

# SPHHP Research Activities Newsletter

## In the News

### Congratulations to the Following Awardees:



**Alan Hutson**, Professor and Chair of Biostatistics, received a renewal award from Health Research Inc. for the project entitled *Vitamin D in Prostate Cancer: Tumor Vasculature Effects*. Dr. Hutson will provide statistical design and analysis support as well as participate in the writing of reports and manuscripts.



**Lynn Kozlowski**, Dean of SPHHP and Professor of Community Health and Health Behavior, received a 2-year subcontract from University of Pennsylvania for the project entitled *Pharmacogenetics of Nicotine Addiction Treatment*. Dr. Kozlowski will provide expertise related to the use of cigarettes and cigars including: assisting in experimental study design; advising on developing questionnaire instruments; providing recommendations in data analytic strategies; collaborating on presentations and manuscripts; and providing guidance as needed on conducting research on cigar use.



**James Leahy**, Project Administrative Officer, Center for Assistive Technology, received a 2-year subcontract from SEDL for the project entitled *Center on Knowledge Transition for Disability and Rehabilitation Research*. The Center seeks to increase the awareness and use of research-based supports to assist people with disabilities in reaching their employment goals.



**Heather Orom**, Assistant Professor of Community Health and Health Behavior, is a recipient of UB's 2012-2013 Civic Engagement Research Dissemination Fellowship for her project entitled "*Growing Healthy Together, Using a Neighborhood Health Assessment to Engage Community Members in Collective Action for Health*". The Fellowship will help fund the dissemination of findings from community health assessments that students in CHHB and Dr. Orom have collected over the past year in collaboration with their community partners, ECMC's Office of Community Health Education and Outreach and the Delavan-Grider Community Center. The project is part of a larger effort to engage neighborhood residents in strategies to improving health through changing social determinants of health (e.g., improved food access).



**Pavani Ram**, Associate Professor of Social and Preventive Medicine, received a renewal award from University of California, Berkeley for the project entitled *Measuring the Benefits of Sanitation, Water Quality and Handwashing Interventions for Improving Health and Development*. Dr. Ram will provide global support for handwashing measurement (questionnaire-based and structured observation) and will finalize measurement for Bangladesh and Kenya.

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## Awards, Con't



**David Tritchler**, Research Professor of Biostatistics, received a 5-year subcontract from Health Research Inc. for the project entitled *Flaxseed Effects on Hormones and Lignans: Role of Race, Genes, and Gut Microbiome*. Dr. Tritchler will provide statistical analyses of the associations between the composition of the gut bacterial communities and the baseline level of lignans and steroid hormones, as well as the effect of a 6 week intervention of 10g/day flaxseed and the effect of race on these responses.



**Traci Jackson**, SPHP Director of Research Administrative Services, received a Catherine Core Travel Award to attend the National Council of University Research Administrators (NCURA) 54<sup>th</sup> annual meeting that was held November 4-7 in Washington DC. The Council has both a national and international membership base and is dedicated to advancing the field of research administration through education and professional development programs.

## Grant Clinic

### IRB Electronic Submission Now Required through IRBNet

Effective October 2, 2012, all submissions of new and continuing applications for Human Subjects Research (exempt, expedited, and full review) must be submitted through IRBNet. Entering studies into IRBNet allows the investigator and the IRB easy access to the project documents and status. Two training sessions, which will provide the basics on how to Create a Project in IRBNet, will be held in Parker Hall on Friday, 12/14/12, 8:30-10:00am and Tuesday, 1/8/13, 3:30-5:00pm. Attendance is limited and offered on a first-come, first-served basis. Registration for either session is available at <http://www.research.buffalo.edu/rsp/training/?id=101812032955>.

