

# SPHHP Research Activities Newsletter

## In the News

### Congratulations to the Following Awardees!



**Jo Freudenheim**, UB Distinguished Professor of Epidemiology & Environmental Health, is PI on a new award from Boston University for the project entitled *A Follow-up Study for Causes of Illness in Black Women*. This award will continue the Black Women’s Health Study (BWHS), which began in 1959 and is the largest follow-up study for cancer in African American Women. The study will continue follow-up/data collection; establish a repository of 17,800 blood samples; and share data/samples in consortia projects.



**Amy Millen**, Associate Professor of Epidemiology and Environmental Health (EEH), is PI on a renewal award from the National Institute of Aging for the project entitled *The Role of Vitamin D in Retinal Diseases in Aging*. Dr. Millen will continue to examine associations between Vitamin D status and both diabetic retinopathy and age-related macular degeneration using data from the aging Atherosclerosis Risk in Communities cohort. **Michael LaMonte**, Assistant Professor of EEH, is co-investigator.



**Andrew Ray**, Assistant Professor of Rehabilitation Science, is PI on a new award from Health Research Inc. for the project entitled *A Pilot Exercise Intervention to Enhance Fitness and QoL Among African-American and White Colorectal Cancer Survivors*. Dr. Ray’s project is part of the WNY Cancer Coalition Center, whose overall goal is to identify and address the specific needs of WNY residents regarding the burden of cancer and implement activities to help eradicate the disease. Dr. Ray will study the relationship between exercise and colorectal cancer risk reduction with respect to health disparities.



**Youfa Wang**, Professor and Chair of Epidemiology & Environmental Health (EEH), is PI on an award from Johns Hopkins University. Dr. Wang will lead Project 3, a component of the Johns Hopkins Pediatric Obesity Research and Training Center. Project 3, entitled *Multilevel Systems-oriented Childhood Obesity Study in China*, will test an innovative multi-level intervention, which directly addresses the complex systems associated with childhood eating behaviors and adiposity.

**Hong Xue**, Research Assistant Professor of EEH, is co-investigator.

## Grant Clinic

### Research Foundation Oracle Business System Shutdown for Upgrade

The Oracle Business System upgrade is scheduled to go live on Monday, May 5<sup>th</sup>. **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>.** During this period, Sponsored Projects Services, Human Resources, and Procurement Services will not be able to process any RF transactions. Each office has established transaction submission deadlines to ensure that RF transaction are processed prior to the shutdown. Please see UB Business News for more information <http://www.business.buffalo.edu/ubbusinessnews/Newsletters/Mar-14.pdf>

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## NIH Notices & Reminders

### **Request for Information: Availability of Data and Samples from Randomized Smoking Cessation Trials**

The National Institute on Drug Abuse and the National Cancer Institute seek information about the availability of data and/or biological samples from randomized controlled trials of smoking cessation therapies. If you have conducted a randomized clinical trial, it is requested that you send information about the clinical trial via email to [smokingcessation@mail.nih.gov](mailto:smokingcessation@mail.nih.gov) by May 1<sup>st</sup>. For more information, please see NIH Notice [NOT-DA-14-005](#).

### **Request for Information: Input on Development of a Language Standard for Environmental Health Sciences**

NIEHS is soliciting comments and ideas to guide the development and implementation of a common language standard for environmental health data and associated metadata. A common language for environmental health science would enable consistent classification of data, foster interoperability of databases, and promote the sharing, reuse, and reanalysis of data, thereby accelerating the pace of scientific discovery in environmental health research. Responders are free to address any or all of the categories listed in the Notice and responses should be emailed to [EHSDataShare@nih.gov](mailto:EHSDataShare@nih.gov). For further information, please see NIH Notice [NOT-ES-14-004](#).

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

### 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 research 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 Tramposch, [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>

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

<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-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. The CANPIT, supported through the U41 cooperative agreement funding mechanism, is expected to overcome existing research limitations by developing and/or adapting cutting edge, innovative approaches and technologies that will have significant impact on the chemical and biological investigation of natural products.

