

SPHHP Research Activities Newsletter

University at Buffalo

February 2019

IN THE NEWS

Congratulations to the Following Awardees!



Elizabeth Mietlicki-Baase, Assistant Professor of Exercise & Nutrition Sciences, is PI on a new award from University at Buffalo's CTSI Translational Pilot Studies Program for the project entitled, *Interaction between Meal Composition and Weight Status on Feeding-and Stress-related Hormones*. The study will determine if palatable foods high in fat versus high in carbohydrate differentially mediate release of feeding- and stress-related hormones after a stressor, and if effects are modulated by weight status.



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



Guan Yu, Assistant Professor of Biostatistics, is Co-I on a new award from the National Cancer Institute/NIH (PIs: Yun Wu Biomedical Engineering & Qiaoqiang Gan, Electrical Engineering) for the project entitled, *Exosome-Protein-microRNA-OneStop (Exo-PROS) biosensor: a new liquid biopsy for cancer screening and early detection*. Using the Exo-PROS biosensor that the PIs developed, the project seeks to optimize the biosensor to further improve its sensing performance, and then use lung cancer as the disease model to demonstrate its clinical utility in cancer screening and early detection.

GRANT CLINIC

NIH Reporting Change: The process for submitting to NIH the required Research Performance Progress Report has changed for those with inclusion enrollment updates. The new two-step process is detailed [here](#) and [here](#).

NIH Posts New Human Subjects Research Web Site: NIH has posted a new Protection of Human Subjects [web site](#). The site provides useful information about proposing and conducting NIH extramural research involving human subjects, including policies, regulations, training, resources, and updated information on the revised human subjects regulations.

NIH Regional Seminar in Baltimore: NIH will host is Regional Seminar on Funding and Grants Administration on May 15-17, 2019. During the 2-day seminar, there will be concurrent sessions, designed for administrators, researchers, grant writers, etc. You can also get more personalized guidance during the 1:1 Meet the Expert chats. For information, visit the [NIH Regional Seminar web page](#). Register for the conference [here](#).

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eRA Commons Quick Queries: A series of search tools can be found on the right navigation column on the [eRA Commons login page](#). There are five quick queries, each designed to retrieve specific information: 1. Grants Pending Closeout; 2. Commons Registered Organizations; 3. Progress Report Search by IPF number; 4. IPF Number Search; and 5. Issued Notice of Award. You do not need to be logged into eRA Commons to access the search tool. If you have utilized Quick Queries in the past and have bookmarked the page, please note that the old URL (will have '/chl/public/' as part of the address) stopped working as of February 19, 2019. You will need to revisit the main page and retrieve the new URL.

NIH Institutes' Notices

[NOT-GM-19-016](#)

Notice of Pre-Application Webinar for PAR-19-102 "Graduate Research Training Initiative for Student Enhancement (G-RISE) (T32)"

NIGMS will host a webinar to provide advice and respond to questions from prospective applicants who plan to submit applications in response to PAR-19-102. The webinar will be held on **Tuesday, March 26, 2019 at 1:30pm EST**. To join the webinar, click [here](#). Event number: 624 352 823; Event password: GRISSET32. Call-in toll number 1-650-479-3208.

[NOT-AA-19-066](#)

Notice of Special Interest on Methodological Advances to Improve Alcohol Measurement and its Consequences for People Living with HIV who have Comorbidities, Coinfections, and Complications

NIAAA seeks to implement novel analytic technologies for advancing high-priority HIV/AIDS research that is informed by patterns of both acute and chronic alcohol use. Advanced data-generating and data-analytic technologies should take advantage of existing datasets by either performing secondary analysis of existing data and biorepositories and/or augmenting these high-value datasets with informative measures that can be derived from multiple behavioral (e.g. ecological momentary assessment) and/or biological domains (biomarkers, biosensors, etc.) and/or informative combinations of multiple data sources. Prior to preparing an application, prospective applicants are encouraged to read the OAR and the NIAAA Strategic Plans, and to reach out to the scientific contact listed in this FOA. Applications for this Notice should submit through the Parent Announcements [PA-18-345](#) or [PA-18-484](#).

