

February 1, 2017

FACULTY RESEARCH OPPORTUNITIES

CDC's Collaboration with Academia to Strengthen Public Health Workforce Capacity -The purpose of this FOA is to advance the educational preparation of public health, medical, and baccalaureate and higher degree nursing students and provide opportunities that strengthen population health and public health practice competencies through innovative approaches which include, but are not limited to: 1) improved integration of public/population health concepts into health profession education, 2) hands-on experience for students and emerging health professionals, as well as faculty development opportunities, working with communities, professionals from related disciplines, and public health partners to address the leading causes of death and illness, 3) specific additional projects funded by CDC programs that provide workforce development opportunities in academic or public health practice settings or that introduce public health careers, and 4) programs that provide fellowships and rotational assignments at CDC's domestic offices, state, tribal, local, and territorial health departments, or in other community-based settings. The overall goal is to create the opportunities for academia to develop qualified, knowledgeable and experienced students and emerging health professionals suitably prepared to serve in governmental public health practice, or able to apply public health concepts in various healthcare or other settings, to collectively meet the challenge of improving the population's health.

Application Due Date: March 31, 2017. <http://www.grants.gov/web/grants/view-opportunity.html?oppld=291425>

Ford Motor Company Fund (Ford Fund) Grants - The Fund works with partners to find innovative solutions to community concerns using a coordinated, strategic approach. The Fund focuses its efforts on three key areas: Community Life - Community Life programs range from hunger relief to health care to support of cultural activities. Many of these programs are done in partnership with local Ford dealers using an innovative approach we call Operation Better World. Education - We also invest about one third of our funds in support of education, including scholarships that help deserving students attain higher education and programs that help schools offer students new approaches to learning. Safety - Our international, award-winning Ford Driving Skills for Life program is the cornerstone of our safety efforts. **Application Due Date: March 10, 2017 for Capital Grants Program. All other program proposals are accepted on a rolling basis.** <http://corporate.ford.com/company/community.html>

USAID Breakthrough-ACTION - The purpose of the Breakthrough-ACTION project is to increase the practice of priority health behaviors and enabling social norms, including gender norms, for improved health and development outcomes, with an emphasis on improving FP/RH, HIV/AIDS, MNCH, and malaria health outcomes. This purpose will be achieved through the integration of proven social and behavior change (SBC) interventions in health and development programs worldwide. Breakthrough-ACTION will closely coordinate with its sister project, Breakthrough-RESEARCH (RFA-OAA-A-17-000001), to achieve this shared purpose through complementary efforts. Specifically: Breakthrough-RESEARCH will work to disseminate and advance research around SBC technical areas and interventions in which existing evidence is considered insufficient, while Breakthrough-ACTION will work to increase coverage of, and innovate based on, investments in SBC programming that already have significant evidence. **Application Due Date: March 3, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=291016/>

NINDS Postdoctoral Mentored Career Development Award (K01) - The purpose of the NINDS Postdoctoral Mentored Career Development Award is to support the ability of outstanding, mentored

postdoctoral researchers to develop a potentially impactful research project with a comprehensive career development plan that will enable them to launch an independent research program. Candidates are encouraged to apply for support from this NINDS K01 any time between the second through fourth year of cumulative mentored postdoctoral research experience, and may be supported by this NINDS K01 within the first 6 years of cumulative postdoctoral research experience. Because the completion of a strong, well-planned, thorough career development plan, in addition to development of an impactful research project, is a critical aspect of this K01, applications are strongly encouraged early in the postdoctoral eligibility window. By the end of the proposed K01 award period, the candidate should be poised to begin an independent research career with a well-developed, impactful research project and the expertise required to become a leader in the field. **Application Due Date(s): April 4, 2017, then Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-17-145.html>

NIJ FY 17 New Investigator/ Early Career Program in the Social and Behavioral Sciences - The NIJ New Investigator/Early Career Program provides support for non-tenured assistant professors to conduct applied research on topics relevant to NIJ in the social/behavioral and STEM sciences. Applications must propose research led by a Principal Investigator (PI) who: was awarded a terminal degree no more than four (4) years ago; holds a non-tenured assistant professor position at an accredited institution of higher education in the United States; and has not previously served as PI on an NIJ research grant or fellowship. **Application Due Date: March 27, 2017.** <https://www.nij.gov/funding/Documents/solicitations/NIJ-2017-11363.pdf>

OWHPA FY17 Prevention of Opioid Misuse in Women: Office on Women - This announcement seeks applications from public and private nonprofit entities to address the primary and/or secondary prevention of prescription and non-prescription opioid misuse by women across the lifespan by identifying underserved audiences and the potential gaps in the ability to reach these populations welcome. This announcement seeks applications from public and private nonprofit entities to address the primary and/or secondary prevention of prescription and non-prescription opioid misuse by women across the lifespan by identifying underserved audiences and the potential gaps in the ability to reach these populations welcome. **Application Due Date: April 7, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=289319>

