

SPHHP Research Activities Newsletter

University at Buffalo

November/December 2019

IN THE NEWS

Congratulations to the Following Awardees!



Lucia Leone, Assistant Professor of Community Health and Health Behavior, is PI on a continuation award from the National Cancer Institute/NIH, for the project entitled, *Effectiveness and Implementation of a Research Tested Mobile Produce Market Designed to Improve Diet in Underserved Communities*. This study will continue to implement a mobile produce market program with eight organizations nationwide to determine if the effect can be replicated and develop a best-practices toolkit to help others sustainably implement the program.



Kimberly Naus, Director of CAT Client Services, is PI on a continuation award from the NYS Office of Children and Family Services for the project entitled *OCFS NYCB Assistive Technology Center Area 1 – Buffalo*. The Center provides services to NYS Commission of the Blind consumers located within the eight counties of Western New York. Services include assessing the 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.



Zhongzheng (Jason) Niu, Predoctoral Student in Epidemiology and Environmental Health, received a new fellowship award from the American Heart Association for the project entitled, *Early Life Secondhand Smoke Exposure, Telomere Length Attrition, and Cardiovascular Disease: A Life Course Study*. The study will analyze existing data from the New England Family Study that has followed 1,674 newborns from mother's pregnancy (1956-1966) through middle age (38-47 years) to better understand the roles of early life exposures to secondhand smoke and telomere biology in the disease process of cardiovascular disease. **Lina Mu**, Associate Professor of Epidemiology and Environmental Health, serves as his mentor.



Ekaterina Noyes, Professor of Epidemiology and Environmental Health, is PI on a continuation award from Health Research Inc./Roswell Park Comprehensive Cancer Center for the project entitled, *Breast Cancer Pathways Impact on Shared Decision Making and Patient Experience in Academic and Community Practice*. The project will continue to assess quality improvement initiatives for underserved patients with breast cancer.



Riana Pryor, Assistant Professor of Exercise and Nutrition Sciences, is PI on a new award from the Wilderness Medical Society for the project entitled, *Tarp Assisted Cooling (TACO) for Exertional Heat Stroke Treatment: A Randomized Controlled Trial*. The study will test an alternative method of treating exertional heat stroke in environments where resources can be limited.



John Violanti, Research Professor of Epidemiology and Environmental Health, is PI on a new award from the U.S. Department of Justice for the project entitled, *Atypical Work Hours and Adaptation in Law Enforcement: Targets for Disease Prevention*. The longitudinal study will generate data-driven recommendations for atypical work hour adaption, prevention of disease, and health-related impacts among police officers.

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Jean Wactawski-Wende, Dean of SPHHP and SUNY Distinguished Professor of Epidemiology and Environmental Health, is PI on a continuation award from the National Heart, Lung, and Blood Institute/NIH for the project entitled, *Women's Health Initiative – Regional Center*. As the Northeast Regional Center for the WHI, the study will continue to follow the health outcomes of the postmenopausal women who have been participants since the study launched in 1991. Co-Investigators from EEH are **Michael LaMonte**, Research Associate Professor, **Amy Millen**, Associate Professor, and **Heather Ochs-Balcom**, Associate Professor.



Gregory Wilding, Professor and Chair of Biostatistics, is Co-I on a new award (PI: Jason Kay, Oral Biology) from the National Institute of Dental & Craniofacial Research/NIH for the project entitled, *A Role for Immune Cell Plasticity in Commensal Survival and Escalation of Inflammation*. The goal of the study is to increase our understanding of the conditions and molecular mechanisms by which commensals can act as pathobionts, which is the first step in developing new targets and strategies for the prevention and treatment of oral bacterial-associated inflammatory diseases.



Jiwei Zhao, Assistant Professor of Biostatistics, is Co-I on a continuation award (PI: Richard Salvi, Communicative Disorders and Sciences) from the National Institute on Deafness and Other Communication Disorders/NIH for the project entitled, *Neural Basis of Hyperacusis*. The project continues to study the neural mechanisms of hyperacusis and tinnitus by continuing to test the efficacy of novel pharmacological agents to treat these two disorders.

GRANT CLINIC

Request for Public Comments on DRAFT NIH Policy for Data Management and Sharing and Supplemental DRAFT Guidance.