[NOT-TR-19-015](#)

NCATS Clinical and Translational Science Awards (CTSA) Program's Interest in Improving Rural Health Outcomes and Eliminating Health Disparities

The CTSA Program seeks to expand efforts to address health disparities and the significant burden of conditions that disproportionately affect rural, minority, and other underserved populations. Examples of project areas that may address the goal of improving rural health and eliminating health disparities include, but are not limited to:

- Projects that address translational science barriers, such as improving access to clinical trials for rural communities, leveraging community organizations or public-private partnerships to facilitate outreach and rural participant recruitment into clinical trials, and harnessing technology to simultaneously deliver effective care and facilitate the conduct of research.
- Projects designed to implement, assess and/or disseminate methods, approaches, education and training in clinical and translational science that are targeted to improving rural health outcomes and eliminating health disparities.

Further information and FOAs for the NCATS CTSA Program may be found [here](#).

[NOT-MD-19-019](#)

Notice of Additional Receipt Date for PAR-19-093 "Leveraging Health Information Technology (Health IT) to Address Minority Health and Health Disparities"

An additional receipt date has been added in October for this FOA. The updated receipt dates are: March 4, 2019, **October 28, 2019**, March 4, 2020, March 4, 2021

NIH Institutes' Requests for Information

[NOT-CA-19-019](#)

Information to Better Facilitate Cancer Systems Epidemiology Research

This RFI targets researchers in population-based epidemiology, bioinformatics, biostatistics, statistics, and computer science fields who have interests in identifying interdisciplinary, systems science opportunities, including comprehensive analytical approaches, to improve the understanding of factors impacting cancer risk and prognosis. Please refer to the Notice for topics. Responses should be limited to 1-2 pgs and submitted via email to:

NCICancerSysEpi_RFI@mail.nih.gov by **April 30, 2019**.

[NOT-OD-19-078](#)

Review of the NIH HIV/AIDS Research Priorities and Guidelines for Determining AIDS Funding

The OAR is seeking input and review of the current HIV/AIDS research priorities to guide the use of HIV/AIDS-designated funding for FY 2021-2025. Please refer to the Notice for information requested. Responses may be submitted [here](#) by **April 13, 2019**.

Notices of Intent to Publish a Funding Opportunity Announcement

[NOT-HD-18-026](#)

Medical Rehabilitation Research Resource (P2C Clinical Trial Optional); expected release January 2019; anticipated due date: March 30, 2019

[NOT-HS-19-009](#)

Improve Care Transitions Through the Use of Interoperable Health Information Technology; No expected release date or due date is indicated at this time.

NIH FUNDING OPPORTUNITIES

LIMITED SUBMISSIONS

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

[PAR-19-102 \(T32\)](#)

Graduate Research Training Initiative for Student Enhancement (G-RISE)

The goal of this program is to develop a diverse pool of scientists earning a PhD, who have the skills to successfully transition into careers in the biomedical research workforce. This FOA provides support to eligible, domestic institutions to develop and implement effective, evidence-based approaches to biomedical training and mentoring that will keep pace with the rapid evolution of the research enterprise. NIGMS expects that the proposed research training programs will incorporate didactic, research, mentoring, and career development elements to prepare trainees for careers that will have a significant impact on the health-related research needs of the Nation. *One application per institution is allowed.*
Application Due Dates: May 21, 2019; May 21, 2020; May 21, 2021

[RFA-CA-19-007 \(UM1\)](#) – clinical trial required

The Experimental Therapeutics Clinical Trials Network

This FOA solicits applications from appropriate multidisciplinary groups that can assemble an appropriate infrastructure and conduct phase 0, phase 1, phase 2, pilot and other experimental therapeutics clinical trials involving agents for which the NCI's Division of Cancer Treatment and Diagnosis (DCTD), Cancer Therapy Evaluation Program (CTEP) received IND status. The FOA is open to any qualified applicant regardless of whether they have been previously associated with the ETCTN. *Only one application per institution is allowed.* **Application Due Date:** May 22, 2019

