RESEARCH ENTERPRISE

November 14, 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.

- EVENTS
- UPDATES
- DID YOU KNOW?
- FUNDING OPPORTUNITIES
-

EVENTS

Business School Workshops and Web site: Collaboration in Healthcare and Life Sciences
Indiana University Kelley School of Business is sponsoring a workshop series and Web site to promote collaboration in healthcare and life science. This effort brings together executives, scientists, medical practitioners and scholars, policymakers, and faculty across a wide range of specialty areas to think strategically about key business issues. For further information go to www.kelley.iu.edu/lifesc.

The IUPUI conference on commercialization of life science products will be held on November 17, 2006. To register for this event and to learn more about future events, visit http://www.kelley.iu.edu/lifesc/series.html.

UPDATES

IUPUI Office of Research and Sponsored Programs Thanksgiving Schedule: The Office of Research and Sponsored Programs will be closed on Thursday, November 23 and Friday, November 24, 2006. The office will reopen on Monday, November 27, 2006. This includes the divisions of Sponsored Research Services (SRS), Research Compliance Administration (RCA), Research Development, Research Education, and Research Administration & Technology. If you have questions during this time, the following senior staff will be available to answer questions:
Sponsored Research Services: 317-278-3473
Research Compliance Administration: 317 274-8289 You will be directed to Investigational Drug Pharmacy and they will contact a member of the Research Compliance Administration Staff.

National Institutes of Health (NIH) requires electronic submission of RO1 Grants
Beginning February 5, 2007 NIH is requiring that Research Project Grants (RO1s) be submitted electronically via Grants.gov. All applications with a receipt date of February 5, 2007 and beyond will require electronic submission. For electronic submission go to http://www.grants.gov. This website contains a link entitled "apply for grants". When you access this site you will be able to choose grant application packages for a variety of grant mechanisms. All electronic grant application packages use the same standard form 424. The 424 form is required for all electronic grant submissions. Paper copies of RO1 applications will no longer be accepted by NIH after

February 5, 2007. For additional information on the R01 submission transition, visit
http://era.nih.gov/ElectronicReceipt/news_11-3-06.htm. Questions can also be directed to Amy
Arvin in the IUPUI Office of Research and Sponsored Programs aarvin@iupui.edu or
317.278.5367

National Institutes of Health Changes Standard Submission Receipt Dates
NIH announced changes in standard grant submission receipt dates. This change in dates
affects applications submitted to NIH, Agency for Healthcare Research and Quality (AHRQ), and
National Institute for Occupational Safety and Health (NIOSH). The new dates are effective as of
January 2007 and will apply to both paper and electronic applications. Changes were made to
receipt dates in order to improve electronic system response time, to maintain a better workflow
at Grants.gov and NIH help desks, and to help alleviate a back up of proposals at applicant
institutions. Please note that Applications for Request for Applications (RFAs) and Program
Announcements (PAs, PARs, PASs) with special receipt dates continue to be due on the
specified dates listed in the Funding Opportunity Announcement (FOA). For additional
information, see http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-001.html. Questions
can be directed to Michelle Artmeier in the IUPUI Office of Research and Sponsored Programs at
martmeie@iupui.edu or 317.278.8644.

	Receipt Cycle I	Receipt Cycle II	Receipt Cycle III
Program Project Grants and Center Grants all P Series *new, renewal, resubmission, revision**	January 25 (old date Feb. 1)	May 25 (old date June 1)	September 25 (old date Oct. 1)
Research Grants R10, R18, R24, R25 *new, renewal, resubmission, revision**	January 25 (old date Feb 1, March 1)	May 25 (old date June1, July 1)	September 25 (old date Oct. 1, Nov. 1)
Research-Related and Other Programs all S and G Series, C06, M01 *new, renewal, resubmission, revision**	January 25 (old date Feb. 1)	May 25 (old date June 1)	September 25 (old date Oct. 1)
Institutional Ruth L. Kirschstein National Research Service Awards - T Series (Training)** *new, renewal, resubmission, revision**	January 25 (old date Jan. 10)	May 25 (old date May 10)	September 25 (old date Sept. 10)
Research Grants - R01 *new*	February 5 (old date Feb. 1)	June 5 (old date June 1)	October 5 (old date Oct. 1)
Research Career Development all K series *new*	Feb 12 (old date Feb. 1)	June 12 (old date June 1)	October 12 (old date Oct. 1)
Research Grants - R03, R21, R33, R21/R33,	February 16	June 16	October 16

