

SPHHP Research Activities Newsletter

In the News

Congratulations to the Following Awardees:



Randolph Carter, Professor and Associate Chair of Biostatistics, is PI on two continuation awards. The first is from Health Research Inc. and is entitled *Prospective Evaluation of Lower Extremity Lymphedema in Women Undergoing Radical Surgery for Gynecological Cancer*. Dr. Carter will continue to provide statistical analyses for the study, whose goal is to determine the incidence and impact of lower extremity lymphedema following surgical treatment of gynecological cancer. The second is from the NYS Department of Health and is entitled *Early Childhood Outcomes (ECO) Data System Development*. Dr. Carter will continue to conduct statistical analyses of the data collected from the ECO Child Outcomes Summary forms and assist with analyses on the GSEG field study data.



R. Lorraine Collins, Professor of Community Health and Health Behavior and Associate Dean for Research, is co-investigator with PI Amy Hequembourg (Research Institute on Addictions) on a new award from the National Institute of Justice for the project entitled *Identifying Sexual Assault Mechanisms Among Diverse Women*. The project will seek to provide insights into mechanisms associated with sexual assault among sexual minority women to provide these victims with necessary services which often are inadequate to their needs.



Daniel Gaile, Assistant Professor of Biostatistics, is PI on a new award from Health Research Inc. for the project entitled *Early Hearing Detection and Intervention Program*. Dr. Gaile will perform statistical analyses to evaluate and identify demographic, local or regional variability, socio-economic factors, and other variables that may be associated with hearing screening, evaluation, and intervention. He also will establish queries that will allow non-technical staff to update and analyze data on a long-term and sustainable basis. **Terry Mashtare**, Research Assistant Professor of Biostatistics, is co-investigator.



Gary Giovino, Professor and Chair of Community Health and Health Behavior, is PI on a new award from Carter Consulting Inc. for the project entitled *African American Youth and Young Adult Tobacco Use Project*. Dr. Giovino will serve as the lead senior guest editor for a special issue journal supplement with Nicotine and Tobacco Research. Dr. Giovino is also PI on a continuation award from the CDC Foundation for the project entitled *Memorandum of Understanding with the CDC Foundation for the Work on the Global Adult Tobacco Survey*. He 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.



Gregory Homish, Associate Professor of Community Health and Health Behavior, is PI on a continuation award from the National Institute on Drug Abuse/NIH for the project entitled *Substance Use in Reservists: Social and Environmental Influences*. The funding will continue his study of the complex relations among substance use, stress/trauma (e.g., combat exposure), and family functioning of reserve soldiers. **Lynn Kozlowski**, Professor of Community Health and Health Behavior, and **John Violanti**, Research Professor of Epidemiology and Environmental Health, are co-investigators.

Inside this issue:

In the News	1-2
Grant Clinic	2
UB Funding	
CEPP	3
IPCC	3
NIH Funding	
RFA	3-6
PAR	6
PA	7
Foundations	
Bill & Melinda Gates	7
William T. Grant	7
Words to Live By	7

(Continued from page 1)



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



Christine Oddo, Research Assistant Professor, Center for Assistive Technology (CAT), is PI on a continuation award from the NYS Education Department for the project entitled *Core Rehabilitation Services*. CAT will continue to work with counselors and consumers across the eight counties of Western New York to provide assistive technology services including conducting evaluations and customized assistive technology trainings.



Pavani Ram, Associate Professor of Epidemiology and Environmental Health, is PI on a new award from Save the Children for the project entitled *Effects of Promoting Handwashing with Soap to Mothers and Other Caregivers in Kenya*. The study will compare the effects of perinatal handwashing promotion versus standard practices on the handwashing practices of mothers of newborns; adherence to handwashing at particular critical times among mothers of newborns; and the handwashing behavior of other caregivers of newborns and other family members.