NIH is seeking public comments on a [DRAFT NIH Policy for Data Management and Sharing and supplemental DRAFT guidance](#). The purpose of this draft policy and guidance is to promote effective and efficient data management and sharing to further NIH's commitment to making the results and accomplishments of the research it funds and conducts available to the public. NIH encourages feedback on the utility of these supplemental draft guidance documents and any additional guidance to help researchers integrate data management and sharing practices into routine research. In addition, NIH recognizes that there may be unique circumstances in which broad data sharing may not be appropriate and encourages input on identifying strategies for promoting responsible data management and sharing practices in these circumstances. Responses will be accepted electronically to <https://osp.od.nih.gov/draft-data-sharing-and-management/> through **January 10, 2020**. For additional information, please see [NOT-OD-20-013](#).

NIH Notices

[NOT-OD-20-010](#)

NIH Pathways to Prevention Workshop – Can Physical Activity Improve the Health of Wheelchair Users?

The ninth workshop in the Pathways to Prevention series, co-sponsored by the National Center for Medical Rehabilitation Research, *NICHD*, *NINDS*, and the NIH Office of Disease Prevention, will be held March 30-31, 2020 in Bethesda, MD. Gaps exist in the literature regarding the impact of physical activity on the overall health of individuals who use wheeled mobility devices, as well as safe and effective types and doses of exercise. The workshop will assess the available scientific evidence to better understand the potential benefits of physical activity interventions for people at risk of using, or currently using, wheeled mobility devices. It is free and open to the public. Registration is required and attendees can join either in person or via [NIH VideoCast](#). To register to attend and to receive the latest information, visit <https://nih-pathways-to-prevention-can-physical-activity-improve-the-health-of-wheelchair-users-registration-73957509903>

[NOT-OD-20-011](#)

NIH Extension Policy for Eligibility Window for Pathway to Independence Awards (K99/R00)

Applicants for the K99 awards listed in the Notice must have no more than 4 years of postdoctoral research experience at the time of the initial (new) or subsequent resubmission application. Effective immediately, NIH will approve an extension of one year for childbirth within the 4 year K99 eligibility window. Applicants who will be PD/PIs on a K99 application must provide the child's date of birth in the extension request justification submitted to IC program officials and/or scientific/research contacts listed in the FOA at least 12 weeks before submitting an application.

[NOT-DK-20-006](#); [NOT-DK-20-007](#); [NOT-DK-20-008](#)

Notice of Additional Receipt Date Research in Healthcare Settings to Improve Diabetes and Obesity Prevention
NIDDK has added an additional receipt date of February 13, 2020 for the FOAs: [PAR-18-925](#); [PAR-18-924](#); and [PAR-17-178](#).

Notice of Additional Receipt Dates for Electronic Nicotine Delivery Systems (ENDS): Population, Clinical and Applied Prevention Research and Basic Mechanism of Health Effects.

NIDA has added additional receipt dates of October 26, 2020 and June 25, 2021 for the following FOAs entitled above: [PAR-18-848](#); [PAR-18-847](#); [PAR-18-846](#); and [PAR-18-845](#).

Notices of Special Interest

If you will be applying under any of the special interest topics listed below, please indicate so, including the NIH Notice number, in the Comments box of the RAS Questionnaire. The RAS staff will ensure that this information is included with the application to NIH.

[NOT-HG-19-025](#) – **Availability of Administrative Supplements for Short-term Research Career Enhancement in Genomics for Experience Investigators**

This program will provide a 6- to 12-month hands-on supervised research experiences in genomics for: 1) individuals with limited or no prior experience and training in these fields, or 2) individuals in genomics to gain experience in an aspect of the field that differs substantially from their current work. Applications for this initiative must be submitted using [PA-18-591](#) or its subsequent reissued equivalent.

[NOT-HL-19-724](#) - **Availability of Administrative and Revisions Supplements to Expand Vaping Research and Understand EVALI**

NIH is interested in research on the causes, disease mechanisms, and long-term prognosis of individuals with electronic cigarette (e-cigarette), or vaping associated lung injury (EVALI) and related health effects of vaping. Applications will be accepted on a rolling basis from **November 8, 2019 – February 27, 2020**.

