

SPHHP Research Activities Newsletter

University at Buffalo

October 2015

In the News

Congratulations to the Following Awardees:



Daniel Gaile, Assistant Professor of Biostatistics, is Co-Investigator on a new award from the National Cancer Institute/NIH with PI Yun Wu (Biomedical Engineering) for the project entitled *Noninvasive Detection of Circulating RNAs for Lung Cancer Early Detection and Prognosis*. The project seeks to develop and validate a novel cationic lipoplex nanoparticles based biochip in detecting circulating RNA targets in serum samples from high risk smokers and lung cancer patients, which may help gain detailed insights in basic lung cancer biology.



Rachel Hageman Blair, Assistant Professor of Biostatistics, is PI on a new award from the National Science Foundation for the project entitled *QuBBD: Collaborative Research: Interactive Ensemble Clustering for Mixed Data with Application to Mood Disorders*. Dr. Hageman Blair is part of a collaborative team that will use big data to develop a new approach to improve the classification of mood disorders, leading to more effective outcomes for psychiatric patients.



Alan Hutson, Professor and Chair of Biostatistics, is PI on a continuation award from Health Research Inc. (Roswell Park Cancer Institute) for the project entitled *RPCI-UPCI Ovarian Cancer SPORE – Core C: Biostatistics and Medical Bioinformatics*. Dr. Hutson will continue to co-direct the CORE, which provides informatics design, and statistics and modeling support to all Roswell Park Cancer Institute ovarian cancer SPORE projects.



Lynn Kozlowski, Professor of Community Health and Health Behavior, is Co-Investigator on a continuation award from Health Research Inc. (Roswell Park Cancer Institute) with PI Clara Bradizza (UB's Research Institute on Addictions) for the project entitled *Nicotine Delivery from Novel Non-Tobacco Electronic Systems*. The project will continue to study various brands and models of electronic nicotine delivery systems (ENDS) to measure nicotine levels in the products, nicotine yields in inhaled vapors, and the level of nicotine effectively delivered into the bloodstream.



Lucia Leone, Assistant Professor of Community Health and Health Behavior, is a recipient of UB's Gregory J. Dimitriadis Research Mentoring Fellowship for the project entitled *Development of a Targeted Exercise Program for Women with Obesity*. Dr. Leone will work with mentor Dr. Gary G. Bennett, Professor of Psychology, Global Health and Medicine at Duke University, to conduct a pilot project with the local YMCA. The project will develop an exercise program to increase physical activity among obese women.

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Laura Lien, Assistant Professor of Rehabilitation Science, is lead PI on an award with Co-PI Bumjoon Kang (Urban and Regional Planning) from the University at Buffalo Center for Excellence in Home Health and Well-Being through Adaptive Smart Environments for the project entitled *Challenges in the Home Environment: Exploring the Potential for Improved Health Outcomes*. The study will use novel person-environment (P-E) assessment and tracking technologies to examine the impact of environmental challenge on the daily activity of community-dwelling older adults. The research will examine physical activity and mobility as well as overall health and well-being.



Heather Ochs-Balcom, Assistant Professor of Epidemiology and Environmental Health, is a recipient of UB's Civic Engagement Research Fellowship for the project entitled *NCAA Student Athletes and Sickle Cell Trait Screening: Ensuring Best Practices*. The project will study how the well-being of student-athletes is affected by the discovery that they or members of their teams are carriers of the sickle cell trait (SCT). The results will help athletic staff work with student-athletes and their teams to consider the implications of National Collegiate Athletic Association (NCAA) SCT testing results and the short and long-term consequences of this genetic information.



Todd Rideout, Assistant Professor of Exercise and Nutrition Sciences, received a supplement award from the National Center for Complementary & Integrative Health/NIH for the project entitled *Cardiovascular Protection by Phytosterols in Dyslipidemic Mothers and Progeny*. The supplement will support analysis of cholesterol oxidation products, novel biomarkers that regulate arterial health and lesion progression, to strengthen the current study's assessment of how early phytosterol exposure impacts cardiovascular disease risk.



