

## SPHHP Research Activities Newsletter

## In the News

## Congratulations to the Following Awardees:



**Randolph Carter**, Professor and Associate Chair of Biostatistics, is PI on a continuation award from Health Research Inc. for the project entitled *NRG Oncology NCORP Research Base – SDMC*. Dr. Carter will work with principal investigators to develop research protocols, analyze data, and serve as mentor/advisor students in the context of his NCORP work.



**Gary Giovino**, Professor and Chair of Community Health and Health Behavior, is PI on a new award from the World Health Organization for the project entitled *Updating the 1998 WHO Guidelines on Monitoring the Tobacco Use Epidemic*. Dr. Giovino will prepare a discussion paper for the WHO Tobacco-Free Initiative in which he will assess the degree of global implementation of the guidelines to date; the global monitoring requirements for each article of the WHO Framework Convention on Tobacco Control; and evaluate the available instruments and publications that assess the use of e-cigarettes.



**Christine Oddo**, Research Assistant Professor, Center for Assistive Technology, is PI on a continuation award from the NYS Commission on Quality Care and Advocacy for Persons with Disabilities (TRAID) Program. The program supports the development of state-wide consumer-responsive technical assistance programs for persons with disabilities.



**Andrew Ray**, Assistant Professor of Rehabilitation Science, is PI on a continuation award from the University of Pittsburgh for the project entitled *SPORE in Lung Cancer*. 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.



**Xuefeng Ren**, Assistant Professor of Epidemiology and Environmental Health, is PI on a new award from the National Cancer Institute for the project entitled *FRY in Inhibiting EMT and Its Anti-Invasion/Metastasis Effects in Breast Cancer*. The study will examine the molecular mechanisms of the FRY gene in inhibiting breast cancer progression and invasions/metastasis and explore the diagnostic and therapeutic effects of FRY in breast cancer. **Bing Su**, Research Assistant Professor of Epidemiology and Environmental Health, is a co-investigator.



**Greg Wilding**, Associate Professor of Biostatistics, is PI on a continuation award from Health Research Inc. for the project entitled *Prostate Cancer: Transition to Androgen Independence – Core B (Immunoanalysis & Specimen Management)*. Dr. Wilding will serve as the biostatistician, perform statistical analysis, and review and participate in the writing of reports and manuscripts.

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# Grant Clinic

## **REMINDER – New Biosketch Format Required for Applications Due on/after May 25th**

A sample of the new biosketch form can be found at <http://grants.nih.gov/grants/funding/424/index.htm#biosketch>. SciENCv can assist in creating biosketches for multiple federal agencies. The SciENCv [home page](#) offers resources to help get you started, including [support documentation](#).

## **Notice of NIH's Interest in Diversity**

NIH has updated its diversity statement, effective upon release of this Notice. Existing FOAs with diversity statement language will continue to use existing language for the duration of the FOA. For further information, including the updated diversity statement, please see [NOT-OD-15-053](#).

## **Clarification of Funds Available and Anticipated Number of Awards for RFA-AI-14-071 “Innovative Measures of Oral Medication Adherence for HIV Treatment and Prevention (R01)”**

The NIAID intends to commit an estimated total of \$7 million in FY2016 to fund 6-8 awards. All other aspects of the FOA remain unchanged. For further information, please see [NOT-AI-15-018](#).

## **The National Cancer Institute Policy Ensuring Public Availability of Results from NCI-supported Clinical Trials**

The NCI announces its new policy aimed at ensuring public availability of results from NCI-supported clinical trials. This policy applies to all NCI funded research grants, cooperative agreements and/or contracts that support covered interventional clinical trials. The full text of the NCI Clinical Trial Access Policy is located at [NOT-CA-15-011](#).

