

SPHHP Research Activities Newsletter

University at Buffalo

April 2017

In the News

Congratulations to the Following Awardees!



Daniel Gaile, Assistant Professor of Biostatistics, is Co-I on a new award (PI: Chong Cheng, Chemical and Biological Engineering) from the National Institute of Biomedical Imaging and Bioengineering/NIH for the project entitled *Synthetic Biodegradable Zwitterionic Polymers*. The project seeks to develop multifunctional biodegradable co-delivery nanocarriers which can enable not only high and quantitative loadings of drugs and genes through noncompetitive processes but also sustained release of the respective therapeutics.



Lucia Leone, Assistant Professor of Community Health and Health Behavior, is PI on a new award from Field and Fork/ U.S.D.A for the project entitled *Double Up Food Bucks New York State: Increasing Access to Fresh Healthy Foods*. The project seeks to identify resources and gaps in relation to improving food access for individuals with limited income and/or access to healthy food.



Chang-Xing Ma, Associate Professor of Biostatistics, is Co-I on a new award (PI: James Fallavollita, Medicine) from the National Heart, Lung, and Blood Institute/NIH for the project entitled *PAREPET II, Prediction of ARrhythmic Events with Positron Emission Tomography II*. The study seeks preliminary data for a prospective trial to test whether primary prevention implantable cardiac defibrillator can be safely withheld in subjects predicted to be at very low risk of sudden cardiac arrest.



Ekaterina Noyes, Professor of Epidemiology & Environmental Health, is PI on a new award from the University of Rochester/NHLBI, for the project entitled *School-Based Telemedicine Enhanced Asthma Management (SB-TEAM)*. Dr. Noyes will conduct a cost effectiveness evaluation for the study, which utilizes a novel, web-based communication system, school-based directly observed therapy of preventive medications, and ongoing monitoring and tailoring of therapy using telemedicine to facilitate guideline-based asthma care for children.



Gregory Wilding, Professor and Interim Chair of Biostatistics, is Co-I on UB's National Center for Advancing Translational Sciences/NIH continuation award (PI: Timothy Murphy, Medicine) for the project entitled *Buffalo Clinical and Translational Research Center*. Dr. Wilding will serve as head of the Biostatistics, Epidemiology and Research Design (BERD) Core, which offers a range of educational and training opportunities that are responsive to the needs and schedules of faculty, trainees and research staff.



Joshua Gordon, MD/PhD student in the Medical Scientist Training Program, Dept. of Epidemiology and Environmental Health, received a continuation of his fellowship award from the National Heart, Lung, and Blood Institute/NIH for the project entitled *Epidemiologic Evaluation of Risk Factors for Hypertension in Postmenopausal Women: Periodontal Disease, the Oral Microbiome, and Systemic Inflammation*. The project will continue to examine whether the systemic inflammation associated with periodontal disease, edentulism (the complete absence of teeth), and the composition of the oral microbiome is associated with the risk of incident hypertension in postmenopausal women.

Jean Wactawski-Wende, Dean of SPHHP and Professor of Epidemiology and Environmental Health, serves as faculty sponsor.

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Grant Clinic

[NOT-DA-17-013](#)

NIDA Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Notice: Programmatic Priorities

NIDA emphasizes its need to discover, develop and clinically evaluate medications to treat substance use disorders (SUDs). Specifically, this Notice underscores the high programmatic priority given to research that seeks to achieve this goal in the following ways: 1) development of innovative technologies, methods or tools; 2) application of emerging and existing technologies and platforms for SUD medication development with the focus on products with the potential to minimize drug seeking, compulsive behavior.

[NOT-OD-17-050](#)

Reporting Preprints and Other Interim Research Products

In response to a recent Request for Information ([NOT-OD-17-006](#)), the NIH has released a Notice to offer guidance and additional information on the use of preprints to disseminate and enhance the rigor of an investigator's work. A preprint, is a complete and public draft of a scientific document and are typically unreviewed manuscripts written in the style of a peer-reviewed journal article.

