

February 15, 2017

FACULTY RESEARCH OPPORTUNITIES

The West Virginia Clinical and Translational Science Institute (WVCTSI) Spring 2017 Collaborative Funding Opportunity – the WVCTIS has released a request for applications for the Spring 2017 Collaborative Funding Opportunity. The goal of this Request for Applications (RFA) is to support clinical and translational pilot projects relevant to improving health in West Virginia and Appalachia. This opportunity is an open competition where applicants can request up to \$50,000 in funding, which must be utilized over twelve months. This RFA requires a minimum of two principal investigators (PI) from at least two different participating institutions (MU, WVSOM, WVU-all campuses). **Application Due Date: Letters of Intent Due by March 15, 2017. Full Proposals Due by May 1, 2017.**

<http://wvctsi.org/programs/funding/spring-2017-collaborative-rfa/>

WVU Health Science Center Internationalization Grant - The Office of Global Affairs, in collaboration with the Health Sciences Center, is pleased to offer the Health Science Center Internationalization Grant. These funds can be used to support student opportunities in Portal locations (Middle East, Latin America, and Asia). These funds can be used to support student assistance on research projects and field work. These funds cannot be used to subsidize faculty salary. Preference may be given to projects that can provide matching, or supporting funds. **Application Due Date: Applications are accepted on a rolling basis.** <http://international.wvu.edu/funding/faculty/hsc>

WVU International Classroom Grant - The Office of Global Affairs is pleased to offer the International Classroom Grant. These funds are to be used to promote, through use of innovative technology, international integration into classroom teaching. These funds can be used to support faculty salary to collaborate and develop an international classroom. **Application Due Date: May 1, 2017.**

<http://international.wvu.edu/funding/faculty/intl-classroom>

WVU Education Abroad to Portal Locations - The Office of Global Affairs is pleased to offer the Education Abroad to Portal Locations Grant to help promote education abroad opportunities for students in locations that coincide with the locations of WVU's Global Portals. These priority areas are the Middle East, Latin America, and Asia. These funds are designated to help cover faculty expenses for exploratory trips that will yield education abroad opportunities for WVU students. Funds can be used to cover expenses such as airfare, lodging, meals, and cultural activities related to developing an education abroad experience. Funds cannot be used for faculty salary, or for salary subsidization. Preference may be given to proposals that incorporate GEF curriculum into education abroad. Preference may be given to proposals that have supporting funds from their department, college, or outside source to support exploratory expenses. **Application Due Date: April 1, 2017.**

<http://international.wvu.edu/funding/faculty/education-abroad>

WVU General International Grant - The Office of Global Affairs is pleased to be able to offer the General International Grant to promote internationalization at West Virginia University. A total of \$40,000 has been dedicated to fund proposals that will increase international opportunities and capacity at the University. These funds can be used for the development of education abroad opportunities in areas outside of the WVU Global Portals (Middle East, Latin America, Asia). Proposals that have supporting funds from other sources may be given preference. These funds can be used to help promote research projects in areas outside of the WVU Global Portals. **Application Due Date: Applications will be**

evaluated as they are received until funding has been depleted.

<http://international.wvu.edu/funding/faculty/oga-general>

Secondary Data Analyses to Explore NIMH Research Domain Criteria (R03) - This FOA seeks applications which propose secondary analyses of existing clinical research datasets to investigate constructs identified in the NIMH's Research Domain Criteria (RDoC) initiative and to test novel hypotheses using the RDoC framework. **Application Due Date(s): [Standard dates apply.](#)**

<http://grants.nih.gov/grants/guide/pa-files/PAR-17-158.html>

Data Science Research: Personal Health Libraries for Consumers and Patients (R01) - 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. **Application Due Date(s): May 1, 2017; March 19, 2018.** <http://grants.nih.gov/grants/guide/pa-files/PAR-17-159.html>

NCMRR Early Career Research Award (R03) - The National Center for Medical Rehabilitation Research (NCMRR) Early Career Research (ECR) Award (R03) is intended to support both basic and clinical research from rehabilitation scientists who are establishing independent research careers. It cannot be used to support thesis/dissertation research or research conducted by postdoctoral fellows. The research should be focused on one or more of the areas within the biomedical and behavioral mission of NCMRR: pathophysiology and management of chronically injured nervous and musculoskeletal systems; repair and recovery of motor and cognitive function; functional plasticity, adaptation, and windows of opportunity for rehabilitation interventions; rehabilitative strategies involving pharmaceutical, stimulation, neuro-engineering approaches, exercise, motor training, and behavioral modifications; pediatric rehabilitation; secondary conditions associated with chronic disabilities; improved diagnosis, assessment, and outcome measures; and development of orthotics, prosthetics, and other assistive technologies and devices. The NCMRR ECR Award supports different types of projects including secondary analysis of existing data; small, self-contained research projects; development of research methodology; translational research; outcomes research; and development of new technology. Irrespective of the type of project, the intent of the NCMRR ECR Award is for the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) to obtain sufficient preliminary data for a subsequent R01 application. **Application Due Date(s): April 21, 2017, March 30, 2018, March 29, 2019.**

