

# SPHHP Research Activities Newsletter

## In the News

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**Carole Rudra**, assistant professor of Social and Preventive Medicine, is principal investigator on a two-year grant funded by the National Institutes of Health. The study will assess a person's exposure over time to air pollutants in an urban area. Forty participants will use their own GPS-equipped smart phones, which will record their location several times a day during a three-month period. The researchers will check air pollution monitoring sites in various locations to determine participants' exposure to a number of pollutants. For the complete story, please see the UB Reporter:

[http://www.buffalo.edu/ubreporter/2011\\_02\\_17/smart\\_phones\\_pollution](http://www.buffalo.edu/ubreporter/2011_02_17/smart_phones_pollution)

**Jennifer Temple**, assistant professor of Exercise and Nutrition Sciences, is highlighted in the UB Reporter for her study involving gender differences in response to caffeine. It is the first study to demonstrate gender differences in physiological response to acute caffeine in adolescents. The study involved four 90 minute laboratory visits by 26 boys and 26 girls between the ages of 12 and 17. Jennifer's study can be found in the December 2010 issue of *Experimental and Clinical Psychopharmacology*. Please see the UB Reporter for the complete story: [http://www.buffalo.edu/ubreporter/2011\\_03\\_03/caffeine\\_response](http://www.buffalo.edu/ubreporter/2011_03_03/caffeine_response)

**Gregory Homish**, assistant professor of Community Health and Health Behavior, is first author of an article entitled Emergency Mental Health: Lessons Learned from Flight 3407 which appears in the current issue of *Disaster Medicine and Public Health Preparedness*. Greg, a specialist in emergency preparedness, notes that "pre-disaster planning, training and evaluations of previous responses help to ensure a coordinated approach to providing mental health services to all of the individuals in need." The article focuses on several key successes, as well as some areas in need of improvement. For the full press release, please see <http://www.buffalo.edu/news/12325>



## Reminders and Clarifications:

### NIH:

#### **Modification of the Biographical Sketch in NIH Grant Application Forms to Permit a Description of Factors that may have Reduced Productivity**

Beginning with applications submitted for the May 25, 2011 and subsequent receipt dates, the biosketch instructions will include a modification of the personal statement to remind applicants that they can provide a description of personal issues that may have reduced productivity. Such factors include family care responsibilities, illness, disability, military service and other personal issues. Peer reviewers and others will then have more complete information on which to base their assessment of qualifications and productivity related to the proposed role on the project. Providing information about personal issues is optional. If applicants wish to provide such information, they are encouraged to limit such descriptions to a few sentences. The revised instructions should appear in applications toward the end of March. Please see NOT-OD-11-045 for additional information: <http://grants.nih.gov/grants/guide/notice-files/not-od-11-045.html>

#### **Advanced Notice of Change in Policy on the Submission of Letters of Reference for Kirschstein-NRSA Fellowship (F) and Career Development (K) Applications**

The following change is effective for Individual Fellowship (F) applications intended for April 8, 2011 and subsequent due dates, and for Individual Career Development Award (K) applications intended for June 12, 2011 and subsequent due dates. Letters of Reference are due by the application receipt deadline date. Prior to this change, there was a 5 business days grace period for the receipt of letters of reference after the application due date. Letters of reference may be submitted any time after the Funding Opportunity Announcement (FOA) opens and not later than the application due date. Reference letters can be submitted before the grant application submission and such letters will be held and later linked to the appropriate application. Please see NOT-OD-11-036 for additional information:

<http://grants.nih.gov/grants/guide/notice-files/not-od-11-036.html>

### NSF:

All NSF proposals submitted on or after January 18, 2011 must include a supplementary document describing the "Data Management Plan" which will conform to NSF policy on the dissemination and sharing of research results. Additional information can be found on the OVPR web site: <http://www.research.buffalo.edu/NSFDataManagementPlan.pdf>.

## Help for your Unfunded NIH Applications

The National Health Council (NHC) just announced the availability of a database that will help link unfunded NIH applications with potential non-governmental funding sources.

