

SPHHP Research Activities Newsletter

University at Buffalo

October 2018

In the News

Congratulations to the Following Awardees!



Jo Freudenheim, UB Distinguished Professor and Chair of Epidemiology and Environmental Health, is PI on a new award from the Peter T. Rowley Breast Cancer Scientific Research Projects/NYS Department of Health entitled, *The Microbiome in the Etiology and Prevention of Breast Cancer*. The project will systemically evaluate the microbiome in breast tissues, saliva and feces from 100 women with breast cancer to determine if there are consistent differences by breast cancer subtype and by stage of disease.



Sarahmona Przybyla, Assistant Professor of Community Health & Health Behavior, is PI on a new award from University of Rochester entitled, *CFAR Pilot - Understanding HIV Risks and Drug Use Trajectories Among Women Opioid Users in Specialized Drug Court*. The research will study the trajectory of substance use and recovery, HIV-related medication use, and reproductive health behaviors in females participating in drug treatment court.



Laura Smith, Assistant Professor of Epidemiology and Environmental Health, is PI on a new award from Cornell University/Bill & Melinda Gates Foundation entitled, *Trial to Establish Causal Linkage between Mycotoxin Exposure and Child Stunting – HBGD*. The project seeks to elucidate the potential causal link between mycotoxins (secondary metabolites produced by microfungi that are capable of causing disease and death), gut dysfunction and stunting in young children to inform development of more effective child health interventions.



Gregory Wilding, Professor and Chair of Biostatistics, is Co-I on a new award from the National Institute of Nursing Research/NIH (PI: Grace Dean, School of Nursing) entitled, *Efficacy of Nurse-Delivered Brief Behavioral Treatment to Self-Manage Insomnia in Cancer Survivors*. The study will test the efficacy and durability of a self-management behavioral intervention for cancer survivors with insomnia in order to reduce disease burden and disability, improve well-being, strengthen self-determination and participation in health care, and prevent illness and complications.



Jihnhee Yu, Associate Professor of Biostatistics, is Co-I on a new award from the US Dept. of Education (PI: Gregory Fabiano, Counseling, School, and Educational Psychology) entitled, *Enhancing IEPs of Children with ADHD Using Daily Report Cards: An Efficacy Trial*. The study will investigate whether the academic and social outcomes of children with ADHD can be enhanced through the use of a Daily Report Card based (DRC) on the Individualized Education Plan (IEP) goals and objectives. The study will be the first appropriately-powered investigation of the efficacy of the fully developed DRC intervention for this specific purpose.

Grant Clinic



The RAS Questionnaire is now online!!!

We would like to introduce our new RAS questionnaire. Now in an online format (no more emails), the questionnaire's design is user friendly and allows for easy navigation through the form pages. Going forward, we ask that you use the link below to provide initial information about your application. Many thanks to Alex Nelson, Data Analyst, SPHHP, for his assistance with creating the format for the new RAS questionnaire.

https://ubsphhp.formstack.com/forms/ras_proposal

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[NOT-OD-17-109](#)

NIH Policy for Issuing Certificates of Confidentiality

An updated NIH policy regarding Certificates of Confidentiality (COC) went into effect on 10/1/2017. Certificates will be issued automatically to NIH funded grants, cooperative agreements, and contracts, funded wholly or in part by the NIH if the research collects or uses identifiable, sensitive information. Previously, NIH provided these protections through the issuance of Certificates only upon receipt and approval of an application. However, in order to comply with the requirement in subsection 301(d) of the Public Health Service Act to minimize the burden to researchers, streamline the process, and reduce the time it takes to comply with the requirements associated with applying for a Certificate, NIH now provides Certificates automatically to any NIH-funded recipients conducting research applicable to this Policy.

[NOT-OD-19-017](#)

New NIH Peer Review Videos for Applicants

NIH Center for Scientific Review has released two new videos to assist NIH applicants with the peer review process. The first, entitled [What Happens to your NIH Grant Application](#), gives viewers insights into how their applications are reviewed. The second, entitled [Top 10 Peer Review Q&As for NIH Applicants](#), is hosted by 10 experts from CSR to answer the top 10 questions about the submission and review of NIH applications. Additional videos can be found on [CSR's video web page](#).

[NOT-OD-19-014](#)

Request for Information on Proposed Provisions for a Draft Data Management and Sharing Policy for NIH Funded or Supported Research

NIH is seeking public input on proposed key provisions that could serve as a foundation for a future NIH policy for data management and sharing. NIH is specifically requesting public comment on the proposed policy provisions and proposed required elements for data management and sharing plans, linked here: <https://osp.od.nih.gov/provisions-data-management-sharing/>. Comments should be submitted electronically at the link above by **December 10, 2018**.

