

# SPHHP Research Activities Newsletter

## In the News

### Congratulations to the Following Awardees!



**Gary Giovino**, Chair and Professor of Community Health and Health Behavior, is PI on a renewal award from the Centers for Disease Control and Prevention Foundation for the project entitled *Memorandum of Understanding with the CDC Foundation for Work on the Global Adult Tobacco Survey*. Dr. Giovino will provide support to the CDC Foundation on the collection, analysis, and reporting of data from the Global Adult Tobacco Survey and the Global Youth Tobacco Survey.



**Dave Hostler**, Chair and Professor of Exercise and Nutrition Sciences, is PI on an award from the Federal Emergency Management Agency for the project entitled *Impact of Work: Rest and Fitness on Performance and CV Recovery*. The project will examine the interaction of work:rest ratio and fitness on 1) subsequent physical and mental performance; 2) functional hemostasis; and 3) overnight changes in ECG.



**Marc Kiviniemi and Heather Orom**, Assistant Professors of Community Health and Health Behavior, received a new award from Washington University for the project entitled *Don't Know Responses to Perceived Risk Items: Implications for Health Behavior*. The study will test whether individuals who responded I don't know when asked about their risk cancer are at risk for not engaging in behaviors that prevent and detect cancer.



**Andrew Ray**, Assistant Professor of Rehabilitation Science, is PI on a new award from the University of Pittsburgh for the project entitled *SPORE in Lung Cancer/Vitamin D<sub>3</sub> and Exercise to Reduce Inflammation -induced Diaphragm Dysfunction and Lung Cancer Risk*. The project will build upon a murine model that was developed in Project 2 of the SPORE by testing the joint effects of Vitamin D<sub>3</sub> nutrition and exercise on diaphragm strength and lung cancer risk. **Kirk Personius**, Clinical Associate Professor of Rehabilitation Science, is co-investigator.

## Grant Clinic

### UB Hosts NIH Webinar – Funding Opportunities for Social and Behavioral Sciences

The Office of Research Administration is offering a webinar entitled Funding Opportunities for Social and Behavioral Sciences at NIH. Patty Mabry, PhD, Acting Deputy Director of the Office of Behavioral and Social Sciences Research will present. In addition to Dr. Mabry, five NIH program officials will be available during the Q&A to address proposal ideas. The program officials are from NCI, NICHD, NIDA, NIAAAA, and NIDCR. Topics to be covered during the presentation include: 1) Systems Science Programs at NIH; 2) Discuss your Proposal Ideas with Program Officials; and 3) Collaborate with fellow UB researchers. The webinar is free, but registration is required.

**When:** Friday, March 7, 2014  
1:00-5:00pm

**Register at:** <http://www.buffalo.edu/ub2020/strengths/ora/NIHWebinar.html>  
(Registration closes Friday, February 28<sup>th</sup>)

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### **Research Foundation Oracle Business System Upgrade**

The Oracle Business System upgrade is scheduled to go live on Monday, May 5, 2014. **The upgrade will require the business system to shut down after close on business on April 25, 2014 and remain down until May 5<sup>th</sup>.**

Sponsored Projects, Human Resources and Procurement Services are preparing submission deadlines to ensure RF transactions are processed prior to the shutdown. It is anticipated that the submission deadlines and further details will be provided in the March edition of the UB Business Newsletter. The RAS newsletter will provide that information once it has been released.

### **NIH Notices & Reminders**

#### **Notice of Availability of Nicotine Research Cigarettes through NIDA's Drug Supply Program**

Limited quantities of nicotine research cigarettes are available to research investigators under NIDA's Drug Supply Program (DSP) under specified parameters such as nicotine and tar yields, and type. NIDA DSP requests that investigators who intend to submit requests send an email request – specific information to be included in the email can be found in the NIH notice, as well as a table listing the characteristics of the nicotine research cigarettes inventory. [NOT-DA-14-004](#).

#### **FAQ Page Available for PAR-13-009 “Secondary Dataset Analyses in Heart, Lung, and Blood Diseases and Sleep Disorders**

NIH has released an FAQ related to this R21 funding opportunity. To view the FAQs, please visit <http://www.nhlbi.nih.gov/funding/inits/faq-PAR-13-009.htm>.

