

WEEKLY FUNDING OPPORTUNITIES

[July 19, 2017](#)

Below are this week's funding opportunities and announcements from the School of Public Health Offices of Research and Development. If any of the funding opportunities pique your interest, contact Director of Research Erica Bentley for sponsored projects or Director of Development Karen Galentine for private foundations and corporations.

ANNOUNCEMENTS

New Facilities and Administration Rate Agreement Effective July 1 - Please note that WVU has a new negotiated rate agreement. The only change from last year's rates are that the non-benefit eligible part-time rate rose from 7% to 8% and the graduate student rate dropped from 7% to 6%. A copy of the agreement is available on the [OSP web page](#). The new rates began July 1, 2017 and should be used in all new proposal budgets.

Faculty Research Opportunities

OSHA Susan Harwood Training Grant, FY 2017 - Under the authority of Section 21(c) of the Occupational Safety and Health Act of 1970 (OSH Act), the U.S. Department of Labor (DOL) Occupational Safety and Health Administration (OSHA) established its discretionary grant program in 1978. In 1997, the program was renamed in honor of the late Susan Harwood, a former director of OSHA's Office of Risk Assessment. The program offers an opportunity for nonprofit organizations to compete annually for funding so they may develop and conduct training and education programs for small business employers and workers on the recognition, avoidance, and prevention of occupational safety and health hazards in their workplaces, and to inform workers of their rights and employers of their responsibilities under the OSH Act. For FY 2017, OSHA announces the availability of approximately \$10.5 million to fund new Susan Harwood Training Grants. OSHA expects to award multiple grants to eligible nonprofit

organizations under this competitive Funding Opportunity Announcement (FOA). Program funding will be for a 12-month period beginning no later than September 30, 2017, and ending on September 30, 2018. Grant awards will not exceed \$155,000 for a Targeted Topic Training grant or \$50,000 for a Training and Education Material Development grant. **Application Due Date: Aug 28, 2017** <https://www.grants.gov/web/grants/view-opportunity.html?oppId=295465>

Arts-Based Approaches in Palliative Care for Symptom Management (R01) - The purpose of this funding opportunity announcement (FOA) is to support mechanistic clinical studies aimed at understanding the impact of arts-based approaches in palliative care for symptom management. This FOA is intended to support mechanistic clinical studies to provide an evidence base for the use of the arts in palliative care for symptom management. The objective is to understand the biological, physiological, neurological, psychological, and/or sociological mechanisms by which the arts exert their effects on symptom management during and throughout the palliative care continuum. The goal is for the research supported under this FOA to develop an evidence-base that could be used as a basis for the uptake of arts-based therapies in palliative care settings, among individuals across the lifespan, with a wide variety of serious chronic conditions and their accompanying symptoms. This FOA is not intended to determine efficacy or the comparative effectiveness of interventions, or to assess interventions designed to treat the underlying cause of a particular disease state. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PAR-14-294.html>

MSHA Mine Health and Safety Grants - The Secretary of Labor's vision for the U.S. workforce is Promoting and Protecting Opportunity. One of the Department's strategic goals is to "improve workplace safety and health" through the strategic objective "secure safe and healthy workplaces, particularly in high-risk industries." MSHA's goal in accomplishing this objective is to "prevent death, disease, and injury from mining and promote safe and healthful workplaces for the Nation's miners." Under Section 503 of the Federal Mine Safety and Health Act of 1977 (Mine Act), Public Law 95-164, as amended, the Secretary of Labor through the Mine Safety and Health Administration (MSHA) may award grants to States to include the District of Columbia, the

Commonwealth of Puerto Rico, the Virgin Islands, American Samoa, Guam, and the Commonwealth of the Mariana Islands to assist them in developing and enforcing State mining laws and regulations, to improve State workers' compensation and mining occupational disease laws and programs, and to improve safety and health conditions in the Nation's mines through Federal-State coordination and cooperation. **Application Due Date: Closing Date for Receipt of Applications has been extended to August 7, 2017.** <https://www.grants.gov/web/grants/view-opportunity.html?opId=291040>