[NOT-AT-17-009](#)

Notice of Informational Webinars for Investigators Applying for NCCIH Clinical Trials

NCCIH has issued a series of clinical trial FOAs for interventional clinical trials for Natural Products studies and for Mind and Body studies (see: <https://nccih.nih.gov/grants/funding/clinicaltrials>). The webinars will include an overview of the research grant submission process, in-depth discussion of the FOAs for clinical trials, and how the peer-review process is being crafted to address criteria especially for clinical trials. Pre-registration is required: [Clinical Trial FOAs Webinar](#)

New NCCIH Funding Opportunities for Natural Products Clinical Trials

Date: **Tuesday, May 9, 2017** Time: 2:00 – 3:30 p.m. ET

Funding Opportunities: University at Buffalo

[The OVPRED Grant Resubmission Award Program](#) accepts applications on a rolling basis from faculty who need additional funds to enhance the competitiveness of their revised applications for research funding. This program will provide up to \$15,000 to help faculty to enhance applications that were reviewed favorably, but did not receive a score low enough to achieve funding (i.e., Impact Score \leq 40 or a percentile ranking in the top 30 percentile for an NIH application). If you have a well-scored application, please contact Lorraine Collins (lcollins@buffalo.edu) to discuss/strategize about next steps.

[UB's Institute on Research and Education in Energy, Environment and Water \(RENEW\)](#) seeks to promote interdisciplinary research activities to position UB as a global leader in select areas of Energy, Environment and Water. The institute's overarching goal is to advance Energy, Water and Environmental Sustainability as a foundation for a Regenerative Economy. This will be accomplished via research and education in focus areas of Next-Generation Materials for Energy, Environment & Water; Sustainable Urban Environments; Freshwater Coastal Ecosystems and Blue Economy; Environmental Exposures, Genomes and Health; and Climate Change & Socio-Economic Impacts. Awards are up to \$35,000 for one year.

Application Due Date: May 31, 2017

The Community for Global Health Equity (CGHE) will hold an [Air Quality Ideas Lab](#), the theme of which is *Take a deep breath—clean air in the first 1,000 days of life*. CGHE is looking for faculty passionate about the health and wellbeing of the youngest members of society; no prior experience with air quality or low-to-middle income countries is required. Faculty will bring their varied disciplinary perspectives and experiences to come up with innovative approaches to the problem of measuring air quality or its health impacts, or delivering effective interventions to improve air quality for pregnant women and young children. The award will provide \$50,000 in seed funding.

Application Due Date: May 15, 2017

[The Genome, Environment and Microbiome \(GEM\) Community of Excellence](#) is accepting proposals for the third round of pilot projects. GEM seeks innovative proposals that will lead to funded research to: (a) advance our mechanistic understanding of the function and/or regulation of the genome or genomic elements; (b) advance our mechanistic understanding of components of and interactions among microbiome communities or of the role of the microbiome in health outcomes; (c) expand our understanding of functional interactions between microbiome communities and host genomes. This may include interactions with the human genome. Pilot grants are funded up to \$50,000.

Application Due Date: May 19, 2017

NIH Funding Opportunities: Limited Submissions

UB prior approval is required for the following funding opportunities. If you are interested in applying to any of the **limited submissions** listed below, please provide the OVPRED with notification through the [Limited Submissions Mail-box](#) at least 60 days prior to the sponsor's submission deadline before proceeding with an application. The limited submission program is managed by Dr. Kenneth Tramposch on behalf of the OVPRED. He may be contacted at kmt1@buffalo.edu or by phone at 645-3321 for any questions or advice about the limited submission process.

[PAR-17-209 \(R25\)](#)

Research Education: Bridges to the Doctorate

The over-arching goal of this National Institute of General Medical Sciences program is to support educational activities that enhance the diversity of the biomedical research workforce. This FOA will support creative educational activities with a primary focus on *Courses for Skills Development* and *Research Experiences*. The Bridges to Doctorate Program is intended for Master's level students to increase transition to and completion of Ph.D.'s in biomedical sciences. *Only one application per institution is allowed.*

Application Due Dates: September 25, 2017; September 25, 2018

[PAR-17-210 \(R25\)](#)

Bridges to the Baccalaureate Program

The over-arching goal of this program is to support educational activities that enhance the diversity of the biomedical research workforce. This FOA will support educational activities with a primary focus on *Courses for Skills Development*, *Research Experiences*, and *Curriculum or Methods Development*. The Program is intended to provide these activities to community college students to increase transition to and completion of Bachelor's degree in biomedical sciences degree. *Only one application per institution is allowed.*

Application Due Dates: September 25, 2017; September 25, 2018

[PAR-17-051 \(R25\)](#)

Post Baccalaureate Research Education Program (PREP)