#### **Modified AHRQ Application Submission and Referral for Appointed AHRQ Study Section and Special Emphasis Panel Members**

AHRQ is modifying the time requirements for submission and referral of research grant applications from members of chartered AHRQ study sections and active AHRQ Special Emphasis Panels. Beginning March 1, 2014, appointed and temporary members will be eligible to submit R01 and R18 applications in response to standard submission dates (but not special receipt dates) up to four weeks after the standard receipt deadlines. For further information, please see [NOT-HS-14-006](#).

## **NIH Funding Opportunities: Requests for Applications (RFA)**

### **March Due Dates**

RFA-RM-14-001 (R01)

#### **Computational Analyses Exploiting Reference Epigenomic Maps**

This FOA, part of the NIH Common Fund program in Epigenomics, seeks applications from investigators proposing computational analyses that will take advantage of the publicly available reference epigenomic maps generated as part of the Roadmap Epigenomics Program.

**Application Due Date:** March 3, 2014

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-001.html>

RFA-AI-14-001 (U01 – single project application)

RFA-AI-14-002 (U19 – multiple projects application)

#### **International Collaborations in Infectious Diseases**

The purpose of this FOA is to solicit applications from U.S. institutions and collaborating foreign (non-U.S.) institutions to study infectious diseases (excluding HIV/AIDS) of public health significance in resource-constrained countries. The collaboration must include, at a minimum, one U.S. institution and one eligible foreign institution. Eligible foreign countries are defined as low-income economies, lower-middle-income economies, and upper-middle-income economies, as defined by the World Bank.

**Application Due Date:** March 7, 2014

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-001.html>

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

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RFA-CA-14-008 (R01)

RFA-CA-14-009 (R21)

**Using Social Media to Understand and Address Substance Use and Addiction**

The goal of this FOA is to inspire and support research projects investigating the role of social media in risk behaviors associated with the use and abuse of alcohol, tobacco, and other drugs ("ATOD") and projects using social media to ameliorate such behaviors. Each research project proposed in response to this FOA must be focused on one of the two distinct areas: 1) observational research using social media interactions as surveillance tools to aid in the understanding of the epidemiology, risk factors, attitudes, and behaviors associated with ATOD use and addiction, or 2) intervention research measuring the reach, engagement, and behavioral and health impact of social media-based interventions for the screening, prevention, and treatment, of ATOD use and addiction.

**Application Due Date:** March 25, 2014

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-14-008.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-14-009.html>

**April Due Dates**

RFA-HG-14-007 (K01)

**Mentored Career Development Award in Biomedical Big Data Science for Clinicians and Doctorally Prepared Scientists**

In response to the opportunities and challenges presented by the dawning era of 'Big Data' in biomedical research, the NIH has developed the Big Data to Knowledge (BD2K) initiative. The aim of this FOA is to support additional mentored training of scientists who will gain the knowledge and skills necessary to be independent researchers as well as to work in a team environment to develop new Big Data technologies, methods, and tools applicable to basic and clinical research.

**Application Due Dates:** April 1, 2014; April 1, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-007.html>

RFA-HG-14-008 (R25)

**Courses for Skills Development in Biomedical Big Data Science**

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The goal of this BD2K Program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs in Big Data Science. To this end, this FOA encourages the development of creative educational activities with a primary focus on Courses for Skills Development.

**Application Due Dates:** April 1, 2014; April 1, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-008.html>

RFA-HG-14-009 (R25)

**Open Educational Resources for Biomedical Big Data**

This FOA encourages the development of creative educational activities with a primary focus on Curriculum or Methods Development. In particular, this BD2K FOA encourages R25 applications proposing the development of open educational resources for use by large numbers of learners at all career levels that enhance the ability of the workforce to use and analyze biomedical Big Data.

**Application Due Dates:** April 1, 2014; April 1, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-009.html>

**June Due Dates**

RFA-OD-14-001 (P50)

**Botanical Dietary Supplement Research Centers (BDSRC)**

This FOA invites applications to support research centers to develop and apply cutting-edge, transdisciplinary approaches to the study of botanicals with relevance to human health, that are found as ingredients in dietary supplements. The focus is on the mechanisms of action of botanicals traditionally used for health maintenance, or on botanicals with strong evidence of promise for improving objective, quantitative measures of organism resilience.