John Z. Duling Grant Program - The Jack Kimmel International Grant Program, championed by the Canadian TREE Fund, honors the late Jack Kimmel who was the former Director of Parks for the City of Toronto. He is remembered for his contribution of 46 years of leadership to the ISA and its Ontario chapter. Jack Kimmel grants provide much needed funding to arboriculture and urban forestry researchers all over the world. This grant is administered by TREE Fund, with participation from the Canadian TREE Fund in the evaluation process. TREE Fund's current research priorities include Risk assessment and worker safety: Safety is a major concern to practicing arborists, especially as incomplete knowledge of potential hazards can be a life-or-death issue for both tree workers and the public they serve. Detection and prevention of structural degradation of trees via decay and other factors are especially important. However, practitioners face additional challenges when working in sites with live utility wires and whenever their work requires leaving the ground to attend to problem areas. Thus, research leading to improved equipment and work practices is also a high priority. **Application Due Date: October 1, 2017.** <http://www.treefund.org/grants/research-grants>

Research for Health in Humanitarian Crises (R2HC) Programme - R2HC Fourth Call for Proposals - The scope of this call covers any research that will strengthen the evidence base around public health interventions, and thereby lead to more effective public health interventions in humanitarian crises. "Humanitarian crises," for the purpose of the programme, includes natural disasters, conflicts, or complex emergencies, either at the regional, national or sub-national levels, within lower- or middle-income countries. Applicants may seek funding from one of two different streams: Core Funding:

Research concerned with health outcomes in the acute phase of an existing humanitarian crisis is prioritised. Proposals focusing on resilience/disaster risk reduction or early recovery will be considered where a clear link is made with health outcomes in an acute phase. Rapid Response Funding: Research in the context of a rapid-onset crisis which is yet to occur. A mechanism has been established to be able to fund research in the acute phase of a rapid-onset crisis, for which the timeline of 'standard' funding programmes would be too slow. All proposals will be expected to demonstrate the potential scale and impact of the proposed research. **Application Due**

Date(s): Expressions of Interest due by August 16, 2017. Invited Full Proposals Due December 31, 2017. <http://www.elrha.org/r2hc/funding/>

Developing the Therapeutic Potential of the Endocannabinoid System for Pain

Treatment (R01) - The purpose of this Funding Opportunity Announcement (FOA) is to support projects that will elucidate the therapeutic potential of the cannabinoids and endocannabinoid system in the development of mechanism-based therapies for pain. **Application Due Date: Standard**

datesapply. <http://grants.nih.gov/grants/guide/pa-files/PA-15-188.html>

Norfolk Southern Foundation Grants - The foundation was established in 1983 to direct and implement Norfolk Southern Corporation's charitable giving programs. Through strategic investment in educational, cultural, environmental, and human service organizations within Norfolk Southern's service territory, the Foundation seeks to enhance the quality of life for Norfolk Southern employees and the "livability" of the communities it serves. Norfolk Southern Foundation offers grants in four principal areas: 1. Educational programs, primarily at the post-secondary level; 2. Community enrichment focusing on cultural and artistic organizations; 3. Environmental programs; and 4. Health and human services (food banks, homeless programs, and independent free clinics). Grants may be awarded for specific projects, including capital projects or for general operating support. **Anticipated Application Due Date: September 30, 2017.** <http://www.nscorp.com/content/nscorp/en/in-your-community/norfolk-southern-foundation.html>

Target Assessment, Engagement and Data Replicability to Improve Substance Use Disorders Treatment Outcomes (R21/R33) - This Funding Opportunity Announcement (FOA) is part of an NIH initiative known as Collaborative Research on Addiction at NIH (CRAN). Areas supported by this FOA include research to generate and conduct preliminary tests of targeted addiction treatment to address multiple substances, which may include alcohol, tobacco and other drug use (ATOD). This FOA encourages applications that focus on early-stage, treatment generation and pilot clinical trials that are consistent with an experimental therapeutic approach. This approach requires the identification of a theory-derived target based on putative mechanisms of alcohol, tobacco and other drug use, and clear hypotheses about how a treatment directed at changing the target can lead to clinical benefits. Studies of novel treatments include, but are not limited to behavioral, pharmacological, physiological, learning- and device-based treatment approaches. Companion Funding Opportunity is [PAR-16-352](#), [R33](#) Exploratory/Developmental Grants Phase II. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PAR-16-353.html>

