

Research Activities Newsletter

October 2020

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In the News: Congratulations to the following awardees



Sarah Heavey, Clinical Assistant Professor of Community Health and Health Behavior (CHHB), and Gregory Beehler, Research Assistant Professor of CHHB, are Co-PIs on a new award from the VA Pain/Opioid CORE's Rapid Start Funding for the project entitled, A Modified Hub and Spoke Model to Improve Access to Medication for Opioid Use Disorder. The project will evaluate whether delivery of medication has been improved following the implementation of a hub and spoke program (i.e., centralized intakes and inductions with MOUD maintenance managed by referring providers).



Katarzyna Kordas, Associate Professor of Epidemiology and Environmental Health (EEH), is PI on a new award from the National Institute of Environmental Health Sciences/NIH for the project entitled, *Effect of Complex Mixtures on Oxidative Stress and Cognition in Children*. Working with the SAM cohort in Uruguay, which has enrolled 679 1st grade children between the years 2012-19, the study will examine the extent to which chemical mixtures in early-middle childhood affect a molecular process thought to underlie the development of chronic disease, as well as functional endpoints that underlie children's learning and social interactions. **Hailey Banack**, Research Assistant Professor of EEH, **James Olson**, UB Distinguished Professor of EEH, and **Guan Yu**, Assistant Professor of Biostatistics, are Co-Is.



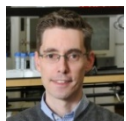
Lucia Leone, Assistant Professor of Community Health and Health Behavior, is PI on a new award from Community Foundation for Greater Buffalo/J. Warren Perry and Charles Donald Perry Memorial Fund for the research project entitled, *Implementation of a Mobile Market Program Serving Rural Tribal Communities in Western New York*. In collaboration with Seneca Nation Gakwi:yo:h Farms, the project will develop a nascent mobile market program serving lower-income and senior individuals living on the predominantly rural Cattaraugus and Allegany Indian Territories in Western New York. **Anne Lally**, Outreach Coordinator for the Veggie Van study, was instrumental in developing the collaboration.



Chang-Xing Ma, Associate Professor of Biostatistics, is Co-I on a new award from the National Institute on Aging/NIH (PI: Bruce Troen, Medicine) for the project entitled, *The Impacts of Vitamin D status and HIIT on Physical Performance and Frailty during Aging*. The one-year supplement seeks to determine the impacts of vitamin D on muscle stem cells in male and female young and old mice. The data generated will strengthen a larger R01 application as well as demonstrate the importance of Vitamin D for stem cell biology underlying physical performance during aging.



Kirkwood Personius, Clinical Associate Professor, is Co-PI on a new award from the SUNY Research Seed Grant Program for the project entitled, Improving Function after Peripheral Nerve Injury. Peripheral nerve injury disproportionately afflicts young healthy people, with large proportions demonstrating persistent weakness. This collaborative project between Drs. Personius, Andreadis (Chemical and Biological Engineering), and Udin (Physiology and Biophysics) will investigate whether NANOG, a gene essential to maintain embryonic stem cells, improves reinnervation of muscle following experimental nerve injury.



Todd Rideout, Associate Professor of Exercise and Nutrition Sciences (ENS), is PI on a new award from the USDA Agricultural Research Service for the research project entitled, *Protective Effects of Dietary Pulse Flours on Transgenerational Influence of Maternal Obesity*. The project will explore the influence of maternal dry bean consumption in protecting against the transgenerational impact of obesity through potential modulation of the intestinal microbiome in both mothers and offspring.



Jean Wactawski-Wende, Dean of SPHP and SUNY Distinguished Professor of Epidemiology and Environmental Health (EEH), is PI on a 7-year renewal from the National Heart, Lung and Blood Institute/ NIH for the project entitled *Women's Health Initiative (WHI) – Regional Center*. As the Northeast Regional Center for the WHI, the study will collect health outcomes and new risk factor data in the postmenopausal women who have been participants since the study launched in 1993. With 70,000 remaining active participants now aged between 78 and 103 years, the extension award will continue to focus on heart failure, atrial fibrillation, VTE, coronary heart disease, peripheral arterial disease (PAD), stroke and sleep disorders, as well as assess dementia, fracture, falls, physical function and mortality. Co-Investigators from EEH are **Hailey Banack**, Research Assistant Professor, **Michael LaMonte**, Research Associate Professor, **Amy Millen**, Associate Professor, and **Heather Ochs-Balcom**, Associate Professor.