## **AHRQ Announces Interest in Research on Health IT Safety**

This Special Emphasis Notice informs the research community that in the fiscal year 2015, the Health IT Portfolio at the AHRQ intends to support research regarding the safety of health IT systems, broadly defined as the use of information and communication technology in health care to support the delivery of patient or population care or to support patient self-management. For further information, please see [NOT-HS-15-005](#).

## **Registration Open for the 2015 NIH Regional Seminar**

The 2015 NIH Regional Seminar on Program Funding and Grants Administration will take place in Baltimore, Maryland May 6-8. The seminars offer an opportunity to gain a better perspective of NIH/HHS policies and programs, network with peers, and obtain useful resources and tools related to obtaining and managing NIH awards. [Register here](#). For further information, please see [NOT-OD-15-063](#).

## **Request for Information: Sustaining the Biomedical Workforce and a Potential Emeritus Award for Senior Researchers**

This RFI seeks input from the research community for the following: 1) community interest in an emeritus award that allows a senior investigator to transition out of a role or position that relies on NIH funding; 2) ideas for how one would utilize an emeritus award; 3) suggestions for the specific characteristics of an emeritus award; 4) ways in which NIH could incentivize the use of an emeritus award; 5) impediments to the participation in such an award program; and 6) any additional comments you would like to offer on this topic. Responses must be submitted electronically via: <http://grants.nih.gov/grants/rfi/rfi.cfm?ID=40>. For further information, please see [NOT-OD-15-064](#).

## **Requests for Proposals Notice: Preclinical Prevent Cancer Program: Preclinical Efficacy and Intermediate Endpoint Biomarkers**

The contracts under this RFP shall support the development of potential cancer preventive agents or vaccines employing detailed preclinical efficacy studies and determining pharmacodynamics efficacy, and biomarkers. The successful contractor shall be able to perform work on these Task Areas: Task Area One – Chemopreventive Efficacy Evaluation of Chemo-Preventive Agents by Animal Bioassays; Task Area Two – Evaluation and Validation of Intermediate Endpoints; 3 - Mandatory Qualification Criteria. The RFP is available at [NCI Solicitation](#). For further information, please see [NOT-CA-15-013](#).

## **AHRQ Announces Interest in Research About the Epidemiology of Patient Safety Risks and Harms in Ambulatory Health Care Settings**

AHRQ will support research that expands knowledge of the adaption, refinement, or development of methods aimed at understanding the epidemiology of safety events and harm in ambulatory settings. AHRQ is interested in projects that (1) propose an adaption or refinement to an existing method or propose the development of a new method for studying the epidemiology of safety and harm in ambulatory settings, including approaches to validate and assess the proposed

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method, or (2) apply a proposed method for conducting epidemiologic studies of patient safety in ambulatory settings. The relevant AHRQ FOAs for R01, R03 and R18 mechanisms can be found at: <http://www.ahrq.gov/funding/fund-ops/index.html>. For further information, please see [NOT-HS-15-006](#)

### Good Research Practice Training was Well Attended

SPHHP recently hosted a well-attended training session on Good Research Practice, which met Part I and Part II of the IRB training requirements for those who conduct human subjects research. All researchers and all research staff must complete this training by **March 31, 2015**. If you were unable to make this session, you may register for upcoming sessions at <http://www.research.buffalo.edu/rsp/training/>.



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

### April Due Dates

RFA-AA-15-007(R41/R42) - **Alcohol Biosensors (STTR)**

RFA-AA-15-008 (R43/R44) – **Alcohol Biosensors (SBIR)**

The purpose of these FOAs is to solicit applications from eligible small business concerns proposing to design and produce a wearable device to monitor blood alcohol levels in real time.

**Application Due Date:** April 7, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-15-007.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-15-008.html>

RFA-DK-14-025 (R01)

**Identification of Novel Targets and Pathways Mediating Weight Loss, Diabetes Resolution and Related Metabolic Disease after Bariatric Surgery in Humans**

Studies directly addressing novel mechanisms using targeted approaches are of interest and responsive to this FOA, particularly those which utilize up-to-date sophisticated methodologies. Early stage discovery based or unbiased approaches to identify changes in previously unidentified secreted proteins and metabolites using “omics” (ex. proteomic, metabolomics, epigenomics) would also be responsive to this initiative. Longitudinal studies that can address the temporal importance of sequential mechanisms are encouraged as well as those studies that seek to identify the mechanistic link between phenotype and response to bariatric surgery.

