

RESEARCH ENTERPRISE

January 11, 2007

The *RESEARCH ENTERPRISE* is the major 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 updated monthly. The Office of Research and Sponsored Programs appreciates your feedback on this publication.

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ANNOUNCEMENTS

APPLICATIONS FOR IUPUI CENTER/INSTITUTE STATUS

A new process for reviewing applications for IUPUI center/institute status has been established. Instructions for submission of applications are available at <http://www.iupui.edu/%7Eeresgrad/resg/iupui-center-request.htm>. Applications will be reviewed within 6 weeks of receipt date.

IUPUI REGISTRATION OF HUMAN AND PRIMATE CELL LINES

Per OSHA and CDC regulation, all human and primate cell lines, primary or established, must be handled at Biosafety Level 2. As a result, any research involving these cell cultures at IUPUI must be registered one time with the Research Compliance Administration office. Laboratories will be subject to a single inspection by the Biosafety Manager. To aid in this registration, the Committee has developed a short Registration Form which can be found on the Research and Sponsored Programs webpage at the following link:

http://www.iupui.edu/~resgrad/spon/biohazard_application.rtf

IUPUI IRB POLICY REGARDING CHILD ASSENT

The IUPUI IRB Executive Committee agreed upon a policy with regard to obtaining assent from children to enter a clinical trial. The policy specifies that assent documents must be offered to children aged 7 to 17 and hence all children age 7 or older will be asked to provide assent. If Principal Investigators believe this is unreasonable the PI must prospectively request a waiver of assent. When a waiver is granted by the IRB, the IRB will require an age-appropriate information sheet to be provided to the child subject. This policy applies to all new study submissions. Existing studies shall be updated at the time of continuing review. Forms are available on the IUPUI Research Compliance Administration (RCA) website.

<http://www.iupui.edu/%7Eeresgrad/spon/rescompcontent2.htm> For detailed information or questions contact any IUPUI RCA staff member at 274-8289 or resrisk@iupui.edu.

VA INFORMED CONSENT STATEMENT NOW MANDATORY AT IUPUI

In an effort to comply with VA regulations, the IUPUI IRB will now require all investigators with active enrollment of subjects at the VA to submit the VA-specific informed consent form 10-1086. This applies to both new and existing studies with open enrollment at the VA hospital. Forms are available on the IUPUI Research Compliance Administration (RCA) website

http://www.iupui.edu/%7Eeresgrad/spon/va_forms.htm. Questions may be directed to any RCA staff member at 274-8289 or resrisk@iupui.edu.

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 RO1 applications with a receipt date of February 5, 2007 and beyond must be submitted electronically and paper copies will not be accepted by NIH after this date. 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. For additional information on the RO1 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

NIH: CHANGES IN STANDARD SUBMISSION RECEIPT DATES

Grant submission receipt dates have changed for 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. 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

NIH FISCAL POLICIES CHANGE

Inflationary adjustments for existing non-competing renewal awards will not be made in FY2007. NIH Institutes and centers (ICs) will maintain the flexibility to supplement non-competing awards on a case by-case basis according to scientific and programmatic imperatives. For more information go to <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-030.html>

UPDATES

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 an on-line search tool used to identify 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 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.

Limited Submission Funding Opportunities: Occasionally a funding agency places a limitation on the number of proposals that can be submitted from a campus or a 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?

RESEARCH FACTS:

Number of research dollars awarded to IUPUI for November increased by 9.3% over the previous November. For the same period, number of research dollars awarded to Indiana University at Bloomington decreased by 13.6%.

For the year to date, awards to the Indianapolis campus are down 4.2 % compared to a year ago.

Full-time academic life scientists reported a mean salary of \$78,000, an increase of 5.4% since last year. Academic post doctoral fellows received an average increase of 8.1%, giving them a mean salary of \$40,000. Older scientists tended to find their work more satisfying than younger scientists. Many younger scientists listed mentoring and guidance among the most important factors in their job satisfaction. (American Association for the Advancement of Science, 2006). http://sciencecareers.sciencemag.org/career_development/previous_issues/articles/2006_11_03/life_scientists_report_rising_salaries_and_high_job_satisfaction

FUNDING OPPORTUNITIES

NATIONAL INSTITUTES OF HEALTH

Ambulatory Safety and Quality Program: Improving Quality through Clinician Use of Health IT (R18)

Focus is on development of health information technology (health IT) that assists clinicians, practices and systems in improving the quality and safety of care delivery and medication management in ambulatory care settings. Application deadline is February 14, 2007. <http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-07-006.html>

Ancillary Studies in Clinical Trials (R01)