For further information, including IRBNet registration information and instructional videos, please visit: <http://www.research.buffalo.edu/rsp/irbnet/>

### NIH Notices & Reminders

#### Notice of Intent to Publish a FOA for Bridging the Gap Between Cancer Mechanisms and Population Science

The NCI announces an intent to publish a FOA to invite applications for research projects which bridge biological mechanisms to population level scales. Specifically, this FOA is designed to support collaborative, interdisciplinary projects scanning these scales. These projects should explore the links between basic cancer biology, population science and may additionally explore potential health applications in the treatment, prevention, diagnosis, or screening of cancer. The FOA is expected to be published with special review arrangements (PAR) in Winter 2012 with a first expected application due date in Spring 2013. For additional information, please see NIH notice: <http://grants.nih.gov/grants/guide/notice-files/NOT-CA-13-001.html>

#### Upcoming Changes to Public Access Policy Reporting Requirements and Related NIH Efforts to Enhance Compliance

Since 2008, compliance with the NIH public access policy has been a statutory requirement and a term and condition of all grant awards and cooperative agreements. NIH informs grantees that in Spring 2013, at the earliest, NIH will delay processing of non-competing continuation grant awards if publications arising from that award are not in compliance with NIH public access policy. The award will not be processed until recipients have demonstrated compliance. NIH expects that the provision of this advance notice will provide institutions and PD/Pis with sufficient time to ensure that all of their NIH-supported papers are posted to PubMed Central as required, before annual progress reports are submitted to NIH. For additional information, please see NIH notice: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-12-160.html>



# NIH Funding Opportunities: Requests for Applications (RFA)

## December Due Dates

RFA-HS-13-002 (K99/R00)

### **AHRQ Patient Centered Outcomes Research (PCOR) Pathway to Independence Award**

The primary purpose of the AHRQ PCOR Pathway to Independence Award program is to increase and maintain a strong cohort of new and talented AHRQ-supported independent investigators trained in comparative effectiveness methods to conduct patient care outcomes research. The program is designed to facilitate a timely transition from a junior non-tenure track faculty or a postdoctoral research position (or their equivalents) to a stable independent research career. The program targets investigators early in their careers to support their development in new sophisticated methodological comparative effectiveness research skills, interdisciplinary perspectives, and capabilities in PCOR.

**Application Due Date:** December 17, 2012

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-13-002.html>

RFA-LM-12-002 (R24)

### **Basic Social and Behavioral Research on Culture, Health, and Wellbeing**

This FOA, issued on behalf of the NIH Basic Behavioral and Social Sciences Opportunity Network (OppNet), will provide grants for infrastructure support to develop, strengthen, and evaluate transdisciplinary approaches and methods for basic behavioral and/or social research on the relationships among cultural practices/beliefs, health, and wellbeing. This includes an appreciation for more comprehensive understandings of the relationships regarding cultural attitudes, beliefs, practices, and processes, on outcomes relevant to human health and wellbeing. Model animal research teams are welcome to apply.

**Application Due Date:** December 17, 2012

<http://grants.nih.gov/grants/guide/rfa-files/RFA-LM-12-002.html>

## January 2013 Due Dates

RFA-HL-13-013 (R01)

### **Cardiovascular Risk Reduction in Underserved Rural Communities**

The overall objective is to build the evidence base and accelerate the implementation and translation of evidence- or practice-based interventions into practice in rural communities. To accomplish this objective, NHLBI invites applications that will plan and execute well-designed controlled trials that maximize the opportunities available in rural communities to reduce cardiovascular disease risk factors. The long-term goal is to foster sustainable interventions and scientific research that will lead to reduced cardiovascular morbidity and mortality in high-risk rural populations.

**Application Due Date:** January 11, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-13-013.html>

RFA-ES-12-009

### **Environmental Influences on the Microbiome (R21)**

This funding opportunity announcement is intended to encourage research aimed at investigating how environmental exposures impact the composition and/or function of the microbiome. Applicants may propose to use wild-type or humanized gnotobiotic model organisms or existing human cohorts to investigate how exposure to environmental chemicals affects the microbiome in both the short and the long term. Early life exposures are of particular interest, as these occur during the initial colonization of the microbiota and may permanently affect its potential.

