



Research Activities Newsletter

The latest news and announcements



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In the News: Congratulations to the following awardees!!!



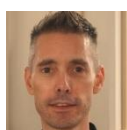
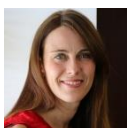
Michael LaMonte, Research Professor of Epidemiology and Environmental Health, is PI on a continuation of his award from Ken County Memorial Hospital/NIH for the research project entitled, *Racial/Ethnic Disparities in Heart Failure: A Cross Cohort Collaboration*. The study continues to evaluate the magnitude and potential causes of racial/ethnic and sex disparities in incident heart failure and its subtypes and their prognosis in 130,000 men and women from 10 pooled cohorts.



Lina Mu, Associate Professor of Epidemiology and Environmental Health, is PI a new award from Eunice Kennedy Shriver National Institute of Child Health & Human Development/NIH for the research project entitled, *The Prenatal and Childhood Mechanisms of Health Disparities*. **Jean Wactawski-Wende**, Dean of the SPHHP and SUNY Distinguished Professor of Epidemiology and Environmental Health is the Co-I on this award. The project is designed to investigate the following: 1) socioeconomic and race/ethnic disparities in parental psychopathology health-related behaviors and maternal neuroendocrine-immune and metabolic responses during pregnancy, and to explore whether experiences during the Covid-19 pandemic play a role in socioeconomic and race/ethnic disparities in maternal health; as well as, 2) socioeconomic and race /ethnic disparities in children's health and development from birth through the first year of life; and explore whether experiences during Covid-19 pandemic play a role in socioeconomic and race/ethnic disparities in child health and development.



Ekaterina Noyes, Professor of Epidemiology and Environmental Health and Associate Dean for Translational and Team Science, **Heather Orom**, Associate Professor of Community Health and Health Behavior and **Gregory Wilding**, Professor and former Chair of Biostatistics are Co-I's on a new award from the National Institute on Minority Health and Health Disparities/NIH (PI: Lucy Holmes, Pediatrics) for the research project entitled, *Project ASTHMA – Aligning with Schools to Help Manage Asthma and Decrease Health Inequities*. This project aims to assess the effectiveness of school-based health centers (SBHCs) as a cost effective health care delivery model to reduce asthma symptoms, exacerbations, ED visits, and hospitalizations in children with uncontrolled asthma who live in communities with health inequities. If disseminated, Project ASTHMA has the potential to improve the health of children in high-poverty schools throughout the country.



Todd Rideout, Associate Professor of Exercise and Nutrition Sciences, is PI on a new award from the Department of Agriculture for the research project entitled, *PCHI: Protective Mechanisms of Pulse Consumption in the Development of Non-alcoholic Fatty Liver Disease (NAFLD) in Mothers and Offspring Across Life Stages*. Using a translatable diet-induced obese Sprague-Dawley rat model, a life-stage approach will be used to evaluate pulse crop consumption in protecting against metabolic syndrome and dysfunctional hepatic lipid metabolism associated with NAFLD.



Jean Wactawski-Wende, Dean of SPHHP and SUNY Distinguished Professor of Epidemiology and Environmental Health is PI on a continuation of the award from the National Heart, Lung and Blood Institute/NIH for the research project entitled, *Women's Health Initiative – Regional Center*. As the Northeast Regional Center for the WHI, the study will continue to collect health outcomes and new risk factor data in the postmenopausal women who have been participants since the study was 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 Professor, **Amy Millen**, Associate Professor, and **Heather Ochs-Balcom**, Associate Professor.



Grant Clinic



Expansion of Services at UB's Office of Research Advancement (ORA)

Although the RAS staff are ready, willing, and able to assist you with a wide range of pre-award services, ORA (see link below) has expanded the services that it provides to faculty working on grant applications, especially applications to federal funders such as NIH and NSF.

