

SPHHP Research Activities Newsletter

University at Buffalo

February 2018

In the News

Congratulations to the Following Awardees!



Chang-Xing Ma, Associate Professor of Biostatistics, is Co-I on a continuation award (PI: John Canty, Medicine) from the National Heart, Lung, and Blood Institute/NIH for the project entitled *PAREPET II_Prediction of ARhythmic Events with Positron Emission Tomography II*. The study will continue to collect 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.



Christine Oddo, Director of Client Service, Center for Assistive Technology, is PI on a new award from the NYS Office of Children and Family Services for the project entitled *OCFS NYCB Assistive Technology Center Area 1 – Buffalo*. The Center will provide services to NYS Commission of the Blind consumers located within the eight counties of Western New York. Services include assessment of the assistive technology needs and abilities of participants referred, recommending assistive technology configurations to meet their needs, and providing training to enable the use of their equipment in a work or educational setting.



Jennifer Temple, Associate Professor of Exercise & Nutrition Sciences, is PI on a continuation award from the National Institute of Diabetes and Digestive and Kidney Diseases/NIH for the project entitled *Sensitization of the Reinforcing Value of Food as a Predictor of Weight Change in Adolescents*. The project will continue to study weigh-related consequences of sensitization to the reinforcing value of food and identify factors that moderate changes in body weight over time as they relate to the reinforcing value of food.



Greg Wilding, Professor and Chair of Biostatistics, is Statistician on a new award (PI: Pinaki Sarder, Pathology and Anatomical Sciences) from Augusta University/American Diabetes Association for the project entitled *Computational Imaging of Renal Structures for Diagnosing Diabetic Nephropathy (DN)*. The study seeks to 1) enable earlier clinical predictions, thereby extending windows for interventions of evolving DN; and 2) push renal diagnostics to take earlier renal biopsies for patients with suspected DN to identify high risk, maximally prolonging quality of life for patients.

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Grant Clinic

Strengthen Your Application with Preliminary Research

[The National Institute of Allergy and Infectious Diseases \(NIAID\)](#) has posted some interesting and helpful FAQs on how to gauge how much is enough when it comes to preliminary data and the catch-22 of needing to apply for an R03 or R21 funding to generate preliminary data. Topics covered are: Why should I include Preliminary Research; Does the preliminary research need to be data; How can I generate preliminary research if I don't already have funding; and How should I write my application. The site also includes [this link](#) to samples of NIAID funded R01, R21, R03, R15 and R21/R33 applications and summary statements.

Interim Research Performance Progress Report (I-RPPR) and Final Research Performance Progress Report (F-RPPR) – Delegates Now Allowed

In the past, policy required that the I-RPPR and F-RPPR work in the same manner as the old Final Progress Report – meaning either the Signing Official (SO) or PI could initiate and submit the report. This was due to the fact that the I-RPPR and F-RPPR were uploaded as a PDF, meaning anyone could develop and work on the report. Now that the I-RPPR and F-RPPR are submitted online through the Commons in the same format as the annual RPPR, it is now possible to delegate working on the I-RPPR and F-RPPR to anyone with the Assistant (ASST) role. The submission remains the same with only the SO or PI allowed to submit the report.

NIH NOTICES

NOT-CA-18-037

NCI Method to Extend Research in Time (MERIT) Award for Early Stage Investigators

NCI announces its use of the MERIT (R37) Award to provide Early Stage Investigators (ESIs) the opportunity to obtain up to 7 years of support in two segments, with the first being an initial 5-year award and the second being based on an opportunity for an extension of up to 2 additional years. ESIs who have submitted a single-Principal Investigator (PI) R01 application that received a score within the NCI payline are eligible for consideration for the award. NCI program staff members will identify eligible candidate applications for the ESI MERIT Award and submit them to the members of the National Cancer Advisory Board (NCAB) for consideration. If recommended by the NCAB and approved by NCI leadership, the ESI R01 will be converted to an ESI MERIT (R37) for the initial 5-year funding segment. The ESI MERIT award extension application will be submitted to the NCI 18 months prior to the end of the initial 5-year project period. The extension application will be reviewed by NCI staff and submitted to the NCAB for review and recommendation. If an extension is granted, the ESI MERIT awardee will be notified of the length of time of the extension and the approved budget. If a proposed award does not receive an extension, the awardee may submit an application for review as a regular competing research grant application.