This FOA will support creative educational activities with a primary focus on *Research Experiences and Courses for Skills Development*. Applications are encouraged from research-intensive institutions that propose to equip recent baccalaureate science graduates from diverse backgrounds underrepresented in biomedical sciences with the necessary knowledge and skills to pursue Ph.D. degrees in these fields. *Only one application per institution is allowed.*

Application Due Dates: January 24, 2018; and January 24, 2019

[PAR-17-053 \(R25\)](#)

Research Education: Initiative for Maximizing Student Development (IMSD) Program

The over-arching goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on research experiences and courses for skills development. *Only one application per institution is allowed.*

Application Due Dates: January 26, 2018; January 28, 2019

[PAR-17-159 \(R01\)](#)

Data Science Research: Personal Health Libraries for Consumers and Patients

The National Library of Medicine seeks applications for novel informatics and data science approaches that can help individuals gather, manage and use data and information about their personal health. A goal of this program is to advance research and application by patients and the research community through broadly sharing the results via publication, and through open source mechanisms for data or resource sharing. *Only one application per institution is allowed.*

Application Due Dates: March 19, 2018

[RFA-ES-17-003 \(P30\)](#)

Environmental Health Sciences Core Centers (EHS CC)

This FOA invites grant applications for EHS CC. The broad overall goal of an EHS CC is to identify and capitalize on emerging issues that advance improving the understanding of the relationships among environmental exposures, human biology, and disease. The EHS CC supports community engagement and translational research as key approaches to improving public health. The Core Centers provide critical research infrastructure, shared facilities, services and /or resources, to groups of investigators conducting environmental health sciences research. *Only one application per institution is allowed.*

Application Due Dates: April 17, 2018, April 17, 2019

[PAR-16-361 \(R25\)](#)

Research Initiative for Scientific Enhancement (RISE)

This FOA will support creative educational activities with a primary focus on research experiences and **courses for skills development**. Applicants should directly address how the set of activities will enhance the diversity of the biomedical, behavioral and clinical research workforce by discussing 1) the rationale underlying the balance of effort and resources dedicated to each activity; 2) how the three activities integrate; and 3) objective indicators that can measure the effectiveness of the program. *Only one application per institution is allowed.*

Application Due Dates: May 25, 2018

NIH Funding Opportunities: Requests for Applications (RFA)

May Due Dates

[RFA-CA-17-023 \(R33\)](#)

Integration and Validation of Emerging Technologies to Accelerate Cancer Research

The purpose of this FOA is to promote research on the advanced development and rigorous validation of new enabling technologies/tools/capabilities with a transformative potential for cancer research and clinical oncology. Specifically, this FOA targets the following four areas designated as scientific priorities: 1) Enhanced experimental and analytical capabilities addressing complexities of cancer development; 2) New capabilities advancing precise clinical diagnosis of cancer patients; 3) Novel predictive *ex vivo* and/or *in silico* modeling approaches; and 4) New technologies/approaches to improve biospecimen and data quality.

Application Due Date: May 10, 2017

[RFA-HS-17-010 \(U18\)](#)

Consumer Assessment of Healthcare Providers and Systems V

The purpose of this RFA is to continue the work of the Consumer Assessment of Healthcare Providers and Systems (CAHPS) program which AHRQ began in 1995. Specifically, this RFA solicits research to be performed within five broad areas: a) Advancing the science of consumer assessment of patient experience; b) Continued innovation to ensure relevance to health services delivery and survey best practices; c) Reporting patient experience data; d) Quality improvement (QI) studies; and e) Developing internal and external program communication strategies.

Application Due Date: May 26, 2017

June Due Dates

[RFA-AG-18-001 \(U24\)](#)

NIA Research Centers Coordinating Network

The purpose of this FOA is to support an initial series of activities over a 3-year period to build the foundation for enhanced collaborations across NIA's 6 centers programs. This opportunity will provide resources to build additional infrastructure and establish specific collaborative activities that could include, but are not limited to, information and data exchange, meetings and conferences, pilot studies, research opportunities for beginning investigators, visiting scholar programs, dissemination, and other collaborative efforts.

Application Due Date: June 8, 2017

[RFA-HL-18-003 \(R61/R33\)](#)

Sex Hormone Induced Thromboembolism in Pre-Menopausal Women

The purpose of this FOA is to support studies to evaluate the effect of sex hormones and sex hormone-based therapies on thrombus formation in pre-menopausal women. The primary objective is to generate research that will elucidate the mechanisms by which female sex hormones and sex hormone-based therapies can increase the risk of venous and arterial thromboembolism in pre-menopausal women.