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

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

### July Due Dates

RFA-DA-15-005 (R01)

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

This FOA supports 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. 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>

RFA-HS-14-008 (R18)

#### **Accelerating the Dissemination and Implementation of PCOR Findings into Primary Care Practice**

AHRQ seeks applications to disseminate Patient-Centered Outcomes Research (PCOR) findings directly to primary care practices and to support them in implementing PCOR clinical and organizational findings. Applicants must work with primary care practices to utilize PCOR findings.

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

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

RFA-HS-14-009 (R01)

#### **Evaluation of AHRQ Initiative to Accelerate the Dissemination and Implementation of PCOR Findings into Primary Care**

This FOA invites applications to conduct a rigorous external evaluation of an AHRQ grant-funded initiative to disseminate and implement PCOR findings to improve heart health and to improve the capacity of primary care practices to implement PCOR findings into practice.

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

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

### Multiple Due Dates

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 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>

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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, 2014; 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 award 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 in an early stage of their career who may lack the preliminary data required for an R01 grant, but who propose high impact research.

**Application Due Dates:** August 18, 2014; 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 award program will support creative individuals who wish to pursue innovative research 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, 2014; November 12, 2015; November 14, 2016

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

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

PAR-14-152 (P20)

**Feasibility Studies to Build Collaborative Partnerships in Cancer Research**

This FOA invites P20 planning grant applications for the implementation of collaborative partnership awards between academic or other organizations serving communities with cancer health disparities and NCI-designated Cancer Centers (or Cancer Centers with highly integrated cancer research programs). A major goal of the NCI P20 partnership awards is to provide support for investigators at the Institutions and Cancer Centers to conduct cancer pilot projects and training and education programs.

**Application Due Dates:** May 16, 2014; March 19, 2015

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-152.html>

PAR-14-160 (U01)

**Core Infrastructure and Methodological Research for Cancer Epidemiology Cohorts**

This FOA invites grant applications for targeted infrastructure support of the core functions of Cancer Epidemiology Cohorts (CECs) and methodological research. The activities to be supported through this FOA include the establishment, maintenance, or upgrade of CECs' core functions. Methodological research to validate or evaluate new or existing approaches to core infrastructure functions is also appropriate.

**Application Due Dates:** July 8, 2014; November 10, 2014; March 11, 2015; July 8, 2015; November 10, 2015; March 11, 2016; July 8, 2016; November 10, 2016; March 10, 2017.

<http://grants.nih.gov/grants/guide/pa-files/PAR-14-160.html>

PAR-13-350 (R21/R33)

**Early Career Award in Chemistry of Drug Abuse and Addiction (ECHEM)**

This FOA seeks to facilitate the entry of new-to-NIH investigators into basic chemistry research applied to drug abuse and addiction and is intended to encourage early career chemists (or chemists new to NIH) to develop probes that aid basic research investigations on drug abuse and/or identify new or better templates as lead compounds with potential for conducting structure activity relationship (SAR)-function studies.

Application Due Date(s): Standard dates apply.

**Expiration Date:** September 8, 2016

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-350.html>

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PAR-14-170 (R25)

**Innovative Programs to Enhance Research Training (IPERT)**

The IPERT R25 funding opportunity announcement from NIGMS seeks applications that propose creative and innovative educational activities to complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To this end, the FOA encourages activities with a primary focus on courses for skills development, structured mentoring activities, and outreach programs.

**Application Due Date(s):** June 9, 2014; January 25, 2015; January 25, 2016

<http://grants.nih.gov/grants/guide/pa-files/PA-14-170.html>

## NIH Funding Opportunities: Program Announcements (PA)

PA-14-155 (R01); PA-14-154 (R43/R44);

PA-14-157 (R41/R42)

**Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-155.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-14-154.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-14-157.html>

PA-14-156 (R01)

**Extended Development, Hardening and Dissemination of Technologies in Biomedical Computing, Informatics and Big Data Science**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-156.html>

PA-14-161 (R01); PA-14-159 (R21)

**Translational Research to Help Older Adults Maintain their Health and Independence in the Community**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-161.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-14-159.html>

PA-14-163 (R01); PA-14-162 (R21); PA-14-164 (R03)

**Effects of Cannabis Use and Cannabinoids on the Developing Brain**

Application Due Date(s): Standard dates apply

**Expiration Date:** May 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-14-163.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-14-162.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-14-164.html>

## NIH Funding Opportunities: Requests for Contract Proposals (RFP)

BAA-N01DA-15-4422

**NIH Pain Consortium Centers of Excellence in Pain Education**

Contracts awarded under this BAA will develop pain management training and educational resources for medical, dental, nursing, mental health, physical therapy, pharmacy, and other health professions to advance the assessment, diagnosis and safe treatment of pain.