[RFA-DK-18-020 \(P30\)](#)

Diabetes Research Centers

This FOA invites applications for Diabetes Research Centers that are designed to support and enhance the national research effort in diabetes, its complications, and related endocrine and metabolic diseases. General information about the NIDDK Diabetes Research Centers program may be found at www.diabetescenters.org. *Only one application per institution is allowed.* **Application Due Date:** June 20, 2019

[PAR-19-072 \(R01\)](#) – clinical trial optional

Data Science Research: Personal Health Libraries for Consumers and Patients

The National Library of Medicine seeks applications for novel informatics and data science approaches that can help individuals gather, manage and use data and information about their personal health. A goal of this program is to advance research and application by patients and the research community through broadly sharing the results via publication, and through open source mechanisms for data or resource sharing. *Only one application per institute is allowed.* **Application Due Dates:** July 31, 2019

NIH FUNDING OPPORTUNITIES

REQUESTS FOR APPLICATIONS (RFA)

April Due Dates

[RFA-MD-19-001 \(R43/R44\)](#) – clinical trial optional

Innovations for Healthy Living – Improving Minority Health and Eliminating Health Disparities

This FOA invites small business concerns to submit grant applications that propose to conduct innovative research supporting the development of a product, tool, technology, process or service for commercialization with the aim of eliminating disparities in socioeconomically disadvantaged populations, underserved rural populations, and sexual and gender minority populations or improving health in racial/ethnic minority populations.

Application Due Date: April 1, 2019

[RFA-HD-19-024 \(R01\)](#) – clinical trial not allowed

Womens HIV Epidemiology Cohort Studies

NICHHD plans to establish new epidemiology cohort(s) of least 2000 participants to stimulate research on a wide range of HIV research hypotheses pertinent to reproductive age women. The purpose of this FOA is to support new and innovative epidemiology research in reproductive age women living with HIV. **Application Due Date:** April 4, 2019

[RFA-ES-19-005 \(R43/R44\)](#); [RFA-ES-19-006 \(R41/R42\)](#) – clinical trial not allowed

Innovative Approaches for Improving Environmental Health Literacy

This FOA seeks grant applications from small business concerns in collaboration with environmental science researchers to develop novel tools, activities, or materials to build environmental health literacy for a variety of groups, including community members, health care and public health professionals, educators, and students of all ages.

Application Due Date: April 9, 2019

[RFA-MH-20-200 \(R01\)](#); [RFA-MH-20-201 \(R21\)](#); [RFA-MH-20-202 \(R34\)](#) – clinical trial optional

Addressing the Role of Violence on HIV Care and Viral Suppression

These FOAs invite applications on violence and the HIV care continuum, including: (1) research that will advance understanding of the role of exposure to violence on engagement and retention in HIV care, HIV medication adherence, and viral suppression, and (2) research to develop and test novel interventions to improve HIV care continuum outcomes for individuals who have experienced violence. **Application Due Date:** April 10, 2019

[RFA-AA-19-002 \(P01\)](#) – clinical trial optional

Alcohol-HIV/AIDS Program Project

NIAAA solicits 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:** April 16, 2019

[RFA-AA-19-003 \(P60\)](#) – clinical trial optional

Comprehensive Alcohol-HIV/AIDS Research Center

This FOA seeks research applications aimed to address the impact of alcohol use on the most important challenges for ending HIV/AIDS pandemic, outlined as the [high priority topics of research](#) by the NIH Office of AIDS Research. In particular, bench-to-bedside translational studies of alcohol use as a risk factor impacting HIV prevention, latency, treatment effectiveness, and HIV-related comorbidities are strongly encouraged.