**Application Due Date:** January 16, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-12-009.html>

## February Due Dates

RFA-AG-13-009 (R03)

### **Secondary Analyses and Archiving of Social and Behavioral Datasets in Aging**

The NIA supports collection of data and biological samples including a broad array of measures that are relevant to: the dynamics of health and disability, cognition, psychosocial and sociodemographic factors, genetics and biomarkers, long-term care, caregiving, behavioral medicine, retirement, economic status and well-being over the lifecourse. The purpose of this FOA is to solicit applications for (1) secondary analysis of data on aging in the areas of psychology, behavioral genetics, economics, demography or (2) archiving and dissemination of data sets to enable secondary analyses in order to further advance research.

**Application Due Date:** February 14, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-13-009.html>

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RFA-DE-13-002 (R01); RFA-DE-13-003 (R21)

#### **Epigenomics of Virus-Associated Oral Diseases**

This FOA solicits novel, research project grant applications proposing to investigate the epigenetic basis of virus-associated oral diseases in order to guide the discovery and application of novel epigenomic-based clinical interventions. These studies are expected to: 1) discover and define the mechanisms of action of epigenomic modifications in viral and host epigenomes; and 2) demonstrate how modifications in the host and viral epigenomes cause pathophysiological changes in oral cells and tissues that result in oral diseases and may also cause diseases in other parts of the body.

**Application Due Date:** February 21, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-13-002.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-13-003.html>

### **June Due Dates**

#### **Research Answers to NCI's Provocative Questions – Group A**

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions (PQs) initiative. Some of these PQs stem from intriguing but older, neglected observations that have never been adequately explored. Other PQs are built on more recent findings that are perplexing or paradoxical, revealing important gaps in current knowledge. Finally, some PQs reflect problems that traditionally have been thought to be intractable but that now may be open to investigations using new strategies and recent technical advances. PQs in Group A challenge investigators to seek answers to specific unsolved problems generally related to investigation of changes in behavior and various exposure risks, mechanistic links between cancer risk factors and biological events associated with cancer development, and how we might identify and better understand prevention mechanisms.

**Application Due Dates:** June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-015.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-016.html>

RFA-CA-12-017 (R01) and RFA-CA-12-018 (R21)

#### **Research Answers to NCI's Provocative Questions – Group B**

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions initiative. Provocative Questions in this group challenge investigators to seek answers to specific unsolved problems generally related to mechanisms of tumor development or recurrence.

**Application Due Dates:** June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-017.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-018.html>

RFA-CA-12-019 (R01) and RFA-CA-12-020 (R21)

#### **Research Answers to NCI's Provocative Questions – Group C**

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions initiative. Provocative Questions in this group challenge investigators to seek answers to specific unsolved problems generally related to the development or refinement of methods to detect or diagnose tumors and highlight our still nascent knowledge of the stages of tumor development as they relate to determining which tumors are most likely to lead to more aggressive states.

**Application Due Dates:** June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-019.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-020.html>

RFA-CA-12-021 (R01) and RFA-CA-12-022 (R21)

#### **Research Answers to NCI's Provocative Questions – Group D**

The purpose of this FOA issued by the NCI is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI Provocative Questions initiative. Provocative Questions in this group challenge investigators to seek answers to specific unsolved problems generally related to the development and use of new therapeutic agents and how we can learn from both the successes and failures of clinical treatment.

**Application Due Dates:** June 20, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-021.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-12-022.html>

## Multiple Due Dates

RFA-DC-12-004 (R43/R44 (SBIR)

RFA-DC-12-005 (R41/R42 STTR)

### Improving Access to Hearing Health Care

This funding opportunity solicits grant applications from small business concerns that propose to improve hearing health care outcomes and reduce health disparities through the development and commercialization of improved devices for hearing health care (HHC). "Hearing health care" is defined as assessment and access to hearing aids and nonmedical treatment, including hearing screening and hearing assessment as well as acquiring an appropriate device and services for the individual's hearing loss and communication needs. Appropriate technologies must have the following basic characteristics: easily affordable, effective, culturally acceptable, and accessible to those who need them.

