



RESEARCH ENTERPRISE

September 13, 2006

The *RESEARCH ENTERPRISE* is the new mode of communication from the IUPUI Office of Research and Sponsored Programs (R&SP). The *ENTERPRISE* is published monthly, distributed by e-mail, and contains time sensitive research information as well as links to information on grants and contracts, funding opportunities, research compliance, and research centers. This information is in the process of being reorganized and will be updated monthly. The Office of Research and Sponsored Programs appreciates your feedback on this publication.

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EVENTS

GRANT WRITING WORKSHOP

The annual GRANT WRITING WORKSHOP will be held on November 13, 2006 on the IUPUI campus. This workshop has previously been sponsored by the IU School of Medicine. This year, for the first time, the workshop is co-sponsored by the IUPUI Research and Sponsored Programs Office in order to encourage investigators from all over the IUPUI campus to take advantage of this outstanding opportunity. This workshop is appropriate for all faculty who are contemplating a competitive application to federal or state agencies or foundations. The workshop emphasizes idea development, how to write for grant reviewers, and tips and strategies for great grantsmanship. For a detailed description of the workshop and registration instructions please go to:

<http://cme.medicine.iu.edu/?id=24177>

UPDATES

OCTOBER 1: AVOID LAST MINUTE RUSH FOR NIH DEADLINE

The October 1 NIH grant application receipt deadline is quickly approaching. The number of applications submitted by IUPUI investigators is expected to be larger than ever this year. IUPUI Sponsored Research Services (SRS) requests that they receive your proposal at least **three (3) business days prior to the NIH receipt deadline**. If you need additional time to complete the narrative portion of the proposal, please consider the partial proposal process or the budget pre-certification process. Additional information is available at: <http://www.iupui.edu/%7Eerspcommu/2005/special-june-05.htm> - 'New Alternatives for Avoiding the Last Minute Rush'.

The IUPUI Research and Sponsored Programs Office believes that proposal submission is of paramount importance. Therefore, when proposals are submitted to SRS so close to the agency receipt deadline that a full review by SRS is not possible, the proposal will be submitted to the funding agency and a full review of the proposal will be conducted after proposal submission. We anticipate that such cases will be few. Any issues that are found during the full review of the proposal will be discussed with the investigator and, if necessary, addressed at the time an award is made. If a proposal is found to violate federal, state, agency, and/or University guidelines, the University reserves the right to withdraw the proposal. Questions can be directed to Michelle Artmeier, Director of Proposal Services, at 278.8644 or any IUPUI Grant Specialist at 274.8285

OCTOBER 3: DEADLINE FOR INTERNAL PHILANTHROPY RESEARCH FUND GRANT APPLICATIONS

The IUPUI Center on Philanthropy provides up to \$25,000 of support to Indiana University faculty for research on issues facing philanthropy and nonprofit organizations. For information on grant guidelines and application forms, please contact Heidi Frederick at 278-8983 or hkbaker@iupui.edu.

OCTOBER 15: DEADLINE FOR INTERNAL RESEARCH SUPPORT FUND GRANT (RSFG) APPLICATIONS

The IUPUI Research Support Funds Grant (RSFG) program is designed to enhance the research mission of IUPUI by supporting research projects and scholarly activities that are sustainable through external funding. The next Research Support Fund Grant (RSFG) application deadline is October 15, 2006. Grant guidelines and application forms are available at <http://www.iupui.edu/%7Eeresgrad/spon/funding-university.htm>. To access this information, scroll down the left side of the page to locate this opportunity and click on the identified links. Questions can be directed to Etta Ward at emward@iupui.edu or 317.278.8427.

OCTOBER 15: DEADLINE FOR INTERNAL INTERNATIONAL DEVELOPMENT FUND (IDF) GRANT APPLICATIONS

The IUPUI International Development Fund (IDF) Grant program is designed to stimulate international activities that will lead to external funding. The next IDF grant application deadline is October 15, 2006. Grant guidelines and application forms are available at <http://www.iupui.edu/%7Eeresgrad/spon/funding-university.htm>. To access this information, scroll down the left side of the page to locate this opportunity and click on the identified links. Questions can be directed to Etta Ward at emward@iupui.edu or 317.278.8427.

OCTOBER 16: DEADLINE FOR INTERNAL NEW FRONTIERS IN THE ARTS AND HUMANITIES GRANT APPLICATIONS

The IU New Frontiers in the Arts and Humanities grant program is designed to help IU faculty members expand their work into disciplinary or interdisciplinary frontiers that promise new insights into the human condition or pursue innovative directions in artistic creativity. Grant guidelines and application forms are available at <http://research.indiana.edu/funding/newfron/ahumanity.html>. Questions can be directed to Geoffrey W. Conrad at newfron@indiana.edu or (812) 855-8913.