In order to utilize the database, you must be the principal investigator on a grant application that was submitted to NIH, the application must have been peer-reviewed, it had to have received a numerical overall impact score, and the NIH made the decision not to fund the project.

If your application meets the criteria, you can choose to register with the NHC and submit your abstract. By registering, you will be able to search for information about organizations that fund research and their requests for abstracts.

Potential funders will also be able to search the database to find projects they might be interested in funding.

Please visit the website for more information: <http://healthresearchfunding.org/>

## Take a Peek at Four Funded Applications

Looking to see how other investigators have presented their projects and ideas using the new, shorter application format? The National Institute of Allergy and Infectious Diseases (NIAID) recently published four funded applications and their summary statements. These applications were selected as sound examples for new investigators as well as experienced investigators who are new to the shorter format. To highlight the excellent grantsmanship attributes, the Abstracts and Research Plans have been lightly annotated.

<http://funding.niaid.nih.gov/researchfunding/grant/pages/appsamples.aspx>

## What Makes an Application New?

NIH limits the number of times you can resubmit an application with essentially the same content and scope as an earlier application. Currently, applications are allowed only one resubmission (A1). Please see the following notices for the rules and policies used by NIH to evaluate potential duplicate and overlapping applications:

<http://grants.nih.gov/grants/guide/notice-files/not-od-10-080.html>

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-100.html>

Which applications are problems?

- Applications submitted as new (A0) but appear to be resubmissions (A1)
- Applications submitted as new but are substantially similar to an unsuccessful A1 application
- Applications submitted as second resubmissions (A2)
- Duplicate applications
- Overlapping applications

What does NIH look for?

“Significant and substantial change in content and scope” is what we consider when we determine if your “new” application is indeed new or a resubmission of an earlier application.

When we compare applications, we examine all parts, particularly the Specific Aims and Research Strategy sections using text comparison software and the expertise of those involved in the review process. Subsequent versions of an application may be quite different and are still considered to be overlapping if many of the hypotheses, aims, and/or outcome measures are the same or highly similar—particularly when the “new” application is responsive to the critiques of another application. We do not use a set formula. We make a scientific judgment on a case-by-case basis after carefully considering many factors.

Please visit the website for further information: <http://cms.csr.nih.gov/ResourcesforApplicants/OverlapEvaluation.htm>

## NIH Funding Opportunities: RFAs

### RFAs (Request for Applications)

RFA-HD-12-197 (R01) and RFA-HD-12-205 (R21)

#### **Disclosure of HIV-Status to Children in Low-and Middle-Income Country Settings**

This FOA solicits grant applications from institutions/organizations that propose to assess intervention studies of the process of disclosure of HIV infection status to children infected and affected by HIV in low-resource settings and for the process of HIV-infected women (and other caretakers) disclosing their HIV status to their children, or both. Such studies might include interventions for disclosing to HIV-infected children their own HIV status and/or for assisting HIV-infected mothers, fathers, and other caretakers in disclosing their HIV status to their children or both.

**Application Due Date:** November 29, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-197.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-205.html>

RFA-CA-11-501

#### **Childhood Cancer Survivor Study (Limited Competition U24)**

The purpose of this FOA is to continue support for Childhood Cancer Survivor Study (CCSS) as a resource enabling broad studies on the long-term effects of cancer and its associated therapies on survivors of pediatric cancers. CCSS (originally funded as an investigator initiated program) serves the overall goal to quantify and better understand the effects of pediatric cancer and its treatment on later health of cancer survivors, including behavioral and sociodemographic outcomes. For these goals, CCSS has been designed as a comprehensive multicenter effort to comprehensively manage large cohorts of survivors of childhood cancer.