[NOT-AG-20-008](#) – **Alzheimer’s Focused Administrative Supplements for NIH grants that are Not Focused on Alzheimer’s Disease**

Participating Institutes and Centers (please refer to the NIH notice for the list) are inviting applications to expand existing awards that are not currently focused on Alzheimer’s Disease and its related dementias to allow the research to develop such a focus. Active awards with project end dates in FY2021 or later are eligible. Applications submitted under this initiative must use [PA-18-591](#). **Application Due Date:** March 6, 2020

[NOT-OD-20-032](#) – **Administrative Supplements on Research on Sexual and Gender Minority Populations**

This NOSI calls for research that will enrich scientific understanding of how sexual orientation, gender identity, and/or being born with disorders/differences in sex development or intersex conditions relate to health outcomes, health risks, health behaviors, perceptions and expectations about health, and access to health-related services or associated barriers. **Application Due Dates:** January 31, 2020 for FY 2020, January 25, 2021

[NOT-CA-20-004](#) – **Geospatial Approaches in Cancer Control and Population Sciences**

NCI is interested in research that integrates and analyzes geospatial data and/or spatial methodology across the cancer control continuum. NCI is also interested in the discovery of mechanisms underlying the influence of contextual variables on cancer risk and outcomes. Applicants are also encouraged to use existing data sources, including data linkages, but are not prohibited from collecting new data. Please refer to the Notice for the appropriate FOA to apply under.

[NOT-AA-19-031](#) – **Neurobehavioral Mechanisms of Social Isolation and Alcohol Use Disorder (AUD)**

The objective of this NOSI is to invite applications with research focus on behavioral, cognitive, affective, and neurobiological mechanisms underlying dynamic interactions between social isolation and alcohol addiction. This notice applies for receipt dates through **September 8, 2022**. Submit applications for this initiative using the following FOAs: [PA-19-055](#); [PA-19-056](#); [PA-19-091](#).

Notices of Intent to Publish a Funding Opportunity Announcement

[NOT-OD-20-007](#)
[NOT-OD-20-008](#)

Mentored Research Scientist Career Development Award in Tobacco Regulatory Research; expected release Spring 2020; anticipated due date Summer 2020

[NOT-HS-20-001](#)

Improve the Management of Opioids and Opioid Disorder in Older Adults; no anticipated release or due dates at this time.

[NOT-CA-20-008](#)

Research Answers to NCI’s Provocative Questions; expected release Winter 2020; anticipated due dates in Spring 2020 and Winter 2021.

NIH FUNDING OPPORTUNITIES

REQUESTS FOR APPLICATIONS (RFA)

January Due Dates

[RFA-CA-19-064 \(R01\)](#) – clinical trial required

Improving the Reach and Quality of Cancer Care in Rural Populations

This FOA encourages two types of applications: (1) observational research that includes intervention pilot testing to understand and address predictors of cancer care/treatment and outcomes in rural low-income and/or underserved populations; or (2) intervention research to address known predictors of cancer care/treatment and outcomes in rural low-income and/or underserved populations. **Application Due Date:** January 15, 2020

[RFA-DA-20-026 \(R01\)](#) – clinical trial not allowed

Targeting Inflammasomes in Substance Abuse and HIV

This FOA encourages research that will examine the involvement of inflammasomes in virus and drug-induced immune activation, as well as identify novel therapies to target inflammasome activation or suppression to treat neuroinflammation and immune dysregulation aroused in these processes. **Application Due Date:** January 15, 2020

[RFA-AG-20-031 \(R25\)](#) – clinical trial not allowed

Research Education: Short Courses on Alzheimer's Disease and Related Dementias for the Behavioral and Social Sciences

This FOA supports short courses geared to behavioral and social scientists who have existing expertise in aging research and can make research contributions in Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADR) with additional knowledge about the disease and related research resources.

Application Due Date: January 21, 2020

[RFA-AG-20-051 \(R01\)](#); [RFA-AG-20-050 \(R61/R33\)](#) – clinical trial required

Low Cost Detection of Cognitive Decline in Clinical Settings

These FOAs invite applications to pursue development and validation studies of cognitive screening instruments or assessments in clinical settings and to translate these screening and assessment tools into electronic health record (EHR) systems that can assist physicians in making clinically meaningful care recommendations for patients experiencing cognitive decline. **Application Due Date:** January 30, 2020

February Due Dates

[RFA-AG-20-037 \(R01\)](#); [RFA-AG-20-038 \(R21\)](#) – clinical trial not allowed

Dementia Care: Home – and Community-Based Services (HCBS)

These FOAs invite applications to examine the outcomes of care for persons with Alzheimer's disease and Alzheimer's disease-related dementias by identifying home- and community-based services used, as well as barriers to accessing these types of care and unmet needs of persons with AD/ADR concerning care and services in these settings.

