



# WEEKLY FUNDING OPPORTUNITIES

[May 24, 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

**SPH Expert Database** – Several people still need to complete our *Experts Database survey*. The purpose of the database is to foster collaboration both internally and externally. In the future, this will become a part of our website. ***If you haven't already, please take a few minutes to complete the survey (link below) to let us know about your research interests:*** <http://tinyurl.com/SPHResearchExpertsDatabase>

If you aren't sure if you've completed the survey, we can let you know.

Email [Erica](#) or [Susan](#) for more information.

## **USDA Rural Health and Safety Education Competitive Grants Program (RHSE) -**

The RHSE program proposals are expected to be community-based, outreach education programs, such as those conducted through Human Science extension outreach, that provides individuals and families with: Information as to the value of good health at any age; Information to increase individual or family's motivation to take more responsibility for their own health; Information regarding rural environmental health issues that directly impact on human health; Information about and access to health

promotion and educational activities; and Training for volunteers and health services providers concerning health promotion and health care services for individuals and families in cooperation with state, local and community partners. In response to the Congressional Directive NIFA received as part of the Consolidated Appropriations Act, 2017 (Public Law 115-31), funding priority will be given to meritorious applications addressing the opioid abuse epidemic and combatting opioid abuse in rural communities. **Application Due Date: June 30, 2017.** <https://nifa.usda.gov/funding-opportunity/rural-health-and-safety-education-competitive-grants-program-rhse>

### **Pesticides and National Strategies for Healthcare Providers, Training Program -**

The U.S. Environmental Protection Agency (EPA) is soliciting applications from eligible organizations to manage a cooperative agreement to help educate the medical community on how to recognize and treat pesticide-related health conditions. The long-term goal of the project is to achieve improved health for communities at risk for overexposure to pesticides through outreach, technical assistance and training to increase knowledge and awareness of environmental and occupational health risks. This is a national environmental and occupational health effort solicited by doctors, clinicians, and state health departments. With this award, EPA seeks to build on the progress of previous project titled "From the Fields to the Exam Room: Integrating the Recognition, Management and Prevention of Pesticide Poisonings into the Primary Care Setting." The publication "Recognition and Management of Pesticide Poisoning" was an earlier product of the initiative. EPA is seeking applications to (1) provide continuing education, training and technical assistance to relevant audiences; (2) update existing, and/or develop new materials and resource tools; (3) conduct outreach to existing and new audiences to use materials and tools; and (4) develop partnerships and a sustainable network of stakeholders. EPA expects to provide an estimated \$500,000 annually, depending on the Agency's budget, for a total of up to \$2,500,000 for five years (2017 through 2022). **Application Due Date: June 20, 2017.** <https://www.grants.gov/web/grants/view-opportunity.html?oppld=294044>

**Gene-Environment Interplay in Substance Use Disorders (R01)** - This Funding Opportunity Announcement (FOA) seeks to stimulate and expand research on the

interplay of genetic and environmental factors in the genesis, course, and outcomes of substance and alcohol use disorders (SUDs). Previous work in genetic epidemiology and molecular genetics has established that SUDs are highly heritable, developmental disorders with important genetic substrates. Building on these findings, new studies using genetically informative approaches are needed to elucidate the complex interplay of genetic and environmental factors in developmental trajectories of SUDs and comorbid conditions, deepen and refine phenotypic definitions of SUDs, and meet the methodologic challenges of the field. Such studies hold great potential to promote understanding of the true contributions of both genetic and environmental factors to initiation, progression, comorbidity, adverse outcomes, and cessation of SUDs; to elucidate mechanisms of risk; and to enhance opportunities for translation to treatment, prevention, gene-finding and molecular studies. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-15-110.html>