Notices of Intent to Publish a Funding Opportunity Announcement

NIH has provided the following notices to allow potential applicants sufficient time to develop competitive applications:

[NOT-EB-18-025](#)

Bioengineering Research Grants; anticipated release January 2019; expected application due date February 2019

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

[NOT-EB-18-027](#)

[NOT-EB-18-028](#)

[NOT-AT-19-003](#)

NMR Open Access Data Exchange (U24) – clinical trial not allowed; anticipated release Fall 2018; expected application due date Spring 2019.

[NOT-OD-19-013](#)

Botanical Dietary Supplements Research Centers (U19) – clinical trial optional; anticipated release October 2018; expected application due date April 2019.

[NOT-AR-19-022](#)

[NOT-AR-19-024](#)

[NOT-AR-19-025](#)

Back Pain Consortium (BACPAC) Research Programs (U19, U24, UH2/UH3, UG3/UH3) – clinical trial optional; anticipated release November 2018; expected application due date March 2019.

NIH Funding Opportunities: Limited Submissions

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 Tramposch on behalf of the OVPRED. He may be contacted at kmt1@buffalo.edu or by phone at 645-3321 for any questions or advice about the limited submission process.

[RFA-DA-19-016 \(UM1\)](#) – research sites; clinical trial required

[RFA-DA-19-017 \(UM1\)](#) – data coordinating center; clinical trials not allowed

HEALing Communities Study: Developing and Testing an Integrated Approach to Address the Opioid Crisis

NIDA, in partnership with the Substance Abuse and Mental Health Services Administration (SAMHSA) is soliciting cooperative agreement applications with the intention of ultimately funding up to three research sites to participate in the 'HEALing Communities Study'. The HEALing Communities Study will test the immediate impact of implementing an integrated set of evidence-based interventions across healthcare, behavioral health, justice, and other community-based settings to prevent and treat opioid misuse and Opioid Use Disorders (OUD) within highly affected communities. *Only one application per institution is allowed.* **Application Due Date:** December 11, 2018

[PAR-18-391 \(Admin Supplement\)](#) – clinical trial not allowed

Administrative Supplements to Cancer Center Support Grants to Strengthen NCI-Supported Community Outreach Capacity through Community Health Educators of the National Outreach Network

The Center to Reduce Cancer Health Disparities (CRCHD) of the NCI announces this opportunity to compete for administrative supplements to the Cancer Center Support Grants (CCSGs; P30s) for NCI-designated Cancer Centers to each recruit a Community Health Educator (CHE). The focus of the CHE will be to conduct specific outreach and education activities that address cancer prevention and control in the target populations within the communities of the CC's catchment area. *Only one application per eligible institution is allowed.*

Application Due Date: December 15, 2018.

[RFA-ES-18-002 \(P42\)](#), clinical trial optional

Superfund Hazardous Substance Research and Training Program

This program supports problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative (which includes research translation), data management and analysis, community engagement, research experience and training coordination, and research support functions. *Only one application per institution is allowed.*

Application Due Date: December 19, 2018

[RFA-CA-19-002 \(F99/K00\)](#)

The NCI Predoctoral to Postdoctoral Fellow Transition Award

This award facilitates the transition of talented graduate students into successful cancer research postdoctoral appointments, and provide opportunities for career development activities relevant to their long-term career goals of becoming independent cancer researchers. *Each eligible institution is eligible to submit one application per due date.*

Application Due Date: February 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

NIH Funding Opportunities: Requests for Applications (RFA)

December Due Dates

[RFA-AG-19-023 \(U01\)](#) – clinical trial optional; [RFA-AG-19-022 \(U24\)](#) – clinical trial not allowed

Telomeres as Sentinels of Environmental Exposures, Psychosocial Stress, and Disease Susceptibility

The U01 will support methods comparison studies to serve three main functions: (1) to conduct a joint effort among telomere researchers to determine the relationship between different telomere length (TL) methods, inter-assay variability, and the factors that influence results; (2) to contribute to development of best practice recommendations for assay protocols for TL measurement for different types of studies; and (3) to repurpose existing methods or develop new methods to enhance the use of TL measurement.

The U24 will coordinate activities of the multiple labs supported under U01 awards, and will serve as the central resource for the organization of meetings and other activities of this coordinated program, including support for the methods study, dissemination of its results, and resultant recommendations.