Andrew Ray, Assistant Professor of Rehabilitation Science, is PI on a continuation award from Health Research Inc. for the project entitled *Vitamin D₃ and Lung Cancer Risk in Humans*. The study will continue to explore the relationships among Vitamin D₃, lung cancer risk, and inspiratory muscle strength in Vitamin D₃ deficient COPD patients.



Jennifer Temple, Associate Professor of Exercise & Nutrition Sciences, is PI on a continuation award from the National Institute on Drug Abuse/NIH for the project entitled *Gender Differences in Responses to Caffeine in Children and Adolescents*. The funding will continue her investigation of the effects of caffeine in children and adolescents as well as identification of the mechanisms that influence gender differences in response to caffeine.



Lili Tian, Professor of Biostatistics, is PI on a continuation award from Health Research Inc. for the project entitled *Gender Disparity in Bladder Cancer and Chemopreventive Intervention*. Dr. Tian will provide statistical analysis, as well as review and participate in the writing of reports and manuscripts.



Youfa Wang, Professor of Epidemiology & Environmental Health (EEH), is PI on a continuation award from the Eunice Kennedy Shriver National Institute on Child Health and Human Development/NIH for the project entitled *Causes and Interventions for Childhood Obesity: Innovative Systems Analysis*. Dr. Wang will continue to study multilevel causes of childhood obesity and simulate the effects of potential interventions.

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



Jihnhee Yu, Associate Professor of Biostatistics, is co-investigator with PI Hui Meng (Mechanical & Aerospace Engineering) on a new award from the National Institute of Neurological Disorders and Stroke/NIH for the project entitled *Virtual Intervention of Intracranial Aneurysms*. The study aims to develop clinically-practical computational tools to simulate endovascular treatment strategies.

Grant Clinic

REMINDER – New Biosketch Format Required for Applications Due on/after May 25, 2015

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](#).

Funding Opportunities: University at Buffalo

Civic Engagement and Public Policy (CEPP)

All UB faculty members are invited to apply for the following fellowships offered by the CEPP for 2015-2016. CEPP fosters community-based research and scholarship designed to address issues of social justice, equity, and public policy challenges. Any questions regarding these fellowships should be directed to any member of the Faculty Advisory Committee or to the program coordinator, Laura Mangan, Lmangan@buffalo.edu, 645-5376. **Applications are due April 6, 2015.**

Civic Engagement Research Fellowship supports community-based research proposals that have the potential to evolve into larger studies to advance knowledge and make a difference in the lives of external constituencies. Fellows will receive up to \$5,000 as a research grant. Only one fellowship will be awarded to any department per year.

Civic Engagement Research Fellowships for Grant Development supports the preparation and submission of external grant proposals for community-based research projects. Support is available for up to \$5,000 and is limited to activities related to the development of external grants, including grant writing, hiring grant consultants, statistical or other technical assistance necessary for a competitive proposal, travel to visit potential funders (foundations, agencies), and workshops or other activities to further the submission of sponsored research proposals.

Civic Engagement Research Dissemination Fellowships provide up to \$5,000 to support efforts to disseminate the results of community-based research. This fellowship may be used to craft a dissemination plan to be included in an external grant proposal; to rework a report or practice recommendation into a scholarly publication; to prepare the research results for use in non-academic publishing outlets, such as policy reports; to present research findings to legislative bodies and other policymaking groups; or to assist in developing a plan with the community research partner to change current practice.

[Civic Engagement Research Fellowship Programs](#)

Community Scholar-in-Residence Fellowship invites nominations from UB faculty members to support a one month visit to UB for a community research partner during 2015-2016. This Community Scholar-in-Residence Fellowship program will enable a community research partner, from outside academia, to spend time at UB working collaboratively with faculty partners on community-based research, education, and grant activities. This program seeks to integrate community members into grant proposals and research activities. Up to three fellowships of \$3,000 will be awarded each year.

[Community Scholar-in-Residence Fellowship](#)

The Institute for Person-Centered Care (IPCC)

The IPCC announces a seed grant to support research activities related to aging and person-centered care. All UB faculty who are members of the IPCC are eligible to submit a proposal. A total budget of \$50,000 is available, with a maximum of \$10,000 per project for one year.