Christopher and Dana Reeve Foundation Quality of Life Grants Program - This program recognizes projects and initiatives that foster community engagement, inclusion and involvement, while promoting health and wellness for individuals living with paralysis and their families. The grants fund a wide array of programs that are organized in three key thematic areas: Actively Achieving, Bridging Barriers, or Caring and Coping (ABC's). **Application Due Date: August 31, 2017.** <https://www.christopherreeve.org/get-support/grants-for-non-profits/program-overview>

International Research Collaboration on Alcohol and Alcoholism (U01) - This Funding Opportunity Announcement (FOA) invites applications for the purpose of fostering international collaborations between alcohol research investigators within the United States and investigators located at non-United States laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is

intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-14-268.html>

Screening and Brief Alcohol Interventions in Underage and Young Adult

Populations (R01)- The objective of this FOA is to encourage research on screening and brief interventions to prevent and/or reduce alcohol use and alcohol-related harms. Examples of research that are encouraged by this FOA are given below, and are not meant to be exclusive: Studies of the duration of effects from SBI and whether those effects can be enhanced by boosters; Studies of the appropriate behavioral counseling that should be paired with screening, and studies indicating how elements of this counseling might best be tailored to different types of individuals; Studies that examine the reasons for response vs. non-response to brief interventions (e.g. neurocognitive processes, parental involvement, peer networks, etc.); Studies of effective ways to combine alcohol screening with drug and tobacco screening; Studies that adapt SBI for delivery in non-clinical settings including schools, the military, and criminal justice settings; Implementation studies that examine the translation of evidence-based interventions into standard clinical practice and studies that examine implementation processes and contextual factors that hinder or facilitate adoption and sustainability; and Studies that evaluate the effectiveness of SBI in health disparities populations, isolate elements of the intervention that increase effectiveness in those populations, and develop and test protocols designed explicitly for those populations. Companion Funding Opportunities include [PA-15-294](#), [R21](#) Exploratory/Developmental Grant and [PA-15-296](#), [R03](#) Small Grant Program. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-15-295.html>

NSF Ecology and Evolution of Infectious Diseases (EEID) - The Ecology and Evolution of Infectious Diseases program supports research on the ecological, evolutionary, and socio-ecological principles and processes that influence the transmission dynamics of infectious diseases. The central theme of submitted projects must be quantitative or computational understanding of pathogen transmission

dynamics. The intent is discovery of principles of infectious disease transmission and testing mathematical or computational models that elucidate infectious disease systems. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged, as are disease systems of concern in agricultural systems. **Application Due Date: November 15, 2017.** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5269

The Midlife in the United States Study (U19) - The purpose of this FOA is to solicit an application for the next 5-year cycle of the Midlife in the United States (MIDUS) Study, a National Longitudinal Study of Health and Well-being. The goals of this next phase are to complete the third wave of longitudinal data collection and enhance content in the area of daily stress; complete the second wave of data collection of clinical biomarkers and affective neuroscience assessments; continue innovative sub-studies such as how psychosocial influences affect gene expression and novel methods to track and reinstate non-responders; connect these content areas through innovative analyses to data on health, functioning, personality, cognitive status, affective functioning, economic well-being, social relationships, and well-being; and maintain and enhance data distribution and user support. A central goal of the MIDUS study is to support data dissemination, user support of public use files, and encourage data use broadly by the scientific community. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-14-356.html> **NOTE: This is a limited submission. Only one application per institution is allowed.**

End-of-Life and Palliative Needs of Adolescents and Young Adults (AYA) With Serious Illnesses (R01) - The purpose of this funding opportunity announcement (FOA) is to foster research on the unique perspectives, needs, wishes, and decision-making processes of adolescents and young adults (AYA; defined by the World Health Organization and the Centers for Disease Control and Prevention as youth between 12 - 24 years of age) with serious, advanced illnesses; and research focused on specific end-of-life/palliative care (EOLPC) models that support the physical, psychological, spiritual, and social needs of AYA with serious illness, their families and caregivers. Companion Funding Opportunity is [PA-15-325](#), [R21](#) Exploratory/Developmental

