

SPHHP Research Activities Newsletter

In the News

Congratulations to the Following Awardees:



Robert Burkard, Professor and Chair of Rehabilitation Science, is co-investigator on an award from Toshiba America Medical Systems, Inc. with principal investigator David Wack (Nuclear Medicine) for the project entitled *Localization of the Binaural Mechanisms Underlying Masking Level Differences using quiet fMRI -- sponsored*. The project will obtain MR scans using Toshiba's Pianissimo technology to investigate the differences in functional MRI activations and Diffusion Tensor Imaging. The quieter scans could improve auditory fMRI studies.



Jo Freudenheim, UB Distinguished Professor and Chair of Social and Preventive Medicine, received a renewal award from Health Research Inc. for the project entitled *DNA Methylation: A Mechanism for Aggressive Breast Cancer in African-American Women*. The study will examine samples of breast tissue from healthy women for determinations of genome wide methylation and for elucidation of difference in DNA methylation by race. Dr. Freudenheim will participate in the study design, data analyses and interpretation, and publications.



Michael LaMonte, Assistant Professor of Social and Preventive Medicine, received a renewal award from the National Institute of Dental & Craniofacial Research for the project entitled *Metabolic Syndrome and Periodontitis in Postmenopausal Women*. Dr. LaMonte will perform secondary analyses of data from the Women's Health Initiative to examine associations of metabolic syndrome, physical activity and body habitus with measures of prevalence and progression of periodontal disease in a cohort of postmenopausal women. **Jean Wactawski-Wende**, Professor and Associate Chair of Social and Preventive Medicine, is co-investigator on the grant.



John Violanti, Research Professor of Social and Preventive Medicine, received a renewal award from the Centers for Disease Control and Prevention for the project entitled *Stressors and Heart Rate Variability in Police Officers*. The project will use data from the BCOPS Study to (1) develop and validate heart rate variability as a biomarker of occupational stress exposure; (2) assess the associations between occupational stressors and cardiovascular disease; and (3) examine the biological mechanisms that may be involved in such associations.



Greg Wilding, Associate Professor of Biostatistics, received renewal awards from Health Research Inc. for the projects entitled *Photodynamic Therapy (PDT) and Tumor Immunity* and *PDT Mechanisms and Strategies for Optimization: Core C*. Dr. Wilding will provide statistical expertise for the projects, as well as review and participate in the writing of reports and manuscripts.



Juli Wylegala, Clinical Assistant Professor of Rehabilitation Science, received an award from University of Texas for the project entitled *Center for Rehabilitation Research Using Large Datasets*. Dr. Wylegala will work with investigators to develop knowledge and skills in using large datasets, specifically the Uniform Data System for Medical Rehabilitation and MedTel Outcomes databases.

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Grant Clinic

Reminder—External Reviews

Obtaining grant funding is difficult these days and an external review can help ensure your application is competitive. External reviews have helped SPHHP researchers to improve their application and to achieve funding. Testimonials soon will be added to the RAS website. As a reminder, the Dean's office provides an honorarium to external reviewers. If you would like request an external review, please complete the form ([External Review Form](#)) 4-5 weeks prior to the submission deadline.

RAS Evaluations

Your RAS evaluations are important! We appreciate your feedback and use the responses received to tailor our services to better suit your needs. The data also are compiled for reports that are included in CEPH accreditation materials. After your proposal has been submitted, you will receive an email from Dr. Collins with a link to the evaluation. Please take a moment to complete – responses are confidential and anonymous.

Digital Measures Updates

A reminder to frequently review your information in Digital Measures to ensure it is up to date and accurate. The RAS staff enters information on new grant submissions that are processed through the RAS office. Please update your information if your project is awarded, renewed or not funded.

NIH Notices & Reminders

Request for Information: FY 2013-2014 Strategic Plan for the Office of Disease Prevention (ODP)

The ODP has embarked on an extensive planning process to develop a strategic plan for FY 2013-2018. This RFI is intended to gather public input on priorities to be included in the plan and other suggestions on how to enhance the prevention research portfolio at the NIH. For further information, including the six draft strategic priorities, please see NIH Notice [NOT-OD-13-051](#).