**Only one application per institution is allowed. If interested in applying, please contact Ken Tramosch,**

[ovpr.limitedsubmission@research.buffalo.edu](mailto:ovpr.limitedsubmission@research.buffalo.edu)

**Application Due Date:** June 6, 2014

<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-14-001.html>

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### **Research Answers to NCI's Provocative Questions (PQs)**

The purpose of these funding opportunities is to support innovative research projects designed to solve specific problems and paradoxes in cancer research.

**Application Due Date(s):** June 20, 2014

RFA-CA-13-016 (R01); RFA-CA-13-017 (R21)

#### **Group A – Cancer prevention and risk**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-016.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-017.html>

RFA-CA-13-018 (R01); RFA-13-019 (R21)

#### **Group B – Mechanisms of tumor development or recurrence**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-018.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-019.html>

RFA-CA-13-020 (R01); RFA-CA-13-021 (R21)

#### **Group C – Cancer detection, diagnosis, and prognosis**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-020.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-021.html>

RFA-CA-13-022 (R01); RFA-CA-13-023 (R21)

#### **Group D – Cancer therapy and use of new therapeutic agents**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-022.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-023.html>

RFA-CA-13-024 (R01) and RFA-CA-13-025 (R21)

#### **Group E – Effectiveness and optimization of cancer treatments or interventions**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-024.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-13-025.html>

RFA-AT-14-006 (U41)

#### **Center for Advancing Natural Products Innovation and Technology**

This FOA is soliciting applications to establish a national Center for Advancing Natural Product Innovation and Technology (CANPIT). The goal of this initiative is to improve upon and strengthen technologies and methods used in natural products research.

**Application Due Date:** June 27, 2014

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AT-14-006.html>

### **July Due Dates**

RFA-DA-15-005 (R01)

#### **Advancing Exceptional Research on HIV/AIDS and Substance Abuse**

This FOA supports research projects that have the potential to open new areas of HIV/AIDS research and/or lead to new avenues for prevention and treatment of HIV/AIDS among substance abusers. The nexus with substance abuse should be clearly described.

**Application Due Date:** July 31, 2014

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-005.html>

### **Multiple Due Dates**

RFA-OD-13-011 (R01); RFA-OD-13-010 (R21); RFA-OD-13-012 (R03)

#### **Tobacco Control Regulatory Research**

The purpose of this FOA is to encourage biomedical, behavioral, and social science research that will inform the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing. Research projects must address the research priorities related to the regulatory authority of the Food and Drug Administration Center for Tobacco Products as mandated by the Family Smoking Prevention and Tobacco Control Act (FSPTCA), Public Law 111-31 ([Guidance Compliance Regulatory Information](#)).

**Application Due Date(s):** June 17, 2014; January 16, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-13-011.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-13-010.html>

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

RFA-DC-14-001 (R21/R33)

#### **NIDCD Research On Hearing Health Care**

This FOA invites applications to support research and/or infrastructure needs leading to more accessible and affordable hearing health care (HHC). The proposed research aims should lead to the delivery of better healthcare access and

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outcomes and be directed to solutions that are effective, affordable and deliverable to those who need them.

**Application Due Date(s):** June 24, 2014; February 25, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-14-001.html>

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

PAR-14-081 (R24)

### **Network and Infrastructure Support for Development of Interdisciplinary Aging Research**

The purpose of this FOA is to provide network and infrastructure support to foster development of interdisciplinary research approaches on aging research related to caloric restriction (CR) in humans. This FOA supports research networks that will advance collaboration through activities such as meetings, conferences, data exchange, small scale pilots, short term training opportunities, visiting scholar programs and dissemination activities to encourage growth and development in the science related to CR in humans.

**Application Due Date:** May 28, 2014

<http://grants.nih.gov/grants/guide/pa-files/PA-14-081.html>

PAR-14-089 (R01)

### **Alzheimer's Disease Pilot Clinical Trials**

The objective of the Alzheimer's Disease Pilot Clinical Trials initiative is to enable the clinical testing of promising pharmacological and non-pharmacological interventions in individuals across the Alzheimer's disease spectrum, as well as to stimulate studies to enhance trial design and methods.