Grant Clinic

GENERAL NOTICES

[NOT-OD-21-018](#)

Request for Information (RFI): Inviting Comments and Suggestions on the NIH-Wide Strategic Plan for COVID-19 Research

Because of the urgency and evolving nature of the pandemic, this plan is intended to be a living document, which will be continually updated to reflect new challenges presented by COVID-19. To ensure that it remains in step with public needs, this RFI invites stakeholders throughout the scientific research, advocacy, and clinical practice communities, as well as the general public to comment on the [NIH-Wide Strategic Plan for COVID-19 Research](#).

[NOT-OD-20-013](#)

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

[NOT-OD-21-014](#)

Supplemental Information to the NIH Policy for Data Management and Sharing: Elements of an NIH Data Management and Sharing Plan

[NOT-OD-21-015](#)

Supplemental Information to the NIH Policy for Data Management and Sharing: Allowable Costs for Data Management and Sharing

[NOT-OD-21-016](#)

Supplemental Information to the NIH Policy for Data Management and Sharing: Selecting a Repository for Data Resulting from NIH-Supported Research

The National Institutes of Health (NIH) is issuing this final NIH Policy for Data Management and Sharing (DMS Policy) to promote the management and sharing of scientific data generated from NIH-funded or conducted research. This Policy establishes the requirements of submission of Data Management and Sharing Plans (hereinafter Plans) and compliance with NIH Institute, Center, or Office (ICO)-approved Plans.

[NOT-OD-21-009](#)

NIH Operates Under a Continuing Resolution

The Federal government is now funded under a Continuing Resolution (CR) that expires on December 11. On October 21, NIH issued a [guide notice](#) about how it will operate during the period. The NIH said it will issue non-competing research awards at a level below that indicated on the most recent notice of award, generally up to 90 percent of the previously committed level. Upward adjustments will be considered when a full year appropriations bill is enacted. This has been NIH's normal procedure under CRs during the past decade or longer.

[NOT-MD-21-003](#)

Notice Announcing Availability of Data Harmonization Tools for Social Determinants of Health (SDOH) via the PhenX Toolkit

The purpose of this Notice is to announce a major data-harmonization effort at the National Institute on Minority Health and Health Disparities (NIMHD) and to encourage the minority health and health disparities research community to use new data collection tools emerging from this effort. Through the use of these SDOH measures and common data elements, minority health and health disparity researchers will be able to share, compare, and integrate data across studies. By advocating the use of these common measures, the NIMHD and its partners in the scientific community aim to further enhance the science of minority health and health disparities while advancing a culture of scientific collaboration.

[NOT-OH-21-004](#)

Additional Research Area of Interest for RFA-OH-21-004 "Exploratory/Developmental Grants Related to the World Trade Center Health Program (R21)"

This notice adds the following contents to the 'Purpose' section of this FOA. For the requirement to include the primary diseases or conditions listed in Section I of this FOA that you propose to study, please use "children's research" for research projects described below.

Opportunities for future health effects research involving persons exposed to the 9/11 attacks and aftermath as children are of special interest. This potentially vulnerable population is diminishing with time because of natural attrition and other losses, such as relocation outside of the NYC area. Research is urgently needed to identify the at-risk population, characterize the health burden, and inform care. Specifically, exploratory and developmental research projects are requested that:

- Develop and apply methods for identifying a cohort of eligible young adult study subjects (exposed and control groups) and determine their willingness to participate in future health effects research. These methods include, but are not limited to, community-based approaches to recruitment that engage existing outreach and education partners and mixed methods research to assess health concerns and interests in research participation.
- Develop methods to systematically determine whether there are unique vulnerabilities and health disparities among individuals exposed to the 9/11 attacks and aftermath as children.

