Show Me the Money” on September 5 & 6, “Developing Competitive Proposals” on September 19 & 21 and “Developing Competitive Budgets” on October 10 & 11. Sessions will run from 2:30 – 4:30 p.m. each day. Each will be offered twice to enable more faculty & staff to attend. Assistive Technology services are

available on request.

To register, go to the OSRP website, www.srp.missouristate.edu/, click on the “Fall 2006 Workshops” link in the left-side navigation window and click on the link below each of the workshops title.

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

Show Me the Money:

Grant search 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.

National Council of University Research Administrators (NCURA)

The National Council of University Research Administrators (NCURA) advances the field of research administration through education and professional development programs, the shar-



ing of knowledge and experience, and by fostering a professional, collegial, and respected community.

Founded in 1959, NCURA is an organization of individuals with

with professional interests in the administration of sponsored programs (research, education and training), primarily at colleges and universities, with a common desire to:

- Provide a forum through national and regional meetings for the discussion and exchange of information and experiences related to sponsored programs in colleges and universities.
- Provide for the dissemination of current information and exchange of views on mutual concerns.
- Promote the development of more effective policies and procedures relative to the administration of sponsored programs to assure the achievement of the maximum potential in academic programs.

Source: <http://www.ncura.edu/>

Developing a Competitive Budget

Applications for external funding usually require a detailed budget that reflects the minimal requirements for a successful project. Participants will develop a budget and justification for requested funds and cost-sharing commitments.

Contact OSRP early—836-5972

Important Information for Researchers

Mileage Reimbursement Rates (per mile):

Personal Vehicle \$ 0.415
Courtesy Vehicle \$ 0.220

Within or outside Missouri.

Effective July 1, 2006 to June 30, 2007

Fringe Calculator:

The salary and fringe requested for employees that will work on a grant project are based on each person's annual salary, and the percent time dedicated to the project. [CURP, MOSERS].

To calculate the fringe cost, use a FRINGE CALCULATOR available through the University Budget Office web site: <http://www.missouristate.edu/financialservices/FBCalc.htm>.

Graduate Assistants Stipends:

If a project will require a graduate student to work an average of 20 hours per week for a semester (when classes are in session), it may be possible to have them appointed as a Graduate Assistant. Sti-

pends for Graduate Assistants are \$6,780 or \$9,000 per academic year. Graduate Assistants can be included in the Personnel section of a budget. The cost for a graduate assistant's tuition should be included in the "other" section of the budget.

See http://graduate.missouristate.edu/FinancialAsst/fee_waiver_costs.htm for fee waiver costs and explanations.

Developing Collaboration among Researchers

Collaboration is necessary to developing successful projects between researchers from different disciplines and departments. To understand how best to handle collaboration, we should;

1. Seek out individuals, organizations and communities, who together in an atmosphere of support and respect, are able to solve emerging problems too big for one person alone.
2. Begin to communicate in more meaningful ways, using cooperation and communication that will deepen the understanding of the problem, leading to partnerships, coalitions, and collaborative efforts that will identify the challenges and find solutions.
3. Understand the time involved in successful collaborations and the role of a framework in helping collaborative efforts.
4. Realize the changing community conditions. Collaborative efforts are part of new, emerging community conditions.
5. Understand that ideas and values are beginning to change in communities, where resources are shifting from a central federal authority to states and on to local communities.

Source: <http://crs.uvm.edu/nncd/unit1a.htm>

Animal Care and Use Training

The Animal Care and Use Policy ("Policy") of the University and its implementing Standard Operating Procedures ("SOP") were developed to be consistent with federal laws and implementing regulations including, but not limited to; the Animal Welfare Act (7 U.S.C. §§ 2131 et seq.) (AWA); and the principles set forth in the *Guide for the Care and Use of Laboratory Animals* (GUIDE) as published by the National Research Council (1996); and *Occupational Health and Safety in the Care and Use of Research Animals* as published by the National Research Council (1997).

In accordance with Section 7.A of the

University's Animal Care and Use Policy, all covered personnel (Section 3.B) are required to certify completion of training prior to involvement with or exposure to vertebrate animal tissues, fluids, secretions and/or excretions. Depending on the nature of the involvement, several distinctly different training activities may be required.

The Office of Sponsored Research and Programs in cooperation with the Institutional Animal Care and Use Committee (IACUC) is pleased to offer a web-based training module. It includes an overview of the federal laws and implementing regulations, humane practices of animal care

and use, and research and testing methods that minimize or eliminate the use of animals or limit animal pain or distress.

Other training under development includes a video-based training on Survival Surgery.