### **Uncovering the Causes, Contexts, and Consequences of Elder Mistreatment**

**(R01)** - The purpose of this Funding Opportunity Announcement is to solicit applications proposing research that can lead to advancements in the understanding of elder mistreatment (emotional abuse, physical abuse, and sexual abuse; financial exploitation; abandonment; and neglect) and lay the foundation for the future design of mechanistically focused interventions for individuals at risk for elders, for promoting recovery and resilience in the maltreated and their families, and for preventing re-perpetration for those who have inflicted harm. Applications are solicited from multidisciplinary teams which include researchers from the fields of elder mistreatment, child abuse and neglect, intimate partner violence, and/or emergency medicine to pursue research in two priority areas: (1) the development of new and innovative tools and methods for the screening and detection of elder mistreatment; and (2) the identification of modifiable risk factors for elder mistreatment and modifiable protective factors, with potential to prevent maltreatment and/or enable individuals who have been mistreated and those who have mistreated others to overcome adversity and thrive. All applications should propose evidence-based strategies for addressing ethical challenges surrounding informed consent and study design in the research proposed, and to employ, when possible, best practices established in the fields of child abuse and

neglect and/or intimate partner violence. **Application Due Date(s): October 20, 2017.** <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-18-010.html>

**Addressing Suicide Research Gaps: Aggregating and Mining Existing Data Sets for Secondary Analyses (R01)** - This funding opportunity announcement (FOA) seeks to leverage data from existing basic, clinical, and intervention research on suicide risk and behaviors as well as social media and healthcare records data, by encouraging the integration of existing data sets for novel secondary analyses aimed at identifying potential biological, experiential, and other predictors and moderators of suicide risk. The use of dimensional variables and inclusion of multiple levels of analyses is particularly encouraged. A secondary goal of this FOA is to support innovative projects that will generate foundational work for research studies on suicide-related behaviors that inform a Research Domain Criteria (RDoC) approach in this area. Projects supported by this FOA will help address gaps identified in the 2014 Prioritized Research Agenda for Suicide Prevention. **Application Due Date(s): November 2, 2017.** <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-18-400.html>

**Leveraging Population-based Cancer Registry Data to Study Health Disparities (R01)** - The goal of this Funding Opportunity Announcement (FOA) is to efficiently use the existing cancer registry infrastructure by augmenting data already collected with additional information needed to understand health disparities among people diagnosed with cancer. Specifically, this FOA will support the study of factors influencing observed health disparities within the framework of population-based cancer registries by the inclusion of data not routinely collected by or linked to the registries. The studies should be hypothesis-driven and multidisciplinary approaches are encouraged. Investigators are encouraged to leverage the data already collected by the registries to investigate the determinates of health disparities. The goal of these analyses will be to understand why disparities in cancer treatment and outcomes persist by identifying factors contributing to disparities and their relative importance. Companion Funding Opportunity is [PA-17-288, R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-17-289.html>

**Behavioral Interventions for Prevention of Opioid Use Disorder or Adjunct to Medication Assisted Treatment-SAMHSA Opioid STR Grants (R21/R33)** - The purpose of this FOA is to solicit applications to examine the impact of behavioral interventions within the context of states plans for use of the SAMHSA Opioid STR grant funds authorized under the 21st Century Cures Act. Applications are encouraged for studies that examine the impact of interventions such as mindfulness meditation, cognitive behavioral therapy, or multi-disciplinary rehabilitation for primary or secondary prevention for opioid use disorder (OUD) or as an adjunct to medication assisted treatment (MAT) of OUD. Applications that emphasize treatment of the comorbidity of OUD and chronic pain are of particular interest. **Application Due Date(s): August 4, 2017.**<http://grants.nih.gov/grants/guide/rfa-files/RFA-AT-18-001.html>

**Health Services and Economic Research on the Prevention and Treatment of Drug, Alcohol, and Tobacco Abuse (R21)** - This Funding Opportunity Announcement (FOA) encourages R21 grant applications to conduct rigorous health services and economic research to maximize the delivery of efficient, high-quality drug, tobacco, and alcohol prevention, treatment, and recovery support services. Examples of such research include: (1) clinical quality improvement; (2) quality improvement in services organization and management; (3) implementation research; (4) economic and cost studies; and (5) development or improvement of research methodology, analytic approaches, and measurement instrumentation used in the study of drug, alcohol, and tobacco prevention, treatment, and recovery services. Companion Funding Opportunities are [PA-15-251](#), [R01](#) Research Grant, [PA-15-252](#), [R03](#) Small Grant Program, and [PA-15-250](#), [R34](#) Planning Grant. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-15-253.html>