NOT-DK-18-004 (PA-18-010, R01)

NOT-DK-18-003 (PAR-18-122, R21)

Notice of Clarification of Studies Appropriate for Diet and Physical Activity Assessment Methodology

This Notice clarifies the types of studies that are not appropriate for the FOAs listed above.

Section 1. Funding Opportunity Description has been revised to read: *“Specifically, this funding opportunity is intended to support innovative research focused on assessment of dietary and physical activity patterns and the settings in which such behaviors occur. Applications proposing to evaluate determinants of these behaviors; studies of the causal association between environment and behavior or health outcomes; or efficacy or effectiveness trials designed to modify, improve behavior(s), or change outcomes related to dietary intake or physical activity/sedentary behavior are not appropriate for this funding opportunity announcement.”*

NOT-DA-18-001

Notice Encouraging Individual Mentored Career Development K08 and K23 Applications Utilizing the National Drug Abuse Treatment Clinical Trials Network (CTN) Resources

The CTN is a multi-site research program that examines the efficacy of behavioral, pharmacological, and integrated substance use disorder treatment interventions, managed through NIDA's Center for Clinical Trials Network. Prospective NIDA K08 and K23 applicants are encouraged to consider incorporating CTN expertise and resources into their proposed research and career development plans. Applicants who choose to develop their research plans utilizing CTN resources must select a primary mentor who is a current CTN Investigator.

[NOT-OD-18-129](#)

Revised: Notice of NIH's Interest in Diversity

This notice revises the previous Notice of NIH Interest in Diversity ([NOT-OD-18-122](#)) to clarify that Native Hawaiians are included in category A Underrepresented Populations, and that the revision to category A to permit participation in diversity programs of 'individuals from racial or ethnic groups that can be demonstrated convincingly to be underrepresented by the grantee institution' supersedes the current diversity language in existing funding opportunity announcements (FOAs).

[NOT-HL-18-590](#)

Frequently Asked Questions for PAR-18-577, New Epidemiology Cohort Studies in Heart, Lung, Blood, and Sleep Diseases and Disorders

NHLBI has posted a set of Frequently Asked Questions regarding applications for [PAR-18-577](#). The FAQs are available on the [NHLBI website](#) and applicants are encouraged to review prior to submitting their application. These may be updated at any time without additional notice so please check the site frequently for updates.

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 Tramosch 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.

[RFA-HL-19-001 \(U24\)](#) – clinical trial not allowed

Coordination Center for Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE)

This FOA solicits a single five-year grant application from eligible institutions/organizations to serve as the Coordination Center for the PRIDE Summer Institutes. The purpose of the CC is to provide programmatic support for the PRIDE program overall and to complement the activities of the SI programs. *Only one application per institution is allowed.*

Application Due Date: April 6, 2018

[RFA-HL-19-002 \(R25\)](#) – clinical trial not allowed

Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE)

This FOA specifically invites applications from senior faculty, established researchers, and experienced mentors to develop and direct the Summer Institutes of the PRIDE program in order to mentor promising eligible junior faculty who have specific scientific interests in heart, lung, blood and sleep (HLBS) disorders research. To accomplish the stated overarching goal, this FOA will support creative educational activities with a primary focus on Research Experiences and Mentoring Activities. *Only one application per institution is allowed.* **Application Due Date:** April 6, 2018

[PAR-17-340 \(RM1\)](#) – (clinical trial not allowed)

Collaborative Program Grant for Multidisciplinary Teams

This FOA is designed to support highly integrated research teams of three to six PD/Pis to address ambitious and challenging research questions that are important for the mission of NIGMS and are beyond the scope of one or two investigators. Collaborative program teams are expected to accomplish goals that require considerable synergy and managed team interactions. Project goals should not be achievable with a collection of individual efforts or projects. Teams are encouraged to consider far-reaching objectives that will produce major advances in their fields.