R34, R36 *new*	(old date Feb. 1)	(old date June 1)	(old date Oct. 1)
Academic Research Enhancement Award (AREA) - R15 *new, renewal, resubmission, revision**	February 25 (no change)	June 25 (no change)	October 25 (no change)
Research Grants - R01 *renewal, resubmission, revision**	March 5 (old date March 1)	July 5 (old date July 1)	November 5 (old date Nov. 1)
Research Career Development all K series *renewal, resubmission, revision**	March 12 (Old date March 1)	July 12 (old date July 1)	November 12 (old date Nov. 1)
Research Grants - R03, R21, R33, R21/R33, R34, R36 *renewal, resubmission, revision**	March 16 (old date March 1)	July 16 (old date July 1)	November 16 (Old date Nov. 1)
New Investigator R01 *resubmission* for those applications involved in pilot ONLY (http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-060.html)*	March 20 (no change)	July 20 (no change)	November 20 (no change)
Small Business Innovation Research (SBIR), Small Business Technology Transfer (STTR) Grants - R43, R44, R41 and R42 *new, renewal, resubmission, revision**	April 5 (old date April 1)	August 5 (old date Aug. 1)	December 5 (old date Dec. 1)
Individual Ruth L. Kirschstein National Research Service Awards (Standard) all F series Fellowships. *new, renewal, resubmission**	April 8 (old date April 5)	August 8 (old date Aug. 5)	December 8 (old date Dec. 5)
Conference Grants and Conference Cooperative Agreements - R13, U13 *new, renewal, resubmission, revision**	April 12 (old date April 15)	August 12 (old date Aug. 15)	December 12 (old date Dec. 15)

AIDS and AIDS-Related Grants ALL of the mechanisms cited above *new, renewal, resubmission, revision**	May 1 (no change)	September 1 (no change)	January 2 (no change)

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 personalize 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 search 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 search 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.

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.

DID YOU KNOW?

IUPUI RESEARCH FACTS:

In fiscal year 2005-2006, eight IUPUI schools had awards totaling 2 million or more. The School of Medicine had the largest award total followed by the School of Liberal Arts. The School of Medicine had the largest dollar increase in awards (22 million) and Engineering and Technology had the greatest percent increase in award dollars (61%).

In 2005 IUPUI ranked 57th among public institutions in federal dollars, 47th in total research dollars expended, and 43rd in number of postdoctoral fellows.

NATIONAL RESEARCH FACTS:

The average age of Ph.D. scientists obtaining their first faculty position in 2004 was 38.5 years.

The average age of scientists getting their first R01 award in 2004 was 42 years.

The number of R01 grants funded on the first submission declined from 1556 in 2002 (success rate of 18%) to 970 in 2005 (success rate of 9%).

The success rate for R01 grants doubles when the application is revised and resubmitted.

The success rate for renewal of R01 grants declined from 49% in 2002 to 32% in 2005.

FUNDING OPPORTUNITIES

NATIONAL INSTITUTES OF HEALTH

Alcohol Education Project Grants (R25) To develop health education activities in the following areas: 1) K-12 science education and undergraduate/graduate education; 2) health professions education; and 3) public health education. For this round only, Special Receipt date for New and resubmissions is December 21, 2006. Standard Receipt dates thereafter.
http://grants.nih.gov/grants/guide/pa-files/PAR-07-001.html http://grants.nih.gov/grants/guide/pa-files/PAR-07-001.html

Community-Based Participatory Research at NIMH (R21) To support research partnerships between community-based, clinical/services settings and research institutions aimed at reducing the burden of mental illness, behavioral disorders and HIV/AIDS through research on mind, brain, and behavior. Standard dates apply:
http://grants1.nih.gov/grants/funding/submissionschedule.htm#reviewandaward
http://grants.nih.gov/grants/guide/pa-files/PAR-07-004.html