Application Due Date: February 3, 2020

[RFA-AG-20-026 \(R61/R33\)](#) – clinical trial optional

A Collaborative Network to Optimize Emergency Care of Older Adults with Alzheimer's Disease and Related Dementias (AD/ADR)

This FOA supports the development of a collaborative research and resource network to synergize the expertise, skills, and resources of investigators within the geriatric emergency medicine and AD/ADR research communities to identify and address research gaps towards optimizing recognition and emergency care of older adults with AD/ADR.

Application Due Date: February 3, 2020

[RFA-AG-20-027 \(R03\)](#) – clinical trial not allowed

Innovations to Foster Healthy Longevity in Low-Income Settings

This FOA invites applications for research and development to improve functioning and quality of life for the elderly, especially the disabled elderly, living in low- and middle-income countries (LMICs), or to improve functioning and quality of life for low-income, disabled, and isolated elderly living in high-income countries. Applications may address the needs of the elderly directly or indirectly by supporting family or other informal caregivers and service providers.

Application Due Date: February 3, 2020

[RFA-MH-20-327 \(R01\)](#); [RFA-MH-20-036 \(R21\)](#) – clinical trial optional

Dysregulation and Proximal Risk for Suicide

This FOA will fund research that will address gaps in current research by providing an understanding of the mechanisms of how dysregulation interacts with Cognition and Negative and Positive Valence in order to determine time-varying risk, and then to identify modifiable targets for timely interventions during highrisk periods.

Application Due Date: February 13, 2020

March Due Dates

[RFA-DK-19-019 \(R01\)](#) – clinical trial optional

Food as Medicine: Food Insecurity and HIV-related Comorbidities, Coinfections, and Complications within the Mission of the NIDDK

This FOA seeks US domestic research projects that address how food insecurity effects HIV comorbidities, coinfections, and complications (CCCs) within the mission of the NIDDK. The approaches may address the pathways linking food insecurity and the development or exacerbation of CCCs; or they may evaluate the mechanisms whereby interventions that alleviate food insecurity improve CCCs. These mechanisms could be related to nutritional inadequacies or patient health-related behaviors. **Application Due Date:** March 9, 2020

[RFA-DA-20-022 \(R01\)](#) – clinical trial optional

Assessing the Effects of Cannabinoids on HIV-Induced Inflammation

This FOA supports basic science and preclinical research to determine the biological mechanisms underlying the effects of cannabinoids and the endocannabinoid system on HIV-associated persistent inflammation and its consequent effects on nervous system function. Projects submitted in response to this FOA must include expertise and resources in both areas of HIV/AIDS and addiction science. **Application Due Date:** March 11, 2020

[RFA-AA-20-006 \(R01\)](#) – clinical trial optional

Impact of Alcohol on the Onset and Progression of Alzheimers Disease and Its Related Dementias

NIAAA and NIA solicit research projects that combine diverse expertise and use innovative approaches to investigate mechanisms by which alcohol affects brain aging processes to produce dementias and influences development of Alzheimer's disease. This FOA strongly encourages collaborations between alcohol researchers and experts in Alzheimer's disease and its related dementia research. **Application Due Date:** March 24, 2020

Multiple Due Dates

[RFA-ES-20-002 \(R01\)](#) – clinical trial optional

Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants

This FOA encourages multidisciplinary projects to investigate the potential health risks of environmental exposures of concern to a community and to implement an environmental public health action plan based on research findings. Projects supported under this program are expected to employ community-engaged research methods to not only conduct research but also to seamlessly translate research findings into public health action.

Application Due Dates: January 21, 2020; December 4, 2020

[RFA-TR-20-001 \(R01\)](#) – clinical trial optional

Ethical Issues in Translational Science Research

This FOA supports research to address ethical issues in translational science research. The focus is to develop knowledge to inform the ethical development, modification, or application of novel findings, technologies, and approaches to improve human health, including their impact on individuals, families, communities, and society.

Application Due Dates: February 6, 2020; October 6, 2020; October 6, 2021

[RFA-HL-19-025 \(K01\)](#) – clinical trial required; [RFA-HL-19-026 \(K01\)](#) – clinical trial not allowed

Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research

Applications are invited to enhance the pool of highly trained investigators from diverse backgrounds, including those from groups underrepresented in research areas of interest to the NHLBI. These FOAs are targeted toward individuals whose basic, clinical, and translational research interests are grounded in the advanced methods and experimental approaches needed to solve problems related to cardiovascular, pulmonary, and hematologic diseases and sleep disorders in the general and health disparities populations.