Only one application per institution per review cycle is allowed. **Application Due Dates:** May 7, 2018; September 7, 2018; May 7, 2019; September 7, 2019; May 7, 2020; September 7, 2020

[PAR-17-068 \(T34\)](#)

Maximizing Access to Research Careers Undergraduate – Student Training in Academic Research

The Program is designed to provide structured training programs to prepare high-achieving, underrepresented students for doctoral programs in biomedical research fields. Programmatic activities should include authentic research experiences, academic enhancements, skills development, and mentoring. *Only one application per institution is allowed.* **Application Due Date:** May 24, 2018

NIH Funding Opportunities: Requests for Applications (RFA)

April Due Dates

[RFA-AG-18-030 \(R01\)](#) – clinical trial required

Dementia Care and Caregiver Support Interventions

The overarching purpose of this FOA is to help to lay the groundwork for pragmatic trials and real-world implementation of Alzheimer's disease (AD) and AD-related dementias (ADRD) care and caregiving interventions by supporting early-Stage (Stage I, II, III of the NIH Stage Model) behavioral intervention development clinical trials aimed at adapting/modifying interventions for the real world, examining the principles underlying these interventions, developing methods to ensure real-world fidelity of delivery, and developing training procedures for the people in the community who will be delivering the interventions. **Application Due Date:** April 10, 2018

May Due Dates

[RFA-MD-18-005 \(R01\)](#) – clinical trial required

Youth Violence Prevention Interventions that Incorporate Racism/Discrimination Prevention

This initiative supports research to develop and test youth violence prevention interventions that incorporate racism/discrimination prevention strategies for one or more health disparity populations. The target age range includes middle school to high school-aged youth, corresponding to an approximate age range of 11 to 18.

Application Due Date: May 28, 2018

June Due Dates

[RFA-AG-19-001 \(P30\)](#) – clinical trial not allowed

Alzheimer's Disease Research Centers

NIA-designated Alzheimer's Disease Research Centers serve as major sources of discovery into the nature of Alzheimer's disease and related dementias and into the development of more effective approaches to prevention, diagnosis, care, and therapy. They contribute significantly to the development of shared resources that support dementia-relevant research, and they collaborate and coordinate their research efforts with other NIH-funded programs and investigators.

Application Due Date: June 4, 2018

[RFA-ES-18-004 \(R35\)](#) – clinical trial not allowed

Revolutionizing Innovative, Visionary Environmental Health Research (RIVER)

The RIVER program provides support for outstanding investigators in the Environmental Health Sciences, giving them intellectual and administrative freedom, as well as sustained support to pursue their research in novel directions in order to achieve greater impacts. The program seeks to identify individuals, regardless of career stage, with a potential for continued innovative and impactful research and combine their existing investigator-initiated research into a single award.

Application Due Date: June 20, 2018

[RFA-GM-18-002 \(R25\)](#) – clinical trial not allowed

Training Modules to Enhance the Rigor and Reproducibility of Biomedical Research

This FOA will support creative educational activities with a primary focus on developing courses for skills development - specifically, exportable training modules designed to enhance the rigor and reproducibility of biomedical research, targeted to trainees and researchers at any level. **Application Due Date:** June 29, 2018

Multiple Due Dates

[RFA-CA-18-004 \(R21\)](#) – clinical trial not allowed

Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research

This FOA solicits grant applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

Application Due Dates: May 29, 2018; September 28, 2018

[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 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 15, 2018, October 15, 2018

[RFA-MH-18-700 \(Collaborative R01\)](#) - clinical trial and participation of two or more collaborative sites required

[RFA-MH-18-701 \(R01\)](#) – clinical trial required

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

These FOA support clinical trials designed to test the therapeutic value of treatment and preventive interventions for which there is already evidence of efficacy, for use in community and practice settings.

Application Due Dates: June 15, 2018, October 15, 2018

[RFA-MH-18-702 \(R61/R33\)](#) – clinical trial required

[RFA-MH-18-703 \(R33\)](#) - clinical trial required

Early Stage Testing of Pharmacologic or Device-based Interventions for the Treatment of Mental Disorders

These FOAs support early stage testing of pharmacologic or device-based interventions using a protocol design where the presumed mechanism of action of the intervention is adequately tested, to provide meaningful information where target modulation yields a dose-dependent neurophysiological/clinical/behavioral effect.

Application Due Dates: June 15, 2018, October 15, 2018

[RFA-MH-18-704 \(R61/R33\)](#) – clinical trial required

[RFA-MH-18-705 \(R33\)](#) – clinical trial required

Development of Psychosocial Therapeutic and Preventive Interventions for Mental Disorders

These FOAs support the efficient pilot testing of novel psychosocial therapeutic and preventive interventions for mental disorders in adults and children, using an experimental therapeutics approach.