**Application Due Date:** April 16, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-025.html>

RFA-DK-14-026 (R01)

**Psychosocial and Behavioral Aspects of Bariatric Surgery**

The goals of this FOA are to: 1) improve the ability to identify who is at risk for sub-optimal weight loss, weight regain, and short- or long-term adverse metabolic/physiologic or behavioral outcomes based on pre-and/or post-operative behavioral characteristics and 2) inform the development of new treatment approaches to be used pre and/or post surgery to minimize risks and improve outcomes or allow for more tailored patient and procedure selection.

**Application Due Date:** April 16, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-14-026.html>

RFA-HS-15-001 (P30)

**Patient Safety Learning Laboratories: Innovative Design and Development to Improve Healthcare Delivery Systems**

This FOA calls for the creation and utilization of Patient Safety Learning Laboratories. These learning laboratories are places and professional networks where closely related threats to patient safety can be identified, where

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multidisciplinary teams generate new ways of thinking with respect to the threats, and where environments are established conducive to brainstorming and rapid prototyping techniques that stimulate further thinking.

**Application Due Date:** April 27, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-15-001.html>

RFA-HS-15-002 (R01)

**AHRQ Health Services Research Projects: Making Health Care Safer in Ambulatory Care Settings and Long Term Care Facilities**

The purpose of this FOA is to support investigative research projects that examine the epidemiology of patient safety in ambulatory care settings and long term care facilities, gather evidence about strategies that can improve safety in these settings, and develop evidence-based tools to facilitate implementation of these strategies.

**Application Due Date:** April 27, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-15-002.html>

**May Dates**

RFA-EB-15-001 (R43/R44)

**Development and Translation of Medical Technologies to Reduce Health Disparities**

This FOA encourages Small Business Innovation Research (SBIR) grant 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. Responsive grant applications must involve a formal collaboration with a healthcare provider or other healthcare organization serving one or more health disparity populations during Phase I and Phase II.

**Application Due Dates:** May 28, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-15-001.html>

**June Due Dates**

RFA-DK-14-002 (P30)

**Nutrition Obesity Research Centers (NORCs)**

This FOA invites applications that propose to establish core centers that are part of an integrated and existing program of nutrition and/or obesity research. The NORC program is designed to support and enhance the national research effort in nutrition and obesity. NORCs support three primary research-related activities: Research Core services, a Pilot and Feasibility (P and F) program, and an Enrichment program. *Only one application per institution is allowed. If interested in applying, please contact Ken Tramposch at [ovpr.limitedsubmission@research.buffalo.edu](mailto:ovpr.limitedsubmission@research.buffalo.edu).*

**Application Due Dates:** June 18, 2015

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

RFA-AT-16-001 (R21/R33)

**Phased Innovation Award for Exploratory Clinical Trials of Natural Products in NCCIH High Priority Research Topics**

The goal of this funding opportunity is to support pilot testing of natural products (i.e., botanicals, dietary supplements, and probiotics), which have sufficient early-stage data to justify further clinical testing of the product. Support will be provided for up to two years (R21 phase) for milestone-driven bioavailability and pharmacokinetic testing and assessment of the natural product's biological signature or mechanism of action. Based on the results of the R21 phase, this may be followed by support of up to 3 years (R33 phase) of support for further clinical studies of the natural product.