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-089.html>

PAR-14-092 (R01)

### **Bioengineering Research Partnerships (BRP)**

This FOA encourages multidisciplinary applications that will accelerate the development and adoption of promising tools and technologies that can address important biomedical research problems. The goal of the program is to support projects that can realize meaningful solutions within 5-10 years.

**Application Due Date(s):** September 7, 2014; January 7, 2015; September 7, 2015; January 7, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-14-092.html>

## NIH Funding Opportunities: Program Announcements (PA)

PA-14-071 (R43/R44)

### **Small Business Innovation Research Grant Applications** (Parent SBIR)

Application Due Date(s): Standard dates apply

**Expiration Date:** January 8, 2015

<http://grants.nih.gov/grants/guide/pa-files/PA-14-071.html>

PA-14-072 (R41/R42)

### **Small Business Technology Transfer Grant Applications** (Parent STTR)

Application Due Date(s): Standard dates apply

**Expiration Date:** January 8, 2015

<http://grants.nih.gov/grants/guide/pa-files/PA-14-072.html>

PA-14-077 (Parent Supplement)

### **Administrative Supplements to Existing NIH Grants and Cooperative Agreements**

Application Due Date(s): May vary – see the awarding IC's website for due dates ([Admin Supplements](#))

**Expiration Date:** January 31, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-077.html>

PA-14-084 (R01); PA-14-083 (R21)

### **Neuroimmune Signaling and Function in Substance Use Disorders**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-084.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-14-083.html>

PA-14-091 (R01); PA-14-090 (R21)

### **NIDCD Research on Hearing Health Care**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-091.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-14-090.html>

## Funding Opportunities: University at Buffalo

**UB's Translational Pilot Studies Fund** provides seed funding for faculty to perform initial pilot studies to enhance the development of innovative, multidisciplinary clinical and translational research at UB and within the Buffalo Translational Consortium. Proposed projects must represent new research and projects that involve age-related diseases are particularly encouraged. Up to \$50,000 may be requested for one-year projects. However, typical awards will range from \$25,000-\$35,000. \$200,000 will be available to fund 6-8 awards. Applications must be submitted in a single PDF via email to Dr. Kenneth Tramosch at [ovpr.research@research.buffalo.edu](mailto:ovpr.research@research.buffalo.edu).

**Application Due Date:** April 3, 2014, 5:00pm

[http://www.research.buffalo.edu/funding\\_programs/translational.cfm](http://www.research.buffalo.edu/funding_programs/translational.cfm)

## Funding Opportunities: Foundations

### Gordon and Betty Moore Foundation

**The Data-Driven Discovery Initiative** supports individuals who exemplify multi-disciplinary, data-driven science, coalescing natural sciences with methods from statistics and computer science. Successful applicants must make a strong case for developments in the natural sciences (biology, physics, astronomy, etc.) or science enabling methodologies (statistics, machine learning, scalable algorithms, etc.), and applicants that credibly combine the two are especially encouraged. Note that the Science Program does not fund disease targeted research. It is anticipated that the DDD initiative will make about 15 awards at \$1,500,000 each, at \$200K-\$300K/year for five years.

**Application Due Dates:** February 24, 2014, Pre-Application  
Anticipated for Mid-May, Invited Full Application

<http://www.moore.org/programs/science/data-driven-discovery/ddd-investigators>

### American Cancer Society

#### The Role of Healthcare and Insurance in Improving Outcomes in Cancer Prevention, Early Detection and Treatment

The ACS has issued a Request for Proposals and encourages studies investigating how one or more factors impacting access and outcomes interact – such as insurance status, costs, capacity, personal characteristics, provider characteristics, components of the healthcare delivery system and other known factors. Studies may be at the state, multi-state, or national levels, or otherwise involve large populations and may be intervention-focused or observational and can use mixed methods. Awards may not exceed \$200,000/year (direct costs) for a maximum of four years.

**Application Due Date:** April 1, 2014

<http://www.cancer.org/research/applyforaresearchgrant/granttypes/rfa-role-healthcare-insurance-cancer>

*"It is not the answer that enlightens, but the question"*

Eugene Ionesco (1909-1994) French-Romanian playwright and dramatist



Please submit your comments/suggestions to [jackson@buffalo.edu](mailto:jackson@buffalo.edu) or [pjsturtz@buffalo.edu](mailto:pjsturtz@buffalo.edu).