[NOT-RM-21-004](#)

Notice of Clarification to the High-Risk, High-Reward Research Program: Pioneer: RFA-RM-20-011, New Innovator: RFA-RM-20-012, Transformative Research (RFA-RM-20-013, RFA-RM-20-020 & NOT-RM-20-019), and Early Independence (RFA-RM-20-014 & RFA-RM-20-021)

The purpose of this Notice is to inform applicants to the High-Risk, High-Reward Research (HRHR) program's FY2021 funding opportunity announcements that the Special Exception to NIH Post-Submission Material Policy During the COVID-19 Pandemic ***will not apply*** to applications submitted to:

- NIH Director's Pioneer Award (RFA-RM-20-011)
- NIH Director's New Innovator Award (RFA-RM-20-012)
- NIH Director's Transformative Research Award (RFA-RM-20-013, RFA-RM-20-020 and NOT-RM-20-019)
- NIH Director's Early Independence Award (RFA-RM-20-014 and RFA-RM-20-021)

Preliminary data are not required or expected for HRHR applications. Rather, HRHR proposals are expected to focus on the importance of the problem, novelty of the approach, and potential impact. Due to the special preliminary data limitations for applications submitted to HRHR initiatives, post submission of preliminary data ***will not be allowed for HRHR applications***.

NOTICE OF CHANGES TO FUNDING OPPORTUNITIES

[NOT-MH-21-045](#)

Notice of Extension to PA-18-399, "Research on Autism Spectrum Disorders (R03-Clinical Trial Optional)"

This Notice extends the expiration date for [PA-18-399](#), "Research on Autism Spectrum Disorders (R03-Clinical Trial Optional)". **New Expiration Date: March 17, 2021**

[NOT-MH-21-046](#)

Notice of Extension to PA-18-400, "Research on Autism Spectrum Disorders (R21-Clinical Trial Optional)"

This Notice extends the expiration date for [PA-18-400](#), "Research on Autism Spectrum Disorders (R21-Clinical Trial Optional)". **New Expiration Date: May 8, 2021**

[NOT-MH-21-047](#)

Notice of Extension to PA-18-401, "Research on Autism Spectrum Disorders (R01-Clinical Trial Optional)"

This Notice extends the expiration date for [PA-18-401](#), "Research on Autism Spectrum Disorders (R01-Clinical Trial Optional)". **New Expiration Date: May 8, 2021**

NOTICE OF INTENT TO PUBLISH A FUNDING

[NOT-OD-21-012 \(R01\)](#) Clinical Trial Optional

Announcement for Tobacco Regulatory Science

This Notice is to inform the research community that the National Institutes of Health (NIH) Tobacco Regulatory Science Program (TRSP), participating NIH Institutes and Centers (ICs) and the United States Food and Drug Administration (FDA) Center for Tobacco Products (CTP) intend to reissue the Funding Opportunity Announcement (FOA) [RFA-OD-20-028 "Tobacco Regulatory Science \(R01 Clinical Trial Optional\)"](#). When reissued, this FOA will continue to utilize the R01 grant mechanism. Modifications to this FOA will be the inclusion of new and revised research priorities. This Notice is being published now to inform prospective applicants in advance of this modification. The FOA is expected to be published in Spring 2021.

[NOT-MH-21-005 \(R01\)](#) Clinical Trials Optional

Notice of Intent to Publish a Funding Opportunity Announcement for HEAL Initiative: Optimizing Multi-Component Service Delivery Interventions for People with Opioid Use Disorder, Co-Occurring Conditions, and/or Suicide Risk

NIMH in partnership with other NIH Institutes, Centers, and Offices, intends to invite research that will optimize multi-component service delivery interventions for people with opioid use disorder (OUD) and co-occurring conditions, to include suicide risk. The purpose of the initiative is to support studies that will test (1) overall effectiveness of multi-component interventions for OUD and co-occurring conditions and (2) examine the relative contribution of constituent components to overall effectiveness. This research will streamline service packages so they only include components that drive clinical improvements for complex conditions. **First Estimated Application Due Date:** March 15, 2021

NOTICE OF SPECIAL INTERESTS

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-DA-20-084](#)

Effects of smoking and vaping on the risk and outcome of COVID-19 infection

NIDA is interested in receiving research applications focusing on individuals who smoke or vape either marijuana and/or tobacco to determine: 1) the risk of contracting a COVID-19 infection, 2) the effects on asymptomatic COVID-19 infected persons, and 3) the course of the COVID-19 infection. This notice applies to due dates on or after January 7, 2021 and subsequent receipt dates through September 8, 2024. Submit applications for this initiative using [PA-20-183](#), [PA-20-200](#), [PA-20-195](#). **Applicants must include "NOT-DA-20-084" in box 4B of the SF424 R&R form.**

[NOT-HD-20-022](#)

Notice of Special Interest: Small Grants for Secondary Analyses of Existing Data Sets and Stored Biospecimens