Application Due Date: June 20, 2017

[RFA-DA-18-005 \(R21/R33\)](#)

Expanding Medication Assisted Treatment for Opioid Use Disorders in the Context of the SAMHSA Opioid STR Grants

This FOA solicits applications proposing to test approaches for expanding medication assisted treatment (MAT) for opioid use disorder (OUD) in the general health care sector or linking individuals with OUDs who receive naloxone for the reversal of overdose to MAT in the context of states' plans for use of the funds authorized under the 21st Century Cures Act.

Application Due Date: June 20, 2017

[RFA-ES-17-005 \(R01\)](#)

Environmental Influences on Placental Origins of Development (ePOD)

The ePOD program aims to accelerate multidisciplinary research projects studying the effects of environmental chemicals on placental physiology, endocrine and metabolic functions, as well as subsequent effects on child health. Therefore, this initiative will support projects that use a combination of animal/cell models and non-invasive human placenta tissues or biomarkers from existing human studies to comparatively investigate placental exposures, and to gain a better mechanistic understanding of the effects of environmental exposures on early stage placental health and the subsequent effects on the health of offspring.

Application Due Date: June 30, 2017

July Due Dates

[RFA-CA-17-024 \(R44\)](#)

Technologies, Interventional Devices, Diagnostics, and Prognostics Toward Commercialization

This FOA solicits SBIR applications from small business concerns that seek additional funding to support the next stage of development for projects that were previously funded under SBIR or STTR Phase II awards from any Federal agency. Projects proposed in response to this FOA must be applicable to one of the following areas: (1) cancer therapeutics; (2) cancer imaging technologies, interventional devices, and/or *in vivo* diagnostics; or (3) *in vitro* and *ex vivo* cancer diagnostics and prognostics.

Application Due Date: July 6, 2017

[RFA-OD-17-006 \(U54\)](#)

Tobacco Centers of Regulatory Science for Research Relevant to the Family Smoking Prevention and Tobacco Control Act

The purpose of this FOA is to invite applications for Tobacco Centers of Regulatory Science (TCORS) to support biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Research results from this FOA are expected to generate findings and data that are directly relevant in informing the FDA's regulation of the manufacture, distribution, and marketing of tobacco products to protect public health.

Application Due Date: July 19, 2017

[RFA-AG-18-002 \(P30\)](#) **Alzheimer's-related Resource Centers for Minority Aging Research (Center Core Grant)**

[RFA-AG-18-003 \(P30\)](#) **Resource Centers for Minority Aging Research (Center Core Grant)**

[RFA-AG-18-004 \(R24\)](#) **Resource Centers for Minority Aging Coordinating Center (Resource-related research project)**

The focus of this program is on priority areas of social, behavioral, and economic research on the processes of aging at the individual or societal level and supports research at multiple levels from genetics to cross-national comparative research, and at stages from basic through translational, with the goal to improve the health, well-being, function, and independence of older Americans. The new cycle will expand the scientific scope of the program to encourage research on any theme addressed in the [National Institute on Aging Strategic Plan](#).

Application Due Date: July 20, 2017

October Due Dates

[RFA-DK-16-005 \(R01\)](#)

Identification of Mechanisms Mediating the Effects of Sleep on Diabetes-Related Metabolism in Humans

This FOA invites applications which propose in-depth metabolic phenotyping in carefully selected clinical populations to determine how changes in sleep (improvements or disruptions) influence diabetes-related metabolism. Applications should systematically test a physiological model with the goal of elucidating possible mediators of the reported effects of sleep on glucose metabolism. Applications that propose therapeutic interventions to improve sleep and determine the consequences on diabetes-related metabolism must have preliminary data demonstrating that the proposed method for improving sleep is actually efficacious.

Application Due Dates: October 11, 2017

December Due Dates

[RFA-HL-18-004 \(R01\)](#)

Integrated Approaches to HIV-Related Heart, Lung, Blood, and Sleep (HLBS) Comorbidities

This FOA invites applications that propose "systems biology" approaches using clinical samples from HIV-infected patients to elucidate the biological perturbations associated with HIV-related heart, lung, blood, and sleep (HLBS) comorbidities. The ultimate goal is to better understand disease progression, which may help identify new therapeutic targets that pre-empt the onset of HLB diseases and sleep disorders in the HIV population.