Application Due Dates: February 11, 2020, October 9, 2020, February 11, 2021

[RFA-OD-19-028 \(R01\)](#) – clinical trial optional

Tobacco Regulatory Science

This FOA supports biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP).

Application Due Dates: February 13, 2020, July 17, 2020, February 13, 2021

[RFA-CA-20-019 \(R21\)](#) – Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research
[RFA-CA-20-020 \(R33\)](#) – Advanced Development and Validation of Emerging 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 Date: February 21, 2020; May 28, 2020; September 29, 2020

[RFA-HL-19-024 \(R25\)](#) – clinical trial not allowed

Short-Term Research Education Program to Increase Diversity in Health-Related Research

The over-arching goal of this program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce by providing research experiences and related opportunities that enrich the pool of individuals from nationally underrepresented groups who will be available to compete for research opportunities in the mission areas of importance to NHLBI.

Application Due Dates: February 26, 2020, September 10, 2020, February 26, 2021

[RFA-NS-20-008 \(R41/R42\)](#); [RFA-NS-20-010 \(R43/R44\)](#) - clinical trial required

[RFA-NS-20-009 \(R41/R42\)](#); [RFA-NS-20-011 \(R43/R44\)](#) – clinical trial not allowed

HEAL INITIATIVE: Development of Therapies and Technologies Directed at Enhanced Pain Management

These FOAs aim to speed scientific solutions to stem the national opioid public health crisis by supporting the development of therapies and technologies directed at enhanced pain management. They are focused on applications directed at improving pain treatment, including the development of new non-addictive medications and devices and objective pain measurement. **Application Due Dates:** April 7, 2020, September 9, 2020, January 6, 2021, April 6, 2021, September 8, 2021, January 6, 2022, April 6, 2022, and September 8, 2022

[RFA-DA-19-019 \(R43/R44\)](#) – clinical trial optional

[RFA-DA-19-020 \(R41/R42\)](#) – clinical trial optional

America's Startups and Small Businesses Build Technologies to Stop the Opioid Crisis

These FOAs invite applications from US small business concerns to develop technologies to provide science-and research-based solutions to the opioid emergency. **Application Due Dates:** April 9, 2020, September 8, 2020, April 9, 2021, September 8, 2021

[RFA-CA-19-034 \(P20\)](#) – clinical trial optional

Feasibility and Planning Studies for Development of Specialized Programs of Research Excellence (SPOREs) to Investigate Cancer Health Disparities

The P20 grants will support feasibility and planning activities to build comprehensive cancer health disparities research programs. All applications must propose translational research that will contribute to improved prevention, early detection, diagnosis, and/or treatment of cancers found to disproportionately affect specific racial/ethnic minority populations. **Application Due Dates:** June 19, 2020, and October 18, 2020

[RFA-OD-19-022 \(R21\)](#) – clinical trial not allowed

Secondary Analyses of Existing Datasets of Tobacco Use and Health

This FOA supports research proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, to investigate novel scientific ideas and/or to generate new models, systems, tools, methods, or technologies that have the potential for significant impact on biomedical or biobehavioral research in areas relevant to the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP).

Application Due Dates: July 20, 2020, March 8, 2021

[RFA-OD-19-021 \(R21\)](#) – clinical trial not allowed

Maximizing the Scientific Value of Existing Biospecimen Collections: Scientific Opportunities for Exploratory Research

This FOA invites applications to stimulate exploratory research relevant to the mission of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP) using existing (publicly available) biospecimens currently stored in repositories in the United States. 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:** August 7, 2020, March 8, 2021

[RFA-ES-19-011 \(R21\)](#) – clinical trial not allowed

Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences

This FOA supports novel environmental health research in which an unpredictable event or policy change provides a limited window of opportunity to collect human biological samples or environmental exposure data. A distinguishing feature of an appropriate study is the need for rapid review and funding, substantially shorter than the typical NIH grant review/award cycle, for the research question to be addressed and swiftly implemented.

Application Due Dates: Monthly due dates starting November 1, 2019; please refer to the RFA.