URL: http://www.srp.missouristate.edu/SRP_Animal_Subjects.htm#Training



Indirect Cost Distribution Policy

The University's policy on distribution of recovered indirect costs from grants and contracts has been revised.

The new Indirect Cost Distribution (IDC) allocations that are in effect for FY07 are part of a number of efforts to achieve the goal of expanding research and other scholarly activity and productivity at Missouri State University.

The formulas for distribution of IDCs are in two categories --- Non-Center Projects and Center

Projects.

Non-Center Projects:

These are projects by individual faculty or teams of faculty and staff that originate from and will be administered by an academic department or other administrative unit (not including Centers).

The recovered IDCs will be distributed as follows:

- 25% Department redirected to the PI (with at least 10% for the PI)
- 25% College, or Vice-

President's unit if not a College.

- 50% Vice President for Research and Economic Development (VPR&ED)

Center Projects:

This revised Center IDC distribution plan (see table below) will be phased in over a three-year period. In subsequent years, the distributions will remain as in year 3.

For more details, see http://www.srp.missouristate.edu/SRP_Services.htm#IDC

“Research is the process of going up alleys to see if they are blind.”

Marston Bates

Distribution for IDCs originating from “Center” Projects

	Year 1 (FY07)	Year 2 (FY08)	Year 3 (FY09)
Center	90%	80%	70%
VPR&ED †	10%	20%	30%

† A component of the IDCs going to the VPR&ED IDC pool is to be used to support OSRP and FS infrastructure. 10% of the total IDCs in year 1 and a similar percentage thereafter.

NIH Establishes Website for New Investigators



The Office of Extramural Research (OER), has a website that articulates NIH's continuing commitment to new investigators (see http://grants.nih.gov/grants/new_investigators/index.htm).

The website describes current policies, data related to the influx of new investigators, resources that new investigators can use to understand and work with the NIH, and helpful hints that might be

useful in constructing a first application for NIH support.

The NIH recognizes that new investigators are the innovators of the future – they bring fresh ideas and technologies to existing biomedical research problems, and they pioneer new areas of investigation.

Entry of new investigators into the ranks of independent, NIH-funded researchers is essential to the health of this country's biomedical research enterprise. NIH's interest in the training and

research funding of new investigators is understandably deep and longstanding.

The OER solicits additional suggestions for non-commercial content for this website. Visitors who know of additional resources can send suggestions to OEPMailbox@mail.nih.gov.

Source: http://grants.nih.gov/grants/new_investigators/index.htm

Grants.Gov

Grants.Gov enables organizations to electronically find and apply for more than \$400 billion in Federal grants.

Grants.gov is THE single access point for over 1,000 grant programs offered by all Federal grant making agencies.

See how the new <http://www.grants.gov> website is having an unparalleled impact on the grant community.

Contact OSRP for support—836-5972

Grants.Gov



Grants.Gov is one of 24 Federal E-Government initiatives focused on improving access to services via the Internet. It is the single, secure Federal website unifying over, 1000 grant programs from 26 Federal grant-making agencies awarding over \$400 billion annually to the grant community including state, local and tribal governments, academia and research institutions, and not-for-profits.

By transforming the Federal grants environment to a streamlined and standardized process,

Grants.gov is making it easier to find and apply for Federal grants online.

The new Grants.Gov provides secure access to submit grant applications to the 26 Federal grant-making organizations.

- Applications can be downloaded, completed offline, and distributed via e-mail.
- Provides online submission of grant applications 24 hours a day.

- Provides a wide search of grants from federal agencies.

As an example, researchers will be able to electronically submit a grant application to the National Science Foundation (NSF) or the US Department of Education (USDE) via Grants.Gov.

Today, registered users and organizations are able to use Grants.gov to quickly find the best grant opportunities and to apply for grants electronically.

Source: <http://www.grants.gov>

Did You Know?

Requests for external support of research, education, service and other scholarly projects must be coordinated with OSRP.

This policy has a two-fold purpose. The first is that funding organizations require the signature of an authorized University representative on the application or cover letter before they will review the proposal.

The second purpose is to assure that the proposed project and budget are consistent with the

University's mission and will be conducted in accordance with regulations and policies of the University, governmental agencies and funding organizations.

Proposals, as well as, all required forms and certifications/assurances are to be submitted with the university Internal Approval Form through appropriate channels.

The form and instructions can be downloaded as an MS Word or PDF document.

Hardcopies of the form and instructions also are available at the Office of Sponsored Research and Programs in Room 407 of Carrington Hall.

See URL http://www.srp.missouristate.edu/SRP_Downloadable_Forms.htm

FY 2006 External Funding Results as of June 30, 2006

University faculty, staff and students are involved in research, education and service projects through the support of governmental, business and philanthropic entities. The table summarizes key aspects of awards received in FY 2006.