Consumer Assessment of Healthcare Providers and Systems (CAHPS) III (U18)
Develop and test ways that organizations can use CAHPS data for quality improvement purposes; conduct research on and strategies for reporting CAHPS results to consumers, patients and other audiences; develop and test resources to assist report developers in designing useful and usable reports; or disseminate and promote the use of CAHPS products. Application deadline is December 18, 2006. http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-07-001.html

Design, Synthesis, and Preclinical Testing of Potential Treatment Agents for Drug Addiction (R01) The National Institute on Drug Abuse (NIDA), solicits research applications from institutions/organizations that propose design, synthesis, and preclinical testing of potential treatment agents for drug addiction and/or relapse prevention. Application deadline is January 26, 2007. http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-07-006.html

Environmental Health Sciences (EHS) Core Center Grants (P30) To establish innovative programs in the field of environmental health sciences by providing scientific and programmatic support for promising investigators and areas of research. Application deadline is February 27, 2007. http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-010.html

Facilitating Interdisciplinary Research via Methodological and Technological Innovation in the Behavioral and Social Sciences (R21) To develop new/innovative measures, methods, and technologies that support the interdisciplinary integration of human social and/or behavioral science with other disciplines across varying levels of analysis. Application deadline is February 23, 2007. http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-004.html

Health Interventions (R18) To test the effectiveness of interventions in children, adolescents, and/or adults to: (1) promote healthful behaviors; (2) reduce risk factors for heart, lung, and blood diseases, and sleep disorders; (3) improve the prevention or management of heart, lung, and blood diseases, and sleep disorders, including the delivery of health care services; and (4) enhance understanding of the processes of intervention implementation and diffusion, or sustainability in a defined population, or defined clinical or community setting. Standard NIH dates apply. http://grants1.nih.gov/grants/funding/submissionschedule.htm
http://grants.nih.gov/grants/guide/pa-files/PA-07-017.html

Improved Measures of Diet and Physical Activity for the Genes and Environment Initiative (GEI) (U01) Develop technologies or biomarkers to measure diet and physical activity that are reliable and valid, have low respondent burden, and are economically feasible for use in studies of free-living, diverse populations. Application deadline is January 11, 2007.
http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-07-032.html

Membrane Associated Signaling Defects in Immune Cells with Aging (R21)
Designed to stimulate investigations that will define the molecular basis for the impairment of the formation and function of immune synapses in immune cells from aged individuals. Application deadline is December 15, 2006.
http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-07-006.html

Point-of-Care Technologies Research Network (U54)
Each Center within the network will perform or facilitate five different Core functions: (1) conducting in-house clinical testing of prototype point-of-care devices; (2) collaborating with physical scientists, biochemical scientists, computational scientists, and engineers on exploratory technology development projects; (3) completing clinical needs assessments in areas anticipated to advance the field of point-of-care testing and disseminating this information to the technology development community; (4) providing training to technology developers on clinical issues related to the development of point-of-care devices; and (5) providing an adequate administrative structure to ensure that the large, complex Center achieves its goals. Application deadline is January 17, 2007.
http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-06-002.html

Resource Centers and Coordinating Center for Minority Aging Research (RCMAR) [P30]
Designed to support Resource Centers for Minority Aging Research (RCMAR) and the RCMAR Coordinating Center. Application deadline is January 27, 2007. http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-07-005.html

Structural Interventions, Alcohol Use, and Risk of HIV/AIDS (R03, R21)
Designed to investigate the effectiveness of structural interventions that reduce the risk of HIV/AIDS transmission by changing the environment of alcohol use. Standard application deadlines apply: http://grants1.nih.gov/grants/funding/submissionschedule.htm#AIDS
R03 http://grants.nih.gov/grants/guide/pa-files/PA-07-006.html
R21 http://grants.nih.gov/grants/guide/pa-files/PA-07-005.html