Grant. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-15-324.html>

Patient Safety in the Context of Perinatal, Neonatal, and Pediatric Care (R01) - This funding opportunity announcement (FOA) encourages a wide range of collaborative research projects related to patient safety in the context of perinatal, neonatal and pediatric care both in routine hospital settings and in the intensive care units. The FOA welcomes applications related to (but not limited to): the epidemiology of various domains of medical errors and consequent patient harm; assessing the factors at various levels that contribute to such errors; and intervention strategies at individual, systems, and institutional levels to help reduce and eliminate medical errors. It is anticipated that knowledge gained from these projects will help develop strategies to deliver highest quality of healthcare to all newborn infants and children with utmost safety and effectiveness. Companion Funding Opportunities include [PA-14-313](#), [R03](#) Small Grant Program and [PA-14-311](#), [R21](#) Exploratory/Developmental

Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-14-312.html>

Health Disparities and Alzheimer's Disease (R01) - This FOA invites applications proposing to study health disparities in Alzheimer's disease (AD) and related disorders. Health-disparities research related to AD should include the study of biological, behavioral, sociocultural, and environmental factors that influence population level health differences. Research approaches of interest include 1) improving recruitment and retention of populations underrepresented in AD research, 2) identifying priority factors or locating pathways and mechanisms that create and sustain AD health disparities, 3) addressing the challenges faced by informal/family caregivers from diverse racial, ethnic and socioeconomic backgrounds that are associated with the growing population of individuals with Alzheimer's Disease, and 4) understanding the disparities in access to and utilization of formal long-term supports and services for those with dementia. Companion Funding Opportunity is [PAR-15-350](#), [R03](#) Small Grant

Program. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PAR-15-349.html>

Understanding and Improving Diagnostic Safety in Ambulatory Care: Incidence and Contributing Factors (R01) - Despite the growing interest and rapid pace of recent achievements, not much is known with a high degree of confidence about the prevalence of diagnostic failure in its various manifestations. This Funding Opportunity Announcement (FOA) solicits applications from research institutions and their investigators to conduct Health Services Research Projects (R01) to gain a better understanding of the complexity and incidence of diagnostic failure and its associated costs and harms. Companion Funding Opportunity is [PA-15-179, R18](#) Research Demonstration and Disseminations Projects. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-15-180.html>

Pilot Clinical Trials for the Spectrum of Alzheimer's Disease and Age-related Cognitive Decline (R01) - This Funding Opportunity Announcement (FOA) invites applications that propose to develop and implement Phase I or II clinical trials of promising pharmacological and non-pharmacological interventions in individuals with age-related cognitive decline and in individuals with Alzheimer's disease (AD) across the spectrum from pre-symptomatic to more severe stages of disease, as well as to stimulate studies to enhance trial design and methods. Companion Funding Opportunity is [PAR-16-364, R01](#) Research Project Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PAR-16-365.html>

Population Health Interventions: Integrating Individual and Group Level Evidence (R21) - Population Health Interventions: Integrating Individual and Group Level Evidence (R21) - To improve health and reduce the burden of disease, scientific research needs to be implemented at the population level in addition to the biological and clinical levels. The purpose of this funding opportunity announcement (FOA) is to support multilevel, transdisciplinary population health interventions that target underlying social, economic, and environmental conditions in an effort to improve health outcomes. Companion Funding Opportunity is [PA-16-146, R01](#) Research Project Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-16-147.html>

Safety and Outcome Measures of Pain Medications Used in Children and Pregnant Women (R01) - The purpose of this funding opportunity announcement (FOA) is to (1) promote preclinical, translational, clinical and epidemiological research in pain medications use in children or in pregnant women to fill knowledge gaps in safe use of the pain medications in these special populations; and (2) develop effective instruments or approaches to assess and evaluate maternal and child outcomes of pain medication treatments. There is a need for data on pain medications used in children and pregnant women to be shared and made available to the scientific community for future studies and to encourage replication of findings and meeting the goal of further advancing research in this area. Companion Funding Opportunities Include [PA-16-313, R03](#) Small Grant Program and [PA-16-312, R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-16-311.html>

Secondary Analyses of Alcohol and Chronic Disease (R01) - This Funding Opportunity Announcement (FOA) encourages applications that propose to conduct secondary analyses of alcohol as it relates to chronic disease etiology and epidemiology. The goal of this program is to facilitate innovative yet cost-effective research utilizing previously collected data. Companion Funding Opportunity is [PA-16-394, R03](#) Small Grant Program. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-16-395.html>