**Application Due Date:** June 22, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AT-16-001.html>

RFA-AT-16-002 (R33)

**Exploratory Clinical Trials and Studies of Natural Products in NCCIH High Priority Research Topics**

The goal of this FOA is to support pilot testing of natural products (i.e., botanicals, dietary supplements, and probiotics), which have sufficient early-stage data to justify further clinical testing of the product. Under this FOA, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support decisions about further development or testing of the natural product. The data collected should be

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used to fill gaps in scientific knowledge and provide the information necessary to develop a competitive full-scale clinical trial.

**Application Due Date:** June 29, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AT-16-002.html>

### July Due Dates

RFA-HG-14-004 (T32)

#### **Predocutorial Training in Biomedical Big Data Science**

Applications are being solicited for graduate training programs in Big Data Science, for the expressed purpose of training the next generation of scientists who will develop computational and quantitative approaches and tools needed by the biomedical research community to work with Big Data in the biomedical sciences.

**Application Due Dates:** July 27, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-004.html>

RFA-DA-16-001 (R01)

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

This FOA focuses on innovative 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.

**Application Due Date:** July 31, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-16-001.html>

### Multiple Due Dates

RFA-DA-15-004 (DP1)

#### **NIDA Avant-Garde Award Program for HIV/AIDS and Drug Use Research**

This award supports innovative, basic research that may lead to improved preventive interventions or therapies; creative, new strategies to prevent disease transmission; novel approaches to improve disease outcomes; and creative approaches to eradicating HIV or improving the lives of those living with HIV.

**Application Due Dates:** July 29, 2015; July 29, 2016

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-004.html>

RFA-DA-15-006 (DP2)

#### **Avenir Award Program for Genetics or Epigenetics of Substance Abuse**

This program supports early stage investigators proposing highly innovative studies that open new areas of research for the genetics or epigenetics of addiction. The award will support those who may lack the preliminary data required for an R01 grant, but who propose high impact research and who show promise of being tomorrow's leaders in the field of genetics or epigenetics of substance abuse.

**Application Due Dates:** August 18, 2015; August 18, 2016

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-006.html>

RFA-DA-15-007 (DP2)

#### **Avenir Award Program for Research on Substance Abuse and HIV/AIDS**

This program will support creative individuals who wish to pursue innovative research at the nexus of substance abuse and HIV/AIDS. The program supports research approaches for substance using populations with or at risk for HIV/AIDS that may lead to improved preventive interventions, improved therapies and/or long term retention in care, and ultimately, eradication of HIV.

**Application Due Dates:** November 12, 2015; November 14, 2016

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-15-007.html>

RFA-DC-15-002 (K22)

#### **NIDCD Research Career Transition Award for Nurturing Clinician-Investigators**

The purpose of this FOA is to facilitate and support the early-stage research career development of new and recently appointed clinician faculty members with limited research training and experience who seek to forge an independent research career trajectory at academic institutions. This K22 program is intended to provide them with the knowledge, tools and research experience that will enable them to craft an NIDCD mentored clinician-scientist development (K08/K23) award application that is competitive for funding.

**Application Due Dates:** October 2, 2015; June 2, 2016; February 2, 2017; October 2, 2017

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-15-002.html>

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

PAR-15-093 (R01)

PAR-15-092 (R21)

### Basic Cancer Research in Cancer Health Disparities

These FOAs encourage grant applications from investigators interested in conducting basic research studies into the biological/genetic causes and mechanisms of cancer health disparities. These awards will support studies designed to investigate biological/genetic bases of cancer disparities, such as (1) mechanistic studies of biological factors associated with cancer disparities, (2) the development and testing of new methodologies and models, and (3) secondary data analyses.

**Application Due Dates:** June 17, 2015; November 17, 2015; June 17, 2016; November 17, 2016; June 19, 2017; November 17, 2017

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-093.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-092.html>

PAR-15-108 (U01)

### Multilevel Interventions in Cancer Care Delivery: Building from the Problem of Follow-up to Abnormal Screening Tests

This FOA encourages applications that strengthen the science of multilevel effects of cancer care interventions by addressing the problem of incomplete follow-up to abnormal screening tests for breast, colorectal, cervical and lung cancers.