**Harnessing Big Data to Halt HIV (R01)** - The purpose of this Funding Opportunity Announcement (FOA) is to promote research that transforms understanding of HIV transmission, the HIV care continuum, and HIV comorbidities using Big Data Science (BDS). These approaches should include projects to assemble big data sources, conduct robust and reproducible analyses, and create meaningful visualization of big

data. **Application Due Date(s): Standard**

**dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-15-273.html>

**Studies at Perivable Gestation (R01)** - This Funding Opportunity Announcement (FOA) focuses on projects that will provide an evidence base to guide therapies and treatment at perivable gestational age for both mothers and their infants. Companion Funding Opportunities are [PA-15-199](#), [R03](#) Small Grant Program and [PA-15-](#)

[198](#), [R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-15-200.html>

**Rivers, Trails, and Conservation Assistance Program** - The National Park Service Rivers, Trails, and Conservation Assistance program supports community-led natural resource conservation and outdoor recreation projects across the nation. The national network of conservation and recreation planning professionals partners with community groups, nonprofits, tribes, and state and local governments to design trails and parks, conserve and improve access to rivers, protect special places, and create recreation opportunities. **Application Due Date: June 30, 2017.** <https://www.nps.gov/orgs/rtca/apply.htm>

**Health of Sexual and Gender Minority (SGM) Populations (R15)** - The National Institutes of Health (NIH) is committed to supporting research that will increase scientific understanding of the health status of diverse population groups and thereby improve the effectiveness of health interventions and services for individuals within those groups. Priority is placed on understudied populations with distinctive health risk profiles. This funding opportunity announcement (FOA) focuses on sexual and gender minority (SGM) populations, including lesbian, gay, bisexual, transgender, and intersex populations. Basic, social, behavioral, clinical, and services research relevant to the missions of the sponsoring Institutes and Centers may be proposed. Companion Funding Opportunities are [PA-15-261](#), [R01](#) Research Project Grant, [PA-15-](#)

[262](#), [R03](#) Small Grant Program, and [PA-15-263](#), [R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard**

**dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-15-260.html>

**NIHCM Foundation Investigator-Initiated Research Grants** - The National Institute for Health Care Management Foundation is a nonprofit, nonpartisan research and educational foundation dedicated to improving the effectiveness, efficiency, and quality of the U.S. healthcare system. To help advance this mission, the foundation is inviting Letters of Inquiry for innovative research that will advance the existing knowledge base in the areas of healthcare financing, delivery, management, and/or policy. **Application Due Date(s): Letters of Inquiry must be received by July 10, 2017. Invited Full Applications will be due in September 2017.**<https://www.nihcm.org/grants/research-grants>

**Tufts Health Plan Foundation Policy and Advocacy Initiatives** - The Tufts Health Plan Foundation supports nonprofit organizations in their work to improve systems and best practices that influence and ultimately result in healthy communities and age-friendly cities. Through its Policy and Advocacy program, the foundation will support efforts that are inclusive, collaborative, address quality of life, and improve conditions for all across the lifespan. The foundation invites applications from initiatives in the areas of built environment, transportation, housing, social and civic participation and inclusion, employment, communications and information, and community support and health services. Projects should include a focus on the community/civic engagement of diverse stakeholders; participation of key stakeholders, including older adults, in support of planning, policy, and advocacy initiatives; and expanded access to programs and services as well as system change/improvement. **Application Due Date(s): Letter of Intent Due by July 20, 2017. Invited Full Proposals Due by September 18, 2017.** <http://www.tuftshealthplanfoundation.org/>

**Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research (K01)** - This Funding Opportunity Announcement (FOA) invites applications to enhance the pool of highly trained investigators from diverse backgrounds underrepresented in research. It is 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. This FOA invites applications from Institutions with eligible faculty members to undertake special study and supervised research under a mentor who is an accomplished investigator in the research area proposed and has experience in developing independent investigators. **Application Due Date(s): October 15, 2017, February 20, 2018.**<https://grants.nih.gov/grants/guide/rfa-files/RFA-HL-16-006.html>