Application Due Date: April 20, 2015

<http://www.buffalo.edu/ipcc/Faculty/ResearchCompetition.html>

NIH Funding Opportunities: Requests for Applications (RFA)

May Due Dates

RFA-OD-15-003 (U2C)

Mobilizing Research: A Research Resource to Enhance mHealth Research

The purpose of this FOA will be to create a research resource that uses mobile phone technology to create a registry of demographically and geographically diverse individuals interested in potential research projects. Successful applicants will develop a wireless resource in conjunction with the mobile telecommunications industry and in consultation with researchers and wireless device and application industry experts, and regulatory authorities (e.g., Food and Drug Administration and the Federal Communications Commission).

Application Due Date: May 8, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-15-129.html>

(Continued on page 4)

(Continued from page 3)

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

Innovations in Measuring and Managing Addiction Treatment Quality Challenge Prize Competition

The National Institute on Drug Abuse is seeking bold new ideas, based on the latest science of addiction, its treatment, and quality improvement, about how the clinical quality of addiction treatment could best be measured and how that clinical quality could be managed and improved. NIDA plans to award \$100,000 in total prizes. Those with novel ideas in this area are encouraged to visit the www.challenge.gov to learn more about the challenge, and about eligibility, registration, and submission requirements. This challenge is open until June 1, 2015.

RFA-HL-16-017 (R25)

Summer Institute for Research Education in Biostatistics

The over-arching goal of this 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. Specifically, this FOA will enhance the training of quantitatively oriented students to encourage them to pursue advanced degrees in biostatistics-related fields for a career in biomedical and biostatistical research. To accomplish the stated goal, this FOA will support the following integrated educational activities with a primary focus on courses for skills development.

Application Due Date: June 1, 2015

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-16-017.html>

RFA-CA-15-006 (UH2)

Big Data to Knowledge (BD2K) Advancing Biomedical Science Using Crowdsourcing and Interactive Digital Media

The purpose of this FOA is to support the development of new or significantly adapted interactive digital media that engages the public, experts or non-experts, in performing some aspect of biomedical research via crowdsourcing. Each application is expected to pose a challenging biomedical research problem and propose the development of engaging interactive digital media that incorporates crowdsourcing as a fundamental component of how the problem is solved. The biomedical research problem should be amenable to one or more human computation approaches, as the users must be active participants in the analysis and/or interpretation of data, rather than acting primarily as data collectors or sources of data.

Application Due Date: June 3, 2015

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

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 Tramosch at 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

(Continued on page 5)

(Continued from page 4)

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 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)

Predoctoral 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 Date: July 27, 2015

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

RFA-DE-16-004 (R01); RFA-DE-16-005 (R21)

Biological and Physiological Effects of E-cigarette Aerosol Mixtures

These FOAs support research aimed at understanding the biological and physiological effects of aerosol mixtures produced by electronic cigarettes (ECs) on cells, tissues and organs of the oral cavity including oral and periodontal epithelia, gingiva, salivary glands, and tooth. These FOAs will also support research on elucidation of the effects of ECs on oral microbiome. Research would provide essential and necessary information on the biological effects of ECs that would in turn lead to evidence based foundational information for health policy decisions.

Application Due Date: July 25, 2018

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-16-004.html>

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-16-005.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

The NIDA Avant-Garde 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. The proposed research should be substantially different from those already being pursued by the investigator or others.

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

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

(Continued on page 6)

(Continued from page 5)

RFA-DA-15-006 (DP2)

Avenir Award Program for Genetics or Epigenetics of Substance Abuse

The Genetic Avenir 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 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

The Avenir Award Program for Research on Substance Abuse and HIV/AIDS 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)

NIDDK Research Education Program Grants (R25)

PAR-15-138 – Curriculum Development

This FOA will support creative educational activities that propose the development of novel curricula or methods in research areas relevant to the NIDDK.