Albert Vexler, Associate Professor of Biostatistics, is Co-Investigator on a continuation award from the National Institute of Diabetes and Digestive and Kidney Diseases/NIH with PI Paresh Dandona (Medicine) for the project entitled *Liraglutide as Additional Treatment in Patients with Type 1 Diabetes Mellitus*. The placebo controlled study will compare beneficial effect of liraglutide in type 1 diabetics on treatment with insulin.



John Violanti, Research Professor of Epidemiology and Environmental Health (EEH) is PI on a new award from the National Institute of Occupational Safety and Health/CDC for the project entitled *Stressors and Cardio Metabolic Disease in Police: A 12-Year Longitudinal Study*. The study will longitudinally examine the impact of occupational stressors on early signs of cardiovascular and metabolic disease in police officers in order to further knowledge on this topic and enhance prevention efforts in the field. SPHHP Co-Investigators include **Jean Wactawski-Wende**, Dean of SPHHP and Professor of EEH, and **Carl Li**, Research Assistant Professor of EEH.



Jihnhee Yu, Associate Professor of Biostatistics, is PI on a continuation award from the NYS Department of Health for the project entitled *Child and Family Outcomes Evaluation for State Performance Plan*. Dr. Yu will provide training and technical assistance in the collection and submission of child outcome data and will conduct analyses on outcomes.



Jiwei Zhao, Assistant Professor of Biostatistics, is PI on a continuation award from Health Research Inc. (Roswell Park Cancer Institute) for the project entitled *Prospective Evaluation of Lower Extremity Lymphedema in Women Undergoing Radical Surgery for Gynecological Cancer*. Dr. Zhao will provide statistical analysis for the study, whose goal is to determine the incidence and impact of lower extremity lymphedema following surgical treatment of gynecological cancer.

Grant Clinic

NICHD Launches New Data Sharing Resource to Accelerate Scientific Findings, Improve Health

The [NICHD Data and Specimen Hub \(DASH\)](#) is now available as a centralized resource for researchers to store and access de-identified data from NICHD-funded research studies. The Resources section of the website includes the NICHD DASH policy, the NICHD Dash Data Use Agreement, a tutorial, answers to frequently asked questions, and other supplemental materials to orient new users. [NOT-HD-15-028](#).

NIH Public Access Policy – What’s the Difference between PMID and PMCID?

A reminder that anyone submitting an application, proposal, or report to NIH must include a **PMCID** when citing applicable papers that they author or that arise out of their NIH-funded research. Abstracts appearing in PubMed are assigned a PMID automatically; NIH awardees may need to take action to obtain a PMCID, which is assigned to full-text papers in PubMed Central (if it helps to remember, think of the **C** in **PMCID** to indicate **compliance** with the public access policy). This interactive [wizard](#) will help determine whether your paper falls under the policy, how to bring it into compliance, and how to report it to NIH. For further information, please visit the public access policy [website](#).

Webinars for Applicants and Grant Administrators: What You Need to Know About NIH Application Submission and Review

NIH is hosting two upcoming webinars designed to give participants useful insights into the application submission and peer review processes. Viewers will see presentations by five CSR/NIH experts on topics such as review of your application; application receipt and referral; key things to know about the NIH grants program; and CSR’s Early Career Reviewer Program. Each webinar will run from 2:00 to 4:00 pm EST, including a 30 minute Q&A period.

Webinar Dates: November 5, 2015 Focus: University Research Administrators

November 6, 2015 Focus: Research Project Grants

To Register: By October 29, 2015 <http://public.csr.nih.gov/Pages/csrwebinar.aspx>

[NOT-OD-15-154](#)

Pre-Application Webinar for RFA-OD-15-004 “Tobacco Regulatory Science Small Grant Program for New Investigators (R03)”

An informational webinar will be held on December 2, 2015 from 1:00pm to 2:30pm EST. NIH and FDA staff will provide an overview of the FOA, the application review process and answer questions from prospective applicants. Information about how to participate is posted at: <https://prevention.nih.gov/tobacco-regulatory-science-program/funding-opportunities/webinar-small-grant-program>. The webinar slides will be posted on the same site following the webinar.

