



## RESEARCH ENTERPRISE

July 12, 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**
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### EVENTS

#### **IUPUI NEW FACULTY ORIENTATION**

Every year IUPUI offers a half-day orientation for recently appointed faculty. The IUPUI Office of Research and Sponsored Programs will contribute to the opening session of this workshop and will make brochures available which contain information about the functions of the Office of Research and Sponsored Programs and how to contact staff. The orientation will be held on August 14, 2006 from 12:30 - 5:00 PM at the Informatics and Communications Technology Building (IT), 535 W. Michigan St.

Registration: <http://www.opd.iupui.edu/eventsRegister.asp?id=722&unit=APPD>

#### **CLINICAL RESEARCH COORDINATOR EDUCATION PROGRAM**

The Clinical Research Coordinator Education Program will be offered by the Indiana University School of Medicine – Office of Clinical Research, the Outpatient Clinical Research Facility, and the School of Nursing on September

13, 14, and 15, 2006 at the Ruth Lilly Learning Center, Conference Rooms A and B.

This program is mandatory for all new Indiana University School of Medicine research coordinators with less than 2 years of experience coordinating studies on the IUPUI/Clarian campuses. The program targets new and experienced study coordinators and new investigators from the Indiana University School of Medicine. Research personnel from the Indiana University Schools of Dentistry and Nursing, Clarian Health, and Roudebush VA and Wishard hospitals often attend and find the content useful.

The program provides guidance about how to conduct and coordinate clinical drug studies. The cost of the program is \$320 if registered by August 30, 2006 and \$370 after this date. Payments from grant accounts or other Indiana University accounts are acceptable.

Registration: <http://nursing.iupui.edu/lifelonglearning/>

Questions: Marta Sears at [msears@iupui.edu](mailto:msears@iupui.edu) or 317.274.3974

## GRANT OPPORTUNITES

### **ENVIRONMENTAL PATHWAYS**

The National Institute of Environmental Health Sciences (NIEHS), the National Institute on Alcohol Abuse and Alcoholism (NIAAA), and the National Heart, Lung, and Blood Institute (NHLBI) of the National Institutes of Health (NIH) invite applications that promote the understanding of biological processes (pathways and/or networks) that, when perturbed by environmental factors, stressors, or alcohol, alter the susceptibility to complex human diseases. This initiative aims to integrate the traditional strengths of the environmental health sciences, alcohol, and the cardiovascular, lung, and blood research communities with the emerging power of comparative biology approaches and high information-content techniques to determine the critical common pathways by which environmental stressors influence human health as well as the determinants of individual and population susceptibility to those environmental stressors. Applications are due by September 18, 2006. <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-06-004.html>

### **METABOLOMICS**

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) of the National Institutes of Health (NIH) seeks to encourage the use of innovative

metabolomics technologies to establish methods and model systems for advancing the understanding of biological pathways and networks; their temporal and spatial resolution; and their regulation in health and disease states. Applications are due by October 20, 2006.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-06-010.html>

## **BIODEFENSE TOXINS**

The National Institute of Allergy and Infectious Diseases (NIAID) of the National Institutes of Health (NIH) invites applications for the support of cooperative translational research into developing therapeutics and diagnostics for certain biodefense toxins: Shiga toxins, ricin toxin, the *Staphylococcus* enterotoxin B (SEB), *Clostridium perfringens* epsilon toxin, and the botulinum neurotoxins. Applications are due by November 27, 2006.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-06-035.html>

## **CLINICAL ONCOLOGY**

The National Cancer Institute (NCI) of the National Institutes of Health (NIH) seeks applications for the Paul Calabresi Award for Clinical Oncology (PCACO). The purpose of this award is to increase the number of medical doctors (M.D.'s, D.O.'s), and doctorally-degreed nurses (Ph.D.'s or equivalents) and basic research scientists (Ph.D.'s, D.V.M.'s, or equivalents) who are highly-motivated and trained to: 1) primarily perform clinical oncology therapeutic research that develops and tests scientific hypotheses based on fundamental and clinical research findings; 2) design and test hypothesis-based, clinical therapeutic protocols and adjunct biological analyses and for clinician candidates to administer all phases (i.e., pilot/Phase I, Phase II, and Phase III) of cancer therapeutic clinical trials, and (3) conduct cancer therapeutic research in team research settings in which basic research and clinical scientists collaborate and interact to expedite the translation of basic science research discoveries into patient-oriented therapeutic cancer research. Applications are due by June 1, 2007.

<http://grants.nih.gov/grants/guide/pa-files/PAR-06-449.html>

## **COMMUNITY CLINICAL ONCOLOGY**

The National Cancer Institute (NCI) of the National Institutes of Health (NIH) solicits two types of applications for the components of the Community Clinical Oncology Program (CCOP) network, as follows: 1) new and currently funded (renewal) CCOP groups (also referred to as CCOPs); and 2) new and currently funded (renewal) CCOP Research Bases. A CCOP group consists of community oncologists from one or more interacting community institutions

who accrue patient/participants to clinical trials designed and conducted by the CCOP Research Bases. Each CCOP group must be capable of accruing annually at least 50 patients to treatment clinical trials and at least 50 participants to prevention and control clinical trials. A CCOP Research Base designs clinical trials for use in the CCOP network. It also conducts the trials, manages and analyses the data, and reports the results. CCOP Research Bases must either be NCI Clinical Cooperative Groups or NCI-designated Cancer Centers. Applications are due by August 28, 2006.  
<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-07-025.html>