Application Due Date: April 16, 2019

May Due Dates

[RFA-MH-20-110 \(R01\)](#) – clinical trial not allowed

Secondary Data Analysis to Examine Long-Term and/or Potential Cross-Over Effects of Prevention Interventions: What are the Benefits for Preventing Mental Health Disorders?

This FOA encourages research to integrate/harmonize existing data sets from preventive intervention trials implemented early in life to: 1) examine risk and protective factors relevant to later mental health outcomes in childhood, adolescence and young adulthood; and 2) determine whether preventive interventions delivered earlier in life have long-term effects, and/or cross-over effects on important mental health outcomes, including serious mental illness. **Application Due Date:** May 2, 2019

[RFA-ES-19-001 \(R01\)](#); [RFA-ES-19-002 \(R21\)](#) – clinical trial not allowed

Functional RNA Modifications Environment and Disease (FRAMED)

NIEHS seeks to solicit applications that are focused on how environmental exposures are associated and involved with the functional activities of RNA modifications and pathways that may be modified or misregulated, associated with adverse health outcomes and/or be useful as biomarkers of exposure and/or exposure induced pathologies.

Application Due Date: May 16, 2019

[RFA-OD-19-011 \(T32\)](#)

Predocutorial Training in Advanced Data Analytics for Behavioral and Social Sciences Research (BSSR) - Institutional Research Training Program

This FOA solicits applications for new Behavioral and Social Sciences Research (BSSR) predoctoral training programs that focus on innovative computational and/or data science analytic approaches and their incorporation into training for the future BSSR health research workforce. The vision of the Advanced Data Analytics for BSSR training program is to support the development of a cohort of specialized predoctoral candidates who will possess advanced competencies in data science analytics to apply to an increasingly complex landscape of behavioral and social health-related big data.

Application Due Date: May 25, 2019

August Due Dates

[RFA-CA-19-032 \(R01\)](#) – clinical trial optional

Provocative Questions (PQs) in Cancer with an Underlying HIV Infection

The purpose of this FOA is to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying HIV infection or AIDS. Provocative Questions in Cancer with an Underlying HIV Infection involves a set of 6 PQs. Each research project proposed in response to this FOA must be focused on addressing one particular research problem defined by one specific PQ selected from the list. Please refer to the FOA for the six PQs. **Application Due Date:** August 1, 2019

October Due Dates

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

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

This FOA will support meritorious exploratory research relevant to the [NHLBI mission](#) using the existing biospecimen collections that are stored in the NHLBI Biologic Specimen Repository, thereby maximizing the scientific value of the stored collections and providing researchers with an opportunity to generate preliminary data for subsequent research proposals. **Application Due Dates:** October 17, 2019

Multiple Due Dates

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

Mechanism for Time-Sensitive Opportunities in Environmental Health Sciences

This FOA supports environmental health research in which an unpredictable event provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation is to understand the consequences of natural and man-made disasters or emerging environmental public health threats in the U.S. and abroad. **Application Due Dates:** April 1, 2019, May 1, 2019, June 1, 2019, July 1, 2019, August 1, 2019; September 3, 2019

[RFA-DA-19-019 \(R43/R44\)](#); [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, 2019, September 8, 2019, April 9, 2020, September 8, 2020, April 9, 2021, September 8, 2021

[RFA-CA-19-019 \(R21\)](#) – clinical trial not allowed

Innovative Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research

The emphasis of this FOA is on supporting the development of novel capabilities involving a high degree of technical innovation for targeting, probing, or assessing molecular and cellular features of cancer biology.