Technology Development for Biomedical Applications (R21)
Designed to support the development of new and improved instruments or devices, new methodologies using existing instruments, or software related to instrumentation. Application deadline is January 26, 2007.
http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-06-004.html

Understanding and Promoting Health Literacy (R03, R21) To encourage empirical research on health literacy concepts, theory and interventions as these relate to the U.S. Department of Health and Human Services public health priorities that are outlined in its Healthier US and Healthy People 2010 initiatives. Application deadline is May 24, 2007. R21
http://grants.nih.gov/grants/guide/pa-files/PAR-07-018.html
R03 http://grants.nih.gov/grants/guide/pa-files/PAR-07-019.html

NATIONAL SCIENCE FOUNDATION

Developmental and Learning Sciences To support studies that increase our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Application deadline is January 19, 2007.
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07508

Grant Opportunities for Academic Liaison with Industry (GOALI) To synergize university-industry partnerships by making funds available to support an eclectic mix of industry-university linkages. Special interest is focused on affording the opportunity for: (1) faculty, postdoctoral fellows and students to conduct research and gain experience with production processes in an industrial setting, (2) industrial scientists and engineers to bring industry's perspective and integrative skills to academe, and (3) interdisciplinary university-industry teams to conduct long-term projects. Applications accepted anytime.
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501016

Major Research Instrumentation Program (MRI) Encourages the development and acquisition of research instrumentation for shared inter- and/or intra-organizational use and in concert with private sector partners. This is a limited submission opportunity. Questions about the internal selection process can be directed to Etta Ward at emward@iupui.edu or 317.278.8427.

Networking Technology and Systems To encourage investigators to make bold assumptions about the future of networking. The scope of the program covers all properties of information networks including network architecture, protocols, algorithms, and proof of concept implementation of hardware and software. Application deadline is January 22, 2007.
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07507

Strategic Technologies for Cyberinfrastructure Program To support work leading to the development and/or demonstration of innovative cyberinfrastructure services for science and engineering research and education. Application deadline is February 28, 2007.
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=500066

The Ecology of Infectious Diseases To support the development of predictive models and the discovery of principles governing the transmission dynamics of infectious disease agents. Application deadline is January 29, 2007. http://www.nsf.gov/pubs/2007/nsf07513/nsf07513.htm

DEPARTMENT OF DEFENSE

Free Electron Laser-Related Biomedical Research To exploit the application of free electron laser (FEL) and other light source technology to medicine and biology, especially for military needs. Proposed efforts should be conducted by interdisciplinary teams. Application deadline is February 28, 2007. http://www.grants.gov/search/search.do?mode=VIEW&oppId=11250

Test and Evaluation (T&E) Research Program To support basic research needs identified by the Air Force Test and Evaluation Community. Application deadline is December 14, 2006.
http://www.afosr.af.mil/Documents/research_FY06TEBAA.pdf

Young Investigator Program Office of Naval Research's Young Investigator Program seeks to identify and support academic scientists and engineers who have received Ph.D. or equivalent degrees within the last five years (on or after 01 November 2001 for this FY07 competition) and who show exceptional promise for doing creative research. Application deadline is January 22, 2007. http://www.grants.gov/search/search.do?mode=VIEW&oppId=11246

NASA

History of Scientific Exploration of Earth and Space (HSEES) Designed to support production of accurate, complete, interpretive and readable histories of major activities in NASA's scientific explorations. Notice of intent to propose are due December 15, 2006.
http://nspires.nasaprs.com/external/viewrepositorydocument/70449/Amendment%2019.pdf

NATIONAL ENDOWMENT FOR THE HUMANITIES

Special Projects Implementation: Designed to support a variety of public humanities program formats, including public discussion forums, hands-on learning experiences, discussion series based on reading or film-viewing, multi-faceted conferences, or symposia. Application deadline is January 23, 2007. http://www.neh.gov/grants/guidelines/implement-special.html

IUPUI RESEARCH AND SPONSORED PROGRAMS
CONTACT INFORMATION

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

	(317) 278-8644 martmeie@iupui.edu Michael Helman Acting Assistant Director of Award Services (317) 278-6236 mhelman@iupui.edu
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