<https://www.buffalo.edu/research/about-us/units/ora.html>

ORA Services

- **Small- and Large-Scale Proposal Management:** Coordinate the entire proposal package; assist in supplemental document preparation; facilitate proposal submission.
- **Technical Document Editing:** Comprehensive proposal editing services for technical and narrative documents.
- **In-house Graphics Design:** Create comprehensive proposal visuals (i.e., org charts; timelines; work plans; project organization; etc.).
- **Specialized Grant Support Services:** Consultation and development of Project Evaluation; Management Plan(s); and Research Impacts (Broader Impacts, DEI plans).
- **Writing Series:** Hands-on grant writing programs to improve grantsmanship.

Notice of Intent to Publish

[NOT-AT-24-014](#)

Notice of Intent to Publish a Notice of Funding Opportunity for Investigator Initiated Clinical Trials of Complementary and Integrative Interventions Delivered Remotely or via mHealth (R01 Clinical Trial Required)

This Notice encourages applications for investigator-initiated fully remotely delivered and conducted clinical trials to assess the efficacy or effectiveness of complementary and integrative health interventions in NCCIH designated areas of high research priority. Applications submitted under this NOFO are expected to propose a remotely delivered and conducted fully-powered clinical trial with no in-person contact between research staff and study participants and may utilize mHealth tools or technologies. Expected publication December 2023. Expected application due date in Winter 2024.

[NOT-AT-24-015](#)

Notice of Intent to Publish a Notice of Funding Opportunity for Feasibility Clinical Trials of Mind and Body Interventions for NCIH High Priority Research Topics (R34 Clinical Trial Required)

The goal of this funding opportunity is to support feasibility trials of complementary and integrative health approaches with physical and/or psychological therapeutic inputs (often called mind and body interventions) for conditions that have been identified by NCCIH as high priority research topics. This funding opportunity is intended to support feasibility clinical trials that provide new information that are scientifically necessary for the planning and conduct of a subsequent clinical efficacy or effectiveness study, pragmatic trial, or dissemination and implementation trial within NCCIH's mission. The NOFO is expected to be published in December 2023 with an expected application due date in Winter 2024.

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-AI-23-070](#) – Ending the HIV Epidemic (EHE)

This NOSI invites research applications to advance the goals of Ending the HIV Epidemic (EHE) through the conduct of implementation research in communities disproportionately impacted by HIV in the EHE geographic priority areas. The overall objective of EHE is to address the ongoing public health crisis with goals of first reducing the number of incident infections in the U.S. by 75% by 2025, and at least 90% by 2030, compared to the baseline infection rate in 2017. This notice applies to due dates on or after **January 7, 2024**, and subsequent receipt dates through **January 9, 2024**.

NIH Funding Opportunities: Request for Applications (RFA)



Addictions/Substance Use

[RFA-DA-24-066](#) – (R61/R33 Clinical Trial Optional)

[RFA-DA-24-067](#) – (R01 Clinical Trial Optional)

HEAL Initiative: Research to Increase Implementation of Substance Use Preventative Services

The goal of this initiative is to support research that can improve public health and respond to the opioid crisis by increasing knowledge pertaining to the delivery and sustainability of prevention services. This Notice solicits applications to address understudied areas of opportunity that, if researched, could create the foundation needed to inform a prevention infrastructure for ongoing delivery and sustainment of interventions to prevent opioid and other substance misuse and use disorders. Please click on individual Notices to obtain the differences in application submission. **Application Due Date:** Multiple Dates; see announcement. **Expiration Date:** January 17, 2026.

[RFA-DA-24-031](#) – (R01 Clinical Trial Optional)

[RFA-DA-24-032](#) – (R01 Basic Experimental Studies with Humans Required)

[RFA-DA-24-033](#) – (R61/R33 Clinical Trial Optional)

Mechanistic Research on Neuromodulation for Substance Use Disorders Treatment

This Notice seeks clinical research applications that propose to identify and validate new non-invasive brain stimulation (NIBS) e.g., Transcranial Magnetic Stimulation, Transcranial Direct or Alternating Current Stimulation--targets for Substance Use Disorder (SUD) and SUD-relevant neurobiological, cognitive, or behavioral response to NIBS that may precede clinical outcomes like reduced craving or substance use. Together these goals seek to provide a more complete understanding of the cognitive, behavioral, and neurobiological effects of neuromodulation. Such studies should lead to stronger mechanistic understanding of circuit-level dysfunction in SUD as well as indices of NIBS response that may precede long term clinical symptom relief. To read more about the Companion Funding Opportunities, please click the links provided above.