This Notice of Special Interest (NOSI) encourages applications that propose to conduct secondary analyses using publicly available NICHD-funded data sets or stored biospecimens. The goal of this program is to facilitate innovative yet cost-effective research utilizing data and biospecimens collected with NICHD resources. This notice applies to due dates on or after October 16, 2020 and subsequent receipt dates through May 8, 2023. Submit applications for this initiative using [PA-20-200](#). **Applicants must include “NOT-HD-20-022” in box 4B of the SF424 R&R form.**

NIH Funding Opportunities

NIH Funding Opportunities: Request for Applications (RFA)

NOVEMBER DUE DATES

[RFA-AA-20-009](#) P01 Clinical Trial Optional

Alcohol-HIV/AIDS Program Project Comorbidities, Coinfections, and Complications Research: Intervention and Cross-Cutting Foundational Research

This Funding Opportunity Announcement (FOA) solicits grant applications that propose research that can be translated into interventions in order to reduce infection and transmission of HIV in patients with alcohol use disorders.

Application Due Date: November 17, 2020

[RFA-CA-20-004 \(R01\)](#); [RFA-CA-20-005 \(R21\)](#) clinical trial optional

Research Answers to NCI’s Provocative Questions

These FOAs support research projects designed to solve specific problems and paradoxes in cancer research identified by the National Cancer Institute Provocative Questions Initiative. The current issuance of the PQ Initiative includes an updated set of 9 PQs. Please refer to the funding announcements for the updated list.

Application Due Dates: November 17, 2020

[RFA-CA-20-007 \(R21\)](#) clinical trial optional

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

This FOA invites applications for the development of innovative methods and algorithms in biomedical computing, informatics, and data science addressing priority needs across the cancer research continuum including cancer biology, cancer treatment and diagnosis, early cancer detection, risk assessment and prevention, cancer control and epidemiology, and/or cancer health disparities. **Application Due Dates:** November 18, 2020

[RFA-CA-20-008](#) Early Stage Development (U01)

[RFA-CA-20-009](#) Advanced Development (U24)

[RFA-CA-20-010](#) Sustained Support (U24)

Informatics Technologies for Cancer Research and Management – clinical trial optional

The central mission of these FOAs is to promote research-driven informatics technology across the development lifecycle to address priority needs in cancer research. In order to be successful, proposed development plans must have a clear rationale on why the proposed technology is needed and how it will benefit the cancer research field. In addition, mechanisms to solicit feedback from users and collaborators throughout the development process must be included.

Application Due Dates: November 18, 2020

[RFA-CA-20-052](#) U24 Clinical Trial Required

Limited Competition: Childhood Cancer Survivor Study

The purpose of this limited competition FOA is to continue support for the Childhood Cancer Survivor Study (CCSS) as a resource enabling broad studies on the long-term effects of cancer and its associated therapies on survivors of pediatric and adolescent cancers. CCSS is a multi-institutional collaborative project that supports a participant cohort of over 25,000 five-year survivors of childhood cancer diagnosed between 1970-1999 and over 5,000 sibling control subjects.

Application Due Date: November 18, 2020

[RFA-ES-20-015](#) R25 Clinical Trial Not Allowed

NIEHS Research Intensive Short Courses and Educational Opportunities (NIEHS RISE)

To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on: ***Courses for Skills Development***. The intent of this FOA is to encourage applications to develop and conduct short-term research education activities with the goal of improving knowledge and skills needed to conduct environmental health research. Short courses submitted under this FOA are expected to include relevant intensive hands-on training in environmental health science topics. In addition to in-person instruction, courses that incorporate innovative or novel education models, such as project-based learning or virtual instruction, are encouraged.

Application Due Date: November 30, 2020

[RFA-HD-21-025](#) P30 Clinical Trial Not Allowed

[RFA-HD-21-026](#) P50 Clinical Trial Optional

Maternal and Pediatric Precision in Therapeutics (MPRINT)

This Funding Opportunity Announcements (FOAs) invites applications to form the Knowledge and Research Coordination Center (KRCC) and Centers of Excellence in Therapeutics (CETs) of the NICHD's Maternal and Pediatric Precision in Therapeutics (MPRINT) Hub. The MPRINT Hub will create a broadly accessible, integrated platform in maternal and pediatric therapeutics research to facilitate research, regulatory science, drug development, and synergy across the broader scientific community. **Application**