<http://grants.nih.gov/grants/guide/pa-files/PAR-17-161.html>

Pandemic Prevention Platform (P3) - DARPA is soliciting innovative research proposals to develop an end-to-end platform capability for preventing a pandemic threat in <60 days. Recent advances in medical countermeasures have formed a strong foundation, enabling the creation of a true end-to-end pandemic prevention platform. However, experience gained from conventional responses to emerging infectious diseases (MERS, SARS, dengue, chikungunya, Ebola) has demonstrated that significant bottlenecks hinder the rapid response to an emerging infectious threat. Current challenges include the ability to rapidly produce virus needed to test and evaluate therapies, to obtain high potency antibodies within the first weeks of an outbreak, or to scale delivery methods into humans to produce protective levels inside the patient. **Application Due Date(s): Proposal Abstract Due Date: March 13, 2017.**

Proposal Due Date and Time: May 1, 2017

<https://www.fbo.gov/spg/ODA/DARPA/CMO/HR001117S0019/listing.html>

Formative and Pilot Intervention Research for Prevention and Treatment of HIV/AIDS (R34) - This Funding Opportunity Announcement (FOA) encourages formative research, intervention development, and pilot-testing of interventions. Primary scientific areas of focus include the feasibility, tolerability, acceptability and safety of novel or adapted interventions that target HIV prevention or treatment. For the purposes of this FOA, intervention is defined to include behavioral, social, or structural approaches, as well as combination biomedical and behavioral, social, or structural approaches that prevent acquisition and transmission of HIV infection, or improve clinical outcomes for persons who are HIV infected, or both. **Application Due Date(s): [Standard AIDS dates](#) apply.**
<http://grants.nih.gov/grants/guide/pa-files/PA-17-166.html>

Research To Address Sleep Disorders in the Context of Medical Rehabilitation (R01) - Patients with many disabilities report problems sleeping, but specific sleep disorders are often not diagnosed. Because sleep affects many physiological and behavioral parameters--depression, anxiety, pain, cancer, cardiovascular changes, immune function-- sleep disorders should be diagnosed and appropriately treated to maximize benefit of rehabilitation. Research is needed on ways to best approach this complexity in the context of medical rehabilitation for a primary, non-sleep disorder. **Application Due Date(s): April 21, 2017, March 30, 2018, March 29, 2019.**
<https://grants.nih.gov/grants/guide/pa-files/PAR-17-163.html>

Ekhagastiftelsen (Ekhaga Foundation) Research Grants - The primary aim of the foundation is to support strategic and innovative research projects in ecological agriculture, biological medicine and the importance of the way of life for the human health. Within medicine the foundation supports research relating to the improvement and further development of such methods of healing that are natural and suited to promote the inherent human ability of self-healing. The holistic view of the human health, where not only medicine but also the effects of food and environment are observed, is here of great importance. Research in the significance of the environment and the way of life for the state of health is also supported. **Application Due Date: May 20, 2017.**
<http://www.ekhagastiftelsen.se/eng/ansokan.shtml>

David and Lucille Packard Foundation Population and Reproductive Health - The Packard Foundation's funding in this program area supports efforts to expand access to and improve the quality of essential services, including comprehensive sexuality education, voluntary family planning/contraception, and safe abortion. We focus our efforts in South Asia, Sub-Saharan Africa, and the United States. In each region, we make grants to strengthen service delivery, build leadership and advocacy capacity, and shift social and cultural norms that prevent women and youth from seeking the services they need to make healthy reproductive decisions. We use the evidence and experience we collect to forge partnerships with global research and advocacy organizations, especially youth-led networks, and to shape the discourse at the regional and global levels. **Application Due Date: Unsolicited proposals are not accepted, but interested grantseekers may submit an email inquiry, not to exceed one page, to population@packard.org.** <https://www.packard.org/what-we-fund/population-reproductive-health/>

Harry and Jeanette Weinberg Foundation, Inc. Grants - The Foundation awards grants through seven areas of giving (in order of annual funding goals): Older Adults, Workforce Development, Education, General Community Support, Disabilities, Basic Human Needs & Health, and Veterans. Older Adults - The Foundation supports organizations that help low-income and vulnerable older adults to age in their communities with independence and dignity. This is the largest single area of grantmaking by The Foundation. Basic Human Needs & Health - The Foundation supports organizations that meet the basic needs of individuals, families, and communities. These include programs in the areas of homeless

services, economic assistance, food security, and health. **Application Due Date: Letter of Inquiry are accepted on a rolling basis.** <http://hjweinbergfoundation.org/program-areas/>

