

# SPHHP Research Activities Newsletter

## In the News

### Congratulations to the Following Awardees:



**Randy Carter**, Professor and Associate Chair of Biostatistics, received a renewal award from the NYS Department of Health for the project entitled *Early Childhood Outcomes (ECO) Data System Development*. Dr. Carter will perform statistical analyses of the data collected from the ECO Child Outcomes Summary forms and assist with analyses on the GSEG field study data.



**Greg Homish**, Assistant Professor of Community Health and Health Behavior, received a 2-year award from the Veterans Administration Western New York Healthcare Systems for the project entitled *Inter-Personnel Agreement with the VA*. Dr. Homish will assist in the design of the trial to ensure appropriate therapy is assigned to participants, be responsible for the data management and statistical analyses for the project, as well as the writing of the statistical section of the manuscript.



**Jennifer Temple**, Assistant Professor of Exercise and Nutrition Sciences, received a renewal award from the National Institute on Drug Abuse for the project entitled *Gender Differences in Responses to Caffeine in Children and Adolescents*. The study will investigate the effects of caffeine in children and adolescents as well as identify mechanisms that influence gender differences in response to caffeine.



**Lili Tian**, Associate Professor of Biostatistics, received a 5-year award from Health Research Inc. for the project entitled *Gender Disparity in Bladder Cancer and Chemo-preventive Intervention*. Dr. Tian will provide statistical analyses, including comparing two proportions, as well as participate in the writing of reports and manuscripts.



**David Tritchler**, Research Professor of Biostatistics, received a renewal award from Health Research Inc. for the project entitled *Genetic Susceptibility to Unrelated Donor Stem Cell Transplant-related Mortality*. Dr. Tritchler will be responsible for directing genotyping quality control and the technical aspects of the study including overseeing the high-throughput genotyping in the Genomics Laboratory, as well as assessment of population substructure and analysis of genetic dataset.



**Albert Vexler**, Associate Professor of Biostatistics, is co-investigator on a 5-year award from the National Institute of Diabetes and Digestive and Kidney Diseases with principal investigator Paresh Dandona (Medicine) for the project entitled *Liraglutide as additional treatment in patients with Type 1 Diabetes Mellitus*. The placebo controlled study will compare the beneficial effect of liraglutide in type 1 diabetics on treatment with insulin.



**Greg Wilding**, Associate Professor of Biostatistics, received a renewal award from Health Research Inc. for the project entitled *Targeting the Proteasome to Overcome Therapy Resistance in B-NHL*. Dr. Wilding will provide statistical expertise for the projects, as well as review and participate in the writing of reports and manuscripts



**Jihnhee Yu**, Associate Professor of Biostatistics, is co-investigator on a renewal award from the American Diabetes Association with principal investigator Paresh Dandona (Medicine) for the project entitled *Anti-diabetic effects of liraglutide in adolescents and young adults with Type 1 diabetes*. Dr. Yu will perform statistical analysis of data to compare the beneficial effect of the addition of liraglutide treatment to insulin.

### Inside this issue:

In the News	1
Grant Clinic	2-3
NIH Funding:	
RFA	3-5
PAR	5-6
PA	6
National Science Foundation	7
Bill & Melinda Gates Foundation	7
Words to Live By	7

# Grant Clinic

## IRB Online Workshops

### Reminder—IRBNet System Workshop Tomorrow (March 14th)

The SPHHP Faculty Council is sponsoring a workshop on the IRBNet System entitled *Getting to Know the New Online IRBNet System*. Dorothy Wright, QA/QI Administrator, Human Research Subjects Protection, will present. The workshop will be held in 144 Farber from 9-10am. If you are interested in attending, please sign-up at :

<https://docs.google.com/spreadsheets/viewform?formkey=dGwxTEZmNmZTS1UzZVFsdC1EQU9fSIE6MA#gid=0>

### IRB Online Submission Workshop—March 28th

If you are unable to attend the workshop sponsored by Faculty Council, the IRB is hosting a workshop entitled *IRB Insights: The New Web-Based Submittal Institutional Review Board System* on March 28, 2013, 1:00-2:30pm, 9 Norton Hall. Dr. Chris Marks, UB IRB Administrator, Social and Behavioral Institutional Review Board, will give an overview of some of the features of the new system, outlining new items and where to access help, and give examples of problem areas to be avoided. RSVP requested to Laura Mangan at [lmangan@buffalo.edu](mailto:lmangan@buffalo.edu) or call 645-5376.