Notice of Intent to Publish a FOA for Dose Response and Efficacy Studies on the Effects of Vitamin D Supplementation on Functional Outcomes in Elderly (U01)

The NIA intends to publish the FOA in May 2013 with an anticipated receipt date in August 2013. For further information, please see [NOT-AG-13-005](#).

Notice of NIDA's Participation in RFA-AA-13-003 (R01) and RFA-AA-13-004 (R21) Research on Comparative Effectiveness and Implementation of HIV/AIDS and Alcohol Interventions

Effective immediately, the National Institute on Drug Abuse will participate in the FOA entitled Research on Comparative Effectiveness and Implementation of HIV/AIDS and Alcohol Interventions for both the R01 and R21 mechanisms. For further information, please see [NOT-DA-13-021](#) and [NOT-DA-13-022](#).

Updates on Sections I, III, IV and VI for PAR-13-129 Occupational Safety and Health Research (R01)

This Notice is to inform applicants who plan to submit to PAR-13-129 Occupational Safety and Health Research (R01) that updates relating to this announcement have been issued. For a list of updates, please see [NOT-OH-13-009](#).

Office of Women's Health – Quick Health Data Online Training

The Office of Women's Health will be offering telephone training sessions for the Office's online information system – Quick Health Data Online. The system contains data on demographics, mortality, reproductive and maternal health, disease incidence, and access to care at the county level for all states and territories. Data is also included on prevention, violence, and mental health at the state level. Training sessions will be offered in May and June. The basic training will provide an overview of the system and the focus on mapping/second training will provide an emphasis on mapping features so that the data of interest can be used directly as tables, graphs/charts and maps.

Training Dates: Basic Training: May 20th (4-5pm); June 18th (2-3pm)
Focus on Mapping: May 22nd (2-3pm); June 20th (1-2pm)

For registration, call-in number and passcode, please visit [Registration](#)
<http://www.healthstatus2020.com/owh/index.html>

SUNY/RF Research Collaboration Fund

SUNY and the Research Foundation invite applications for Round Two of the SUNY/RF Research Collaboration Fund. The focus is on inter/cross-disciplinary, multi-investigator, multi-campus research projects and pilot studies needed to generate preliminary results and data necessary to provide a basis for, or add credibility to, more advanced, larger-scale proposals for future funding. The fund will award \$50,000/year for a maximum of two years.

Application Due Date: May 15, 2013

[SUNY/RF Research Collaboration Fund](#)

UB Faculty Internationalization Fund (FIF)

The Office of the Vice Provost for International Education has re-launched the FIF program to support international engagement by UB faculty. Faculty members are encouraged to submit applications for travel funding to support their participation in one of the following targeted internationalization activities: (1) developing and directing faculty-led study abroad program for UB students at a UB partner institution overseas; (2) developing a sustainable research collaboration with a counterpart(s) at a UB partner institution; or (3) developing a new UB course, or enhancing an existing UB course, with international content and perspectives in cooperation with an institutional partner. Awards are \$500, \$1,000 or \$2,000 and preference is given to projects that are demonstrably sustainable. Applications must be endorsed by the appropriate department chair and dean.

Application Due Date(s): May 1, October 1 and February 1

[http://wings.buffalo.edu/intled/Faculty Internationalization Fund_web.pdf](http://wings.buffalo.edu/intled/Faculty_Internationalization_Fund_web.pdf)

NIH Funding Opportunities: Requests for Applications (RFA)

May Due Dates

RFA-DA-13-012 (R01); RFA-DA-13-013 (R34)

Prevention and Health Promotion Interventions to Prevent Alcohol and Other Drug Abuse and Associated Physical and Psychological Health Problems in U.S. Military Personnel, Veterans and their Families

The purpose of this FOA is to accelerate research on health promotion and prevention interventions with foci on reducing the onset and progression of alcohol, tobacco, and other drug use and abuse (including illicit and prescription drugs) and associated mental and physical health problems and on the promotion of health-enhancing behaviors among active-duty or recently separated (e.g., Iraq and Afghanistan) military troops, Veterans, and their families.