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-138.html>

PAR-15-139 – Courses for Skills Development

This FOA will support creative educational activities that propose courses for skills development in the research areas relevant to the NIDDK.

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-139.html>

PAR-15-140 – Summer Research Experiences

This FOA will support creative educational activities that propose summer research experiences in the research areas relevant to the NIDDK.

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-140.html>

Application Due Dates: Standard dates apply

Expiration Date: May 8, 2018

NIH Funding Opportunities: Program Announcements (PA)

PA-15-098 (R01); PA-15-097 (R21)

Prevention Research in Mid-Life Adults

Application Due Dates: Standard dates apply

Expiration Date: May 8, 2018

<http://grants.nih.gov/grants/guide/pa-files/PA-15-098.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-15-097.html>

PA-15-099 (R21/R33)

Reductions in Illicit Drug Use and Functional Outcomes

Application Due Dates: Standard dates apply

Expiration Date: September 8, 2017

<http://grants.nih.gov/grants/guide/pa-files/PA-15-099.html>

PA-15-126 (R01); PA-15-125 (R21); PA-15-124 (R03)

Early-life Factors and Cancer Development Later in Life

Application Due Dates: Standard dates apply

Expiration Date: January 8, 2018

<http://grants.nih.gov/grants/guide/pa-files/PA-15-126.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-15-125.html>

<http://grants.nih.gov/grants/guide/pa-files/PA-15-124.html>

PA-15-127 (R01)

Advancing Translational and Clinical Probiotic/Prebiotic and Human Microbiome Research

Application Due Date: Standard dates apply

Expiration Date: May 8, 2018

<http://grants.nih.gov/grants/guide/pa-files/PA-15-127.html>

PA-15-133 (R01); PA-15-134 (R21)

Functional Wellness in HIV: Maximizing the Treatment Cascade

Application Due Dates: Standard dates apply

Expiration Date: May 8, 2018

<http://grants.nih.gov/grants/guide/pa-files/PA-15-133.html>

PA-15-135 (R01)

Advancing Mechanistic Probiotic/Prebiotic and Human Microbiome Research

Application Due Dates: Standard dates apply

Expiration Date: May 8, 2018

<http://grants.nih.gov/grants/guide/pa-files/PA-15-135.html>

Funding Opportunities: Foundations

Bill & Melinda Gates Foundation

Grand Challenges Explorations Round 15 is now accepting grant proposals on the following topics:

- Addressing Newborn and Infant Gut Health Through Bacteriophage-Mediated Microbiome Engineering
- Explore New Ways to Measure Delivery and Use of Digital Financial Services Data
- Surveillance Tools, Diagnostics and an Artificial Diet to Support New Approaches to Vector Control
- New Approaches for Addressing Outdoor/Residual Malaria Transmission
- New Ways to Reduce Childhood Pneumonia Deaths Through Delivery of Timely Effective Treatment
- Enable Merchant Acceptance of Mobile Money Payments

Initial grants will be awarded \$100,000 and successful projects will have the opportunity to receive a follow-on grant of up to \$1 million.

Application Due Date: May 13, 2015

<http://grandchallenges.org/grant-opportunities.html>

William T Grant Foundation

The Foundation supports research focused on ways to reduce disparities in academic, behavioral, social and economic outcomes for youth between the ages 5 and 25. Priority will be given to projects related to inequality on the basis of economic, racial/ethnic, and language backgrounds. Research that explores other areas of inequality also will be considered, based on a compelling case for its impact. Awards typically range from \$100,000 to \$600,000 and cover two to three years of support.

Application Due Date: May 5, 2015 and August 4, 2015 – letters of intent only. Invitations for full proposals will be sent to the applicant approximately 3-5 months after the letter of intent is submitted.

<http://wtgrantfoundation.org/Grants#apply-research-grants>

“Two things that could measure who we are: The way we manage when we have nothing, and the way we behave when we have everything.”

Author Unknown