## All About Cover Letters for NIH Applications

While optional, it is always best to include a cover letter with your grant application. The cover letter allows you the opportunity to:

- Request assignment to a specific institute or center (IC) and/or study review group (SRG) for consideration
- Address potential conflicts with a reviewer
- Address a late application submission

The cover letter should be brief. If additional information is required, it will be asked for. Requests for IC and SRG reviews should be placed on separate lines with the name of the IC or SRG, followed by a dash and the acronym. An example of the NIH preferred cover letter format:

Please assign this application to the following Institutes/Centers:

National Cancer Institute – NCI  
National Institute for Dental and Cranial Research – NIDCR

Scientific Review Groups:

Molecular Oncogenesis Study Section - MONC  
Cancer Etiology Study Section - CE

Please do not assign this application to the following:

Scientific Review Groups:  
Cancer Genetics Study Section – CG

The reasons for this request are [provide a brief narrative explanation for the request(s)]

## NIH Notices & Reminders

### National Science Foundation – National Institutes of Health NSF-NIH Interagency Initiative: Smart and Connected Health

NIH and NSF have identified Smart and Connected Health as a program focus with its purpose to develop next generation health and healthcare research through high-risk, high-reward advances in the understanding of information science, technology, behavior, cognition, sensors, robotics, bioimaging and engineering. Application submission is through NSF - additional information on the funding opportunity is listed under the NSF subsection of this newsletter. For further information, please see NIH Notice: [NOT-OD-13-041](#)

(Continued from page 2)

### **Changes to Public Access Policy Compliance Efforts**

For non-competing continuation grant awards with a start date of July 1, 2013 or beyond, NIH will delay the processing of an award if publications arising from it are not in compliance with the [NIH public access policy](#). Investigators will need to use [MY NCBI](#) to enter papers onto progress reports. The NIH Office of Extramural Research (OER) has published two new podcasts to help grantees understand the NIH Public Access Policy and to introduce investigators and institutions to new tools NIH has made available for ensuring compliance with the policy. The first podcast, [Understanding the NIH Public Access Policy](#), gives an overview of the policy and describes NIH's efforts to enhance policy compliance. The second podcast in the series, [Using MyNCBI to Manage NIH Public Access Policy Compliance](#), discusses how MyNCBI can be used by authors to collect citations from PubMed and determine which publications fall under NIH's public access policy. For further information, please see NIH Notice: [NOT-OD-13-042](#)

### **2013 NIH Regional Seminar on Program Funding and Grants Administration**

Registration is open ([Registration](#)) for NIH's 2013 Regional Seminar to be held in Baltimore, MD on June 26-28. The seminar will provide an opportunity for participants to gain a better perspective of NIH policies and programs, network with peers, gather helpful NIH contacts, and resources and tools to assist in obtaining and managing NIH awards. Information will be presented on the NIH grants process, including such topics as peer review, grant writing for success, pre-award and post-award issues, and compliance. For further information, please see NIH Notice: [NOT-OD-13-046](#)

### **Implementation of the Updated AVMA Guidelines for the Euthanasia of Animals: 2013 Edition**

The AVMA has issued and posted an update to the 2007 Guidelines on Euthanasia available at <https://www.avma.org/KB/Policies/Documents/euthanasia.pdf>. Institutions are encouraged to begin using the 2013 Guidelines as soon as possible with full implementation expected after September 1, 2013. Previous approved projects undergoing continuing review which requires a complete de novo review at least once every 3 years must be reviewed using the 2013 Guidelines after September 1, 2013. Public comments on any of the recommendations in the Guidelines will be accepted electronically ([Public Comments](#)) until May 31, 2013. For further information, please see NIH Notice: [NOT-OD-13-048](#)

## **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>

(Continued on page 4)

(Continued from page 3)

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>

(Continued on page 5)

(Continued from page 4)

### 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. Appropriate medical technologies should be effective, affordable, culturally acceptable, and deliverable to those who need them. 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-13-128 (Collaborative R01)

#### **Investigator Initiated Multi-Site Clinical Trials**

The support of multi-site clinical trials is one strategy NHLBI uses to improve the understanding of the clinical mechanisms of disease and to improve prevention, diagnosis, and treatment. The purpose of this FOA is to provide a vehicle for submitting grant applications for investigator-initiated multi-site randomized controlled clinical trials. The trials may address any research question related to the mission and goals of the NHLBI and may test clinical or behavioral interventions.

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-128.html>

PAR-13-129 (R01)

#### **Occupational Safety and Health Research**

The purpose of this grant program is to develop an understanding of the risks and conditions associated with occupational diseases and injuries, to explore methods for reducing risks and for preventing or minimizing exposure to hazardous conditions in the workplace, and to translate significant scientific findings into prevention practices and products that will effectively reduce work-related illnesses and injuries.

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-129.html>

PAR-13-130 (R01); PAR-13-132 (R21); PAR-13-131 (R03)

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

The goal of this program announcement is to encourage methodological, intervention and dissemination research for understanding and promoting health literacy. 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 (Ratzan and Parker, 2000).