Application Due Date: May 1, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-13-012.html>

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

June Due Dates

RFA-MH-14-030 (R01)

Advancing Eating Disorders Research through Dimensional Studies of Biology and Behavior

This FOA seeks research studies that use dimensional constructs to integrate biology (e.g., brain circuit or physiological pathway) and behavior in the service of advancing the understanding of biological mechanisms and developmental trajectories of eating disorders.

Application Due Date: June 11, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-030.html>

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RFA-CA-12-015 (R01) and RFA-CA-12-016 (R21)

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. 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 Date: 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 Date: 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 Date: 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 Date: 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>

July Due Dates

RFA-GM-14-002 (U01)

Genomes to Natural Products

This FOA solicits applications from multidisciplinary research teams with well-integrated genomics, synthetic biology, and bioinformatics expertise, to develop innovative, high-throughput, and broadly applicable genome-based methods for natural products discovery that overcome technical barriers and fill knowledge gaps for translation of genetic information into chemical information.

Application Due Date: July 17, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-14-002.html>

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August Due Dates

RFA-DA-14-003 (R01)

Advancing Exceptional Research on HIV/AIDS

This FOA seeks to attract exceptionally talented investigators to conduct innovative, potentially groundbreaking and/or unconventional investigations which, if successful, will have a major impact on HIV/AIDS and substance abuse.

Application Due Date: August 1, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-14-003.html>

RFA-MD-13-005 (R01)

Limited Competition: Revision Applications for Basic, Social and Behavioral Research on the Social, Cultural, Biological, and Psychological Mechanisms of Stigma

This FOA encourages revision applications to incorporate basic research on behavioral and social mechanisms underlying stigma. Projects may focus on stigma processes and mechanisms from the perspective of stigmatized individuals or groups and/or of individuals or groups holding stigmatizing beliefs. Projects may examine stigma in the context of specific health conditions; however, the focus of the work must be on the underlying mechanisms of stigma rather than on condition-specific manifestations of stigma.

Application Due Date: August 2, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-13-005.html>

December Due Dates

RFA-DA-14-002 (K18)

Basic Behavioral and Social Sciences: Cross-Training at the Intersection of Animal Models and Human Investigation

This FOA invites applications for short-term mentored career enhancement awards in basic behavioral and social sciences research (b-BSSR). Funding will support development of research capability in b-BSSR, with specific emphasis on cross-training and establishing collaborations between researchers with expertise in animal models of basic behavioral and social processes and those studying similar or related processes in human subjects.

Application Due Date: December 11, 2013

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-14-002.html>

Multiple Due Dates

RFA-EB-13-002 (SBIR; R43/R44)

Development and Translation of Medical Technologies to Reduce Health Disparities

This FOA encourages applications from small business concerns that propose to develop and translate medical technologies aimed at reducing disparities in healthcare access and health outcomes. Applications must involve a formal collaboration with a healthcare provider or other healthcare organization serving one or more health disparity populations.

Application Due Date(s): May 23, 2013; September 23, 2013

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

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

PAR-13-146 (R21)

NCI Exploratory/Developmental Research Grant Program

The NCI Developmental Grant funding opportunity supports the development of new research activities in all areas of cancer research. The R21 mechanism is intended to encourage exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of cancer research (biomedical, behavioral, or clinical).

Application Due Date(s): June 28, 2013; October 28, 2013; February 28, 2014; June 27, 2014; October 28, 2014; February 27, 2015; and June 29, 2015.

Expiration Date: September 5, 2015

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-146.html>

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PAR-13-182 (R36)

Drug Abuse Dissertation Research

NIDA announces the availability of NIH Dissertation Award grants (R36) to support drug abuse doctoral dissertation research in NIDA areas of priority. Areas of focus include research on basic and clinical neuroscience and behavior, developmental trajectories, epidemiology, prevention, treatment, services, and/or women and sex/gender differences.

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-182.html>

PAR-13-186 (K18)

NIDCD Research Career Enhancement Award for Established Investigators

The purpose of this FOA is to enable established, proven investigators (Associate Professor or Professor) to augment or redirect their research programs through the acquisition of new research skills to answer questions relevant to the hearing, balance, smell, taste, voice, speech and language sciences.