[NOT-OD-16-033](#)

Notice of Intent to Publish Funding Opportunity Announcements for Computational Analysis Research Projects (U01) and ENCODE Data Coordination and Analysis Center (U24)

The National Human Genome Research Institute intends to publish four FOAs in functional genomics to expand the catalog of functional DNA sequence elements, move beyond cataloging towards understanding the functional role of genomic elements in specific biological contexts, develop strategies to apply these studies to disease research, increase the number of scientists from the research community contributing to the creation of the encyclopedia of functional elements, develop analytical tools to enhance the utility of the data and make the data, tools, analyses and assembled encyclopedia freely available to the research community. These FOAs are expected to be published in the Fall of 2015 with expected application due dates in Winter of 2016. [NOT-HG-15-036](#).

Announcing FAQs Page for PAR-14-315 “Testing Interventions for Health-Enhancing Physical Activity (R01)” and PAR-14-321 “Developing Interventions for Health-Enhancing Physical Activity (R21/R33)”

As a result of discussions with prospective applicants regarding permissible research plans under these FOAs, NIH developed a list of Frequently Asked Questions to address these inquiries. The FAQs are posted at <https://prevention.nih.gov/docs/programs/faq/par-14-315-321-faq.pdf>. This information may be updated without additional notice. [NOT-OD-15-162](#).

Notice Announcing the Availability of Common Data Elements for Research Related to Eating Disorders

NIMH announces the availability of a set of common data elements (CDEs) for use by researchers who are collecting data from human subjects related to eating disorders. The new collection of common data elements is available via the PhenX Toolkit at <https://www.phenxtoolkit.org/index>. NIMH grantees/applicants are strongly encouraged to incorporate these measures into research protocols and are discouraged from using alternative measures to collect similar data.

[NOT-MH-15-031](#)

Request for Information: Soliciting Input for the National Center for Advancing Translational Sciences (NCATS) Strategic Planning Process

NCATS seeks input on the scientific and operational opportunities, challenges and research needs in translational science to help set the Center’s strategic priorities and inform the development of a five-year strategic plan. Stakeholders from all sectors are encouraged to provide input on issues listed in the Notice, as well as any other relevant issue. To submit a response, please visit <https://grants.nih.gov/grants/rfi/rfi.cfm?ID=50> by January 8, 2016, 11:59:59 EST.

[NOT-TR-16-002](#)

Funding Opportunities: University at Buffalo

Civic Engagement and Public Policy (CEPP)

Community-Based Health Disparities Research Mentoring Fellowship

CEPP is announcing a new two-year research mentoring fellowship for individual faculty or faculty teams working on health disparities research. Such research must involve collaboration with a community research partner. Mentoring may involve longer intense study in a continuous block of time or several shorter visits spread out over the period of the fellowship. Awards for individual fellowships will not exceed \$5,000 each year and group fellowships will not exceed \$7,500 each year, for a maximum of two years. Questions should be addressed to Lara Mangan at 645-5376 or lmangan@buffalo.edu.

Due Dates: **October 29, 2015** – Letter of Intent/Outline of Proposal (submitted to lmangan@buffalo.edu)
November 19, 2015 – Invited Proposal

NIH Funding Opportunities: Requests for Applications (RFA)

November Due Dates

[RFA-OD-15-005 \(R01\)](#)

Chemistry, Toxicology, and Addiction Research on Waterpipe Tobacco

The purpose of this FOA is to encourage biomedical, behavioral, and social science research that will inform the development and evaluation of possible regulatory action on waterpipe (or hookah) tobacco products. Research projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP) as mandated by the Family Smoking Prevention and Tobacco Control Act (FSPTCA), Public Law 111-31. Research results from this FOA are expected to generate findings and data that are directly relevant to inform the FDA's regulation of the manufacture, distribution, and marketing of waterpipes to protect public health.

Application Due Date: November 20, 2015

December Due Dates

[RFA-OD-15-006 \(R01\)](#)

Abuse Liability Associated with Reduced Nicotine Content Tobacco Products

The purpose of this FOA is to generate data to inform the FDA on ways to reduce the addictiveness and resulting public health toll from tobacco product use in the United States. Research projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP) as mandated by the Family Smoking Prevention and Tobacco Control Act (FSPTCA), Public Law 111-31.