**Application Due Date:** May 19, 2014

[https://www.fbo.gov/index?s=opportunity&mode=form&tab=core&id=a547499cad126ece9d838ad47c44b5fc&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&tab=core&id=a547499cad126ece9d838ad47c44b5fc&_cview=0)

## Funding Opportunities: U.S. Department of Defense

### Breast Cancer Research Program (BCRP)

**The Era of Hope Scholar Award's** intent is to recognize creative and innovative individuals who are early in their careers (within six years of last training position) and have demonstrated significant potential for innovation in breast cancer research. The PI must maintain a 50% dedication of his/her full-time professional effort. The maximum total award is \$2.5 million in direct costs for up to a five year project period.

**Application Due Date:** Pre-Application August 1, 2014  
Application August 15, 2014

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**The Innovator Award** provides visionary individuals with the funding and freedom to pursue their most novel, visionary, high-risk ideas that could ultimately lead to ending breast cancer. The PI must be at or above the level of Associate Professor. The maximum total award is \$5 million in direct costs for up to a five year project period.

**Application Due Date:** Pre-Application May 14, 2014  
Invited Application August 15, 2014

**The Breakthrough Awards** support promising research that has high potential to lead to or make breakthroughs in breast cancer. Four different funding levels, based on the scope of research are available:

Funding Level 1 – Innovative, high-risk/high-reward research that is in the earliest stages of development. No preliminary data required. The maximum total award is \$350,000 in direct costs for up to a three year project period.

Funding Level 2 – Research that is already supported by preliminary data and has potential to make significant advancements toward clinical translation. The maximum total award is \$700,000 in direct costs for up to a three year project period.

**Application Due Date:** Pre-Application May 14, 2014  
Application May 28, 2014

Funding Level 3 – Advanced translational studies that have potential for near-term clinical investigation. Small-scale clinical trials may apply. The total maximum award is \$2.5 million in direct costs for up to a five year project period.

Funding Level 4 – Large scale projects that will transform and revolutionize the clinical management and/or prevention of breast cancer. Near-term clinical impact is expected. The total maximum award is \$10 million in direct costs for up to a five year project period.

**Application Due Date:** Pre-Application May 14, 2014  
Invited Application August 15, 2014

For additional information on the Breast Cancer Research Program, please visit

<http://cdmrp.army.mil/pubs/press/2014/14bcprpreann.shtml>

*\*Please note: The CDMRP eReceipt System has been replaced with the Electronic Biomedical Research Application Portal (eBRAP). PIs should register in eBRAP as soon as possible. All pre-applications must be submitted through eBRAP. <https://ebrap.org/eBRAP/public/index.htm>*

## Funding Opportunities: National Science Foundation

NSF-14-544

### Scalable Nanomanufacturing

The NSF announces a fourth year of a program on collaborative research and education in the area of scalable nanomanufacturing, including the long-term societal implications of the large-scale implementation of nanomanufacturing innovations. Guidelines can be found at [NSF-14-544](#). The emphasis of the program is to overcome the key scientific and technological barriers that prevent the production of useful nanomaterials, nanostructures, devices and systems at an industrially relevant scale, reliably, and at low cost and within environmental, health and safety guidelines. Awards will be in the range of \$250,000-\$375,000 per year for four years. UB may submit one proposal for this solicitation. If you are interested, please submit the required internal documents (<http://www.research.buffalo.edu/sps/NSF>) to Dr. Tramposch at [ovpr.limitedsubmission@research.buffalo.edu](mailto:ovpr.limitedsubmission@research.buffalo.edu).

Application Due Date: Internal April 28<sup>th</sup>  
NSF June 16<sup>th</sup>

*"It's choice — not chance — that determines your destiny."*

Jean Nidetch (co-founder of Weight Watchers, 1923 — )