Application Due Date: December 3, 2018

[RFA-DK-17-024 \(R01\)](#) – clinical trial required

Impact of the Use of Glucose Monitoring and Control Technologies on Health Outcomes and Quality of Life in Older Adults with Type 1 Diabetes (T1D)

This FOA encourages clinical trials testing the clinical efficacy of new technology to improve glucose control, reduce hypoglycemic events and/or improve quality of life in older T1D patients (aged 65 and older).

Application Due Dates: December 6, 2018

[RFA-DK-18-002 \(R01\)](#) – clinical trial optional

Understanding Skeletal Effects of Type 1 Diabetes

This FOA invites applications for studies to understand the effects of type 1 diabetes (T1D) on bone mass and quality and/or fracture risk. Researchers may propose investigations in newly recruited subjects or using subjects and/or samples from ongoing clinical studies of individuals with for T1D. **Application Due Date:** December 6, 2018

[RFA-DA-19-014 \(R43/R44\)](#); [RFA-DA-19-015 \(R41/R42\)](#) – clinical trial optional

Loyalty and Reward-Based Technologies to Increase Adherence to Substance Use Disorder Pharmacotherapies

These FOAs encourage applications that propose to develop and evaluate the loyalty/reward-based digital technologies (e.g., mobile medical app/device platforms and other digital technologies) to be used as a combination product to increase medication adherence. The primary endpoint is adherence to FDA-approved medications for substance use disorders. **Application Due Date:** December 14, 2018

January 2019 Due Dates

[RFA-HS-18-002 \(R18\)](#)

Screening and Management of Unhealthy Alcohol Use in Primary Care: Dissemination and Implementation of PCOR Evidence

AHRQ seeks applications that propose a comprehensive plan that uses evidence-based strategies designed to improve the delivery of patient-centered approaches to identifying and managing unhealthy alcohol use among adults, including screening and brief intervention and medication assisted therapy. **Application Due Date:** January 4, 2019

[RFA-CA-18-027 \(R01\)](#); [RFA-CA-18-028 \(R21\)](#) – clinical trial optional

Improving Smoking Cessation Interventions among People Living with HIV

These FOAs provide support for research designed to optimize smoking cessation treatment among people living with HIV (PLWH) in the United States (U.S.). The principal focus of this initiative is on cigarette smoking cessation; however, studies that address dual/poly tobacco product use as part of a cigarette smoking cessation intervention are acceptable. **Application Due Date:** January 8, 2019

[RFA-CA-19-017 \(U01\)](#) – clinical trial required

Approaches to Identify and Care for Individuals with Inherited Cancer Syndromes

NCI is sponsoring an initiative to improve the current state of early detection, genetic testing, genetic counseling, and knowledge landscape of the mechanisms and biomarkers associated with cancer development. This FOA invites multiple PI applications for projects aimed at identifying best practices to improve case ascertainment and follow-up care of hereditary cancers, with the goal of improving prevention and detection. **Application Due Date:** January 9, 2019

[RFA-FD-19-001 \(R01\)](#)

Natural History Studies Addressing Unmet Needs of Rare Diseases: Orphan Products Research Project Grant

This FOA supports studies that advance medical product development through the characterization of the natural history of rare diseases/conditions with unmet needs. The natural history of a disease is traditionally defined as the natural course of a disease from the time immediately prior to its inception, progressing through its pre-symptomatic phase and different clinical stages to the point where the disease has ended without external intervention.

Application Due Date: January 10, 2019

February Due Dates

[RFA-AG-19-015 \(R24\)](#) – clinical trial not allowed

High-Priority Behavioral and Social Research Networks

This FOA invites applications to provide infrastructure support for advancing development of specific high-priority areas of behavioral and social research of relevance to aging. Network applications are limited to the following areas:

(1) Midlife Reversibility of Biobehavioral Risk Associated with Early Life Adversity, (2) Stress Measurement, (3) Reproducibility in the Social and Behavioral Sciences, (4) Life Course Health Disparities at Older Ages, (5) Genomics of Behavioral and Social Science, (6) Integrating Animal Models to Inform Behavioral and Social Research on Aging, and (7) Rural Aging. **Application Due Date:** February 1, 2019

[RFA-AG-19-016 \(R24\)](#) – clinical trial not allowed

High-Priority Behavioral and Social Research Networks in Alzheimer's Disease and Alzheimer's Disease Related Dementias

This FOA seeks applications to provide infrastructure support for advancing development of specific high-priority areas of behavioral and social research of relevance to Alzheimer's disease and Alzheimer's disease related dementias (AD/ADRD) and are limited to the following areas: (1) AD/ADRD care and services research, and (2) the coordination of international studies conducting the Harmonized Cognitive Assessment Protocol.