Application Due Dates: June 15, 2018, October 15, 2018

[RFA-MH-18-707 \(R01\)](#) – clinical trial required

Confirmatory Efficacy Clinical Trials of Non-Pharmacological Interventions for Mental Disorders

This FOA supports confirmatory efficacy testing of non-pharmacological therapeutic and preventive interventions for mental disorders in adults and children through an experimental therapeutics approach. Under this FOA, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support "go/no-go" decisions about further development, effectiveness testing, or dissemination of the intervention.

Application Due Dates: June 15, 2018, October 15, 2018

[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 NCI Provocative Questions initiative. Each research project must be focused on addressing one particular research problem defined by one specific PQ selected from the list found in the FOAs.

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

[RFA-OD-18-002 \(R01\)](#); [RFA-OD-18-003 \(R21\)](#); [RFA-OD-18-001 \(R03\)](#) – clinical trial optional

Tobacco Regulatory Science

These FOAs invite applications 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 Dates:** July 17, 2018, February 13, 2019

[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, 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, 2018; February 15, 2019; October 17, 2019

[RFA-DA-18-020 \(UG3/UH3\)](#) – clinical trial optional

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, 2018; July 25, 2019, July 25, 2020

[RFA-DA-18-019 \(DP1\)](#) – clinical trial optional

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

This Program supports individual scientists of exceptional creativity who propose high-impact research that will open new areas of HIV/AIDS research relevant to drug abuse and/or lead to new avenues for prevention and treatment of HIV/AIDS among drug abusers. The proposed research should reflect approaches and ideas that are substantially different from those already being pursued by the investigator or others and should support the NIH HIV/AIDS Research Priorities

Application Receipt Dates: August 14, 2018; August 14, 2019; August 14, 2020

[RFA-ES-16-005 \(R21\)](#)

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 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. The entire cycle is expected to be within 3-4 months. **Application Due Dates:** Multiple due dates, please see FOA.

Expiration Date: June 2, 2019

[RFA-DA-19-002 \(UG3/UH3\)](#) – clinical trials optional

Development of Medications to Prevent and Treat Opioid Use Disorders and Overdose

Through this FOA, NIDA seeks to fast-track the discovery and development of medications to prevent and treat OUDs or opioid overdose and to advance them in the FDA's drug development approval pipeline. Application may include preclinical or clinical research studies that will have high impact and quickly yield the necessary results to advance closer to FDA approval medications that are safe and effective to prevent and treat OUDs and overdose.

Application Due Dates: Applications will be accepted on a rolling basis **Expiration Date:** January 2, 2020

NIH Funding Opportunities: Program Announcement with Set-Aside Funds (PAS)

[PAS-18-624 \(R01\)](#); [PAS-18-625 \(R21\)](#) – clinical trial optional

Mechanistic investigations of psychosocial stress effects on opioid use patterns

NIDA invites innovative research to characterize the consequences of psychosocial stress on affective/cognitive functioning and/or pain processing as it relates to opioid use disorder (OUD). Research is encouraged that elucidates mechanisms of action and determinants of vulnerability and/or resilience by which psychosocial stress influence OUD trajectories. Research using basic or clinical approaches is appropriate.

Application Due Dates: Standard dates apply; **Expiration Date:** September 8, 2020

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

[PAR-18-578 \(U44/SBIR\)](#); [PAR-18-580 \(UT2/STTR\)](#) –clinical trial optional

Investigational New Drug (IND)-enabling Development of Medications to Treat Alcohol Use disorder and Alcohol-related disorders

This FOA encourages applications from small business concerns that propose the development of therapeutic agents for disorders that fall under the mission of NIAAA. An identified candidate, having sufficient bioactivity, stability, manufacturability, bioavailability, in vivo efficacy and/or target engagement, and other favorable properties that are consistent with the desired clinical application, is required prior to application. The FOA supports Investigational New Drug (IND)-enabling studies for the therapeutic candidate. **Application Due Dates:** March 27, 2018; December 4, 2018; March 27, 2019; December 4, 2019; March 27, 2020; December 4, 2020

[PAR-18-585 \(R61/R33\)](#) – clinical trial required

Pragmatic Trials for Dementia Care in Long-term Services and Support (LTSS) Settings

This FOA invites applications for pragmatic trials for dementia care in LTSS settings which will: (1) be designed to address practical comparative questions faced by Alzheimer's disease (AD) and AD-related dementia (ADRD) patients, clinicians and caregivers (both paid and unpaid); (2) include broad and diverse populations; and (3) be conducted in real-world settings. Pilot research is supported to test the feasibility of implementing and integrating LTSS interventions (R61 phase) that, if successful, can transition to an R33 phase for implementation of large pragmatic trials.