Program Announcements Reviewed by an Institute (PAR)

[PAR-20-052 \(R03\)](#) – clinical trial optional

NCI Small Grants Program for Cancer Research for Years 2020, 2021, and 2022

The FOA supports small research projects on cancer that can be carried out in a short period of time with limited resources. Supported projects will include pilot and feasibility studies, secondary analysis of existing data; small self-contained research projects; development of research methodology; and development of a new research technology.

Application Due Dates: February 24, 2020; June 24, 2020; October 20, 2020; February 24, 2021; June 24, 2021; October 20, 2021; February 24, 2022; June 24, 2022; October 20, 2022

AIDS Application Due Dates: January 7, 2020; May 7, 2020; September 7, 2020; January 7, 2021; May 7, 2021; September 7, 2021; January 7, 2022; May 7, 2022; September 7, 2022; January 7, 2023

[PAR-20-035 \(R61/R33\)](#) – clinical trial optional

Integrative Research on Polysubstance Abuse and Disorder

The intent of this FOA is two-fold: (1) characterize how the neurobiological alterations, associated behaviors, and public health consequences arising from polysubstance use differ from, or are similar to, those observed in single drug use; (2) promote integrative polysubstance research along a translational pipeline, consisting of basic science research in animals, human-based laboratory investigations, and epidemiological studies. **Application Due Dates:** March 17, 2020, July 17, 2020, November 17, 2020, March 17, 2021, July 19, 2021, November 17, 2021, March 17, 2022, July 19, 2022, November 7, 2022

[PAR-20-036 \(R01\)](#) – clinical trial optional

Getting to Zero: Understanding HIV Viral Suppression and Transmission in the United States

This FOA supports grants to improve understanding of viral suppression and HIV transmission in the U.S. using population-level epidemiology, novel tools from data science approaches and m/eHealth, and implementation science research. Data generated through this research will be used to inform and evaluate context-specific HIV control strategies towards the goal of ending the HIV epidemic in the U.S.

Application Due Dates: Standard AIDS dates apply; **Expiration Date:** September 8, 2022

Program Announcements (PA)

The following opportunities have standard due dates unless noted otherwise:

[PA-20-067 \(K01\)](#)

AHRQ Mentored Research Scientist Career Development Award

Expiration Date: November 14, 2022

[PA-20-068 \(R01\)](#)

Improving Quality of Care and Patient Outcomes During Care Transitions

Expiration Date: December 6, 2022

FELLOWSHIPS

[PAR-20-021 \(F32\)](#) – clinical trial not allowed

NINDS Ruth L. Kirschstein National Research Service Award (NRSA) for Training of Postdoctoral Fellows

This NINDS F32 seeks to foster early, goal-directed planning and to encourage applications for bold and/or innovative projects by the candidate that have the potential for significant impact. Inclusion of preliminary data is strongly discouraged; rather, this F32 seeks innovative research ideas and thoughtful plans for training and mentorship that will facilitate the development of the postdoctoral fellow into an outstanding scientist. Candidates are eligible to apply for support from this program from ~12 months prior to the start of the proposed postdoctoral position to within 12 months after starting in the proposed postdoctoral position. **Application Due Dates:** February 11, 2020, June 9, 2020, October 14, 2020, February 11, 2021, June 9, 2021, October 14, 2021, February 9, 2022, June 8, 2022, and October 11, 2022

CENTERS FOR DISEASE CONTROL & PREVENTION

[RFA-DP-20-002](#)

Natural Experiments of the Impact of Population-targeted Policies to Prevent Type 2 Diabetes and Diabetes Complications

This FOA has 2 components:

Component A: Natural Experiment Research Centers will support a 5-year multi-center network of independent research centers to evaluate innovative, health system and non-health system-based natural experimental approaches that later the diabetogenic characteristics of US Communities. Applicants must select one of the following tracks:

- Track 1 – Evaluation of population-level programs or policies that affect population-level risk factors for type 2 diabetes (such as diet or physical activity, as well as other health behaviors; glucose; prediabetes); or
- Track 2 – Evaluation of programs or policies aimed at improving care and management of diabetes, and the risk for diabetes complications.

Component B: Provide organizational, logistic and communication support to enhance the efficiency, productivity, and public health impact of the Natural Experiments research centers that are funded as part of Component A.