**Application Due Date(s):** April 21, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-11-501.html>

## NIH Funding Opportunities: RFAs con't

RFA-NR-11-007

### **Interdisciplinary Approaches for HIV/Aids Risk-Avoidance Decision Making in Developing Adolescents (R01)**

The objectives of this FOA are to explore decision-making in adolescents relative to the avoidance of risk for HIV/AIDS. A better understanding of the role of psychological predictors and neurological biomarkers of adolescent risk-taking within sociological constructs can lead to alternative developmentally and culturally appropriate interventions which successfully address the rise in HIV infections in adolescents. Foundational research at the intersections of sociology, psychology, and both developmental and functional neuroscience is needed in order to advance this area. As such, formative research projects attempting to explain the neurological basis of decision-making in adolescents relative to the avoidance of risk for HIV/AIDS are the focus of this initiative.

**Application Due Date(s):** April 15, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-11-007.html>

RFA-NR-11-008

### **Acute Life Threatening Conditions and Opportunities for Palliative and end of Life Care Research (R01)**

Despite the improving outcomes in chronic and acute diseases, there continues to be a significant burden of illness associated with both, and characterized by symptom burden, diminished length and/or Quality of Life (QOL), and high costs to the health care system. The impact of the concomitant occurrence of both acute and chronic diseases is an under-researched area, especially in terms of the potentiating effect of an underlying chronic disease on the severity and impact of an acute illness, or the length or QOL. As a corollary to this, the potentiating effect of underlying adverse health risk factors (such as old age or belonging to ethno culturally diverse or medically underserved groups) on the prognosis and impact of either chronic or acute diseases, or their co-occurrence, also remains understudied. Examinations of this complex nature may therefore play a unique role in enhancing our understanding of the inter-relationships between acute and chronic diseases and the co-existence of the two on the one hand, and of palliative and End of Life (EOL) care on the other, especially in terms of examining the transition points and the interface between palliative care and pre-emptive End of Life (EOL) care.

**Application Due Date(s):** April 14, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-11-008.html>

RFA-DA-12-003 (R01) and RFA-DA-12-004 (R21)

### **The Placebo Effect: Mechanisms and Methodology**

The goal of this initiative is two-fold: [1] to stimulate cross-cutting, integrative research aimed at delineating the behavioral processes and neurobiological mechanisms by which a placebo leads to its ultimate physiological and psychological effects; and [2] to stimulate clinical research that can improve detection of placebo effects, as well as an understanding of how to manipulate (i.e., reduce or enhance) and control them. In the context of this initiative, integrative research is defined as the combined use of approaches from several scientific disciplines such as psychology, neuroscience, physiology, genetics, and/or molecular biology to investigate the mechanisms underlying placebo effects.

**Application Due Date(s):** May 24, 2011

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-12-003.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-12-004.html>



# Welcome Spring

## PAR (Program Announcements Reviewed by an Institute)

PAR-10-018

### **Accelerating the Pace of Drug Abuse Research Using Existing Epidemiology, Prevention, and Treatment Research Data (R01)**

Application Due Date(s): Standard dates apply

**Expiration Date:** January 8, 2013

The National Institute on Drug Abuse (NIDA) and the National Cancer Institute (NCI) invite applications to support the innovative analysis of existing social science and behavioral data to study the etiology and epidemiology of drug using behaviors (defined as alcohol, tobacco, and other drug), HIV risk behaviors, related disorders, prevention and treatment of these behaviors, and health service utilization including quality, access, and costs. NIDA and NCI encourage coordinated analyses of substance abuse research data that are in public use or that are privately held by a principal investigator.

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-018.html>

PAR-10-224

### **NIDA Program Project Grant Applications (P01)**

Application Due Date(s): Standard dates apply

**Expiration Date:** September 8, 2013

This FOA issued by the National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH), is to provide support for applications from institutions/organizations that propose broadly based investigative efforts with a well defined central focus or object to address critical issues in drug abuse and addiction involving neuroscience, behavior, prevention, treatment, epidemiology, etiology, health services, HIV/AIDS or other drug abuse-related research areas.