Application Due Dates: Multiple Dates; see announcement. **Expiration Date:** August 15, 2026.

[RFA-DA-24-025](#) – (R25 Clinical Trial Not Allowed)

NIDA REI: Training a Diverse Data Science Workforce for Addiction Research

This NOFO invites applications that propose to train a diverse data science workforce in the drug addiction research field to accelerate the pace of biomedical and socio-behavioral innovation in drug addiction research. The goal of this R25 program is to support educational activities that help recruit individuals with specific specialty or disciplinary backgrounds to research careers in biomedical, behavioral and clinical sciences. **Application Due Date:** January 24, 2024; **Expiration Date:** January 25, 2024

[RFA-DA-24-026](#) – (R15 Clinical Trial Not Allowed)

NIDA REI: Academic Research Enhancement Award (AREA) Training a Diverse Data Science Workforce for Addiction Research

This Notice is a part of NIDA's Racial Equity Initiative (REI). The purpose of this Academic Research Enhancement Award (AREA) for Undergraduate-Focused Institutions is to support small scale research grants at institutions that do not receive substantial funding from the NIH, with an emphasis on providing research experience that intersects drug addiction and data science primarily for undergraduate students, and enhancing the drug addiction research environment that applies data science at applicant institutions. The goal of this program is to train a diverse data science workforce to leverage the potential of artificial intelligence and machine learning (AI/ML) to accelerate the pace of socio-behavioral and biomedical innovation in drug addiction research. **Application Due Date:** January 24, 2024; **Expiration Date:** January 25, 2024

HIV/AIDS

[RFA-DA-25-011](#) – (R01 Clinical Trial Not Allowed)

Exploratory studies to investigate mechanisms of HIV Infection, Replication, Latency, and/or Pathogenesis in the Context of Substance Use Disorders

This Notice will support high risk high impact studies that 1) develop or apply novel tools or technologies or 2) test novel hypotheses to investigate mechanistic questions in HIV infection, replication, latency, and/or pathogenesis (including neuroHIV) in the context of Substance Use Disorders (SUDs). The purpose of this NOFO is to support milestone-driven preclinical research that will propose to test a novel or out-of-the-box hypothesis to advance the HIV/SUD research area.

Application Due Dates: August 14, 2024, August 14, 2025; **Expiration Date:** August 15, 2025.



[RFA-DA-25-059](#) – (R34 Clinical Trial Optional)

Ending the Epidemic: New Models of Integrated HIV/AIDS, Addiction, and Primary Care Services

The NOFO is to support the development and testing of enhanced models of care that optimally integrate HIV, Hepatitis B and C, addiction, and primary care services. NIDA is interested in research that addresses gaps related to the delivery of comprehensive, integrated health services to include the full continuum of HIV/AIDS services, addiction prevention and treatment services, and primary care services, with a goal of improving the coordination of care, and improving health outcomes related to HIV, Hepatitis (optional), and substance use disorder (SUD) in the US. **Application Due Dates:** August 20, 2024; March 19, 2025; **Expiration Date:** March 20, 2025.

[RFA-DA-24-005](#) – (R01 Clinical Trials Optional)

[RFA-DA-24-006](#) – (R01 Basic Experimental Studies with Humans (BESH) Required)

Mechanistic Studies of the Effects of Psychosocial Stress on Complex Morbidity Involving SUD, Psychiatric Disorders, and HIV

The purpose of this Notice is to solicit applications for research aimed at elucidating neurobiological mechanisms underlying the influence of psychosocial stress on substance use disorders (SUDs) and co-occurring psychiatric disorders in people living with HIV (PLWH). Applicants proposing projects involving animal models or observational studies in humans should use the companion [RFA-DA-24-005](#). **Application Due Date:** February 15, 2024; **Expiration Date:** February 16, 2024.