Application Due Date: December 11, 2015

January 2016 Due Dates

[RFA-MH-16-750 \(R01\)](#)

BRAIN Initiative: Foundations of Non-Invasive Functional Human Brain Imaging and Recording – Bridging Scales and Modalities

This FOA, in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, aims to support transformative discoveries that will lead to breakthroughs in understanding human brain function. This FOA specifically seeks to support efforts that will revolutionize our understanding of the biological activity underlying, and bioinformatic content of, data collected using contemporary non-invasive functional brain imaging techniques. The hope is that these transformative discoveries will lead to breakthroughs in understanding the dynamic activity of the human brain.

Application Due Date: January 6, 2016

[RFA-AG-16-022 \(R01\)](#)

Aging Research on Stress and Resilience to Address Health Disparities in the United States

The purpose of this FOA is to stimulate interdisciplinary health-disparities research related to aging that considers the role that stress, stress response, and stress resilience play in differential health outcomes in priority health disparity populations in the U.S. In particular, this FOA seeks applications proposing to clarify pathways linking stress and aging-relevant health outcomes (e.g. mortality, cognitive impairment, multiple chronic conditions, disability, and quality of life) through the investigation of links between environmental, sociocultural, behavioral, and biological factors.

Application Due Date: January 13, 2016

[RFA-HD-16-033 \(R01\)](#); [RFA-HD-16-034 \(R21\)](#)

HIV-infected Adolescents: Transitioning from Pediatric to the Adult Care Settings

The purpose of this funding opportunity announcement (FOA) is to solicit applications on transition of HIV-infected youth to adult care with the goal of developing an evidence base to support guidelines applicable to low, middle, and high income countries. *Eunice Kennedy Shriver* National Institute of Child Health and Human Development

Application Receipt Date(s): January 14, 2016

[RFA-AT-16-005 \(R61/R33\)](#)

Phased Innovation Award for Mechanistic Studies to Optimize Mind and Body Interventions in NCCIH High Priority Research Topics

The purpose of this FOA is to encourage the use of a phased research approach to strengthen our understanding and utilization of the underlying mechanisms and processes associated with mind and body interventions. This FOA will support two-phased research applications to (1) uncover the underlying biological, neurological, physiological, and/or behavioral mechanisms or processes relevant to mind and body interventions (e.g. meditation, spinal manipulation, massage, yoga, tai chi, hypnosis, acupuncture) and then, (2) to utilize the results from the initial phase to improve, refine, enhance, or strengthen the identified mechanisms or processes through either rigorous validation and refinement of the intervention, or using combined approaches that, together, will modulate the underlying mechanism or process.

Application Due Date: January 15, 2016

[RFA-AT-16-006 \(R33\)](#)

Innovation Award for Mechanistic Studies to Optimize Mind and Body Interventions in NCCIH High Priority Research Topics

The purpose of this FOA is to strengthen our understanding and utilization of the underlying mechanisms and processes associated with mind and body interventions. This FOA will support mechanistic studies of complementary or integrative mind and body interventions in human subjects (e.g. meditation, spinal manipulation, massage, yoga, tai chi, hypnosis, acupuncture). Studies supported by this FOA will utilize the results from prior mechanistic studies to improve, refine, enhance, or strengthen the proposed mechanisms or processes through rigorous validation and refinement of the intervention, or using combined approaches that, together, will modulate the underlying mechanism or process.

Application Due Date: January 15, 2016

[RFA-HL-16-012 \(UM1\)](#)

Household Air Pollution (HAP) Health Outcomes Trial

This FOA seeks applications for a cooperative agreement research grant to conduct a clinical trial across three or more Low and Middle Income Country settings to test improved stove and fuel interventions on health outcomes in exposed populations. In addition, each application must include a biomarker center element for the development and validation of clinical, physiological, chemical, biochemical and/or microbiological markers of: a) exposure, and b) pathophysiological responses.

Application Due Date: January 19, 2016

February 2016 Due Dates

[RFA-CA-15-024 \(UG3/UH3\)](#)

Cancer Detection, Diagnosis, and Treatment Technologies for Global Health

This FOA supports the development of cancer-relevant technologies suitable for use in low- and middle-income countries (LMICs). Specifically, the FOA solicits applications for projects to adapt, apply, and validate existing or emerging technologies into a new generation of user-friendly, low-cost technologies for imaging, detecting, diagnosing, preventing, and/or treating cancers in humans living in LMICs.