Application Due Dates: May 28, 2019; September 27, 2019

[RFA-CA-19-020 \(R33\)](#) – clinical trial not allowed

Advanced Development and Validation of Emerging Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research

This FOA solicits applications where major feasibility gaps for the technology or methodology have been overcome, as demonstrated with supportive preliminary data, but still requires further development and rigorous validation to encourage adoption by the research community. **Application Due Dates:** May 28, 2019; September 27, 2019

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

Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research

This FOA will support the development of tools, devices, instrumentation, and associated methods to preserve or protect sample integrity, or establish verification criteria for quality assessment/quality control and handling under diverse conditions. **Application Due Dates:** May 28, 2019; September 27, 2019

[RFA-CA-19-022 \(R33\)](#) – clinical trial not allowed

Advanced Development and Validation of Emerging Biospecimen Science Technologies for Basic and Clinical Cancer Research

This FOA solicits applications proposing exploratory research projects focused on further development and validation of emerging technologies that improve the quality of the samples used for cancer research or clinical care. The overall goal is to support the development of highly innovative technologies capable of maximizing or otherwise interrogating the quality and utility of biological samples used for downstream analyses.

Application Due Dates: May 28, 2019; September 27, 2019

[RFA-HL-19-016 \(R43\)](#) – clinical trial not allowed

Technologies for Healthy Independent Living for Heart, Lung, Blood and Sleep Disorders

This FOA seeks applications for the design and development of technologies to monitor health or deliver care in a real-time, accessible, effective, and minimally obtrusive way for older adults with a chronic heart, lung, blood, or sleep (HLBS) condition. These technologies may be novel sensor or monitoring systems, home-use point-of-care devices, home or mobile therapy or rehabilitation tools, or information systems and should have the goal of fostering healthy and independent living for aging adults with HLBS conditions. **Application Due Dates:** June 10, 2019; June 10, 2020

[RFA-NS-18-043 \(R01\)](#); [RFA-NS-18-042 \(R21\)](#) – clinical trial not allowed

Discovery and Validation of Novel Targets for Safe and Effective Pain Treatment

These FOAs promote the discovery and validation of novel therapeutic targets to facilitate the development of pain therapeutics. Specifically, the focus is on the basic science discovery of targets in the peripheral nervous system, central nervous system, immune system or other tissues in the body that can be used to develop treatments that have minimal side effects and little to no abuse/addiction liability. **Application Due Dates:** July 11, 2019; November 12, 2019

[RFA-OD-18-005 \(K01\)](#) – clinical trial not allowed; [RFA-OD-18-006 \(K01\)](#) – clinical trial required

Mentored Research Scientist Career Development Award in Tobacco Regulatory Research

These FOAs provide support and protected time (three, four, or five 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. **Application Due Dates:** July 19, 2019, November 8, 2019

[RFA-OD-18-007 \(K99/R00\)](#) – clinical trial not allowed; [RFA-OD-18-008 \(K99/R00\)](#) – clinical trial required

Pathway to Independence Award in Tobacco Regulatory Research

The purpose of this award is to increase and maintain a strong cohort of new and talented independent investigators conducting research that will inform the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing. 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. **Application Due Dates:** July 19, 2019, November 8, 2019

[RFA-OD-19-019 \(R01\)](#) - 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 FDA Center for Tobacco Products. **Application Due Dates:** July 19, 2019, February 13, 2020, July 17, 2020, February 13, 2021

[RFA-HL-19-023 \(T32\)](#) – clinical trial not allowed

T32 Training Program for Institutions that Promote Diversity

The NHLBI's T32 Training Program is intended to support training of predoctoral and health professional students and individuals in postdoctoral training institutions with an institutional mission focused on serving health disparity populations not well represented in scientific research, or institutions that have been identified by federal legislation as having an institutional mission focused on these populations, with the potential to develop meritorious training programs in cardiovascular, pulmonary, and hematologic diseases, and sleep disorders.

Application Due Dates: September 4, 2019; February 26, 2020; September 4, 2020; February 26, 2021

[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:** September 10, 2019, February 26, 2020, September 10, 2020, February 26, 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: October 10, 2019, February 11, 2020, October 9, 2020, February 11, 2021

NIH FUNDING OPPORTUNITIES

PROGRAM ANNOUNCEMENTS REVIEWED BY AN INSTITUTE (PAR)

[PAR-19-189 \(R34\)](#) - clinical trial not allowed

Pilot Services Research Grants Not Involving Clinical Trials

This FOA encourages pilot research that is not an immediate precursor to testing a service intervention but is consistent with NIMH priorities for service research. Please refer to the FOA for areas of interest.