Application Due Dates: December 15, 2017

Multiple Due Dates

[RFA-MH-17-604 \(R61/R33\)](#) - **Development of Psychosocial Therapeutic and Preventive Interventions for Mental Disorders**

[RFA-MH-17-606 \(R33\)](#) - **Development of Psychosocial Therapeutic and Preventive Interventions for Mental Disorders**

The purpose of these FOAs is to support the efficient pilot testing of novel psychosocial therapeutic and preventive interventions for mental disorders in adults and children, using an experimental therapeutics approach. These FOAs support the development and testing of innovative psychosocial intervention approaches where the target and/or the intervention strategy is novel.

Application Due Dates: June 14, 2017; October 17, 2017; February 14, 2018; June 15, 2018; October 15, 2018

[RFA-MH-17-610 \(Collaborative R01\)](#)

Clinical Trials to Test the Effectiveness of Treatment, Preventive, and Services Interventions

This FOA supports clinical trials designed to test the therapeutic value of treatment and preventive interventions for which there is already evidence of efficacy. Applications might include research to evaluate the effectiveness or increase the clinical impact of pharmacologic, somatic, psychosocial (psychotherapeutic, behavioral), device-based, rehabilitative and combination interventions to prevent or treat mental illness.

Application Due Dates: June 14, 2017; October 17, 2017; February 14, 2018, June 15, 2018, October 15, 2018

[RFA-MH-17-612 \(R34\)](#)

Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions

This FOA encourages pilot research consistent with [NIMH's priorities](#) for: 1) effectiveness research on preventive and therapeutic interventions with previously demonstrated efficacy, for use with broader target populations or for use in community practice settings, and 2) research on the development and preliminary testing of innovative services interventions.

Application Due Dates: June 14, 2017; October 17, 2017; February 14, 2018, June 15, 2018, October 15, 2018

[RFA-MH-18-200 \(R01\)](#)

NIMH Biobehavioral Research Awards for Innovative New Scientists(NIMH BRAINS)

This award is intended to support the research and research career advancement of outstanding, exceptionally productive scientists who are in the early, formative stages of their careers and who plan to make a long term career commitment to research in specific mission areas of the NIMH. The NIMH BRAINS program will focus on the research priorities and gap areas identified in the [NIMH Strategic Plan](#) and the [Research Domain Criteria \(RDoC\)](#) project.

Application Due Dates: June 20, 2017; June 20, 2018; June 20, 2019

[RFA-CA-17-017 \(R01\); RFA-CA-17-018 \(R21\)](#)

Research Answers to NCI's Provocative Questions

The purpose of these FOAs are to support research projects designed to solve specific problems and paradoxes in cancer research identified by the National Cancer Institute (NCI) Provocative Questions initiative. The current PQ Initiative includes an updated set of 12 PQs, which are listed in the FOAs. Each research project proposed must be focused on addressing one particular research problem defined by one specific PQ selected from the list.

Application Due Dates: June 28, 2017; October 30, 2017; June 28, 2018; October 30, 2018

[RFA-DA-18-003 \(UG3/UH3\)](#)

NIDA Translational Avant-Garde Award for Development of Medication to Treat Substance Use Disorders

The purpose of this award is to support outstanding basic and/or clinical researchers with the vision and expertise to translate research discoveries into medications for the treatment of Substance Use Disorders (SUDs) stemming from tobacco, cannabis, cocaine, methamphetamine, heroin, or prescription opiate use. Eligible applicants must demonstrate the ability to develop molecules with the potential to treat SUDs and advance them in the drug development continuum.

Application Due Dates: July 25 2017; July 25, 2018; and July 25, 2019

[RFA-DA-18-001 \(DP1\)](#)

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

The NIDA Avant-Garde Award Program for HIV/AIDS Research supports individual scientists of exceptional creativity who propose high-impact 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 31, 2017; July 31, 2018 and July 31, 2019

[RFA-DA-18-002 \(R01\)](#)

Advancing Exceptional Research on HIV/AIDS and Substance Abuse

This FOA supports highly innovative applications on HIV/AIDS and drug 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. Applications are required to have a detailed research plan and preliminary data.