Application Due Date: February 9, 2016

[RFA-DK-15-025 \(DP3\)](#)

Mechanisms Underlying the Contribution of Type 1 Diabetes Risk Associated Variants

This FOA encourages research project grant applications for projects to characterize the genetic variations in human genomic regions that have been putatively associated with type 1 diabetes (T1D) and conduct follow-up functional studies of particular genetic variants. Additional work to identify causal genes and potential causal variants and elucidate the mechanisms whereby changes in the function or regulation of these genes are likely to provide crucial new insights into disease pathogenesis are also encouraged.

Application Receipt Date(s): February 17, 2016

[RFA-DK-15-030 \(DP2\)](#)

Type 1 Diabetes Pathfinder Award

The goal is to support a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research relevant to type 1 diabetes and its complications.

Application Receipt Date(s): February 17, 2016

March 2016 Due Dates

[RFA-DK-15-019 \(DP3\)](#)

Research Using Biosamples and Subjects from Type 1 Diabetes Clinical Studies – Complications

This FOA invites applications for studies on the complications of type 1 diabetes using subjects and/or samples from clinical studies on type 1 diabetes.

Application Due Date: March 3, 2016

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

The following four FOAs are a component of the NCI's Informatics Technology Cancer Research Initiative:

[PAR-15-331 \(U24\)](#)

Advanced Development of Informatics Technologies for Cancer Research and Management

This FOA focuses on emerging informatics technology, defined as one that has passed the initial prototyping and pilot development stage, has demonstrated potential to have a significant and broader impact, has compelling reasons for further improvement and enhancement, and has not been widely adopted in the cancer research field.

[PAR-15-332 \(U01\)](#)

Early-Stage Development of Informatics Technologies for Cancer Research and Management

This FOA focuses on early-stage development from prototyping to hardening and adaptation. Early-stage development is defined for the purpose of this FOA as the initial development or the significant modification of existing tools for new applications.

[PAR-15-333 \(U24\)](#)

Sustained Support for Informatics Resources for Cancer Research and Management

This FOA focuses on supporting activities necessary for improved user experience and availability of existing, widely-adopted informatics tools and resources.

[PAR-15-334 \(R21\)](#)

Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management

This FOA encourages applications focused on the development of novel computational, mathematical, and statistical algorithms and methods that can considerably improve acquisition, management, analysis, and dissemination of relevant data and/or knowledge.

Application Due Dates: November 20, 2015; June 14, 2016; November 21, 2016; June 14, 2017; November 20, 2017; June 14, 2018

[PAR-15-352 \(T03\)](#)

Occupational Safety and Health Training Project Grants (TPGs)

This FOA invites applications for Training TPGs that are focused on occupational safety and health training. The majority of TPGs are in academic institutions that provide high quality training in the core occupational safety and health disciplines of industrial hygiene (IH), occupational health nursing (OHN), occupational medicine residency (OMR), occupational safety (OS), as well as closely related allied disciplines.

Application Due Dates: December 1, 2015; October 26, 2016; October 26, 2017; October 26, 2018; October 24, 2019

[PAR-15-358 \(R01\)](#)

Capturing Complexity in the Molecular and Cellular Mechanisms Involved in the Etiology of Alzheimer's Disease

This FOA supports innovative research focused on understanding the molecular and cellular mechanisms underlying the heterogeneity and multifactorial nature of Alzheimer's disease (AD) with the potential to create new or challenge existing scientific paradigms.

Application Due Dates: December 10, 2015, followed by standard due dates
Expiration Date: September 8, 2018

[PAR-15-348 \(R01\); PAR-15-351 \(R21\)](#)

Research on Informal and Formal Caregiving for Alzheimer's Disease

This FOA invites applications for research on caregiving for individuals with Alzheimer's disease (AD), at the individual, family, community, and population level. This funding opportunity includes support for applications that propose the following: early-stage development of interventions to reduce caregiver burden and improve patient outcomes across various settings; population- and community-based research on the scope and impact of AD caregiving; improved characterization of informal and formal caregiving and the burden of caregiving across the full spectrum of the disease, including differences among socioeconomic, racial/ethnic and geographic sub-populations; and research addressing the unique challenges related to the provision of advanced AD care, including disparities in access to care.