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-244.html>

PAR-10-133 (R01) and PAR-10-135 (R21)

### **Understanding and Promoting Health Literacy**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2013

The ultimate goal of this program announcement is 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 Healthy People initiative. Health literacy is defined as the degree to which individuals have the capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions.

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-133.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-135.html>

PAR-11-126

### **Silvio O. Conte Centers for Basic or Translational Mental Health Research (P50)**

Application Due Date(s): June 21, 2011; May 25, 2012; May 25, 2013

**Expiration Date:** May 26, 2013

The mission of the National Institute of Mental Health (NIMH) is to transform the understanding and treatment of mental illnesses through basic and clinical research, paving the way for prevention, recovery, and cure. To advance this mission, NIMH invites applications for Conte Centers for Basic and/or Translational Mental Health Research. The purpose of these Centers is to support interdisciplinary teams of researchers engaged in integrative, novel, and creative experimental approaches to address high-risk, high-impact scientific questions that will significantly advance the state of the science in brain and behavioral research relevant to mental health and/or transform the understanding and treatment of mental illnesses, as well as developing data and other research resources that are available to the scientific community to further advance research in this field.

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-126.html>

## NIH Funding Opportunities: PAs

### PA (Program Announcements)

PA-11-128

**Family and Interpersonal Relationships in an Aging Context (R01)**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-128.html>

PA-11-104 (R01) and PA-11-105 (R21)

**Reducing Health Disparities Among Minority and Underserved Children**

Application Due Date(s): Standard dates apply

**Expiration Date:** January 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-104.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-11-105.html>

PA-11-118 (R01) and PA-11-119 (R21)

**HIV/AIDS Testing and Follow-up Among the Underserved in the United States**

Application Due Date(s): Standard dates apply

**Expiration Date:** January 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-118.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-11-119.html>

PA-11-123 (R01) and PA-11-124 (R21)

**Translational Research to Help Older Adults Maintain their Health and Independence in the Community**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-123.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-11-124.html>

PA-11-111 (F31)

**Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-111.html>

PA-11-112 (F31-Diversity)

**Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-112.html>

PA-11-113 (F32)

**Ruth L. Kirschstein National Research Services Awards for Individual Postdoctoral Fellows**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-113.html>

PA-11-114 (F33)

**Ruth L. Kirschstein National Research Service Awards for Individual Senior Fellows**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-11-114.html>

## National Science Foundation

NSF 10-516

**Research on Gender in Science and Engineering**

Application Due Date(s): Letter of Intent: September 6, 2011; February 8, 2012

Proposal: October 13, 2011, March 26, 2012

The Research on Gender in Science and Engineering program supports efforts to understand and address gender-based differences in science, technology, engineering, and mathematics (STEM) education and workforce participation through research, the diffusion of research-based innovations, and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. Typical projects will contribute to the knowledge base addressing gender-related differences in learning and in the educational experiences that affect student interest, performance, and choice of careers; how pedagogical approaches and teaching styles, curriculum, student services, and institutional culture contribute to causing or closing gender gaps that persist in certain fields. Projects will communicate and apply findings, evaluation results, and proven good practices and products to a wider community.

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5475&org=NSF&sel\\_org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5475&org=NSF&sel_org=NSF&from=fund)



W81XWH-BAA-11-1 (CFDA 12.420)

### **U.S. Army Medical Research and Materiel Command Broad Agency Announcement for Extramural Medical Research**

Application Due Date(s): Submission is rolling

**Expiration Date:** September 30, 2011

The mission of the USAMRMC's telemedicine and advanced technology program is to explore medical science and engineering technologies ahead of programmed research, and to leverage programs to maximize benefits to military medicine. To accomplish this, research is centered around a number of scientific domains: Medical Robotics, Health Information Technologies, Medical Imaging Technologies, Advanced Prosthetics and Human Performance, Computational Biology, Biomonitoring Technologies, Simulation and Training Technology, Genomics and Proteomics, Integrative Disease Management, Infectious Disease, Neuroscience, Regenerative Medicine, Nanomedicine and Biomaterials, Trauma, Medical Logistics, and Telemedicine.