[RFA-MD-24-003](#) – (R01 Clinical Trial Required)

Interventions to Address HIV-Related Comorbidities among Highly Affected Populations Experiencing Health Disparities

This initiative will support multilevel and multidisciplinary intervention research to improve quality of life and promote successful aging among people with HIV with HIV associated non-AIDS comorbidities across the life course from racial and ethnic minority populations and from lower socioeconomic status backgrounds, who are disproportionately affected. **Applications Due Dates:** Multiple Dates; see announcement. **Expiration Date:** December 12, 2026.

Miscellaneous

[RFA-OD-24-001](#) – (K18 Clinical Trial Not Allowed)

Career Enhancement Award to Advance the Study of Intimate Partner Violence (IPV) in the Context of Maternal Morbidity and Mortality Research

The overall goal of the NIH Research Career Development program is to help ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the Nation's biomedical, behavioral, and clinical research needs. The purpose of this NOFO is to provide experienced investigators with support for an intensive period of mentored research experience to acquire new research capabilities in research areas supported by the sponsoring NIH Institute(s)/Center(s). **Application Due Date:** December 1, 2023; **Expiration Date:** December 2, 2023.

[RFA-FD-24-001](#)

Data Standards for Tobacco Research and Scientific Review Phase 2

The Center for Tobacco Products (CTP) at the Food and Drug Administration (FDA) invites applications for data standards and terminologies development projects to support high-quality tobacco research, streamline scientific review, and evaluation, and ultimately, improve public health outcomes related to tobacco use. The primary objective is to support open, consensus-based, data standards for use in studies of tobacco products. A secondary objective is to promote and educate federal regulators, tobacco industry, and global organizations on the use of standardized data to facilitate data sharing, integration, and analysis. **Application Due Date:** December 13, 2023; **Expiration Date:** October 14, 2028.

[RFA-OD-24-002](#) (R25 Clinical Trial Not Allowed)

R25 for Short courses on Techniques for Measuring Intimate Partner Violence (IPV) in Different Populations

The NIH Research Education Program supports research education activities in the mission areas of the NIH. The overarching goal of this program is to support educational activities that foster a better understanding of biomedical, behavioral and clinical research and its implications. To accomplish the stated over-arching goal, this NOFO will support educational activities with a primary focus on: Courses for Skills Development. **Application Due Date:** December 1, 2023; **Expiration Date:** December 2, 2023.





NIH Funding Opportunities (PAR)

Cancer

[PAR-23-308](#) (U54 Clinical Trial Optional)

Comprehensive Partnerships to Advance Cancer Health Equity (CPACHE)

This funding opportunity seeks to support the Comprehensive Partnerships to Advance Cancer Health Equity (CPACHE) Program. The CPACHE Program develops and maintains comprehensive, long-term, and mutually beneficial partnerships between institutions serving underserved health disparity populations and underrepresented students (ISUPs) and NCI-designated Cancer Centers (CCs). The program aims to achieve a stronger national cancer program and address challenges in cancer and cancer disparities research, education, and outreach, as well as cancer's impact on underserved populations. **Application Due Date:** January 16, 2024; **Expiration Date:** January 17, 2024.

HIV/AIDS

[PAR-23-296](#) – (R21 Clinical Trial Not Allowed)

[PAR-23-297](#) – (R01 Clinical Trial Not Allowed)

Opportunities for HIV Cure Strategies at the Time of ART Initiation

The purpose of this Notice of Funding Opportunity (NOFO) is to identify cure strategies suitable for administration at the start of combination antiretroviral therapy (cART) and/or at cART restart after an analytical treatment interruption (ATI), with the ultimate goal of achieving sustained treatment-free remission. **Application Due Dates:** Multiple Dates; see announcement. **Expiration Date:** September 8, 2026.