Focus is on conducting time-sensitive ancillary studies in conjunction with on-going clinical trials (NIH or non-NIH supported) related to heart, lung and blood diseases and sleep disorders. Application deadline is February 13, 2007. <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-07-009.html>

Collaborative R01s for Clinical and Services Studies of Mental Disorders, AIDS and Alcohol Use Disorders (R01)

Focus is collaborative intervention trials in the treatment, prevention or rehabilitation of those with mental disorders and alcohol use disorders and comorbid mental disorders. <http://grants.nih.gov/grants/guide/pa-files/PA-07-092.html>

Collaborative Interdisciplinary Research Program in Diabetes, Endocrinology and Metabolic Diseases (R24)

Focus is on providing resources for problems where multiple levels of expertise are needed to focus on a single large problem in biomedical research relevant to the mission of the Division of Diabetes, Endocrinology and Metabolic Diseases at NIDDK. Application deadline is February 23, 2007. <http://grants.nih.gov/grants/guide/pa-files/PA-07-188.html>

Co-Occurring Mental Illness, Alcohol and/or Drug Abuse & Medical Conditions (R01)

Focus is the organization, management, integration, dissemination and implementation, and financing of services for co-occurring mental illness, alcohol and/or drug abuse, and

commonly co-occurring medical conditions, as well as the impact of these factors on the quality, cost, access, utilization, outcomes, and cost and cost effectiveness of care. <http://grants.nih.gov/grants/guide/pa-files/PA-07-104.html>

Correlative Studies with Specimens from Multi-Site Trials (R01)

Focus is on providing investigators with support for correlative studies using trial-related tumor specimens. <http://grants.nih.gov/grants/guide/pa-files/PA-07-177.html>

Cross-Disciplinary Translational Research at NIH (R01, R02, R21)

Focus is on research that furthers the translation of existing knowledge into treatment and treatment practice, or research that, in and of itself, will readily translate to clinical research or practice. <http://grants.nih.gov/grants/guide/pa-files/PA-07-109.html>

Decision Making in Health: Behavior Maintenance (R01)

Focus is on the basic decision-making processes underlying initiation and long-term maintenance of healthy lifestyle behaviors that may reduce one's risk of cancer and other chronic diseases, such as cardiovascular disease, diabetes, and addiction. <http://grants.nih.gov/grants/guide/pa-files/PA-07-204.html>

Diet, Epigenetic Events, and Cancer Prevention (R01)

Focus is on clinical and preclinical research to determine how diet and dietary factors, including dietary supplements, impact DNA methylation, histone posttranslational modification, and other epigenetic processes involved in cancer prevention and development. <http://grants.nih.gov/grants/guide/pa-files/PA-07-175.html>

Drug Abuse Prevention Intervention Research (R01)

Focus is on cognitive, behavioral, and social processes as they relate to the development of novel drug abuse prevention approaches; the efficacy and effectiveness of newly developed and/or modified prevention programs; the processes associated with the selection, adoption, adaptation, implementation, sustainability, and financing of empirically validated interventions; and methodologies appropriate for studying complex aspects of prevention science. <http://grants.nih.gov/grants/guide/pa-files/PA-07-110.html>

Economics of Diet, Activity, and Energy Balance (R01)

Focus is on causes of obesity and research strategies that nest economic analysis within a broader interdisciplinary context of other social and behavioral sciences as well as the epidemiological, biostatistical, medical, and biological disciplines relevant to public health policy. <http://grants.nih.gov/grants/guide/pa-files/PA-07-205.html>

Effects of Emerging Cellular, Molecular, and Genomic (CMG) Technologies on Cancer Health Care Delivery (R01)

Focus is on assessing CMG technologies in relation to: quality of care; organizational barriers and change factors in utilization; cost and cost-effectiveness; disparities in access and efficacy; monitoring of cross-sectional patterns of care and time trends; impact on existing standards of care; and influence on cancer outcomes such as incidence, progression, mortality, survival, and quality of life. <http://grants.nih.gov/grants/guide/pa-files/PA-07-260.html>

Emergency Medical Services for Children (R01)

Focus is on prevention research to reduce the need for emergency care; clinical research to ensure that children receive high-quality and appropriate medical, nursing and mental health care in an emergency; health systems research, from pre-hospital care, to the emergency department, to in-patient care and return to the community; cost-effectiveness analyses; and methodological studies to improve the quality of research conducted. <http://grants.nih.gov/grants/guide/pa-files/PA-07-269.html>

Innovative Technologies for Molecular Analysis of Cancer (IMAT) Program

<http://grants.nih.gov/grants/guide/notice-files/NOT-CA-07-005.html>

In Utero Exposure to Bioactive Food Components and Mammary Cancer Risk (R01)

Focus is on understanding of the relationship between exposures to bioactive food components and/or environmental chemicals in utero, hormonal and growth-factor response, gene expression or epigenetic changes, and subsequent mammary cancer risk in preclinical models.