Application Due Date: February 4, 2020

[RFA-IP-20-005](#)

Rapid-Cycle Survey Collaborative for Patient and Provider Input on Immunization Issues

This FOA supports a mechanism to obtain timely input from nationally representative samples of (a) healthcare providers, and (b) the public, on critical immunization issues of importance. The objectives of this research are (1) for each year of the project, to conduct multiple surveys of providers and the public to collect immunization-related data using scientifically sound methods with adequate response rates that produce generalizable results, and (2) to disseminate those results broadly to assist in (a) informing recommendations for new vaccines, (b) developing strategies to improve immunization coverage, and (c) instituting contingency plans to address urgent problems (e.g., vaccine supply shortages).

Application Due Date: February 25, 2020

ADMINISTRATION FOR COMMUNITY LIVING

National Institute on Disability, Independent Living, and Rehabilitation Research

[HHS-2020-ACL-AOA-CSSG-0365](#)

2020 Empowering Communities to Address Behavioral Health and Chronic Pain through Chronic Disease Self-Management Education Programs

This FOA is designed to address behavioral health and/or chronic pain among older adults and adults with disabilities through the implementation of appropriate evidence-based self-management education and self-management support programs. Applicants must propose to deliver one or more CDSME and/or self-management support programs, which must be on the list of pre-approved interventions (found in Appendix B & C of the FOA). Awards will range from \$200,000 to \$300,000 for a three-year project period. **Application Due Date:** January 29, 2020

[HHS-2020-ACL-NIDILRR-ARCP-0368](#)—Community Living and Participation

[HHS-2020-ACL-NIDILRR-ARHF-0369](#)—Health and Function

[HHS-2020-ACL-NIDILRR-AREM-0370](#)—Employment

[HHS-2020-ACL-NIDILRR-ARPO-0371](#)—Policy Research Fellowship

Advanced Rehabilitation Research Training (ARRT)

ARRT projects train rehabilitation researchers, with particular attention to research areas that support the implementation and objectives of the Rehabilitation Act. Applications must provide advanced research training to eligible individuals to enhance their capacity to conduct high-quality multidisciplinary and rehabilitation research.

Application Due Date: January 21, 2020

[HHS-2020-ACL-NIDILRR-IFDV-0374 \(Development\)](#)

[HHS-2020-ACL-NIDILRR-IFRE-0373 \(Research\)](#)

Field Initiated Projects Program

This Program seeks to generate new knowledge through research or to develop methods, procedures, and rehabilitation technology that maximizes the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities. There are two mechanism under the Program:

Development – applicants must use knowledge and understanding gained from research to create materials, devices, systems, methods, measures, techniques, tools, prototypes, processes or intervention protocols that are beneficial to the target populations.

Research – applicants must identify one or more hypotheses or research questions and perform an intensive, systematic study directed toward producing (1) new scientific knowledge; or (2) better understanding of the subject, problem studied, or body of knowledge

Application Due Date: January 27, 2020

FOUNDATION FUNDING OPPORTUNITIES

National Multiple Sclerosis Society

[Pilot Research Award on the Effects on Aging on Multiple Sclerosis](#)

The goal of this RFA is to advance the understanding on how aging contributes to the pathogenesis and natural history of MS progression and to use this knowledge to reveal potential targets and develop strategies that slow down or stop disability progression. Up to \$50,000 in funding is provided for one year to eligible researchers to test innovative, cutting-edge ideas or untested methods to understand the impact of aging on MS and to gather enough preliminary data to apply for longer-term funding. Researchers who have completed their post-graduate training, and who are considered eligible by their institutions may apply. **Application Due Dates:** January 8, 2020; May 6, 2020; and September 16, 2020

[Research Grants](#)

The Society welcomes investigator-initiated applications with high relevance to multiple sclerosis and the Society's [research priorities](#). The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation. Funding ranges from one to five years.

Application Due Date: February 12, 2020

Parkinson's Foundation

[Clinical Research Award](#)

This two-year award supports the research expenses of a clinician scientist whose clinically oriented research involves people living with Parkinson's disease. Clinician scientists of all stages (from fellows to established faculty) may apply but preference will be given to the support of junior investigators. Funding is for \$200,000 total for up to 2 years.

Application Due Dates: January 21, 2020 - Letter of Intent April 6, 2020 - Invited Application

[Impact Award](#)

This award is designed for researchers both established and new to the field of Parkinson's Disease. Projects should be "outside the box" with the goal of bringing new light to the biology of Parkinson's, or testing a novel therapeutic idea. Awards are up to \$150,000 for approximately 1 year.

Application Due Date: February 3, 2020 - Letter of Intent May 4, 2020 – Invited Application

