

December 6, 2016

Faculty Research Opportunities

Starkey Hearing Foundation Grants – The Starkey Hearing Foundation brings understanding among people through hearing care by focusing on awareness, education, protection, and treatment. To advance this mission, the foundation awards grants in the area of hearing healthcare, however, related areas such as health, human services, education, and community projects are also considered.

Application Due Date: January 15, 2017, April 15, 2017, July 15, 2017 and October 15, 2017.

<https://www.starkeyhearingfoundation.org/Grants-Program>

Oral Anticancer Agents: Utilization, Adherence, and Health Care Delivery (R21) - The purpose of this funding opportunity announcement (FOA) is to encourage exploratory/developmental research grant applications to: (1) assess and describe the current state of oral anticancer medication utilization, delivery, and adherence; (2) identify structural, systemic, and psychosocial barriers to adherence; and (3) develop models and strategies to improve safe and effective delivery of these agents so that clinical outcomes are optimized. Applications should focus research questions on at least one of the following: specific cancer type; class of drugs; and/or groups subject to disparities (e.g., elderly populations, members of low socioeconomic groups, racial/ethnic minorities). Research may be focused at the patient (pediatric, adolescent, or adult), patient-caregiver, provider, health care team, or health care delivery system level, and may include intervention studies, observational studies, or mixed-methods studies. Observational studies should emphasize modifiable risk factors for future intervention research. Companion Funding Opportunity is [PA-17-060](#) , R01 Research Project Grant. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-17-061.html>

Russell Sage Foundation Social, Economic and Political Effects of the ACA - The program supports innovative social science research on the social, economic, and political effects of the Affordable Care Act. The foundation is especially interested in funding analyses that address important questions about the effects of the reform on outcomes such as financial security and family economic well-being, labor supply and demand, participation in other public programs, family and children's outcomes, and differential effects by age, race, ethnicity, nativity, or disability status. The foundation also is interested in research that examines the political effects of the implementation of the new law, including changes in views about government, support for future government policy changes, or the impact on policy development outside of health care. Funding is available for secondary analysis of data or for original data collection. Projects that propose novel uses of existing data and projects that propose to analyze newly available or underutilized data are welcome. The foundation will not fund research on the effects of the ACA on healthcare delivery or health outcomes (e.g., barriers to implementation, changes in the quality of care and health status, or trends in enrollment and affordability), as other funders already do that. **Application Due Date: Letters of Intent Due by August 21, 2017.**

<http://www.russellsage.org/research/funding/affordable-care-act>

American Academy of Pediatrics Community Access to Child Health – the CATCH program provides support to pediatricians willing to collaborate within their communities so that all children have access to needed health services. To that end, CATCH is accepting applications for three community health grant opportunities: the CATCH Planning and Implementation Grants program, the CATCH Resident Grants program, and the Catch Resident Obesity Grant Opportunity. **Application Due Date: January 31, 2017.** <http://www2.aap.org/catch/funding.htm>

Alpha Foundation Holistic Mining Safety and Health Research Efforts - the goal of this solicitation is to bring a range of disciplines together to interact and provide a better opportunity through synergistic efforts to solve challenging mine problems. The Foundation intends to create a "coalition" spirit to bring the best talent together and fund a cohesive research effort that is focused on a holistic solution approach around a common goal or specific aim. The desired outcome is to expand the solution space of a particular problem area beyond what has been accomplished with the traditional engineering / technological design practice or health-related exposure assessment studies. **Application Due Date: Concept Papers are Due by January 31, 2017.** http://www.alpha-foundation.org/wp-content/uploads/2016/10/AFC417-Holistic-Solicitation_Final_101816.pdf

Greater Kanawha Valley Foundation - The Foundation has a bold vision for the region it serves: to be a forward-thinking and closely connected community that fearlessly works together to promote the prosperity of all. By working to grow multiple forms of community wealth, TGKVF believes the foundation and our grantee partners can have substantial and lasting impact on the root cause issues that continually undermine better outcomes in education and health systems while fostering leadership and civic engagement throughout our community. **Application Due Date: Preliminary Proposals are Due by January 10, 2017.** <https://tgkvf.org/grants/>