Miscellaneous

[PAR-23-222](#) – (F99/K00 Clinical Trial Not Allowed)

Advancing Research Careers (ARC) Predoctoral to Postdoctoral Transition Award to Promote Diversity

The purpose of the Advancing Research Careers (ARC) Predoctoral to Postdoctoral Transition Award to Promote Diversity (F99/K00) program is to support promising, late-stage graduate students from diverse backgrounds, to transition into and succeed in mentored postdoctoral research positions that will further their career in the biomedical, clinical, behavioral and social sciences (collectively termed "biomedical") research workforce. **Application Due Dates:** Multiple Dates; see announcement. **Expiration Date:** May 8, 2027

[PAR-23-303](#) – (R01 Clinical Trials Not Allowed)

Unveiling Health and Healthcare Disparities in Non-Communicable and Chronic Diseases in Latin America: Setting the Stage for Better Health Outcomes Across the Hemisphere

This Notice will support innovative, collaborative, and interdisciplinary research focused on clinical epidemiology, evaluation of public and/or health care policies, and validation of measurements that address health and healthcare disparities related to non-communicable and chronic diseases (NCDs) with the highest disease burden and mortality in Latin America and among U.S. Hispanics/Latinos. The initiative will support the analysis of existing health care datasets and health care systems to explore health disparities within the context of clinical/health services and/or health care systems. The evaluation of existing interventions integrated into health care and/or community settings and how health equity is attained is of primary interest. **Application Due Dates:** Multiple Dates; see announcement. **Expiration Date:** January 7, 2027.

[PAR-23-304](#) – (R01 Clinical Trial Required)

Interventions on Health and Healthcare Disparities on Non-Communicable and Chronic Diseases in Latin America: Improving Health Outcomes Across the Hemisphere

The purpose of this NOFO is to support innovative and interdisciplinary team research focused on clinical, health services, and/or community-based interventions that address health and healthcare disparities related to non-communicable and chronic diseases (NCDs) with the highest disease burden and mortality in Latin America and among U.S. Hispanics/Latinos. **Application Due Dates:** Multiple Dates; see announcement. **Expiration Date:** January 7, 2027.



[PAR-23-309](#) – (R01 Clinical Trials Optional)

Health and Health Care Disparities Among Persons Living with Disabilities

The focus of this Notice is to emphasize research at the intersection of disabilities, race and ethnicity, and socioeconomic status (SES) in persons with developmental and physical disabilities. The overarching goals of this funding opportunity are to support innovative research that focuses on the health (e.g., conditions, outcomes, trajectories, etc.) and healthcare (e.g., modalities systemic or structural factors, access/barriers, service delivery, care quality, utilization, etc.) of persons living with disabilities and the intersections with race and ethnicity, and SES. **Application Due Dates:** Multiple Due Dates; see announcement. **Expiration Date:** November 6, 2026.

Foundation Opportunities

Robert Wood Johnson Foundation

[Evidence for Action: Research to Advance Racial Equity](#)

Evidence for Action (E4A) prioritizes research to evaluate specific interventions (e.g., policies, programs, practices) that have the potential to counteract the harms of structural and systemic racism and improve health, well-being, and equity outcomes. This funding is geared toward studies about “upstream” causes of health inequities, such as the systems, structures, laws, policies, norms, and practices that determine the distribution of resources and opportunities, which in turn influence individuals’ options and behaviors. Research should center on the needs and experiences of communities exhibiting the greatest health burdens and be motivated by real-world priorities. **Applications are accepted on a rolling basis.**

Limited Submissions

Only one application per institution is allowed for the following FOAs and prior approval from the OVPR is required to be the sole applicant. If interested in applying, please provide the OVPRED with notification 60 days prior to the deadline to ovpr.limitedsubmission@research.buffalo.edu before proceeding with the application.

[Limited Submission Funding Opportunities](#)

Prior Research Opportunities can be found on the SPHHP RAS website and by clicking the link below:

[Research Opportunities from Past Newsletters](#)

Words to Live By

"I have always believed that exercise is not only a key to physical health but to peace of mind."

- Nelson Mandela

For more information on RAS services, visit our website at sphhp.buffalo.edu/ras