Application Due Dates: March 27, 2018; February 20, 2019; and February 20, 2020

[PAR-18-595 \(R21\)](#) – clinical trial required

Exploratory Clinical Trial Grants in Arthritis and Musculoskeletal and Skin Diseases

This FOA is designed to facilitate clinical trials that can be completed within a limited timeframe and budget. A broad range of types of exploratory studies may be submitted to this FOA. The trials must address research questions related to the mission and goals of the NIAMS and may evaluate interventions with drugs, biologics, devices, or surgical, dietary, behavioral or rehabilitation therapies. **Application Due Dates:** March 27, 2018, July 2, 2018, November 2, 2018, March 4, 2019, July 2, 2019, November 4, 2019, March 3, 2020, July 2, 2020, November 3, 2020

[PAR-18-581 \(R01\)](#) – clinical trial optional

[PAR-18-582 \(R21\)](#) – clinical trial not allowed

Emotional Function in Normal Aging and/or MCI and AD/ADRD

These FOAs invite applications that expand on foundational research demonstrating generally improved emotional function and emotion regulation with aging, to further clarify the trajectories of change in emotion processing and linked neurobiological factors in adults who are aging normally, as well as in individuals with mild cognitive impairment, Alzheimer's disease, and Alzheimer's disease-related dementias.

R01 Application Due Dates: March 29, 2018; June 8, 2018; February 8, 2019; June 7, 2019; February 7, 2020; June 8, 2020

R21 Application Due Dates: March 29, 2018; June 20, 2018; February 20, 2019; June 20, 2019; February 20, 2020; June 22, 2020

[PAR-18-605 \(R01\)](#); [PAR-18-606 \(R21\)](#) – clinical trial optional

Leveraging Cognitive Neuroscience to Improve Assessment of Cancer Treatment-Related Cognitive Impairment

These FOAs encourage transdisciplinary research that will leverage cognitive neuroscience to improve traditional measurement of cognitive impairment following cancer treatment, often referred to as "chemobrain." A better understanding of the acute- and late-term cognitive changes following exposure to adjuvant chemotherapy and molecularly-targeted treatments, including hormonal therapy, for non-central nervous system tumors can inform clinical assessment protocols with downstream implications for survivorship care plans.

Application Due Dates: April 11, 2018; October 10, 2018; April 11, 2019

[PAR-18-596 \(R01\)](#) - clinical trial optional

Research on Current Topics in Alzheimer's Disease and Its Related Dementias

This FOA invites applications proposing research on current topics in Alzheimer's disease and its related dementias. Further information on the high priority topics of interest will be announced through a series of notices published in late January and early February of 2018. Applications proposing research on topics beyond those specified in the notices will not be prioritized for funding under this FOA. **Application Due Date:** April 17, 2018

[PAR-18-630 \(R01\)](#) – clinical trial required

Investigator Initiated Extended Clinical Trial

This FOA invites applications for implementation of investigator-initiated clinical trials requiring an extended project period of 6 or 7 years. The trials can be any phase, must be hypothesis-driven, and related to the research mission of one of the participating ICs. **Application Due Date:** April 10, 2018; December 7, 2018; March 7, 2019; December 7, 2019

[PAR-18-646 \(U01\)](#) – clinical trial optional

Opportunities for Collaborative Research at the NIH Clinical Center

The goal of this program is to support collaborative translational research projects aligned with NIH efforts to enhance the translation of basic biological discoveries into clinical applications that improve health. It encourages high quality science demonstrating the potential to result in understanding an important disease process or lead to new therapeutic interventions, diagnostics, or prevention strategies within the research interests and priorities of the participating NIH Institutes/Centers (ICs). In order to be eligible for this program, the application must include at least one intramural scientist as Program Director/Principal Investigator or collaborator, and at least some of the research must be conducted at the NIH Clinical Center. **Application Due Date:** April 11, 2018

[PAR-18-643 \(R01\)](#) – clinical trial optional

NHLBI Clinical Ancillary Studies

This FOA seeks to accelerate the pace and expand the breadth of scientific research on the clinical course, prevention and treatment of diseases within NHLBI's mission by leveraging ongoing clinical research studies through ancillary studies. Applications submitted to this FOA should propose to collect new information and/or biological samples from participants of the ongoing parent study, and should address new research questions that are beyond those specified in the approved protocol of the parent study and are within the scientific mission of the NHLBI.