LIMITED SUBMISSION FUNDING OPPORTUNITIES

Occasionally a funding agency places a limitation on the number of proposals that can be submitted from a campus or university system. For a description of the upcoming "limited submission" funding opportunities, guidelines and application forms, go to: <http://www.srs.indiana.edu/LimSub/LimSub.asp>. Questions can be directed to Etta Ward at emward@iupui.edu or 317.278.8427

LOAN REPAYMENT PROGRAMS

NIH offers to repay up to \$35,000 annually of the qualified education debt of health professionals pursuing careers in biomedical and behavioral research. NIH is accepting online applications for the following five Loan Repayment Programs (LRPs): Clinical Research LRP, Clinical Research LRP for Individuals from Disadvantaged Backgrounds, Contraception and Infertility Research LRP, Health Disparities LRP, and Pediatric Research LRP. For more information, contact Research and Sponsored Programs at 278-3473, or visit the LRP Web site at www.lrp.nih.gov.

IDENTIFYING FUNDING OPPORTUNITIES

On-line search tools are available to IUPUI investigators who are interested in identifying funding opportunities in their areas of interest. Several are listed below:

Community of Science (COS): COS is a primary on-line search tool for identifying funding opportunities. To take advantage of this powerful tool, register at <http://www.cos.com/login/join.shtml> . Once you have completed the short registration process, you can personalized your search by selecting the option entitled “launch your workbench”. You can search for funding opportunities using key terms and save the results of up to 20 searches and have them directly delivered to you weekly via email..

National Institutes of Health (NIH) “NIH Guide”: To take advantage of this tool, register at <http://grants.nih.gov/grants/guide/listserv.htm>. It allows you to receive discipline specific funding opportunities that are delivered to you weekly via email.

National Science Foundation (NSF) “ MyNSF”: To take advantage of this tool register at <http://www.nsf.gov/mynsf/>. It allows you to receive discipline specific funding opportunities that are delivered to you weekly via email.

DID YOU KNOW?

CAMPUS RESEARCH FACTS:

The number of grant and contract proposals submitted by IUPUI investigators rose during the past year

The number of grant and contract awards to IUPUI investigators rose during the past year

The increase in the number of grant and contract awards to IUPUI investigators was greater than the increase in the number of proposals submitted by IUPUI investigators during the past year which indicates that IUPUI investigators continue to become more successful at writing competitive grant and contract proposals

The amount of external research funding obtained by IUPUI investigators now exceeds a quarter of a billion dollars a year

94% of the external funding obtained by IUPUI investigators was for grants and contracts in the area of health and life sciences in 2005-2006

NATIONAL RESEARCH FACTS:

In 2004-2005, the National Institutes of Health (NIH) Roadmap Initiative awarded 379 grants to 326 investigators from 134 academic institutions. Slightly more than 17% of the investigators were new to NIH. The success rate for proposals in

2005 was 17.2% (up from 13.2% in 2004). For 2006, the Roadmap budget is 1.2% (\$329 million) of the total NIH funding.

Source: <http://nihroadmap.nih.gov/pdf/NIHRoadmap-FactSheet-Aug06.pdf>

The number of grant applications submitted to the NIH during the past 2 years (2003-2005) equals the number of applications submitted in the prior 5 years (1999-2003)

The number of U.S. academic patents quadrupled from approximately 800 in 1988 to more than 3,200 in 2003. The increase in patents was highly concentrated in [the area of](#) life sciences.

FUNDING OPPORTUNITIES

NATIONAL INSTITUTES OF HEALTH

Behavioral Science Rapid Transition (B/START) (R03)

Designed to facilitate the entry of beginning investigators into the field of behavioral science research related to drug abuse. Standard NIH application deadlines apply. <http://grants1.nih.gov/grants/funding/submissionschedule.htm>
<http://grants.nih.gov/grants/guide/pa-files/PAR-06-541.html>

Cancer Education Grants Program (R25)

Designed to support programs to enhance cancer related career choice, update methodology, provide prevention and control training, and disseminate knowledge. Standard NIH application deadlines apply.

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>
<http://grants.nih.gov/grants/guide/pa-files/PAR-06-540.html>

Diabetes and Obesity

Several NIH agencies seek to develop cost effective and sustainable interventions that can be adopted in real world settings, for the prevention and control of diabetes and obesity. Standard NIH application deadlines apply.

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

R18 <http://grants.nih.gov/grants/guide/pa-files/PAR-06-532.html>

R34 <http://grants.nih.gov/grants/guide/pa-files/PAR-06-358.html>

Imaging and Bioengineering

National Institute of Biomedical Imaging and Bioengineering (NIBIB) invites applications for research supplements to promote clinical resident research experiences (R01, R37, P01, P41, P50, U01, U54). Application deadline is October 24, 2006.

<http://grants.nih.gov/grants/guide/pa-files/PAR-06-531.html>

Immune System, Brain Function and Behavior

Several NIH agencies solicit applications to study neuroimmune molecules and mechanisms involved in regulating normal and pathological central nervous system (CNS) function. Standard NIH application deadlines apply.

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

R01 <http://grants.nih.gov/grants/guide/pa-files/PA-05-054.html>

R21 <http://grants.nih.gov/grants/guide/pa-files/PA-06-533.html>

Immunology of Biofilms

Seeks to stimulate research on host response to microbial biofilms leading to improved strategies for diagnosing, preventing and treating biofilm-associated infectious diseases. Standard NIH application deadlines apply.