**Application Due Dates:** April 9, 2015; November 25, 2015; May 26, 2016; September 21, 2016; May 26, 2017; September 21, 2017

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-108.html>

PAR-15-116 (U01) - NIDCD Phase I/II/III Clinical Trials in Communication Disorders

PAR-15-117 (U34) – NIDCD Planning Grants for Phase III Clinical Trials in Communication Disorders

These announcements are part of the NIDCD's clinical research program in communication disorders (hearing, balance, taste, smell, voice, speech and language) with the goal of producing research findings that have significant clinical use and public health impact through the design and implementation of phase III clinical trials. Phase I and II clinical trials provide data that are necessary to address core scientific, design, and clinical issues prior to the conduct of the phase III clinical trial.

**Application Due Dates:** June 9, 2015; October 9, 2015; February 9, 2016; June 9, 2016; October 11, 2016; February 9, 2017; June 9, 2017; October 10, 2017

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-116.html>

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-117.html>

PAR-15-119 (K12)

### NIDA Mentored Clinical Scientists Development Program Award in Drug Abuse and Addiction

This FOA encourages applications for institutional research career development (K12) programs that propose to support intensive supervised research training and career development in the area of drug abuse and addiction.

**Application Due Dates:** June 12, 2015; June 12, 2016; June 12, 2017

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-119.html>

## NIH Funding Opportunities: Program Announcements (PA)

PA-15-089 (Admin Supp)

### NIGMS Program of Administrative Supplements for Equipment

**Application Due Date:** March 3, 2015

<http://grants.nih.gov/grants/guide/pa-files/PA-15-089.html>

PA-15-100 (R01)

### Maternal Nutrition and Pre-pregnancy Obesity: Effects on Mothers, Infants and Children

**Application Due Dates:** Standard dates apply

**Expiration Date:** May 8, 2018

<http://grants.nih.gov/grants/guide/pa-files/PA-15-100.html>

PA-15-110 (R01); PA-15-112 (R21); PA-15-111 (R03)

### Gene-Environment Interplay in Substance Use Disorders

**Application Due Dates:** Standard dates apply

**Expiration Date:** September 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-15-110.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-15-112.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-15-111.html>

## Funding Opportunities: University at Buffalo

### Innovative Micro-Programs Accelerating Collaboration in Themes (IMPACT)

The OVPR has announced a call for proposals for the IMPACT internal funding program. The program focuses on funding innovative interdisciplinary and multi-themed projects where the goal is to develop preliminary data that can support competitive external grant applications. Awards will be \$35,000 for one year projects.

**Application Due Date:** March 2, 2015 by 5:00 pm, submitted via email as a single pdf to Kenneth Tramosch, [ovpr.impact@research.buffalo.edu](mailto:ovpr.impact@research.buffalo.edu),  
[http://www.research.buffalo.edu/funding\\_programs/impact.cfm](http://www.research.buffalo.edu/funding_programs/impact.cfm)

## Funding Opportunities: Foundations

### Damon Runyon Cancer Research Foundation

**The Innovation Award** provides support to extraordinary early career researchers who have an innovative idea but lack sufficient preliminary data to obtain traditional funding. Basic and translational/clinical projects will be considered. Applicants must be a tenure-track assistant professor within the first four years of obtaining their initial Assistant Professor position. The initial award will be for two years, \$150,000/year with the opportunity for up to two additional years of funding for a total funding amount of \$600,000.

**Application Due Date:** July 1, 2015

[http://www.damonrunyon.org/for\\_scientists/more/innovation\\_award\\_overview](http://www.damonrunyon.org/for_scientists/more/innovation_award_overview)



*“Criticism is something we can avoid easily by saying nothing, doing nothing, and being nothing.”*

*Aristotle (Ancient Greek Philosopher, Scientist and Physician, 384 BC—322BC)*

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