Application Due Dates: April 30, 2018, August 24, 2018, December 18, 2018, April 30, 2019, August 24, 2019, December 18, 2019, April 30, 2020, August 24, 2020, and December 18, 2020

[PAR-18-632 \(U44/SBIR Phase II\)](#); [PAR-18-633 \(U01\)](#) – clinical trial required

NIAID Clinical Trial Implementation Cooperative Agreement

This program provides support for implementation of investigator-initiated, high-risk clinical trials and mechanistic studies associated with high-risk clinical trials. Investigators are encouraged to visit the NIAID website for additional information about the research mission and high-priority research areas of the NIAID (<https://www.niaid.nih.gov/research/role>).

Application Due Dates: May 14, 2018; September 13, 2018; January 14, 2019; May 13, 2019; September 13, 2019; January 13, 2020; May 13, 2020; September 14, 2020; January 13, 2021

[PAR-18-577 \(U01\)](#) – clinical trials not allowed

New Epidemiology Cohort Studies in Heart, Lung, Blood, and Sleep Diseases and Disorders

Through this FOA, the National Heart, Lung, and Blood Institute aims to establish a new epidemiology cohort of at least 2000 participants to stimulate research on a wide range of heart, lung, blood, and/or sleep research hypotheses.

Application Due Dates: June 5, 2018, June 5, 2020

[PAR-18-638 \(R01\)](#); [PAR-18-639 \(R21\)](#) – clinical trial optional

Innovative Approaches to Studying Cancer Communication in the New Media Environment

These FOAs invite applications that seek to apply one or more innovative methodologies in communication research across the cancer control continuum, from prevention, early detection, diagnosis, treatment, and survivorship, to end of life. Studies should assess outcomes related to cancer prevention and control (e.g., knowledge, attitudes, beliefs, perceived risk, decision making in screening and treatment, information inequalities, social support, shared decision making, persuasion, caregiving, behavioral intentions, preventive behaviors, and policy support, among others).

Application Due Dates: June 13, 2018; October 11, 2018, June 13, 2019

[PAR-18-612 \(R01\)](#); [PAR-18-611 \(R21\)](#) – clinical trial optional

Electronic Nicotine Delivery Systems (ENDS): Population, Clinical and Applied Prevention Research

These FOAs support studies on electronic nicotine delivery systems that examine population-based, clinical and applied prevention of disease, including etiology of use, epidemiology of use, potential risks, benefits and impacts on other tobacco use behavior among different populations.

Application Due Dates: June 27, 2018; October 24, 2018; June 27, 2019; October 24, 2019; June 27, 2020

[PAR-18-608 \(R41/R42\)](#) – clinical trial not allowed

Methods Development in Natural Products Chemistry

This FOA is intended to help move useful technologies into the commercial marketplace by inviting STTR grant applications from small businesses for further development of such technologies that are relevant to the missions of the sponsoring NIH institutes and centers. The supported research and development will likely include making the tools more robust and easy to use. NCCIH encourages new investigators as well as those investigators who are previous recipients and have shown significant progress in moving useful technologies into the commercial marketplace.

Application Due Dates: Standard dates apply; **Expiration Date:** April 6, 2019

[PAR-18-628 \(U44\)](#) – clinical trial optional

NeuroNEXT Small Business Innovation in Clinical Trials

This FOA encourages applications for exploratory clinical trials of investigational agents (drugs, biologics, or devices) that may contribute to the justification for and provide the data required for designing clinical studies. Diseases chosen for study should be based on the NINDS strategic plan and clinical research interests

([NINDS Funding Areas](#)). **Application Due Dates:** Standard dates apply; **Expiration Date:** January 6, 2021

[PAR-18-645 \(R21/R33\)](#)

Research Infrastructure Development for Interdisciplinary Aging Studies

This FOA invites applications that propose to develop novel research infrastructure that will advance the science of aging in specific areas requiring interdisciplinary partnerships or collaborations. This FOA is intended to provide the needed resources to interdisciplinary collaborative groups to meet the challenge of developing effective research infrastructure in important aging topics. **Application Due Dates:** Standard dates apply;

Expiration Date: September 8, 2019

NIH Funding Opportunities: Program Announcements (PA)

The following program announcements have standard due dates, unless otherwise noted.