Due Date: November 30, 2020

DECEMBER DUE DATES

[RFA-RM-20-015](#) U54 Clinical Trial Optional

[RFA-RM-20-016](#) U2R Clinical Trial Optional

[RFA-RM-20-017](#) U01 Clinical Trial Not Allowed

[RFA-RM-20-018](#) U2C Clinical Trial Not Allowed

Harnessing Data Science for Health Discovery and Innovation in Africa (DS-I Africa) Research Training Program

This Funding Opportunity Announcement (FOA) seeks applications for Research Hubs as part of a broader initiative entitled Harnessing Data Science for Health Discovery and Innovation in Africa (DS-I Africa). DS-I Africa Research Hubs will be funded to advance data science health research and innovation in Africa and support new African and global partnerships that enhance the impact of data science health research. Applicants must propose at least 2 distinct research projects and a system for soliciting, evaluating, and awarding smaller pilots projects, all focused on a central health theme that addresses priorities in an African country or region. Applications must be submitted from African academic or other non-profit organizations.

Application Due Date: December 08, 2020

[RFA-OH-21-003](#) U50 Research Project

Extension of the World Trade Center Health Registry

The purpose of this FOA is to extend and expand the World Trade Center Health Registry developed and managed by the New York City Department of Health and Mental Hygiene in a cooperative agreement with CDC. The new project will ensure ongoing data collection for victims of the September 11, 2001, terrorist attacks on the World Trade Center (WTC). The registry will continue to provide a central, unified database to assess short-term and long-term health effects among persons exposed to the WTC disaster.

Application Due Date: December 11, 2020

[RFA-OH-21-004](#) [R21](#) Exploratory/Developmental Research Grant

Exploratory/Developmental Grants Related to the World Trade Center Health Program

NIOSH supports exploratory and developmental research projects (R21) that address/mitigate/improve issues related to diagnostic or treatment uncertainty with respect to individuals, including enrolled World Trade Center (WTC) responders and certified-eligible WTC survivors, receiving monitoring and/or treatment under subtitle B, of the James Zadroga 9/11 health and Compensation Act ([Public Law 111-347](#)).

Application Due Date: December 08, 2020

JANUARY DUE DATES

[RFA-CA-20-049](#) ([CEEER](#); [UG3/UH3](#)) Clinical Trial Not Allowed

[RFA-CA-20-050](#) ([CEEER](#), [U24](#)) Clinical Trial Not Allowed

New Cohorts for Environmental Exposures and Cancer Risk

Applicants are encouraged to use validated and reproducible innovative techniques to measure environmental exposures relevant to the proposed scientific research questions. The cohorts should include racial/ethnic minorities and understudied populations to address the unequal burden of cancer that currently exists in those populations. In this FOA, environmental exposures refer to physical, chemical, and biological factors external to a person, and related behavioral factors.

Application Due Date: January 29, 2021

FEBRUARY DUE DATES

[RFA-CA-20-055](#) ([K99/R00](#)) Independent Basic Experimental Studies with Humans Required NCI

[RFA-CA-20-056](#) ([K99/R00](#)) Independent Clinical Trial Not Allowed

[RFA-CA-20-057](#) ([K99/R00](#)) Independent Clinical Trial Required

NCI Pathway to Independence Award for Outstanding Early Stage Postdoctoral Researchers

The purpose of this program is to increase and maintain a strong cohort of new and talented, NCI-supported, independent investigators. This program is designed for postdoctoral fellows with research and/or clinical doctoral degrees who do not require an extended period of mentored research career development beyond their doctoral degrees. The objective of this award is to facilitate a timely transition of these fellows from their mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. **Application Due Date:** February 26, 2021

MULTIPLE DUE DATES

[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. In addition, NIH is interested in new screening tools and models focused specifically on pain and development of pain therapies. **Application Due Dates:** January 6, 2021, April 6, 2021, September 8, 2021, January 6, 2022, April 6, 2022, and September 8, 2022

[RFA-AG-21-021](#) K76 Clinical Trial Required

Paul B. Beeson Emerging Leaders Career Development Award in Aging

This FOA invites early-stage physician and other health professional investigators with a commitment to aging and/or aging-related diseases to apply for this award to advance their research and leadership skills in their specialty and in the broader field of aging and geriatrics research. LOI due 30 days before application due date.