<http://grants.nih.gov/grants/guide/pa-files/PA-07-178.html>

Malignancies in AIDS and Acquired Immune Suppression (R01)

Focus is on biological basis of development and progression of cancer in the context of HIV infection and AIDS or acquired immune suppression not associated with HIV infection such as organ transplantation. <http://grants.nih.gov/grants/guide/pa-files/PA-07-173.html>

Mechanism for Time-Sensitive Research Opportunities (R01)

Focus is on public mental health and/or substance abuse services research in rapidly evolving areas (e.g., changes in service systems, health care financing, policy, etc) where opportunities for empirical study are, by their very natures, only available through expedited award of support.

Application deadline is the 9th of each month. <http://grants.nih.gov/grants/guide/pa-files/PA-07-157.html>

Metals in Medicine (R01)

Focus is on mechanisms by which organisms control transition metal ions and the roles of these metals in cellular regulation and signaling in health and disease. Much of the work is expected to involve collaborations including chemists, biologists, and medical researchers.

<http://grants.nih.gov/grants/guide/pa-files/PA-07-276.html>

Nanoscience and Nanotechnology in Biology and Medicine (R01, R21)

Focus is on engineering of bioactive nanoscale structures, processes and systems based on the advancement of our understanding of biology at the nanoscale. Application deadline is February 20. <http://grants.nih.gov/grants/guide/pa-files/PA-07-270.html>

National Cooperative Drug Discovery Groups for the Treatment of Mental Disorders, Drug or Alcohol Addiction (U19)

Focus is on creating multidisciplinary research groups or partnerships for the discovery of pharmacological agents to treat and to study mental illness, drug or alcohol addiction.

Application deadline is February 22. <http://grants.nih.gov/grants/guide/pa-files/PA-07-159.html>

National Institute on Deafness and Other Communication Disorders Translational Research Grants (R01)

Focus is on translational research in hearing, balance, smell, taste, voice, speech, and language conducted jointly by basic scientists and clinicians or clinical scientists. Application deadline is February 22. <http://grants.nih.gov/grants/guide/pa-files/PA-07-128.html>

Proteomics in Auditory Developmental and Disease Processes (R01)

Focus is on proteomics in auditory developmental and disease processes.

<http://grants.nih.gov/grants/guide/pa-files/PA-07-252.html>

Shared Instrumentation Grant Program (S10)

The NCCR Shared Instrument Grant program solicits applications from groups of NIH-supported investigators to purchase or upgrade commercially available instruments that cost at least \$100,000. The maximum award is \$500,000. Application deadline is March 21.

<http://grants.nih.gov/grants/guide/pa-files/PA-07-105.html>

Testing Tobacco Products Promoted to Reduce Harm (R01)

Focus is on multidisciplinary research on potential reduced-exposure tobacco products, both smoked and smokeless, through the interplay of basic, biological, and behavioral research, surveillance, and epidemiology. <http://grants.nih.gov/grants/guide/pa-files/PA-07-174.html>

Therapies and Clinical Studies for Screenable Disorders (R01)

Focus is on the basic understanding and development of therapeutic interventions for currently screened conditions and high priority genetic conditions for which screening could be possible in the near future. <http://grants.nih.gov/grants/guide/pa-files/PAR-07-184.html>

NATIONAL SCIENCE FOUNDATION

Mathematical Sciences: Innovations at the Interface with Computer Sciences

Focus is on collaborative research in fundamental mathematics and statistics, and computer science with a focus primarily on mathematical and statistical challenges posed by large data sets, managing and modeling uncertainty, and modeling complex nonlinear systems. Application deadline is March 12. <http://www.nsf.gov/pubs/2007/nsf07534/nsf07534.htm>

DEPARTMENT OF DEFENSE

Defense Advanced Research Projects Agency's (DARPA) Strategic Technology Office BAA

Focus is on Space and Near-Space Sensors and Systems; Strategic and Tactical Networks; Information Assurance; Counter Underground Facilities; Weapons of Mass Destruction (WMD) Defense; Small Unit Operations; Maritime Operations; and Core Strategic Technologies. <http://www.grants.gov/search/search.do?mode=VIEW&oppld=11810>

NATIONAL ENDOWMENT FOR THE HUMANITIES

Advancing Knowledge: The IMLS/NEH Digital Partnership

Focus is on projects that explore new ways to share, examine, and interpret humanities collections in a digital environment and to develop new uses and audiences for existing digital resources. Application deadline is March 27. http://www.neh.gov/grants/guidelines/Digital_Partnership.html

**IUPUI RESEARCH AND SPONSORED PROGRAMS
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