Application Due Date(s): Standard dates apply

Expiration Date: May 9, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-186.html>

NIH Funding Opportunities: Program Announcements (PA)

PA-13-153 (R01); PA-13-154 (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, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-153.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-154.html>

PA-13-155 (R01); PA-13-156 (R21)

Development and Characterization of Animal Models for Aging Research

Application Due Date(s): Standard dates apply

Expiration Date: September 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-155.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-156.html>

PA-13-180 (K08)

AHRQ Patient-Centered Outcomes Research (PCOR) Mentored Clinical Investigator Award

Application Due Date(s): Standard dates apply

Expiration Date: July 13, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-180.html>

PA-13-181 (K01)

AHRQ Patient-Centered Outcomes Research (PCOR) Mentored Research Scientist Development Award

Application Due Date(s): Standard dates apply

Expiration Date: July 13, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-181.html>

PA-13-183 (R01)

Addressing Health Disparities in NIDDK Diseases

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-183.html>

PA-13-191 (R01); PA-13-192 (R21)

Structural Interventions, Alcohol Use, and Risk of HIV/AIDS

Application Due Date(s): Standard dates apply

Expiration Date: May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-191.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-192.html>

PA-13-194 (R01); PA-13-193 (R21)

Mechanism of Alcohol and Nicotine Co-Addiction

Application Due Date(s): Standard dates apply

Expiration Date: September 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-194.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-193.html>



Funding Opportunities: Foundations

American Diabetes Association

The Diabetics Research Accelerator Awards invites applications on all topics relevant to prevention, treatment and cure of all types of diabetes (type 1, type 2, and gestational diabetes), diabetes-related disease states (obesity, pre-diabetes, and other insulin resistant states) and the complications of the disease. Awards will provide 5 years of research support up to \$325,000. Two categories of investigators will be eligible for Accelerator Awards:

Early Investigator Award - Applicants must have demonstrated independent productivity in diabetes research and may currently hold NIH funding (K or R awards, including an initial R01)

Established Investigator New to Diabetes Research - Established investigators with exceptional productivity in fields other than diabetes who would like to apply their expertise to innovative diabetes-related research topics. Applicants cannot have previously receive national grant support in diabetes research.

UB can submit only one application to either the Early Investigator or Established Investigator Award. The awardee must devote 75% of total time and effort to research during the award period.

If you are interested in applying, please send a letter of intent to Dr. Kenneth Tramposh @ ovpr.limitedsubmission@research.buffalo.edu confirming you meet the eligibility criteria and provide a description of the project (3 page limit) and an NIH-style biosketch by **May 3, 2013**.

[Diabetes Research Accelerator Award](#)

Ovarian Cancer Research Fund

Liz Tilberis Early Career Award is directed to junior faculty with a strong commitment to an investigative career in the field of ovarian cancer research. Candidates should be within the first five years of their first academic appointment. The selection committee will consider applications that are creative, original, and hold the most promise in the areas of early detection, prevention, treatment, and translational ovarian cancer research. Awards are \$150,000 per year for a maximum of three years.

Application Due Date(s): May 23, 2013, Letter of Intent
August 23, 2013, Invited Applications

[Application Information](#)

Program Project Development Grant will provide funds for ovarian cancer research projects that may involve several investigators within one institution or collaborations between groups in multiple institutions. The selection committee will consider applications that are creative, original, and hold the most promise in the areas of screening and early detection, etiology and prevention, molecular therapeutics, cancer biology and genetics. The primary review criteria will be the likelihood that the investigators can leverage this funding to compete successfully for an NCI or DOD funded program project grant, SPORE or similar award in the future. Awards are \$300,000 per year for a maximum of three years.

Application Due Date(s): May 23, 2013, Letter of Intent
August 23, 2013, Invited Applications

[Application Information](#)

*“Courage is what it takes to stand up
and speak; courage is also what it takes
to sit down and listen.”*

-- Winston Churchill (British Orator,
Author and Prime Minister during World
War II. 1874-1965)



Please submit your comments/suggestions to jacksont@buffalo.edu or pjsturtz@buffalo.edu, 106 Kimball Tower