Application Due Dates: August 22, 2017; August 22, 2018; August 22, 2019

[RFA-ES-16-004 \(R24\)](#)

Maintain and Enrich Resource Infrastructure for Existing Environmental Epidemiology Cohorts

This FOA solicits grant applications to provide support for the maintenance of existing environmental epidemiology cohorts and their associated biorepositories; for the collection or development of additional measures; to facilitate follow-up of study participants especially during key windows of susceptibility, and to provide a structure to facilitate broader sharing of data and resources with the scientific community. The scope of the application must address a critical research need and strategic interest that aligns with the mission of the NIEHS.

Application Due Dates: October 10, 2017; October 10, 2018

[RFA-HL-17-022 \(R21\)](#)

Maximizing the Scientific Value of the NHLBI Biorepository: Scientific Opportunities for Exploratory Research

This FOA will support meritorious exploratory research relevant to [the NHLBI mission](#) using the existing biospecimen collections that are stored in the NHLBI Biologic Specimen Repository (Biorepository), thereby maximizing the scientific value of the stored collections and providing researchers with an opportunity to generate preliminary data for subsequent research proposals.

Application Due Dates: October 17, 2017; February 15, 2018; October 17, 2018; February 15, 2019;
October 17, 2019

[RFA-DA-18-004 \(DP2\)](#)

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 research approaches, both basic and clinical, which have the potential to benefit substance using populations with or at risk for HIV/AIDS by reducing HIV incidence, improving therapies for HIV, reducing the impact of comorbid conditions, and ultimately, eradicating HIV. The nexus with drug abuse should be clearly described.

Application Due Dates: Nov 13, 2017; Nov 13, 2018, Nov 13, 2019

[RFA-ES-16-005](#)

Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences

This FOA is intended to support environmental health research in which an unpredictable event provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation is to understand the consequences of natural and man-made disasters or emerging environmental public health threats in the U.S. and abroad. A distinguishing feature of an appropriate study is a shortened timeframe from submission to award, achieved by more frequent application due dates and expediting peer review, council concurrence and award issuance. The entire cycle is expected to be within 3-4 months.

Application Due Dates: Multiple due dates, please see FOA

[RFA-OD-17-004 \(U01\); RFA-OD-17-055 \(U24\)](#)

Intensive Longitudinal Analysis of Health Behaviors: Leveraging New Technologies to Understand Health Behaviors

The goal of these FOAs is to support Research Projects studying factors that influence key health behaviors at the individual level, using intensive longitudinal data collection and analytic methods. The network will also assess how study results can be leveraged to introduce innovations into longstanding behavioral theories to advance the field of theory-driven behavior change interventions.

Application Due Dates: Standard dates apply

Expiration Date: January 8, 2018

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

[PAR-17-228 \(R24\)](#)

Resource-Related Research Products in the Epidemiology and Prevention of Pediatric Injury

This FOA invites applications to develop research resources for furthering research in the scientific area of epidemiology and/or prevention of childhood injuries. Consistent with the research priorities of the Pediatric Trauma and Critical Illness Branch and the portfolio on Injury Prevention, Trauma and Emergency Care, the research resource should focus on areas most likely to cause death or disability, including, but not limited to, motor vehicle crashes, firearms, poisonings, drowning, self-injurious behavior, fires, burns, and suffocation.

Application Due Dates: June 19, 2017; October 23, 2017; June 19, 2018, October 23, 2018, June 19, 2019, October 23, 2019

[PAR-17-234 \(R01\); PAR-17-235 \(R21\)](#)

Mechanisms and Consequences of Sleep Disparities in the U.S.

The purpose of this FOA is to promote exploratory and developmental research to understand the underlying mechanisms of sleep deficiencies among health disparity populations and how sleep deficiencies may lead to disparities in health outcomes.

Application Due Dates: July 11, 2017, July 11, 2018, July 11, 2019

[PAR-17-237 \(P30\)](#)

Centers for AIDS Research (CFAR)

[PAR-17-238 \(P30\)](#)

Developmental Centers for AIDS Research (D-CFAR)

These FOAs invite applications for the CFAR and the D-CFAR programs to provide administrative and shared research support to enhance HIV/AIDS research. CFARs and D-CFARs provide core facilities, expertise, resources, and services not readily obtained otherwise through more traditional funding mechanisms. Additionally, D-CFARs provide support to assist investigators in the development of a competitive standard CFAR. The program emphasizes interdisciplinary collaboration across all areas of HIV/AIDS research.