Diabetes and Cardiovascular Disease in Older Adults (R21) - This Funding Opportunity Announcement (FOA) invites applications that propose basic, clinical, and epidemiological outcomes research on the impact of age on the development of, diagnosis, and management of diabetes and cardiovascular disease (CVD) complications in older persons or animal models. Research may focus on, but is not limited to 1) the epidemiology of increasing incidence and prevalence of DM with advancing age, particularly regarding potential racial-ethnic disparities, 2) the elucidation of age-related mechanisms predisposing older adults to diabetes and resultant CVD, 3) understanding the role of aging in increased incidence and severity of CVD outcomes in older diabetics, and 4) determining age-specific prevention, screening, diagnostic, and management strategies of DM in older persons and its CVD complications. Research supported by this initiative is expected to elucidate the role of aging mechanisms that underlie the increased vulnerability of older adults to DM and its CVD complications and to provide evidence-based guidance to improve more appropriate diagnostic criteria, risk stratification, and intervention recommendations to prevent the onset, or improve short- and long-term outcomes, of DM and CVD in older persons. Companion Funding Opportunities include [PA-15-037](#), [R01](#) Research Project Grant [PA-15-039](#), [R03](#) Small Grant Program. **Application Due Date: Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-15-038.html>

Nutrition and Alcohol-Related Health Outcomes (R03) - This FOA issued by the National Institute on Alcohol Abuse and Alcoholism (NIAAA) and the National Cancer Institute (NCI) encourages Small Research Grant (R03) applications from institutions and organizations that propose to examine associations between nutrition and alcohol-related health outcomes in humans and animal models. The goal of this program announcement is to stimulate a broad range of research on the role of nutrition in the development, prevention, and treatment of a variety of alcohol-related health outcomes including alcohol dependence and psychiatric co-morbidities, chronic and acute diseases, and organ function and damage. Study designs may include biomedical research, epidemiologic approaches, and intervention studies. Companion Funding Opportunities include [PA-13-359](#), [R01](#) Research Project Grant [PA-13-361](#), [R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-13-360.html>

Advancing Understanding, Prevention, and Management of Infections Transmitted From Women to Their Infants (R01) - The purpose of this funding opportunity announcement (FOA) is to stimulate investigations including translational, epidemiologic and clinical studies and trials that improve the understanding, prevention and clinical outcomes of non-HIV infections transmitted from women to their offspring during pregnancy, labor and delivery, and breastfeeding. NICHD is committed to supporting research that will increase scientific understanding of and treatments for high-priority perinatal infections. Companion Funding Opportunities Include [PA-16-031](#), [R21 Exploratory/Developmental Grant](#). **Application Due Date(s):** [Standard dates](#) apply. <http://grants.nih.gov/grants/guide/pa-files/PA-16-032.html>

Promoting Caregiver Health Using Self-Management (R01) - The purpose of this initiative is to stimulate research in promoting caregiver health using self-management. Caregiving is an important science area since the number of people living longer with chronic conditions is growing. Informal caregivers (lay caregivers) are defined as unpaid individuals (spouses, partners, family members, friends, or neighbors) involved in assisting others with activities of daily living and/or medical tasks. Formal caregivers are paid, delivering care in one's home or care settings (daycare, residential care facility). This concept focuses on informal caregivers. **Application Due Date(s):** [Standard dates](#) apply. <https://grants.nih.gov/grants/guide/pa-files/PA-17-062.html>

Rapid Assessment of Zika Virus (ZIKV) Complications (R21) - The purpose of this Funding Opportunity Announcement (FOA) is to provide an expedited (rapid) funding mechanism for research on Zika virus (ZIKV) and its complications. ZIKV is a single-stranded RNA virus of the Flaviviridae family. It is transmitted to humans primarily through the bites of infected Aedes mosquitos, though both perinatal/in utero and sexual transmission have been reported. Initially discovered in 1947, it has been reported in the Americas since 2014, with a major outbreak in Brazil starting in 2015. Disease is seen in about 20% of infected people and is usually self-limited. However, a possible association between ZIKV infection in pregnant women and severe microcephaly in their babies has been very concerning and prompted the World Health Organization to declare this potential complication a public health emergency. Additionally the virus has been found in blood, fueling growing concerns about the risk of transfusion-transmission with particular concern over severe outcomes in at risk transfusion recipient populations such as women who are pregnant. **Application Due Date: Applications will be accepted on a rolling basis.** <https://grants.nih.gov/grants/guide/pa-files/PA-16-106.html>

Merck Foundation Bridging the Gap: Reducing Disparities in Diabetes Care - The goal of this initiative is to improve access to high-quality diabetes care and reduce health disparities among vulnerable and underserved populations with type 2 diabetes in the United States. The Foundation is committing \$10 million over five years to support Bridging the Gap and its program partners in selected communities across the country. **Application Due Date: Letters of Intent are Due January 24, 2017.** <http://www.msdrresponsibility.com/access-to-health/key-initiatives/bridging-the-gap/>