[http://www.usamraa.army.mil/pages/baa\\_forms/index.cfm](http://www.usamraa.army.mil/pages/baa_forms/index.cfm)

## National Institute of Food and Agriculture

USDA-NIFA-AFRI-003410 (CFDA 10.310)

### **Childhood Obesity Prevention**

**Application Due Date:** May 18, 2011

The Childhood Obesity Prevention Challenge Area RFA focuses on the societal challenge to end child obesity. In the Childhood Obesity Prevention Challenge Area RFA, specific program areas are designed to achieve the long-term outcome of reducing the prevalence of overweight and obesity among children and adolescents. The long-term outcome for this program is to reduce the prevalence of overweight and obesity among children and adolescents ages 2 to 19 years. In order to achieve this outcome, this program will support multi-function Integrated Research, Education, and/or Extension Projects and Food and Agricultural Science Enhancement (FASE) Grants that address one of the Program Area Priorities.

<http://www.csrees.usda.gov/fo/africhildhoodobesityprevention.cfm>

## Funding Opportunities: Foundations

### **The Gerber Foundation**

The Gerber Foundation provides funding for national programs having a significant impact on issues facing infants and young children, from prebirth to age 3. Generally, competitive requests will be focused on particular projects in furtherance of the Foundation's mission and goals of supporting nutrition or health-related interventions to improve infant health and development.

Generally, 10-15 grants are awarded annually, with average funding \$100,000-\$150,000 per year for a maximum of three years.

#### **When to Apply:**

For the November grant round, concept papers are due June 1. If accepted, full proposals are due August 15.

For the May grant round, concept papers are due December 1. If accepted, full proposals are due February 15.

**How to Apply:** Submission of the Concept paper, which should provide a brief summary of the project.

The concept paper format should include a cover letter, contact page and 2-page concept paper. Applicants whose projects receive concept approval from the Foundation are invited to submit a proposal. For more information, visit the website at: <http://www.gerberfoundation.org/>

## Robert Wood Johnson Foundation

### Public Health Law Research: Making the Case for Laws That Improve Health

Public Health Law Research is a five-year, \$17.3 million RWJF national program. The goal of this program is to build the evidence for and increase the use of effective regulatory, legal and policy solutions—whether statutes, regulations, case law or other policies—to protect and improve population health and the public health system. Studies funded through this program will be at the intersection of law and public health. Studies may draw upon a range of other disciplines, including medicine, economics, engineering, sociology, psychology, and public policy and administration, but the primary focus of the study should be law or policy and its influence on public health.

Total Awards: Up to \$2.85 million is available in this round. There are two categories of funding.

Short-term studies: Up to 18-month awards of up to \$150,000 each

Complex and comprehensive studies: Up to 30-month awards of up to \$450,000 each.

### Deadlines to Apply:

March 16, 2011 Web conference for interested applicants (not mandatory, but registration is required)

April 20, 2011 Brief proposal due (applicants will be notified in early June if invited to submit full proposals)

July 26, 2011 Full proposal due

For additional information, please visit: [http://www.rwjf.org/files/applications/cfp/cfp\\_PHLR3\\_2011.pdf](http://www.rwjf.org/files/applications/cfp/cfp_PHLR3_2011.pdf)

### Words to Live by:

**Life is 10% what happens to us  
and 90% how we react to it —**

**Dennis P. Kimbro** (Dr. Kimbro, PhD, is a lecturer and researcher in the field of management, entrepreneurship and human potential, he encourages his readers to look within to extract the keys that underlie all accomplishment).



Daylight Saving Time Begins March 13, 2011. Don't forget to turn your clocks ahead.

Please submit your comments/suggestions to Traci Jackson, [jacksont@buffalo.edu](mailto:jacksont@buffalo.edu) or Pam Sturtz, [pjsturtz@buffalo.edu](mailto:pjsturtz@buffalo.edu), 106 Kimball Tower