Application Due Dates: August 1, 2017; August 17, 2018; August 17, 2019

[PAR-17-250 \(R01\); PAR-17-242 \(R21\)](#)

Extracellular Vesicles and Substance Use Disorders

The purpose of this FOA is to encourage research projects that investigate the interplay between extracellular vesicles (EVs) and substance use disorders (SUDs). In particular, NIDA is interested in the potential utility of EVs with respect to understanding neuroplastic mechanisms relevant to SUDs or as biomarkers or therapeutics.

Application Due Dates: August 15, 2017; January 16, 2018; August 15, 2018; January 15, 2019; August 15, 2019; January 15, 2020

[PAR-17-254 \(Si2/R00\)](#)

Lasker Clinical Research Scholars Program

This FOA support the research activities during the early stage careers of independent clinical researchers. The program offers the opportunity for a unique bridge between the NIH intramural and extramural research communities and contains two phases. In the first phase, Lasker scholars will receive appointments for up to 5-7 years as tenure-track investigators within the NIH Intramural Research Program with independent research budgets. In the second phase, successful scholars will receive up to 3 years of NIH support for their research at an extramural research facility; or, the scholar can be considered to remain as an investigator within the intramural program.

Application Due Date: August 25, 2017

[PAR-17-233 \(U01\)](#)

Core Infrastructure and Methodological Research for Cancer Epidemiology Cohorts

The NCI encourages grant applications for support of the core functions of Cancer Epidemiology Cohorts (CECs), as well as methodological research. This FOA is intended to support maintenance of existing CECs infrastructure and resource sharing with broader scientific communities.

Application Due Dates: Standard dates apply

[PAR-17-251 \(P01\)](#)

NINDS Program Project Grant

This FOA invites applications that propose to conduct research to answer significant scientific questions that are important for the mission of NINDS, and is designed to support research in which the funding of several interdependent highly meritorious projects as a group offers significant scientific advantages over support of these same projects as individual research grants.

Application Due Dates: Standard dates apply

[PAR-17-256 \(Collaborative R01\)](#)

Clinical Studies of Mental Illness Not Involving Clinical Trials

This FOA supports collaborative clinical studies, not involving treatment development, efficacy, or effectiveness trials. Primary areas of focus include mental health genetics, biomarker studies, and studies of mental illnesses (e.g., psychopathology, neurodevelopmental trajectories of psychopathology) also when associated with HIV/AIDS.

Application Due Dates: Standard dates apply

NIH Funding Opportunities: Program Announcements (PA)

[PA-17-246 \(R21\)](#)

Health Information Technology (IT) to Improve Health Care Quality and Outcomes

Application Due Dates: Standard dates apply

Expiration Date: July 17, 2019

[PA-17-247 \(U18\)](#)

Implementation and Evaluation of New Health Information Technology Strategies for Collecting and Using Patient-Reported Outcome Measures

Application Due Dates: September 25, 2017; September 25, 2018; September 26, 2019

[PA-17-232 \(K08\)](#)

AHRQ Mentored Clinical Scientist Research Career Development Award

Application Due Dates: Standard dates apply

Expiration Date: July 13, 2022

[PA-17-239 \(R01\); PA-17-243 \(R21\)](#)

Secondary Analysis and Integration of Existing Data to Elucidate the Genetic Architecture of Cancer Risk and Related Outcomes

Application Due Dates: Standard dates apply

Expiration Date: May 8, 2020

[PA-17-225 \(R01\); PA-17-226 \(R21\)](#)

Advancing the Science of Geriatric Palliative Care

Application Due Dates: Standard dates apply

Expiration Date: May 8, 2020

[PA-17-227 \(R21\)](#)

Hearing Health Care for Adults: Improving Access and Affordability

Application Due Dates: Standard dates apply

Expiration Date: March 17, 2020

Foundation Funding Opportunities

Robert Wood Johnson Foundation

[New Connections: Increasing Diversity of RWJF Programming](#) is a career development program for early career researchers from diverse, underrepresented and historically disadvantaged backgrounds. Researchers in this program come from multiple disciplines (health, social sciences, business, urban planning, architecture and engineering); work to build the case for a Culture of Health with strong qualitative and quantitative research skills; and produce and translate timely research results. Applicants must have completed a doctoral degree within the last 10 years and must be early-career scholars, such as a post-doc or assistant professor. Awards are up to \$50,000 for 12 months in duration.

Application Due Date: May 16, 2017



“F-E-A-R has two meanings: Forget Everything and Run or Face Everything and Rise”

Zig Ziglar (1926-2012)

Motivational teacher and trainer