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

R01 <http://grants.nih.gov/grants/guide/pa-files/PA-06-537.html>

R21 <http://grants.nih.gov/grants/guide/pa-files/PA-06-538.html>

Mechanisms, Models, Measurement, and Management in Pain Research (R01, R03, R21)

Designed to inform the scientific community of the pain research interests of the various Institutes and Centers (ICs) at the National Institutes of Health (NIH) and to stimulate and foster a wide range of basic, clinical, and translational studies on pain as they relate to the missions of these ICs. Standard NIH application deadlines apply..

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

R01 <http://grants.nih.gov/grants/guide/pa-files/PA-06-544.html>

R03 <http://grants.nih.gov/grants/guide/pa-files/PA-06-543.html>

R21 <http://grants.nih.gov/grants/guide/pa-files/PA-06-542.html>

Membrane Protein Production and Structure Determination (R01)

Application deadline is October 28, 2006.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-003.html>

MDMA: Research Areas Needing More Emphasis (R01, R03, R21)

The National Institute of Drug Abuse (NIDA) seeks to increase the scope of the MDMA (3,4-methylenedioxymethamphetamine) research portfolio in order to provide a comprehensive, strategic, and balanced MDMA research program. Clinical and preclinical research is needed. Standard NIH application deadlines apply.

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

R01 <http://grants.nih.gov/grants/guide/pa-files/PA-04-152.html>

R03 <http://grants.nih.gov/grants/guide/pa-files/PA-06-524.html>

R21 <http://grants.nih.gov/grants/guide/pa-files/PA-06-525.html>

Parenting and Health Outcomes in Children

Several agencies are soliciting Exploratory/Developmental (R21) grant applications aimed at increasing the parenting skills and capacities of parents

and caregivers to improve the health outcomes of their young and adolescent children. Standard NIH application deadlines apply.

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

<http://grants.nih.gov/grants/guide/pa-files/PA-06-530.html>

Science Education Drug Abuse Partnership Award (R25)

Designed to support the development and evaluation of innovative model programs and materials for enhancing knowledge and understanding of neuroscience and the biology of drug abuse and addiction among K-12 students, the general public, health care practitioners, and other groups. Standard NIH application deadlines apply.

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

<http://grants.nih.gov/grants/guide/pa-files/PA-06-518.html>

NATIONAL SCIENCE FOUNDATION

Mathematics

Designed to support mathematics research motivated by, or having an effect on, problems arising in science and engineering. Application deadline is November 15, 2006.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5664

NSF Computer Research Infrastructure

Designed to support the acquisition, development, enhancement, and operation of research infrastructure that enables discovery, learning, and innovation in all computing fields. Application deadline is November 15, 2006.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12810&org=NSF&sel_org=NSF&from=fund

NSF Emerging Frontiers in Research and Innovation (EFRI)

Designed to support interdisciplinary teams of researchers focused on fundamental engineering research in the areas of autonomously reconfigurable engineered systems enabled by cyber infrastructure and cellular and biomolecular engineering. Preliminary application deadline is November 7, 2006.

<http://www.nsf.gov/pubs/2006/nsf06596/nsf06596.htm>

NSF Nano and Bio Mechanics Program

Designed to support research in mechanical properties of engineering materials and systems containing nanoscale features. Application deadline is October 1, 2006.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13523

IUPUI RESEARCH AND SPONSORED PROGRAMS CONTACT INFORMATION

Office of Research and Sponsored Programs	
<p>Union Building (UN) 618 620 Union Drive Indianapolis, IN 46202-5167</p> <p>General Information (317) 274-8288</p>	<p>Janice Froehlich Interim Vice Chancellor for Research Chancellor's Professor Professor of Medicine</p>
Research Compliance	
<p>General Information Brenda Dugan (317) 274-8289 FAX (317) 274-8744 bmdugan@iupui.edu resrisk@iupui.edu</p>	<p>Shelley Bizila Director of Research Compliance and Research Integrity Officer sbizila@iupui.edu</p> <p>Sara Brand Associate Director of Research Compliance (317) 274-8034 slbrand@iupui.edu</p> <p>Jody Harland Associate Director of Research Compliance (317) 278-7812 harlandj@iupui.edu</p>
Sponsored Research Services (SRS) / Proposals and Awards	
<p>General Information Shelle Pero (317) 278-3473 FAX (317) 274-5932 spero@iupui.edu rsinfo@iupui.edu</p>	<p>Sid Johnson Executive Director of Sponsored Research Services (317) 274-5520 wjohnson@iupui.edu</p> <p>Michelle Artmeier Director of Proposal Services (317) 278-8644 martmeie@iupui.edu</p> <p>Michael Helman Acting Assistant Director of Award Services (317) 278-6236 mhelman@iupui.edu</p>
Research Development Education and Communication	

General Information (317) 274-8288 FAX: (317) 278-3602 spondev@iupui.edu	Janice Froehlich Executive Director of Research Development, Education and Communication Etta Ward Director of Research Development, Education and Communication (317) 278-8427 FAX: (317) 278-3602 emward@iupui.edu
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