Application Due Dates: R01 – December 11, 2015, followed by standard due dates
R21 – December 17, 2015, followed by standard due dates

Expiration Date: September 8, 2018

[PAR-15-349 \(R01\)](#)

Health Disparities and Alzheimer's Disease

This FOA invites applications proposing to study health disparities in Alzheimer's disease (AD) and related disorders. Research approaches of interest include 1) improving recruitment and retention of populations underrepresented in AD research, 2) identifying priority factors or locating pathways and mechanisms that create and sustain AD health disparities, 3) addressing the challenges faced by informal/family caregivers from diverse racial, ethnic and socioeconomic backgrounds that are associated with the growing population of individuals with Alzheimer's Disease, and 4) understanding the disparities in access to and utilization of formal long-term supports and services for those with dementia.

Application Due Dates: December 11, 2015, followed by standard due dates
Expiration Date: September 8, 2018

[PAR-15-356 \(R01\)](#)

Major Opportunities for Research in Epidemiology of Alzheimer's Disease and Cognitive Resilience

This FOA encourages applications addressing the epidemiology of Alzheimer's disease (AD) as well as protective factors for cognitive health and resilience. NIA especially encourages projects or revisions to projects that propose: augmenting existing longitudinal cohort studies; enabling precision medicine for AD; enhancing the power of multi-ethnic cohort studies; exploring trends in the risk of AD and their explanation via putative risk and protective factors; collecting and sequencing DNA samples from well-characterized cases and controls; electronic archiving of cohort studies; harmonizing complex data sets relevant to AD; and harmonizing dementia assessment to enhance cross-national comparisons.

Application Due Dates: December 11, 2015, followed by standard due dates
Expiration Date: September 8, 2018

[PAR-16-364 \(R01\)](#)

Phase III Clinical Trials for the Spectrum of Alzheimer's Disease and Age-related Cognitive Decline

This FOA encourages grant applications that propose to develop and implement Phase III clinical trials of promising pharmacological and non-pharmacological interventions in individuals with age-related cognitive decline and across the Alzheimer's disease spectrum from pre-symptomatic to more severe stages of disease.

Application Due Dates: December 11, 2015, followed by standard due dates
Expiration Date: September 8, 2018

[PAR-15-359 \(R01\)](#)

Novel Approaches to Diagnosing Alzheimer's Disease (AD) & Predicting Progression

This FOA encourages research applications to identify novel biomarkers to diagnose AD and to predict clinical course. This FOA is not intended to validate a new biomarker, but rather to establish proof of concept.

Application Due Dates: December 11, 2015, followed by standard due dates

Expiration Date: September 8, 2018

[PAR-15-357 \(R01\)](#)

Understanding Alzheimer's Disease in the Context of the Aging Brain

The goal of this FOA is to establish the role and impact of brain aging in the development and progression of Alzheimer's disease (AD). Comprehensive and integrative characterization of brain aging will help to define the mechanisms underlying the shift from healthy brain aging to the neuropathological processes of AD, knowledge that is critical for the design and development of effective interventions.

Application Due Dates: December 16, 2015, followed by standard due dates

Expiration Date: September 8, 2018

[PAR-16-365 \(R01\)](#)

Pilot Clinical Trials for the Spectrum of Alzheimer's Disease and Age-related Cognitive Decline

This FOA invites applications that propose to develop and implement Phase I or II clinical trials of promising pharmacological and non-pharmacological interventions in individuals with age-related cognitive decline and in individuals with Alzheimer's disease (AD) across the spectrum from pre-symptomatic to more severe stages of disease, as well as to stimulate studies to enhance trial design and methods.

Application Due Dates: December 16, 2015, followed by standard due dates

Expiration Date: September 8, 2018

[PAR-15-350 \(R03\)](#)

Emerging Directions for Addressing Health Disparities in Alzheimer's Disease (AD)

This FOA invites applications proposing to study health disparities AD and related disorders. The goals of this FOA are to 1) leverage data from existing cohorts or other studies to do secondary analyses focused on health disparities in AD; 2) develop improved measures for collection of data on health disparities research related to AD; 3) compare practices in community outreach, engagement and participatory research for a variety of populations; 4) develop improved recruitment and retention strategies and approaches for a variety of populations.