Application Due Date: March 28, 2019

[PAR-19-177 \(S10\)](#) – clinical trial not allowed

High-End Instrumentation (HEI) Grant Program

The HEI Grant Program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instruments or integrated systems. The minimum award is \$600,001 of direct costs. The maximum award is \$2,000,000 of direct costs. Types of instruments supported include, but are not limited to: X-ray diffraction systems, nuclear magnetic resonance (NMR) and mass spectrometers, DNA and protein sequencers, biosensors, electron and confocal microscopes, cell-sorters, and biomedical imagers.

Application Due Date: May 31, 2019

[PAR-19-178 \(S10\)](#) – clinical trial not allowed

Shared Instrumentation for Animal Research (SIFAR) Grant Program

This FOA supports requests for state-of-the-art commercially available technologies needed for NIH-funded research using any vertebrate and invertebrate animal species. This FOA does not support requests for single instruments. At least one item of the requested instrumentation must cost at least \$50,000, after all applicable discounts. No instrument in a cluster can cost less than \$20,000, after all applicable discounts. There is no maximum price requirement; however, the maximum award is \$750,000 of direct costs. **Application Due Date:** May 31, 2019

[PAR-19-179 \(S10\)](#) - clinical trial not allowed

Shared Instrumentation Grant (SIG) Program

The SIG program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instruments or integrated systems. The minimum award is \$50,000 of direct costs. There is no maximum price limit for the instrument; however, the maximum award is \$600,000 of direct costs. Types of instruments supported include, but are not limited to: X-ray diffractometers, mass spectrometers, nuclear magnetic resonance, spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, cell sorters, and biomedical imagers. **Application Due Date:** May 31, 2019

FUNDING OPPORTUNITIES : ADMINISTRATION FOR COMMUNITY LIVING

National Inst. on Disability, Independent Living, and Rehabilitation Research

[HHS-2019-ACL-NIDILRR-DPCP-0330](#)

Disability and Rehabilitation Research Projects (DRRP) Program: Community Living and Participation (Research)

This FOA seeks applications that propose a research project that is aimed at improving community living and participation outcomes of individuals with disabilities. In carrying out a research project under this program, a grantee must identify one or more hypotheses or research questions and, based on the hypotheses or research questions identified, perform an intensive, systematic study directed toward producing (1) new or full scientific knowledge, or (2) understanding of the subject or problem studied. **Application Due Date:** March 25, 2019

[HHS-2019-ACL-NIDILRR-REGE-0336](#)

Rehabilitation Engineering Research Centers (RERC) Program: RERC on Information and Communication Technologies Access

Through this program, NIDILRR seeks to fund research and development on innovative technologies and strategies that will make information and communication technologies optimally accessible and useable for people with disabilities.

Application Due Date: April 12, 2019

[HHS-2019-ACL-NIDILRR-DPHF-0328](#)

Disability and Rehabilitation Research Projects (DRRP) Program: Health and Function (Research)

Applicants must propose a research project that is aimed at improving the health and function outcomes of individuals with disabilities. In carrying out a research project under this program, a grantee must identify one or more hypotheses or research questions and, based on the hypotheses or research questions identified, perform an intensive, systematic study directed toward producing (1) new or full scientific knowledge, or (2) understanding of the subject or problem studied.