Research Aimed at Novel Behavioral Targets to Improve Adolescent Substance Abuse Treatment and Prevention Interventions (R34) - This Funding Opportunity Announcement (FOA) is part of a trans-NIH initiative known as Collaborative Research on Addiction at NIH (CRAN). Areas supported by this FOA include research to inform the generation and refinement of novel targets for substance abuse treatment and prevention interventions, modules or adjuncts to existing treatments and prevention interventions that seek to target and modulate behavioral or neurobehavioral processes (e.g., impulsivity, risk-taking propensity, sensation and novelty seeking, distress tolerance, delay discounting, self-regulation, stress reactivity) in adolescents. Companion Funding Opportunities include [PA-15-](#)

036, R01 Research Project Grant. **Application Due Date(s): Standard dates apply.**
<http://grants.nih.gov/grants/guide/pa-files/PA-15-035.html>

Emergency Medicine Foundation Health Policy Research Scholar Award - The Foundation awards funds for scholar stipends to support the development of research expertise in emergency medicine. The goals of this program are 1) to promote research on health policy affecting emergency care, 2) to answer topical health policy questions affecting emergency medical care, and 3) to facilitate the academic growth, advanced education, and development of future leaders in emergency care health policy and thereby invest in the future of the specialty of emergency medicine. **Application Due Date: January 16, 2017.** <https://www.emfoundation.org/applyforagrant/>

Rotary District Grants - District grants fund small-scale, short-term activities that address needs in your community and communities abroad. Each district chooses which activities it will fund with these grants. District grants funds can be used for a variety of district and club projects and activities, including: Humanitarian projects, including service travel and disaster recovery efforts; Scholarships for any level, length of time, location, or area of study; Youth programs, including Rotary Youth Exchange, Rotary Youth Leadership Awards (RYLA), Rotaract, and Interact; and Vocational training teams, which are groups of professionals who travel abroad either to teach local professionals about their field or to learn more about it themselves. **Application Due Date: Applications Are Accepted Throughout the Year.** <https://www.rotary.org/myrotary/en/take-action/apply-grants/district-grants>

EMF/CORD Education Research Grant - Emergency medicine education research is broadly defined as scientific investigation designed to investigate the impact of educational innovations and/or study novel means of assessing the essential knowledge and skills of emergency medicine providers. The EMF/CORD Research Grant goals and scope: 1. To promote methodologically robust emergency medicine education research ;2. To provide evidence that supports best practices for emergency medicine training and assessment; 3. To facilitate the academic growth and development of future researchers in emergency medicine education; 4. To study emergency medicine education across the continuum including medical students, residents, fellows, or faculty; and 5. To publish research findings in a peer-reviewed journal. Proposals may include, but are not limited to: improved learning, curricular or program evaluation, instructional design, patient safety, or assessment. **Application Due Date: January 16, 2017.** <https://www.emfoundation.org/applyforagrant/>

EPA Using a Total Environment Framework (Built, Natural, Social Environments) to Assess Life-Long Health Effects of Chemical Exposures - The U.S. Environmental Protection Agency (EPA), through its Science to Achieve Results (STAR) program, seeks applications for research on how pollution affects human health in the context of the total environment – built, natural, and social environments interacting together with inherent characteristics and interactions. Proposed research should develop and test innovative models or impact assessment approaches to examine causal relationships of chemical pollutants and health effects with modifying interactions among the variables representing all of the major stressors and factors involved in a person’s life. Proposals that integrate a diverse field of disciplines (social science, economics, epidemiology, engineering, environmental science, biology, statistics, toxicology, chemistry, etc.) to address the complexity of the total environment research problem are highly recommended. **Application Due Date: March 2, 2017.** <https://www.epa.gov/research-grants/using-total-environment-framework-built-natural-social-environments-assess-life-long>

NSF Innovations at the Nexus of Food, Energy and Water Systems (INFEWS) - The overarching goal of INFEWS is to catalyze well-integrated interdisciplinary and convergent research to transform scientific understanding of the FEW nexus (integrating all three components rather than addressing them separately), in order to improve system function and management, address system stress, increase resilience, and ensure sustainability. The NSF INFEWS initiative is designed specifically to attain the following goals: 1. Significantly advance our understanding of the food-energy-water system through quantitative, predictive and computational modeling, including support for relevant cyberinfrastructure; 2. Develop real-time, cyber-enabled interfaces that improve understanding of the behavior of FEW systems and increase decision support capability; 3. Enable research that will lead to innovative solutions to critical FEW systems problems; and 4. Grow the scientific workforce capable of studying and managing the FEW system, through education and other professional development opportunities.

Application Due Date: March 6, 2017. https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505241