Month	Proposals Submitted	Total Awards	Dollars Awarded
July	21	15	\$690,867
August	13	20	\$2,522,963
September	21	15	\$1,329,791
October	11	15	\$832,713
November	25	10	\$382,458
December	13	7	\$113,377
January	15	10	\$934,484
February	18	9	\$399,650
March	19	16	\$5,016,954
April	6	4	\$56,000
May	20	17	\$809,030
June	16	13	\$5,045,622
Total	198	151	\$18,133,909



Project Highlights, FY 2006

Research:

Dr. Ryan Giedd, Director, and Mr. Matthew Curry, Assistant Director of the Center for Applied Science and Engineering (CASE) received \$3,951,878 from the Office of Naval Research. CASE, in collaboration with Nantero, Inc., will conduct research that will lead to the development of a radiation hardened non-volatile Nanotube Random Access Memory (NRAM) device. The devices are a high priority for space applications and hostile environments.

Education:

Dr. Lynda Plymate and Dr. Kurt Killion, Professors of Mathematics, and Dr. Cheryl Schaefer, Assistant Professor of Physics, Astronomy and Materials Science, received \$189,038 from the Missouri Department of Higher Education. These funds will enable 4th through 8th grade math and science teachers from rural, high-need school districts to participate in a 3-week summer institute and a 5-session follow-up sequence to increase teacher skills and knowledge base in math and science. These sessions will promote inquiry-based instruction and will consider cooperative learning and differentiated instruction, as well as increase the use of assessment data-based instructional decisions.

Community Service:

Ms. Jane Cargill, Director of the Small Business Development Center (SBDC), has received an award of \$133,498 from the U.S. Small Business Administration. The major objectives of the SBDC is to provide training, business products and consultation to business owners and key managers which result in positive economic impact for the businesses, their communities and the State of Missouri. In federal fiscal year 2005, the SBDC at Missouri State University served 193 businesses with an average of 18 hours per business, assisted businesses in obtaining over \$14 million in approved loans and investment and increased sales of over \$10.5 million, created 125 new jobs, retained 704 jobs, created or acquired 11 businesses, and held 52 training events.

“High achievement always takes place in the framework of high expectation.”

Charles Kettering.

Office of Sponsored Research and Programs
 901 S. National Avenue
 Carrington Hall 407
 Springfield, MO 65897
 Phone: 417/836-5972
 Fax: 417/836-8818

Bill Alter, Director
 Tracey Poston-Wang, Associate Director
 Marina Zordell-Reed, Program Specialist
 Courtney Allen, Grants & Contracts Admin.
 Bruce Richards, Research and Instructional
 Designer Coordinator
 Shannon Winstead, 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 Report

Compiled by Tracey Poston-Wang

Former Vermont Professor Sentenced to Prison

Eric Poehlman, a former University of Vermont College of Medicine (UVM) professor, drew a one-year and one day prison term yesterday for fabricating data and making false statements related to his research studies. Poehlman will be the first researcher to serve prison time as a result of falsifying data in a grant application to the National Institutes of Health. In 2000, a research assistant began to question what appeared to be the addition of falsified data to the datasets Poehlman used. UVM launched an investigation after the research assistant filed a formal complaint. The university concluded that data had been falsified and turned the results over to the Office of Research Integrity and the Department of Justice. From approximately 1992 to 2000, Poehlman was awarded NIH and Department of Agriculture grants worth \$2.9 million; those grant applications, the government found, included false and fabricated research.

Bill Seeks Harmonization of Patient Safety Rules

A Expansion of the "Common Rule" to protect all research subject participants is the goal of legislation introduced earlier this month. Rep. Diana DeGette (D-Colo.) and Paul Gillmor (R-Ohio) sponsored the "Protection for Participants in Research Act of 2006" (H.R. 5578). The bill would extend the Common Rule to all federal research and would require informed consent and IRB approval of all human research studies. Public or private entities, including colleges and universities, would not be eligible for grants or awards unless they have human subjects research protection training. The bill also calls for HHS and the FDA to "harmonize" their patient safety regulations. The Office of Human Research Protections would be authorized by statute (instead of cre-

ated by the agency) and its enforcement authority and tools would be strengthened.

NIH-Supported Researcher Engaged in Misconduct

The Office of Research Integrity (ORI) has found that Lingjie Zhao, former doctoral student at the University of Iowa, engaged in research misconduct. Zhao falsified research records included in a manuscript submitted for publication in an NIH Cancer Research, drafts of her work reported in the lab, and drafts of her work reported to her dissertation committee. She has entered into a Voluntary Exclusion Agreement for a period of three years beginning on June 3, 2006.