Application Due Date: April 16, 2019

FUNDING OPPORTUNITIES: CENTERS FOR DISEASE CONTROL AND PREVENTION

National Center for Injury Prevention and Control

[RFA-CE-19-006](#)

Grants to Support New Investigators in Addressing Cross-Cutting Violence Prevention and Opioid Overdose Prevention

This FOA intends to provide support and 75% “protected time” for an intensive, supervised (mentored) career development experience to develop new researchers in the fields of opioid overdose prevention and cross-cutting violence prevention. The intent is to provide resources to young investigators so they can grow their skills by developing and conducting research efforts needed to address [NCIPC Research Priorities](#), with the potential to investigate new and emerging public health issues. Investigators focused on opioid overdose prevention must propose a research project to investigate risk factors for and strategies to prevent opioid overdose. **Application Due Date:** April 1, 2019

[RFA-CE-19-002](#)

Research Grants to Identify Effective Strategies for Opioid Overdose Prevention

This FOA seeks applications to evaluate the implementation and impact of new or existing strategies in states and local communities that (1) enhance prescription drug monitoring program use; (2) support providers and health systems in improving prescribing, pain management, and overdose response; (3) enhance public health systems that support linkage to care for opioid use disorder and overdose; (4) infuse public health approaches into public safety and law enforcement response; or (5) empower individuals to make safer choices about opioid use.

Application Due Date: April 8, 2019

[RFA-CE-19-003](#)

Evaluation of Return to School Programs for Traumatic Brain Injury

This FOA seeks research that conducts a rigorous evaluation to assess the effectiveness of Return to School programs after traumatic brain injury of all severities (e.g., mild, moderate, and severe) in children. NCIPC invites applications that propose to evaluate existing school-based programs that: have specific pathways for care for children across all TBI severity and injury mechanisms; include children from elementary through high school; have available data on academic, health, and social outcomes; and are ready for rigorous evaluation. **Application Due Date:** April 30, 2019

FUNDING OPPORTUNITIES: DEPARTMENT OF DEFENSE

The United States Army Medical Research Acquisition Activity (USAMRAA)

[Breast Cancer Research Programs \(BCRP\)](#)

The BCRP seeks to accelerate high-impact research with clinical relevance, encourage innovation and stimulate creativity, and facilitate productive collaborations. The BCRP has prepared a brief overview, *The Breast Cancer Landscape* that describes what is currently known about the most pertinent topics that are consistent with the BCRP’s mission of ending breast cancer. Applicants are strongly urged to read and consider [The Breast Cancer Landscape](#) before preparing their applications.

[W81XWH-19-BRCP-INNOV](#)

Innovator Award

This Award supports visionary individuals who have demonstrated exceptional creativity, innovative work, and paradigm-shifting leadership in any field including, but not limited to, breast cancer. The Innovator Award will provide these individuals with the funding and freedom to pursue their most novel, visionary, high-risk ideas that could accelerate progress to ending breast cancer. The central feature of the award is the innovative contribution that the PI can make toward ending breast cancer.

Application Due Dates: Pre-Application – March 12, 2019; Invited Application – June 13, 2019

[W81XWH-19-BCRP-EOHS](#)

Era of Hope Scholar Award

This Award supports individuals early in their careers who have demonstrated significant potential to effect meaningful change in breast cancer. Applicants must be an independent investigator within 6 years of his/her last training position at the time of submission. The application should articulate a vision that challenges current dogma and demonstrates an ability to look beyond tradition and convention.

Application Due Dates: Pre-Application – March 14, 2019; Application – March 28, 2019

[Breakthrough Awards](#)

The intent of the Breakthrough Award is to support promising research that has high potential to lead to or make breakthroughs in breast cancer. The impact may be near-term or long-term, but must move beyond a minor advancement and have the potential to lead to a new approach that is fundamentally better than interventions already approved or in clinical development. Applications are expected to identify the breast cancer patients or at-risk individuals who would ultimately benefit from the proposed research.

[W81XWH-19-BRCP-BFA](#) – Fellowship Award

This Award supports recent doctoral or medical graduates in pursuit of innovative, high-impact breast cancer research during their postdoctoral fellowship and allows them to obtain the necessary experience for an independent career at the forefront of breast cancer research.