Natural History of Disorders Identifiable by Screening of Newborns (R01) - This funding opportunity announcement (FOA) encourages applications that propose to develop studies that will lead to a broad understanding of the natural history of disorders that already do or could potentially benefit from early identification by newborn screening. A comprehensive understanding of the natural history of a disorder has been identified as a necessary element to facilitate appropriate interventions for infants identified by newborn screening. By defining the sequence and timing of the onset of symptoms and complications of a disorder, a valuable resource will be developed for the field. In addition, for some disorders, specific genotype-phenotype correlations may allow prediction of the clinical course, and for other disorders, identification of modifying genetic, epigenetic, or environmental factors will enhance an understanding of the clinical outcomes for an individual with such a condition. Comprehensive data on natural history will facilitate the field's ability to: 1) accurately diagnose the disorder; 2) understand the genetic and clinical heterogeneity and phenotypic expression of the disorder; 3) identify underlying mechanisms related to basic defects; 4) potentially prevent, manage, and treat symptoms and complications of the disorder; and 5) provide children and their families with needed support and predictive information about the disorder. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-16-061.html>

Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions (R34) - The purpose of this Funding Opportunity Announcement (FOA) is to encourage pilot research consistent with NIMH's priorities for: 1) effectiveness research on preventive and therapeutic interventions with previously demonstrated efficacy, for use with broader target populations or for use in community practice settings, and 2) research on the development and preliminary testing of innovative services interventions. Applications should provide resources for evaluating the feasibility, tolerability, acceptability and safety of approaches to improve mental health/functional outcomes, to modify risk factors, or to improve service delivery, and for obtaining the preliminary data needed as a pre-requisite to a larger-scale intervention trial (e.g., comparative effectiveness study, practical trial) or large-scale services study. Companion Funding Opportunities Include [RFA-MH-17-600, R61/R33](#) Exploratory/Developmental Phased Award, [RFA-MH-16-602, R33](#) Exploratory/Developmental Grants Phase II, [RFA-MH-17-604, R61/R33](#) Exploratory/Developmental Phased Award, [RFA-MH-17-606, R33](#) Exploratory/Developmental Grants Phase II, [RFA-MH-17-608, R01](#) Research Project Grant, [RFA-MH-17-610](#), Collab [R01](#) Research Project Grant and [RFA-MH-17-614, R01](#) Research Project Grant. **Application Due Date(s): February 15, 2017; June 14, 2017; October 17, 2017.** <https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-17-612.html>

International Research Grant Program: Alzheimer's Association Research Grant (AARG) - The Alzheimer's Association Research Grant aims to fund investigators who are less than 10 years past their doctoral or post residency (MD or DO) or investigators that are new to Alzheimer's and related dementia field of research even if past the 10 years. The purpose of this program is to provide newly independent investigators with funding that will allow them to develop preliminary or pilot data, to test procedures and to develop hypotheses. The intent is to support early-career development that will lay the groundwork for future research grant applications to the National Institutes of Health, National Science Foundation and other funding agencies and groups, including future proposals to the Alzheimer's Association. All NIRG applications must target defined areas of focus for fiscal year 2017 to be considered responsive to the program announcement. **Application Due Date(s): Letters of Intent Due**

March 1, 2017 and September 26, 2017. Full Application Due April 18, 2017 and November 11, 2017.
http://www.alz.org/research/alzheimers_grants/types_of_grants.asp

National Center for Responsible Gaming (NCRG) Seed Grant for Research on Gambling Disorder - The NCRG is open to supporting a variety of projects exploring the etiology, prevention and treatment of gambling disorder. The NCRG offers Seed Grants in support of a variety of research activities related to gambling disorders, such as: Pilot and feasibility studies, Secondary analysis of existing data, Small, self-contained research projects, Development of research methodology and Development of new research technology. **Application Due Date: August 1, 2017.** <http://www.ncrg.org/research-center/apply-ncrg-funding-0>

All of Us Research Program Engagement Partners (OT2) - The goal of the All of Us Research Program ("All of Us" or "the Program") is to build a diverse research cohort of one million or more U.S. volunteers who are engaged as partners in a longitudinal, long-term research effort to transform the understanding of factors contributing to individual health and disease. The purpose of this funding opportunity is to support engagement partners who can: Engage, educate, and motivate volunteers to join and remain in the Program, and to facilitate their enrollment where needed, with measurable success; Engage and educate health care professionals (physicians, nurses, physician assistants, etc.) about the All of Us Research Program; and/or enable health care professionals to facilitate enrollment of their patients or patients' family members in the Program, with measurable success. Proposals may have a local, regional, or national scope. **Application Due Date: March 24, 2017.** <https://www.nih.gov/research-training/allofus-research-program/funding/all-us-research-program-engagement-partners-ot2>