Application Due Dates: February 3, 2021, October 22, 2021, and October 21, 2022

[RFA-NS-19-043 \(K99/R00\)](#) clinical trial not allowed
[RFA-NS-19-044 \(K99/R00\)](#) independent clinical trial required

BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity

This program is designed to facilitate a timely transition of outstanding postdoctoral researchers with a research and/or clinical doctorate degree from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. The BRAIN Initiative is aimed at revolutionizing our understanding of the human brain. By accelerating the development and application of innovative technologies, researchers will be able to produce a new dynamic picture of the brain that, for the first time, will show how individual cells and complex neural circuits interact in both time and space.

Application Due Dates: February 10, 2021; June 9, 2021; October 6, 2021; February 10, 2022; June 8, 2022; October 11, 2022

[RFA-OD-20-008 \(K01\)](#) clinical trial not allowed
[RFA-OD-20-011 \(K01\)](#) clinical trial required

Mentored Research Scientist Career Development Award in Tobacco Regulatory Research

This award provides support and protected time (2-5 years) for an intensive, supervised career development experience in biomedical, behavioral, and social science research that will inform the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing and that will lead to research independence. Candidates for the K01 award must have a research or health-professional doctoral degree.

Application Due Dates: February 08, 2021, October 08, 2021, July 8, 2022

[RFA-OD-20-009 \(K99/R00\)](#) clinical trial not allowed
[RFA-OD-20-010 \(K99/R00\)](#) clinical trial required

Pathway to Independence Award in Tobacco Regulatory Research

This program is designed to facilitate a timely transition of outstanding postdoctoral researchers with a research and/or clinical doctorate degree from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. This program will provide independent research support during this transition in order to help awardees launch competitive, independent research careers.

Application Due Dates: February 08, 2021, October 08, 2021, July 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, 2021, September 8, 2022

[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; please refer to the RFA.

[RFA-CA-20-051 \(R01\)](#) Clinical Trial Required

Applications should focus on primary prevention and assess and address one or more of the social and behavioral risk factors that contribute to cancer disparities in rural populations: tobacco use; diet, physical activity and weight; alcohol use; UV exposure; and HPV vaccination. Applications should also assess and address myriad social determinants of health, cultural factors, and health care and technology access barriers that may contribute to rural cancer disparities. This FOA also encourages implementation science research, to incorporate efficacious cancer control interventions in a coordinated way, into broader, sustainable health programs that are designed to reach rural populations and allow local customization and adaptation.

Application Due Dates: March 15, 2021; January 18, 2022.

NIH Funding Opportunities: Program Announcements Reviews in an Institute (PAR)

PAR-20-236(R25) Clinical Trials Not Allowed

Providing Research Education Experiences to Enhance Diversity in the Next Generation of Substance Use and Addiction Scientists

This FOA invites applications from established researchers with a record of NIH funding, who can demonstrate that they have successfully guided previous early career scientists to independent research careers and are able to direct an educational research capacity building program. This R25 program intends to strengthen the pipeline of individuals in biomedical, behavioral, and clinical substance use and addiction research across various stages of the research pipeline to enhance the number of independently funded investigators from diverse backgrounds. **Application Due Dates:** March 15, 2021, August 10, 2021, November 15, 2021, March 15, 2022, August 10, 2022, November 15, 2022, March 15, 2023, August 10, 2023, November 15, 2023

PAR-20-310 (R01) Clinical Trial Optional

Health Services Research on Minority Health and Health Disparities

The primary interest of this FOA is research on system-wide health services research that encompasses the diversity of individuals served within these health care systems. It is expected that projects will include patient or participant samples that are representative of the population served by the health care system(s) to be studied. Projects that include populations that identify across more than one health disparity group are encouraged.

Application Due Dates: November 27, 2020; March 17, 2021; November 17, 2021; March 17, 2022; November 17 2022; February 17, 2023.

PAR-20-302(R01)

PAR-20-303 (R21)

Tobacco Control Policies to Promote Health Equity

Specifically, this FOA aims to stimulate scientific inquiry focused on innovative state and local level tobacco prevention and control policies. The long-term goal of this FOA is to reduce disparities in tobacco-related cancers, and in doing so, to promote health equity among all populations.

Application Due Dates: November 12, 2020; thereafter, [Standard dates](#) apply.