Public Policy Effects on Alcohol-, Marijuana-, and Other Substance-Related Behaviors and Outcomes (R01) - This Funding Opportunity Announcement (FOA) encourages applications to conduct research on the effects of public policies on health-related behaviors and outcomes associated with alcohol, marijuana, and other substances. The purpose of the FOA is to advance understanding of how public policy may serve as a tool for improving public health and welfare through its effects on behaviors and outcomes pertaining to alcohol and other drugs. This FOA is intended to support innovative research to examine policy effects that have the potential to lead to meaningful changes in public health. Research projects that may be supported by this FOA include, but are not necessarily limited to: causal analyses of the effects of one or multiple public policies; evaluations of the effectiveness of specific public policies as tools for improving public health through their effects on alcohol-, marijuana-, and other substance-related behaviors and outcomes; and research to advance methods and measurement used in studying relationships between public policies and alcohol-, marijuana-, and other substance-related behaviors and outcomes. Companion Funding Opportunities include [PA-17-134, R03](#) Small Research Grants and [PA-17-132, R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-17-135.html>

Prevention and Treatment of Substance Using Populations With or at Risk for HCV (R21) - This Funding Opportunity Announcement (R21) outlines priority areas for high impact clinical and basic research for at-risk substance using populations, including those infected with or at risk for HIV. In particular, this FOA encourages research focused on prevention and treatment of Hepatitis C Virus (HCV) to reduce new infections and identify and treat existing infections more effectively. This FOA is informed by priority areas in the 2011 HHS Action Plan, Combating the Silent Epidemic of Viral Hepatitis: Action Plan for the Prevention, Care and Treatment of Viral Hepatitis. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-14-136.html>

NSF Decision, Risk and Management Sciences (DRMS) - The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Disciplinary and interdisciplinary research, doctoral dissertation research improvement grants (DDRIGs), and workshops are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design. The program also supports small grants that are time-critical (Rapid Response Research - RAPID) and small grants that are high-risk and of a potentially transformative nature (EARly-Concept Grants for Exploratory Research - EAGER). **Application Due Date: August 18 and January 18 Annually.** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5423

Innovations in Mechanisms and Interventions to Address Mental Health in HIV Prevention and Care Continuum (R01) - This Funding Opportunity Announcement (FOA) encourages applications focused on 1) advancing understanding of mechanisms by which mental health affects HIV prevention and treatment in order to identify modifiable intervention targets; and 2) developing and testing expanded interventions to improve both mental health and HIV outcomes along the entire HIV care continuum (from HIV testing to viral suppression). PA-17-136 uses the R01 grant mechanism while PA-17-137 uses the R21 mechanism. High risk/high payoff projects that lack preliminary data or utilize existing data may be most appropriate for the R21 mechanism, while applicants with preliminary data and/or include longitudinal analysis may wish to apply using the R01 mechanism. Companion Funding Opportunity is [PA-17-137](#), [R21](#) Exploratory/Developmental Grant. **Application Due Dates(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-17-136.html>

Identify and Characterize Potential Environmental Risk Factors for Amyotrophic Lateral Sclerosis (ALS) and Evaluate Their Impact on ALS Disease Incidence and Progression - The Agency for Toxic Substances and Disease Registry (ATSDR) is soliciting investigator-initiated research that will identify and characterize environmental toxicants in human biological samples that may be potential environmental risk factors for Amyotrophic Lateral Sclerosis (ALS). Applications are also sought that will evaluate the impact of environmental toxicants on the development and progression of ALS, including gene-environment interactions. Information gleaned from this investigator-initiated research will provide a greater understanding of the possible link between exposures to environmental toxicants and the etiology of ALS. **Application Due Date: April 21, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=290895>

National Emergency Medicine Association (NEMA) Grants - N.E.M.A.'s mission, and that of its special programs, is the prevention of injury and illness by addressing health and social issues through education, applied research, technology, and equipment. The Association is concerned with emergency at every stage of trauma, with particular attention paid to the excellence of first response at the time and place of emergency. The granting of funds to applicants is considered according to the following

priorities:- 1st consideration to grants relating to coronary trauma and heart wellness programs; - 2nd consideration to grants relating to all types of trauma (i.e., vehicular and stroke); - 3rd consideration to grants relating to trauma prevention and to the cause of trauma. All proposals should discuss how the project would make a difference in the organization's ability to perform its mission. In addition, grants that are designed for national impact will receive consideration over regional and local designs.

Application Due Date: February 15, 201, May 15, 2017, August 15, 2017 and November 15, 2017.