Application Due Date: February 1, 2019

[RFA-AA-19-004 \(P50\)](#) – clinical trial optional

Specialized Alcohol Research Centers

The overall purpose of this program is to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to the Institute's mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan.

Application Due Date: February 27, 2019

May Due Dates

[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

Multiple Due Dates

[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:** November 27, 2018; February 11, 2019; July 11, 2019; November 12, 2019

[RFA-NS-18-046 \(R61/R33\)](#) – clinical trial optional

Analytical and/or Clinical Validation of a Candidate Biomarker for Pain

The goal of this FOA is to facilitate the advancement of robust and reliable biomarkers, biomarker signatures and endpoints of pain to application in clinical trials (Phase II clinical trials and beyond) and in the spectrum of clinical practice. **Application Due Dates:** November 27, 2018; March 7, 2019; November 25, 2019; March 12, 2020

[RFA-ES-18-007 \(R01\)](#) – clinical trial optional

Virtual Consortium for Translational/Transdisciplinary Environmental Research (ViCTER)

The purpose of the updated ViCTER program is to use the R01 mechanism to foster and promote early-stage transdisciplinary collaborations and/or translational research efforts among fundamental (technology and mechanism oriented), clinical (patient-oriented) and population-based researchers in the environmental health field. The ViCTER program is intended to support innovative high-risk, high-reward cross-disciplinary and/or translational research projects that are more difficult to achieve in a typical R01 application. Collaboration among investigators at different institutions through a virtual consortium arrangement are encouraged.

Application Due Dates: December 3, 2018; December 2, 2019; December 1, 2020

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

Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research

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

Application Due Dates: February 11, 2019, October 10, 2019, February 11, 2020, October 9, 2020, February 11, 2021

[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:** February 15, 2019; October 17, 2019

[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: February 26, 2019; 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

This program supports educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce by providing research experiences and related opportunities that enrich the pool of individuals from nationally underrepresented groups who will be available to compete for research opportunities in the mission areas of importance to NHLBI. **Application Due Dates:** February 26, 2019, September 10, 2019, February 26, 2020, September 10, 2020, February 26, 2021

[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. **Application Due Dates:** June 10, 2019; June 10, 2020

[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

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

[PAR-18-924 \(R34\)](#); [PAR-18-925 \(R18\)](#) – clinical trial required

Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care

The planning grant (R34) seeks applications for pilot and feasibility studies and the R18 mechanism seeks applications for pragmatic trials that test approaches to improve diabetes and obesity prevention and/or treatment in healthcare settings where individuals receive their medical care. **Application Due Dates:** November 1, 2018, February 14, 2019, May 14, 2019, November 1, 2019

[PAR-18-929 \(R01\)](#) – clinical trial not allowed

High-Priority Areas for Research Leveraging EHR and Large-Scale Data

This FOA encourages applications to leverage large-scale, real-world data from electronic health records (EHRs) from a variety of systems (e.g., the Department of Defense (DOD), Department of Veterans Affairs (VA), as well as public or private health care systems and networks) to understand risk, onset, course, and impact of treatments and services for mental and neurological disorders and to identify promising new mental health and neurological disorders research.

Application Due Dates: November 21, 2018, then standard due dates; **Expiration Date:** September 8, 2021

[PAR-18-953 \(R21\)](#); [PAR-18-952 \(R03\)](#) – clinical trial not allowed

Clinical Trial Readiness for Rare Diseases, Disorders, and Syndromes

These FOAs seek applications that are intended to facilitate rare disease research by enabling efficient and effective movement of candidate therapeutics or diagnostics towards clinical trials, and to increase their likelihood of success through development and testing of rigorous biomarkers and clinical outcome assessment measures.

Application Due Dates: January 7, 2019, June 10, 2019, October 24, 2019, June 8, 2020, October 26, 2020, June 7, 2021, October 25, 2021

[PAR-19-018 \(R01\)](#); [PAR-19-019 \(R21\)](#) – clinical trial not allowed

Mechanisms of Disparities in Etiology and Outcomes of Lung Cancer in the U.S.: The Role of Risk and Protective Factors

The overall objective of these initiatives is to support research to 1) understand the complex etiological factors (social, cultural, environmental, behavioral or biological) contributing to lung cancer disparities and 2) how health care factors affect morbidity and mortality outcomes among lung cancer patients from health disparity populations.