PAR-20-289 (R25)-Clinical Trial Not Allowed

NIAID Research Education Program

The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. The PD/PI should be an established investigator in the scientific area in which the application is targeted and capable of providing both administrative and scientific leadership to the development and implementation of the proposed program. The PD/PI will be expected to monitor and assess the program and submit all documents and reports as required. Participants are limited to the following individuals:

- Graduate/health professional (e.g., medical) students, medical residents, postdoctoral fellows, and/or early-career faculty. For this program "early career faculty" must be within the first 8 years of their first faculty appointment.
- Participants may be from a single career stage, or programs may propose to bridge several career stages of participants.
- Participants may be early career researchers that are moving into new research areas relevant to the NIAID research.

Note that high school and undergraduate students, postbaccalaureate fellows, and master's level graduate students may not be supported as participants under this FOA.

Application Due Dates: December 7, 2020; December 7, 2021; and December 7, 2022

[PAR-21-027 \(R01\)](#) Clinical Trial Not Allowed

Multidisciplinary Approaches to HIV-Associated Comorbidities and Prioritizing Intervention Targets

This FOA seeks applications for comprehensive systems biology studies using multidisciplinary team science to identify common, overlapping etiologies of HIV-associated comorbidities. Ultimately, the goal is to identify targets for intervention to mitigate multiple comorbidities associated with HIV infection.

Application Due Dates: January 7, 2021, May 7, 2021, January 7, 2022, May 7, 2022, January 7, 2023.

[PAR-21-044 \(X01\)](#)

Population Assessment of Tobacco and Health (PATH) Study Biospecimen Access

This Funding Opportunity Announcement (FOA) allows investigators to apply for access to the Population Assessment of Tobacco and Health (PATH) Study biospecimens for use in conducting tobacco-related research studies. The PATH Study collects data from adults and youth. Investigators proposing meritorious and feasible studies consistent with [PATH Study objectives](#) and/or research priorities for tobacco regulatory science will be given highest priority for access to PATH Study biospecimens.

Application Due Dates: April 30, 2021, October 29, 2021, April 29, 2022, October 31, 2022, April 28, 2023, October 31, 2023.

[PAR-20-307\(P30\)](#) Clinical Trial Optional

[PAR-20-308\(P30\)](#) Clinical Trial Optional

Developmental AIDS Research Centers on Mental Health and HIV/AIDS

D-ARC awards permit the centralized coordination of affiliated research activities, foster the development of scientific innovations and new collaborations, encourage interdisciplinary research, and facilitate the dissemination of public health advances to implementing agencies, academia, affected communities, and policymakers. These Centers must have the potential to support research over a range of cross-cutting areas that may include biological, biomedical, behavioral, neuroscience, mental health, prevention, clinical sciences, and implementation science research.

Application Due Dates: August 25, 2021, August 25, 2022, and August 25, 2023.

[PAR-21-046\(G13\)](#) Clinical Trial Not Allowed

NLM Grants for Scholarly Works in Biomedicine and Health

The National Library of Medicine (NLM) awards Grants for Scholarly Works in Biomedicine and Health for the preparation of book-length manuscripts and other works of academic and/or public health policy value to U.S. health professionals, public health officials, biomedical researchers, historians of the health sciences, and scholars of all disciplines working at the intersection of the digital humanities/data science and the history of the health sciences.

Application Due Dates: February 26, 2021

NIH Funding Opportunities: Program Announcements (PA)

The following opportunities have standard due dates unless noted otherwise:

[PA-20-272](#)

Administrative Supplements to Existing NIH Grants and Cooperative Agreements (Parent Admin Supp Clinical Trial Optional)

Expiration Date: July 24, 2023

[PA-21-047](#) Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)

[PA-21-048](#) Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)

[PA-21-049](#) Ruth L. Kirschstein National Research Service Award (NRSA) Individual Fellowship for Students at Institutions with NIH-Funded Institutional Predoctoral Dual-Degree Training Programs (Parent F30)

[PA-21-050](#) Ruth L. Kirschstein National Research Service Award (NRSA) Individual Fellowship for Students at Institutions Without NIH-Funded Institutional Predoctoral Dual-Degree Training Programs (Parent F30)

[PA-21-051](#) Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)

[PA-21-052](#) Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31-Diversity)

Expiration Date: September 8, 2023

Individual Actions for Sustainability

- Move your thermostat down 2° in winter and up 2° in summer

Almost half of the energy we use in our homes goes to heating and cooling.

- You could save about 2,000 pounds of carbon dioxide a year with this simple adjustment. The [American Council for an Energy](#) has more tips for saving energy on heating and cooling.



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