Application Due Dates: Pre-Application – March 14, 2019; Application – March 28, 2019

[W81XWH-19-BRCP-BTA12](#) - Levels 1 & 2

Funding Level 1: Innovative, high-risk/high-reward research that is in the earliest stages of idea development. To foster research with clearly defined potential to yield new avenues of investigation, preliminary data are not required. Proof of concept is the anticipated outcome.

Funding Level 2: Preclinical research that is already supported by substantial preliminary or published data and strongly validates clinical translation in a well-defined context within the breast cancer landscape.

Funding Level 2: Population Science and Prevention Studies: Preclinical research that is already supported by substantial preliminary or published data and strongly validates clinical translation in a well-defined context within the breast cancer landscape. With compelling justification, population science and prevention studies may request higher levels of funding and an additional year in the period of performance. Such studies may require additional resources due to the participation of human subjects and/or use of human biospecimens.

Application Due Dates: Pre-Application – March 14, 2019; Application – March 28, 2019

[W81XWH-19-BRCP-BTA3](#) – Level 3

Level 3 supports advanced translational studies with a high degree of project readiness.

Application Due Dates: Pre-Application – March 12, 2019; Invited Application – June 13, 2019

[W81XWH-19-BRCP-BTA4](#) - Level 4

Level 4 supports Large-scale projects that will transform and revolutionize the clinical management and/or prevention of breast cancer. Human clinical trials are required.

Application Due Dates: Pre-Application – March 12, 2019; Invited Application – June 13, 2019

FUNDING OPPORTUNITIES: FOUNDATIONS

Bill & Melinda Gates Foundation is inviting proposals for its Grand Challenges Initiative (Round 23). The Foundation is looking for innovative ideas in [Increasing Demand for Vaccination Services](#), specifically, 1) novel approaches for providing practical knowledge about vaccines and vaccination services to caregivers; and 2) novel ideas for improving the convenience and/or caregiver seeking of vaccination services. Initial grants will be US \$100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to US \$1 million.

Application Due Date: April 10, 2019

FUNDING OPPORTUNITIES: FELLOWSHIPS

NIH—Ruth L. Kirschenstein National Research Service Award (NRSA)

The following parent announcements for the NRSA have been reissued (standard due dates apply):

[PA-19-187](#) (Parent F33)

Individual Senior Fellowship

Expiration Date: January 8, 2022

[PA-19-188](#) (Parent F32)

Individual Postdoctoral Fellowship

Expiration Date: January 8, 2022

[PA-19-191](#) (Parent F30)

Individual Fellowship for Students at Institutions with NIH-Funded Institutional Predoctoral Dual-Degree Training Programs

Expiration Date: January 8, 2022

[PA-19-192](#) (Parent F30)

Individual Fellowship for Students at Institutions Without NIH-Funded Institutional Predoctoral Dual-Degree Training Programs

Expiration Date: January 8, 2022

[PA-19-195](#) (Parent F31)

Individual Predoctoral Fellowship

Expiration Date: January 8, 2022

[PA-19-196](#) (Parent F31)

Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research

Expiration Date: January 8, 2022

National Institute of Justice

[NIJ-2019-15466](#)

Graduate Research Fellowship Program in the Social and Behavioral Sciences

The NIJ Graduate Research Fellowship (GRF) Program in Social and Behavioral Sciences is open to doctoral students in all social and behavioral science disciplines. This program provides awards to accredited academic institutions to support graduate research leading to doctoral degrees in areas that are relevant to ensuring public safety, preventing and controlling crime, and ensuring the effective administration of criminal justice in the United States. Of particular interest is research on issues deemed critical by the U.S. Department of Justice: violent crime reduction, enhancing investigations and prosecutions, protecting police officers and other public safety personnel, combating the opioid epidemic, victimization, and addressing illegal immigration. **Application Due Date:** April 8, 2019

“Ability is what you’re capable of doing. Motivation determines what you do. Attitude determines how well you do it.”

**Raymond Chandler (1888-1959),
Novelist, Screenwriter**