**Application Due Dates:** February 22, 2013; June 21, 2013; and October 22, 2013

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

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-12-005.html>

## NIH Funding Opportunities: Program Announcement Reviewed by an Institute (PAR)

PAR-12-298 (P30)

### Cancer Center Support Grants for NCI-Designated Cancer Centers

This FOA invites new, renewal, resubmission or revision applications for P30 Cancer Center Support Grants (CCSGs) for NCI-designated Cancer Centers. CCSGs support two types of cancer centers: 1) Comprehensive Cancer Centers, which demonstrate reasonable depth and breadth of research activities in each of three major areas: basic laboratory; clinical; and prevention, control and population-based research, and which have substantial transdisciplinary research that bridges these scientific areas; and 2) Cancer Centers, which are primarily focused on basic laboratory; clinical; and prevention, cancer control, and population-based research; or some combination of these components.

**Application Due Date(s):** Standard dates apply

<http://grants.nih.gov/grants/guide/pa-files/PAR-12-298.html>

PAR-13-009 (R21)

### Secondary Dataset Analysis in Heart, Lung, and Blood Diseases and Sleep Disorders

The purpose of this funding opportunity is to stimulate well-focused secondary analyses of existing human datasets to test innovative hypotheses concerning the epidemiology, pathophysiology, prevention or treatment of diseases/conditions relevant to the NHLBI mission. Analyzing existing datasets in novel ways provides a cost-effective method to address research questions and generate preliminary data for subsequent research proposals.

**Application Due Date(s):** February 20, 2013; February 20, 2014; February 20, 2015; February 19, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-009.html>

## NIH Funding Opportunities: Program Announcements (PA)

PA-13-003 (R01); PA-13-004 (R21)

### Epigenetic Inheritance and Transgenerational Effects of Alcohol

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-003.html>

PA-13-015 (R01); PA-13-016 (R21)

### Prescription Drug Abuse

Application Due Date(s): Standard dates apply

**Expiration Date:** January 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-015.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-016.html>

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## Program Announcements, Con't

### Expiring in 2013

PA-10-088 (R21)

#### **Exploratory Cancer Prevention Studies Involving Molecular Targets for Bioactive Food Components**

Application Due Date: Standard dates apply

**Expiration Date:** May 8, 2013

<http://grants.nih.gov/grants/guide/pa-files/PA-10-088.html>

PA-10-093 (R01); PA-10-102 (R21); PA-10-101 (R03)

#### **Alcohol Use Disorders: Treatment, Services Research, and Recovery**

Application Due Date: Standard dates apply

**Expiration Date:** May 8, 2013

<http://grants.nih.gov/grants/guide/pa-files/PA-10-100.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-10-102.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-10-101.html>

PA-10-127 (R01); PA-10-128 (R21)

#### **Home and Family Based Approaches for the Prevention or Management of Overweight or Obesity in Early Childhood**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2013

<http://grants.nih.gov/grants/guide/pa-files/PA-10-127.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-10-128.html>

PA-10-152 (R01)

#### **Diet Composition and Energy Balance**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2013

<http://grants.nih.gov/grants/guide/pa-files/PA-10-152.html>

PA-10-179 (R01)

#### **Aging Studies in the Pulmonary System**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2013

<http://grants.nih.gov/grants/guide/pa-files/PA-10-179.html>

## Funding Opportunities: Foundations

### American Federation for Aging Research (AFAR)

**Breakthroughs in Gerontology Award** supports pilot research programs that may be of relatively high risk but which offer significant promise of yielding transforming discoveries in the fundamental biology of aging. Projects that focus on genetic controls of aging and longevity, on delay of aging by pharmacological agents or dietary means, or which elucidate the mechanisms by which alterations in hormones, anti-oxidant defenses, or repair processes promote longevity are all within the intended scope of this competition. Awards will be granted for two years, \$100,000/year.