<http://www.nemahealth.org/index.php/about-us/neme-grants>

Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants (R01)

- This Funding Opportunity Announcement encourages applications using community-engaged research methods to investigate the potential health risks of environmental exposures of concern to the community and to implement an environmental public health action plan based on research findings. The overall goal is to support changes to prevent or reduce exposure to harmful environmental exposures and improve the health of a community. **Application Due Date(s): [Standard dates](#) apply.**

<http://grants.nih.gov/grants/guide/pa-files/PA-16-083.html>

Burroughs Wellcome Fund Career Guidance for Trainees (CGT)

- The Burroughs Wellcome Fund will support pilot projects that demonstrate practical approaches to readying scientists for career transitions. Projects may be meant to enhance trainees' understanding of jobs beyond the Academy, or of career trajectories within academe, or of the flexibility of scientists' intellectual skill set. This fourth call for proposals has a different requirement than earlier rounds. Work proposed in this round **MUST** involve substantial partnerships that bring together complementary strengths from groups that are considerably separate from one another. Academic institutions, professional societies, and advocacy organizations are among the appropriate drivers of proposals. Eligible proposals will include rationale/vision for the project, including who it is intended to impact and how it will change their career readiness. Proposals will also describe, in detail, the project, how it will be delivered to trainees, strategies for evaluating its potential impact, and if successful, how the project could be expanded to reach more trainees. **Application Due Date: March 6, 2017.**

<http://www.bwfund.org/grant-programs/career-guidance/career-guidance-trainees>

DOJ Comprehensive Opioid Abuse Program Training and Technical Assistance (TTA) Program

- The goals of the Comprehensive Opioid Abuse Training and Technical Assistance Program are twofold. First, the program aims to support site-based and state initiatives designed to reduce opioid misuse and the number of overdose fatalities. Second, the program supports PDMPs and their stakeholders in expanding the implementation, enhancement, and proactive use of prescription drug monitoring programs to support clinical decision-making and prevent the misuse and diversion of controlled substances. **Application Due Date: April 25, 2017.**

<https://www.bja.gov/COAPTTA17>

Juvenile Protective Factors and Their Effects on Aging (R03)

- The purpose of this FOA is to invite pilot/feasibility projects for: 1) descriptive studies to identify putative juvenile protective factors, 2) experimental studies to test hypotheses about their effects on aging and 3) translational studies to characterize potential beneficial and adverse effects of maintaining or modulating the level of juvenile protective factors in adult life. Juvenile protective factors (JPFs), intrinsic to an immature organism, help to maintain or enhance certain physiological functions across all or some stages of postnatal development (i.e., segment of the life span between birth and sexual maturity), but diminish or disappear as the organism transitions from one maturational stage to the next. The loss or diminution of JPFs after a given stage of postnatal development or at time of sexual maturity may contribute to the onset of deleterious aging changes (e.g., compromised stem cell function and reparative capacity) across

adulthood. This FOA is uniquely focused on animal and clinical studies which involve comparisons between juvenile versus adult states or between stages of postnatal development to identify putative JPFs and their effects on aging. Pilot studies which involve comparisons between young and old adults will not be supported by this FOA. Companion Funding Opportunity is [PAR-17-126](#), [R01](#) Research Project Grant. **Application Due Date(s): [Standard dates](#) apply.** <https://grants.nih.gov/grants/guide/pa-files/PAR-17-127.html>

CDC PPHF 2017:Racial and Ethnic Approaches to Community Health(REACH)- financed solely by Prevention and Public Health Funding - Chronic diseases are the leading causes of death and disability in the United States, largely driven by preventable health behaviors. Health behaviors, such as tobacco use, poor nutrition and physical inactivity, are linked to chronic conditions, premature death, and disability. Chronic diseases and their outcomes disproportionately impact racial and ethnic populations including African Americans/Blacks, Hispanic Americans, Asian Americans, Native Hawaiian/Other Pacific Islanders, American Indians, and Alaska Natives. Addressing chronic disease health disparities is complex. The risk is affected by not only health behaviors and ensuring adequate health care but also by factors that include income, education, economic opportunity, and location of residence. In addition, the risk for chronic disease starts very early in life. Attention to improving the access to high quality nutrition, opportunities for physical activity, and providing a smoke free environment for young children are critical steps in reducing health disparities. Thus, any effort to improve this multi-faceted challenge requires a long term vision and investment. The purpose of this FOA is to provide communities the opportunity to improve poor health, prevent chronic diseases, and reduce health disparities among racial and ethnic populations with the highest risk, or burden, of chronic disease (i.e., hypertension, heart disease, Type 2 diabetes, and obesity). The tools to accomplish this are culturally tailored interventions to address preventable risk behaviors (tobacco use, poor nutrition and physical inactivity). In addition, this FOA provides the opportunity to engage community and clinical efforts to better address health risks that are particularly relevant at the local community level for racial and ethnic populations experiencing health disparities. **Anticipated Application Due Date: May 23, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppId=291412>