Application Due Dates: March 4, 2019, March 4, 2020, March 4, 2021

[PAR-18-930 \(R01\)](#) – clinical trial not allowed

Development and Optimization of Tasks and Measures for Functional Domains of Behavior

This FOA supports the development and optimization of tasks and/or measures for constructs pertaining to functional aspects of behavior or cognitive/affective processes, for use in laboratory or population-based studies, clinical trials outcomes, or related research. This FOA encourages research that will result in the availability of tasks and measures that demonstrate: (1) good validity as a measure of a specific construct; (2) robust measurement properties; and (3) suitability for use across diverse participants. **Application Due Dates:** Standard dates apply;

Expiration Date: January 22, 2022

NIH Funding Opportunities: Program Announcements (PA)

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

[PA-18-927 \(R41/R42\)](#); [PA-18-928 \(R43/R44\)](#) – clinical trial optional
Innovative Technologies for HIV Behavioral and Social Science Research
Expiration Date: September 6, 2021

[PA-18-932 \(R01\)](#) – clinical trial optional
Increasing Uptake of Evidence-Based Screening in Diverse Adult Populations
Expiration Date: January 08, 2022

[PA-18-944 \(R01\)](#); [PA-18-943 \(R21\)](#) – clinical trial optional
Biobehavioral Basis of Chronic Pain
Expiration Date: January 08, 2022

[PA-18-945 \(R01\)](#); [PA-18-946 \(R21\)](#) – clinical trial optional
Applying a Biopsychosocial Perspective to Self-Management of Chronic Pain
Expiration Date: January 08, 2022

[PA-19-023 \(R01\)](#); [PA-19-024 \(R21\)](#) – clinical trial optional
Addressing Caregiver Symptoms through Technological Tools
Expiration Date: January 08, 2022

Funding Opportunities: National Science Foundation

[NSF-19-500](#)

Joint DMS/NLM Initiative on Generalizable Data Science Methods for Biomedical Research

The Division of Mathematical Sciences (DMS) at the National Science Foundation and the National Library of Medicine (NLM) at the National Institutes of Health plan to support the development of innovative and transformative mathematical and statistical approaches to address important data-driven biomedical and health challenges. The goal of this interagency program is the development of generalizable frameworks combining first principles, science-driven models of structural, spatial and temporal behaviors with innovative analytic, mathematical, computational, and statistical approaches that can portray a fuller, more nuanced picture of a person's health or the underlying processes.

Application Submission Window: January 2-16, 2019

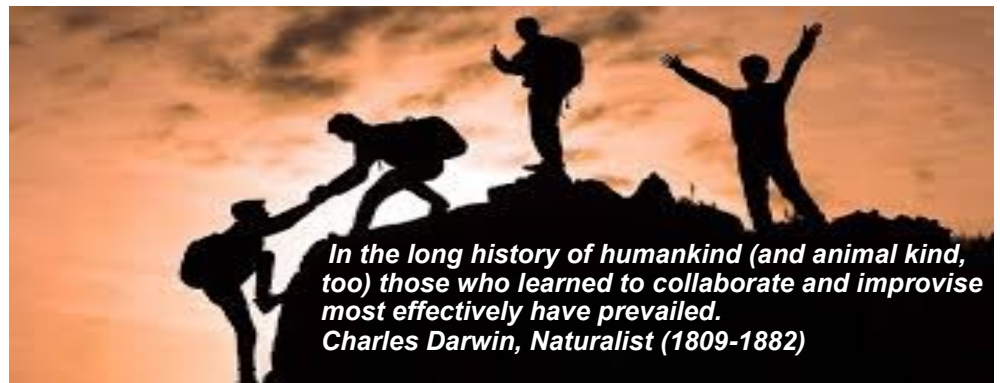
Funding Opportunities: Department of Defense

[W81XWH18SBAA1](#)

Broad Agency Announcement for Extramural Medical Research

The US Army Medical Research and Materiel Command is accepting applications that provide solutions to medical problems of importance to the American Service member at home and abroad, as well as to the general public at large. This announcement's research areas of interest include: 1) preventative and/or therapeutic measures for infectious diseases; 2) impacts of transport; 3) injury prevention and reduction; 4) psychological health and resilience; 5) environmental health and protection; 6) neuromusculoskeletal injury and rehabilitation; 7) hearing loss/dysfunction, balance disorders, and tinnitus; 8) pain management; and 9) TBI rehabilitation. The total period of performance is four years for assistance agreement awards or 5 years for contract awards. Interested applicants should submit a pre-application through the eBRAP system and if invited, a full application is submitted.

Application Due Date: Applications are accepted on a rolling basis until September 30, 2022



In the long history of humankind (and animal kind, too) those who learned to collaborate and improvise most effectively have prevailed.
Charles Darwin, Naturalist (1809-1882)