**Application Due Date:** December 17, 2012

<http://www.afar.org/research/funding/big/>

**The Julie Martin Mid-Career Award** in aging research program is designed for mid-career scientists who propose new directions of high importance to biological gerontology. Proposals are particularly encouraged if they have potential to lead to major new advances in the understanding of basic mechanisms of aging. Projects investigating age-related diseases also qualify, but only if approached from the point of view of how basic aging processes may lead to these outcomes. Applicant must be an associate professor, promoted after December 1, 2009. Awards will be granted for four years, \$125,000/year.

**Application Due Date:** December 17, 2012

<http://www.afar.org/research/funding/midcareer/>

**The New Investigator Awards in Alzheimer's Disease (AD)** supports research in areas in which more scientific investigation is needed to improve the prevention, diagnosis, and treatment of AD. Projects in basic and translational research related to AD that are clinically relevant will be considered. Areas of research could include learning and memory, nutrition, exercise, cardiovascular risk factors, as they relate to the brain and the aging process. Awards will be granted up to \$100,000 and may be used over the course of one or two years as justified by the proposed research.

**Application Due Date:** December 17, 2012

<http://www.afar.org/research/funding/new-investigator-awards/>

**Research Grants** provide funds for junior investigators whose research will serve as the basis for longer term research efforts. A broad range of biomedical and clinical topics are supported, including the causes of cellular senescence, the role of estrogen in the development of osteoporosis, the genetic factors associated with Alzheimer's Disease and the effects of nutrition and exercise on the aging process. Applicants who have already received major extramural funding (such as an R01 or NSF equivalent grant) are not eligible. Awards will be granted up to \$100,000 and may be used over the course of one or two years.

**Application Due Date:** December 17, 2012

<http://www.afar.org/research/funding/afar-research-grants/>

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## American Heart Association

**The Scientist Development Award** supports beginning scientists in their progress towards independence by funding research projects which are broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts. Applicants should hold the rank of assistant professor and have no more than four years since his/her first faculty appointment. Awards will be granted for three years, \$77,000/year.

**Application Due Date:** January 22, 2013

[http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Scientist-Development-Grant\\_UCM\\_443318\\_Article.jsp](http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Scientist-Development-Grant_UCM_443318_Article.jsp)

**The Grant-in-Aid** encourages proposals from all basic disciplines, as well as epidemiological, behavioral, community and clinical investigators, which focus on cardiovascular and stroke problems. Applicants may hold a faculty appointment of any rank. Awards will be granted for three years, \$66,000/year.

**Application Due Date:** January 22, 2013

[http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Grant-in-Aid\\_UCM\\_443304\\_Article.jsp](http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Grant-in-Aid_UCM_443304_Article.jsp)

## Funding Opportunities: Graduate Students and Postdoctoral Fellowships

### American Heart Association

**The Predoctoral Fellowship** assists students to initiate careers in cardiovascular and stroke research by providing research assistance and training. At time of award, the applicant must have completed initial coursework and be at the stage of their doctoral program where they can devote full-time effort to research or activities related to their development. Awards will be granted for one or two years for a maximum annual award of \$22,000.

**Application Due Date:** January 22, 2013

[http://my.americanheart.org/professional/Research/FundingOpportunities/ForScientists/Winter-2013---Predoctoral-Fellowship\\_UCM\\_443316\\_Article.jsp](http://my.americanheart.org/professional/Research/FundingOpportunities/ForScientists/Winter-2013---Predoctoral-Fellowship_UCM_443316_Article.jsp)

**The Postdoctoral Fellowship** assists trainees to develop careers in cardiovascular and stroke research while obtaining significant research results under the supervision of a sponsor or mentor. At time of award, applicant should have no more than five years postdoctoral research training or experience. Stipends will commensurate with years of postdoctoral research. Awards will be granted for two years, for a maximum annual award of \$39,000 - \$53,000.

**Application Due Date:** January 22, 2013

[http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Postdoctoral-Fellowship\\_UCM\\_443314\\_Article.jsp](http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Postdoctoral-Fellowship_UCM_443314_Article.jsp)

*“Don’t tell me the sky’s the limit  
when there are footprints on the  
moon.”*

*Paul Brandt (Canadian Country  
Music Artist)*



# Happy Holidays

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