Russell Sage Foundation (RSF) Special Initiatives: The Social, Economic and Political Effects of the Affordable Care Act - The Affordable Care Act (ACA) of 2010 represents the most significant reform of the U.S. health care system in decades. It was enacted with the goals of increasing access to health insurance, enhancing the quality of care and moderating the growth in costs. The new law is likely to have far reaching effects, beyond the way health insurance markets operate and beyond its impact on population health outcomes. It is those other social, economic and political effects of the ACA that the RSF seeks to understand. **Application Due Date(s): Letters of Inquiry Due August 21, 2017. Full Proposals Due November 15, 2017.** <http://www.russellsage.org/research/social-economic-and-political-effects-affordable-care-act>

Brady Foundation Program Development Grants and Existing Program Evaluation Grants - The Brady Education Foundation seeks to close the achievement/opportunity gap for children at risk for poor school outcomes due to environmental factors associated with living in poverty. The Foundation pursues its mission by promoting collaboration between researchers and educators via the funding of program development and program evaluations in education. Currently, the Foundation is particularly focused on the development and evaluation of programs that are consistent with a strength-based approach and show promise of being feasible, effective and sustainable. **Application Due Date(s): April 1, 2017 and August 1, 2017.** <http://www.bradyeducationfoundation.org/applicationguidelines.html>

NIGMS Bridges to the Doctorate (R25) - The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development and Research Experiences. The Bridges to Doctorate Program is intended to provide these activities to master's level students to

increase transition to and completion of PhDs in biomedical sciences. This program requires partnerships between master's degree-granting institutions with doctorate degree-granting institutions. Applicants should directly address how the set of activities will complement and/or enhance the training of a diverse workforce that also meets the nation's biomedical and clinical research needs by discussing 1) the rationale underlying the balance of effort and resources dedicated to each activity; 2) how the activities integrate; and 3) objective indicators that can measure the effectiveness of the program. A program application must include each activity, and describe how they will be synergized to make a comprehensive program. Additionally, recruitment and retention plans are expected as part of the application. **Application Due Date: September 25, 2017.** <https://grants.nih.gov/grants/guide/pa-files/PAR-16-109.html>

AHA/CHF Congenital Heart Disease Research Awards - The Children's Heart Foundation (CHF) has partnered with the AHA to establish these awards to provide support for investigators who are actively conducting basic, clinical, population or translational research directly related to congenital heart disease. **Application Due Date: Online Applications are accepted on a rolling basis (see website for details).**

http://professional.heart.org/professional/ResearchPrograms/StrategicallyFocusedResearchTopics/UCM489506_AHACHF-Congenital-Heart-Defect-Research-Awards.jsp

NIJ FY17 Understanding the Impacts of Policing Strategies and Practices (Beyond Crime Reduction) -

With this solicitation, NIJ seeks applications for funding research and/or evaluation projects to examine the impacts of policing strategies and practices using outcome measures that consider crime reduction as well as other possible positive and negative impacts on individuals, neighborhoods, communities, and the policing organizations. NIJ will accept proposals to assess strategies and practices that focus on place (where crime occurs) or the individual-level, such as the Chicago (IL) Police Department's Strategic Subjects List intervention. One of the major objectives of this solicitation is the development of more complete measures of the impacts of a policing strategy and/or practice. NIJ is particularly interested in understanding the degree to which a strategy and/or practice can be effective in reducing crime with minimal negative collateral consequences. **Application Due Date: March 23, 2017.**

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=291047>

HRSA Black Lung Clinics Program - This announcement solicits applications for the Black Lung Clinics Program (BLCP). BLCP's primary goal is to reduce the morbidity and mortality associated with occupationally-related coal mine dust lung disease (CMDLD)[1] through the provision of medical, outreach, educational, and benefits counseling services. [1] CMDLD is used here to refer to a spectrum of lung diseases caused by inhaling coal mine dust that includes coal workers' pneumoconiosis, mixed dust pneumoconiosis, silicosis, dust-related diffuse fibrosis, and chronic obstructive pulmonary disease. See, e.g., Petsonk et al (2013), "Coal Mine Dust Lung Disease: New Lessons from an Old Exposure," American Journal of Respiratory and Critical Care Medicine 187(11), pp. 1178-1184. **Application Due Date: March 6, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=284889>