Application Due Dates: December 17, 2015, followed by standard dates

Expiration Date: September 8, 2018

[PAR-15-361 \(U19\)](#)

NIOSH Centers of Excellence for Total Worker Health® (TWH)

NIOSH's TWH Program supports research that addresses the implications of today's changing workplace and responds to demands for information and practical solutions to the health, safety, and well-being challenges that workers face. TWH is defined as policies, programs and practices that integrate protection from work-related safety and health hazards with promotion of injury and illness prevention efforts to advance worker well-being.

Application Due Dates: December 17, 2015; November 30, 2016; November 30, 2017; November 30, 2018, November 29, 2019

[PAR-16-363 \(U10\)](#)

Multi-Site Randomized Controlled Clinical Trial Research Center on Alcohol's Health Effects

This FOA invites Cooperative Agreement applications for implementation of investigator-initiated randomized controlled clinical trials on alcohol's effects on neurological diseases, most especially stroke, and the health issues that are associated with aging. Applicants for the U10 Clinical Trial Implementation Cooperative Agreement must be able to begin the trial without further planning activities when the U10 is awarded. Therefore, investigators who have already completed planning activities through an NIAAA-funded U34 clinical trial planning grant are expected to apply.

Application Due Date: January 12, 2016

[PAR-15-344 \(R03\)](#)

NIDCR Small Research Grants for Oral Health Data Analysis and Statistical Methodology Development

This FOA supports meritorious research projects that involve secondary data analyses of existing oral or craniofacial database resources, or to develop needed statistical methodology for analyzing oral and craniofacial data using existing oral or craniofacial databases.

Application Due Dates: Standard dates apply

Expiration Date: September 8, 2018

[PAR-15-343 \(R03\)](#)

Limited Competition: Small Grant Program for NIDDK K01/K08/K23 Recipients

NIDDK announces a program that provides NIDDK-supported K01, K08, and K23 recipients the opportunity to apply for R03 support at some point during the final two years of their K award. The R03 grant mechanism supports different types of projects, including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

Application Due Dates: Standard dates apply

Expiration Date: September 8, 2018

[PAR-15-346 \(R01\)](#)

Time-Sensitive Obesity Policy and Program Evaluation

This FOA supports time-sensitive research to evaluate a new policy or program that is likely to influence obesity related behaviors (e.g., dietary intake, physical activity, or sedentary behavior) and/or weight outcomes in an effort to prevent or reduce obesity. All applications to this FOA must demonstrate that the evaluation of an obesity related policy and /or program offers an uncommon and scientifically compelling research opportunity that will only be available if the research is initiated with minimum delay.

Application Due Dates: Multiple dates, please see FOA

NIH Funding Opportunities: Program Announcements (PA)

[PA-15-339 \(R01\)](#)

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

Application Due Dates: Standard dates apply

Expiration Date: March 6, 2018

[PA-15-354 \(R43/R44\)](#)

SBIR Technology Transfer

Application Due Dates: Standard dates apply

Expiration Date: September 6, 2018

[PA-15-290 \(R03\)](#)

AIDS-Science Track Award for Research Transition

Application Due Dates: Standard dates apply

Expiration Date: September 8, 2018

Foundation Funding Opportunities

Bill & Melinda Gates Foundation

Grand Challenges Explorations is now accepting grant proposals for the following challenges:

- Novel Approaches to Characterizing and Tracking the Global Burden of Antimicrobial Resistance
- Explore New Solutions in Global Health Priority Areas
- Addressing Newborn and Infant Gut Health Through Bacteriophage-Mediated Microbiome Engineering
- Explore New Ways to Measure Delivery and Use of Digital Financial Services Data

Initial grants will be \$100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to \$1 million.

Application Due Date: November 11, 2015

[Grand Challenges Explorations](#)

*“To create more positive results in your life,
replace ‘if only’ with ‘next time’.”*

Author Unknown