## **BIOMARKERS INTERPRETATION**

The U.S. Environmental Protection Agency seeks applications for the development and subsequent use of physiologically based pharmacokinetic (PBPK) models to determine target tissue dose based on human biomarker data (including existing biomarker data, such as from epidemiological or occupational health studies or from biomarker data sets such as the CDC's National Health and Nutrition Examination Survey); the incorporation of biomarkers of susceptibility (e.g., polymorphisms) into new or existing PBPK models to describe differences in Phase I or Phase II metabolism and population variability in dose metrics; and the use of mathematical and statistical methods to use biomarker data to estimate and characterize the exposure consistent with biomarker levels. Applications are due by September 26, 2006.  
[http://es.epa.gov/ncer/rfa/2006/2006\\_star\\_pbk\\_modeling.html](http://es.epa.gov/ncer/rfa/2006/2006_star_pbk_modeling.html)

## **HIV/AIDS ETHIOPIA**

The Centers for Disease Control and Prevention of the U.S. Department of Health and Human Services invites applications for the twinning of U.S.-based universities with institutions in the Federal Democratic Republic of Ethiopia for AIDS relief to build progressively an indigenous, sustainable response to the national HIV epidemic through the rapid expansion of innovative, culturally appropriate, high-quality HIV/AIDS, prevention, care and treatment programs that target military and related populations. Applications are due by July 27, 2006.  
<http://www.cdc.gov/od/pgo/funding/PS06-647.htm>

## **MINORITY HEALTH AND HEALTH DISPARITIES**

The National Center on Minority Health and Health Disparities (NCMHD) of the National Institutes of Health seeks applications focusing primarily on minority health and health disparities research and secondarily on research training and community engagement and outreach. Applications are due by October 23, 2006.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-06-003.html>

## **INSTRUMENT DEVELOPMENT**

The National Institute of Arthritis, Musculoskeletal and Skin Diseases (NIAMS) of the National Institutes of Health (NIH) encourages projects that propose to design, evaluate, validate, and test new and/or improved outcome measures for clinical trials in diseases, illnesses and injuries of interest to the NIAMS (see <http://www.niams.nih.gov/rtac/funding/faq.htm>). The experimental design of a project may include, for example, consensus development approaches, meetings of experts, collection of data, beta testing of new instruments, mathematical and computer modeling, and validation studies. Applications are due by August 29, 2006.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AR-06-006.html>

## **PLANT GENOMICS**

The Directorate for Biological Sciences, Division of Biological Infrastructure of the National Science Foundation will support the following initiatives in 2007-2008: Genome-Enabled Plant Research (GEPR) awards to tackle major unanswered questions in plant biology on a genome-wide scale; Transferring Research from Model Systems (TRMS) to apply basic biological findings made using model systems to studying the basic biology of plants of economic importance, and Tools and Resources for Plant Genome Research (TRPGR) awards to support development of novel technologies and analysis to enable discovery in plant genomics. Applications are due by October 6, 2006.

<http://www.nsf.gov/pubs/2006/nsf06581/nsf06581.htm>

## **WATERSHED PROTECTION**

The Office of Water, Assessment and Watershed Protection Division of U.S. Environmental Protection Agency (EPA) requests applications to conduct projects that promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects (including health and welfare effects), extent, prevention, reduction and elimination of water pollution. Applications are due by August 15, 2006.

[http://www.epa.gov/owow/funding/awppg\\_rfp\\_2006.pdf](http://www.epa.gov/owow/funding/awppg_rfp_2006.pdf)

## **UPDATES**

## SUCCESS RATES FOR NIH GRANTS

The success rate for all new grant applications submitted to NIH in 2005 was 18.8%. For success rate by category of award see:

[http://grants1.nih.gov/grants/award/success/Success\\_ByActivity.cfm](http://grants1.nih.gov/grants/award/success/Success_ByActivity.cfm).

For success rate by submitting department, see:

<http://grants1.nih.gov/grants/award/success/meddept04.htm>

## PERSONALIZED FUNDING ALERTS

The Community of Science will notify you by email of new funding opportunities in your research area each week. There is no charge for IUPUI faculty to use this service which is made available through an IUPUI-IU subscription. To set up your profile, including key words for identification of appropriate funding opportunities, go to <http://registration.cos.com/cos/basic.html>. If you would like assistance in setting up your profile please contact Etta Ward at 317.278.8427 / [emward@iupui.edu](mailto:emward@iupui.edu) or Alicia Gahimer at 317.278.0249 / [algahime@iupui.edu](mailto:algahime@iupui.edu).

## IUPUI RESEARCH AND SPONSORED PROGRAMS CONTACT INFORMATION

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General Information (317) 274-8289 FAX: (317) 274-8744 <a href="mailto:resrisk@iupui.edu">resrisk@iupui.edu</a>	Shelley Bizila Director of Research Compliance and Research Integrity Officer <a href="mailto:sbizila@iupui.edu">sbizila@iupui.edu</a>  Sara Brand Associate Director of Research Compliance (317) 274-8034 <a href="mailto:sbrand@iupui.edu">sbrand@iupui.edu</a>  Jody Harland Associate Director of Research Compliance (317) 278-7812 <a href="mailto:harlandj@iupui.edu">harlandj@iupui.edu</a>

Sponsored Research Services (SRS) / Grants and Contracts	
<p>General Information  (317) 278-3473  FAX: (317) 274-8744  <a href="mailto:rspinfo@iupui.edu">rspinfo@iupui.edu</a></p>	<p>Sid Johnson  Executive Director of Sponsored Research Services  (317) 274-5520  <a href="mailto:wjohnson@iupui.edu">wjohnson@iupui.edu</a></p> <p>Michelle Artmeier  Director of Proposal Services  (317) 278-8644  <a href="mailto:martmeie@iupui.edu">martmeie@iupui.edu</a></p> <p>Michael Helman  Acting Assistant Director of Award Services  (317) 278-6236  <a href="mailto:mhelman@iupui.edu">mhelman@iupui.edu</a></p>
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