[PA-18-591](#) – clinical trial optional

Administrative Supplements to Existing NIH Grants and Cooperative Agreements

Expiration Date: January 26, 2021

[PA-18-586](#) – clinical trial not allowed

Research Supplements to Promote Diversity in Health-Related Research

Expiration Date: September 8, 2021

[PA-18-592](#) – clinical trial not allowed

Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers

Expiration Date: September 8, 2021

[PA-18-569 \(R01\)](#); [PA-18-070 \(R21\)](#); [PA-18-069 \(R03\)](#) - clinical trial optional

Health Services and Economic Research on the Prevention and Treatment of Drug, Alcohol, and Tobacco Abuse

Expiration Date: May 8, 2018

[PA-18-573 \(R43/R44/Parent SBIR\)](#) – clinical trial required

[PA-18-574 \(R43/R44/Parent SBIR\)](#) – clinical trial not allowed

Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant Applications

Expiration Date: April 6, 2019

[PA-18-575 \(R41/R42/Parent STTR\)](#) – clinical trial not allowed

[PA-18-576 \(R41/R42/Parent STTR\)](#) – clinical trial required
Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Technology Transfer Grant Applications

Expiration Date: April 6, 2019

[PA-18-603 \(R01\)](#); [PA-18-602 \(R21\)](#); [PA-18-601 \(R03\)](#) – clinical trial optional

Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence

Expiration Date: May 8, 2021

[PA-18-607 \(R43/R44\)](#) – clinical trial not allowed

Methods Development in Natural Products Chemistry

Expiration Date: April 6, 2019

[PA-18-619 \(R01\)](#); [PA-18-620 \(R21\)](#) – clinical trial optional
Understanding Processes of Recovery in the Treatment of Alcohol Use Disorder

Expiration Date: May 8, 2021

[PA-18-626 \(R03\)](#) – clinical trial required

NIDA Small Research Grant Program

Expiration Date: May 8, 2020

[PA-18-627 \(R15\)](#) – clinical trial required
NIDA Academic Research Enhancement Award
Expiration Date: May 8, 2020

[PA-18-631 \(R44\)](#) – clinical trial required
NIBIB Exploratory Clinical Trials for Small Business
Expiration Date: January 6, 2021

[PA-18-634 \(R03\)](#) – clinical trial required
NIDA Small Research Grant Program
Expiration Date: May 8, 2020

[PA-18-648 \(R13\)](#) - clinical trial not allowed
NIH Support for Conferences and Scientific Meetings
Expiration Date: January 8, 2021

Funding Opportunities: Foundations

American Diabetes Association

The American Diabetes Association [Core Research Program Grants](#) are now open. The Core Research Program funds research with novel and innovative hypotheses in any area relevant to the etiology or pathophysiology of diabetes and its complications that hold significant promise for advancing the prevention, cure or treatment of diabetes. Basic, clinical, translational and epidemiological or health services research approaches are encouraged.

Innovative Basic Science

These awards support basic research with novel and innovative hypotheses in any area relevant to the etiology or pathophysiology of diabetes and its complications that holds significant promise for advancing the prevention, cure or treatment of diabetes. Awards are up to three years with a maximum of \$115,000/year in total costs.

Innovative Clinical or Translational Science

These awards support research with novel and innovative hypotheses, performed in human subjects, or research approaches to accelerate the transition of scientific discoveries into clinical application. Studies supported with these awards must directly involve human subjects, human samples and/or data, and offer considerable promise for advancing the cure, prevention or treatment of diabetes. Awards are up to three years with a maximum of \$200,000/year in total costs.

Junior Faculty Development

These awards support early investigators as they establish independence as diabetes researchers. Any level faculty up to and including Assistant Professor or equivalent with 10 years or less research experience beyond terminal degree are eligible to apply. The award is for 2-4 years with a maximum of \$138,000/year.

Postdoctoral Fellowship

These fellowships are available to postdoctoral researchers (MD, MD/PhD, PhD, DVM, or equivalent) to provide support for high quality training in disciplines and topics relevant to diabetes, in an environment conducive to beginning a career in diabetes research. Awards are up to three years and are funded between \$47,484-\$55,581/year, plus yearly \$5,000 training and \$5,000 fringe benefit allowances.

The deadline for all applications is **April 16, 2018**.

“The best preparation for tomorrow is doing your best today.”

H. Jackson Brown, Jr., American Author (1940 -)