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-130.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-132.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-131.html>

(Continued on page 6)

(Continued from page 5)

PAR-13-133 (U01)

**Program for Extramural/Intramural Alcohol Research Collaborations**

The purpose of this FOA is to encourage collaboration between alcohol researchers in the extramural community and those within the NIAAA intramural research program. The goal of the research proposed by the collaborating investigators should address questions that advance the alcohol research field with respect to issues surrounding alcohol use disorders including dependence and the effects of alcohol on health. The NIH Intramural Scientist will be a tenured or tenure-track scientist from the NIAAA Intramural division, with whom the PD/PI has made prior contact for the collaborative project.

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-133.html>

PAR-13-136 (R21)

**Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences**

This FOA is intended to support environmental health research in which an unpredictable opportunity has arisen to collect human biosample or exposure data (e.g., following natural or made-made disasters, health care policy changes, etc). The three distinguishing features of an eligible study are: 1) the unforeseeable nature of the opportunity; 2) the clear scientific value and feasibility of the study; and 3) the need for rapid review and funding (substantially shorter than the typical NIH grant review/award cycle) in order for the scientific question to be approached and for the research design to be implemented.

Application Due Date(s): Multiple, see FOA for specific dates

**Expiration Date:** April 2, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-136.html>

## NIH Funding Opportunities: Program Announcements (PA)

PA-13-138 (Admin Supplement)

**Research on Marijuana Legalization in the US**

**Application Due Date:** May 31, 2013

<http://grants.nih.gov/grants/guide/pa-files/PA-13-138.html>

PA-13-118 (R01); PA-13-119 (R21); PA-13-117 (R03)

**Mechanisms, Models, Measurement & Management in Pain Research**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-118.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-119.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-117.html>

PA-13-121 (R01); PA-13-122 (R21); PA-13-120 (R03)

**Research on Alcohol and HIV/AIDS**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-121.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-122.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-120.html>

PA-13-125 (R01); PA-13-124 (R21); PA-13-123 (R03)

**Regional and International Differences in Health and Longevity at Older Ages**

Application Due Date(s): Standard dates apply

**Expiration Date:** September 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-13-125.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-124.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-13-123.html>



# National Science Foundation

## Smart and Connected Health (NSF-13-543)

The Smart and Connected Health (SCH) Program is supported by multiple federal agencies, including NSF and NIH. The purpose of the program is to accelerate the development and use of innovative approaches that would support the much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on well-being rather than disease. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged. The solicitation is aligned with the visions (e.g., PCAST, NRC, IOM) calling for major changes in health and wellbeing as well as healthcare delivery and is aimed at the fundamental research to enable the change. Two classes of proposals will be considered:

**Exploratory Projects (EXP):** One or more investigators may propose projects to be funded up to \$170,000 direct costs per year for up to three years.

**Integrative Projects (INT):** Multi-disciplinary teams of investigators may propose projects to be funded up to \$370,000 direct costs per year for up to four years.

**Application Due Date(s):** EXP Proposals: May 28, 2013; October 10, 2013; October 10, annually thereafter  
INT Proposals: June 3, 2013; December 10, 2013; December 10, annually thereafter

<http://nsf.gov/pubs/2013/nsf13543/nsf13543.htm>

## Funding Opportunities: Foundations

### Bill & Melinda Gates Foundation

**Grand Challenges Exploration Round 11** is now accepting grant proposals for its latest application round on the following topics:

- The “One Health” Concept: Bringing Together Human and Animal Health for New Solutions
- Increasing Interoperability of Social Good Data
- Develop the Next Generation of Condom
- New Approaches for Detection, Treatment, and Control of Selected Neglected Tropical Diseases
- Labor Saving Strategies and Innovations for Women Smallholder Farmers

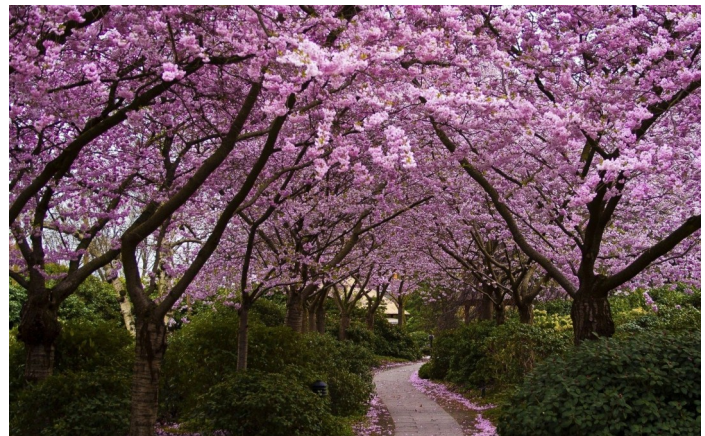
Initial grants will be awarded \$100,000 for Phase I (18 months) and projects have one opportunity to apply for a follow-on Phase II grant of up to \$1 million.

**Application Due Date:** May 7, 2013

<http://www.grandchallenges.org/Explorations/Pages/ApplicationInstructions.aspx>

*“Act as if what you do makes a difference. It does.”*

*William James [American Philosopher and Psychologist, leader of the philosophical movement of Pragmatism, (1842-1910)]*



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