

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.

March 15, 2017

ANNOUNCEMENTS

HSC Internal Study Section Review - The HSC Office of Research and Graduate Education will begin their next Internal Study Section Review in April. Intent for Pre-Review forms will be due for new NIH Research Application by April 1st. Full Proposals will be due on April 28th. Panel discussions will be held on May 5th. Renewal application study section deadlines will be in May. The SPH Office of Research encourages all investigators interested in pursuing NIH research funding to take advantage of this opportunity and will help you develop your application materials prior to the HSC deadlines. Questions? Contact [Erica Bentley](#) or [Valerie Lemasters](#).

STUDENT OPPORTUNITIES AND FELLOWSHIPS

March 15, 2017

FACULTY OPPORTUNITIES

Advancing Exceptional Research on HIV/AIDS and Substance Abuse (R01) - This FOA supports highly innovative R01 applications on HIV/AIDS and drug abuse and complements the Avant-Garde Award Program for HIV/AIDS and Drug Use Research and the Avenir Award Program for Research on Substance Abuse and HIV/AIDS. The Avant-Garde award supports individuals who conduct high-risk, high-reward research and does not require a detailed research plan. The Avenir award is similar to the Avant-Garde award but focuses on support for early stage investigators. Applications submitted under this FOA are required to have a detailed research plan and preliminary data. This FOA focuses on innovative research projects that have the potential to open new areas of HIV/AIDS research and/or lead to new avenues for prevention and treatment of HIV/AIDS among substance abusers. The nexus with drug abuse should be clearly described. This FOA is open to both individual researchers and research teams and is not limited to any one area of research on HIV and substance use, but all studies must focus on NIH HIV/AIDS Research Priorities. **Application Due Date(s): August 22, 2017; August 22, 2018; August 22, 2019.** <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-137.html>

Research Answers to NCI's Provocative Questions (R01) - The purpose of this Funding Opportunity Announcement (FOA) is to support research projects designed to solve specific problems and paradoxes in cancer research identified by the National Cancer Institute (NCI) Provocative Questions initiative. These problems and paradoxes phrased as questions are not intended to represent the full range of NCI's priorities in cancer research. Rather, they are meant to challenge cancer researchers to think about and elucidate specific problems in key areas of cancer research that are deemed important but have not received sufficient attention. Companion Funding Opportunity is [RFA-CA-17-018, R21 Exploratory/Developmental Grant](#). **Application Due Date (s): June 28, 2017; October 30, 2017; June 28, 2018; October 30, 2018.** <https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-17-017.html>

Patient Safety Research Grants - The Doctors Company Foundation was created in 2008 by the Doctors Company, the nation's largest provider of medical professional liability insurance for physicians, surgeons, and other health professionals. The purpose of the foundation is to support patient safety education for healthcare professionals in training and practice, as well as patient safety research with clinically useful applications. To advance this mission, the foundation is accepting applications for its 2017 grants program. Grants will be awarded in support of research with the potential to enhance patient safety. Grant amounts will be determined on an individual basis based on project budget and availability of funds. **Application Due Date: April 15, 2017.** <http://www.tdcfoundation.com/The-Doctors-Company-Foundation>

Public Health Impact of the Changing Policy/Legal Environment for Marijuana (R01) - This initiative encourages research on the impact of changing marijuana policies and laws on public health outcomes, including marijuana exposure among children, adolescents, and adults; other licit and illicit drug use; education and professional achievement; social development; risky behaviors (e.g., drugged driving); mental health; HIV, etc. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PAS-14-020.html>

Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care (R18) - The purpose of this Funding Opportunity Announcement (FOA) is to encourage research applications to test innovative approaches to improve diabetes and obesity prevention and/or treatment that are adapted for implementation in healthcare settings where individuals receive their routine medical care. Research applications should be designed to test practical and sustainable strategies to improve processes of care and health outcomes for individuals with or at risk of diabetes and/or obesity. The research should also focus on approaches that can be broadly disseminated outside the specific setting where it is being tested. The goal of the research is to obtain results that will improve routine healthcare practice and inform healthcare policy for the prevention or management of these conditions. Therefore, interventions must be integrated into the existing healthcare structure and/or processes; the healthcare setting may not be used solely as a venue for recruitment. Companion Funding Opportunity is [PAR-17-180, R34](#) Planning Grant. **Application Due Date(s): May 1, 2017; November 1, 2017; March 1, 2018; November 1, 2018; March 1, 2019; and November 1, 2019.** <https://grants.nih.gov/grants/guide/pa-files/PAR-17-177.html>

Evaluating Natural Experiments in Healthcare to Improve Diabetes Prevention and Treatment (R18) - The purpose of this Research Demonstration and Dissemination Projects (R18) Funding Opportunity Announcement (FOA) is to support research to evaluate large scale policies or programs related to healthcare delivery that are expected to influence diabetes prevention and care. This FOA is not intended to support the initiation and delivery of new policies or programs. Research support is for the evaluation of the effectiveness of healthcare programs and/or policies implemented independent of NIH grant funding. The goal is to support research that meaningfully informs clinical practice and health policy related to prevention or management of diabetes. **Application Due Date(s): May 1, 2017; November 1, 2017; March 1, 2018; November 1, 2018; March 1, 2019; and November 1, 2019.** <https://grants.nih.gov/grants/guide/pa-files/PAR-17-178.html>

Innovations in HIV Testing, Adherence, and Retention to Optimize HIV Care Continuum Outcomes (R21) - The health and preventive benefits of treatment for HIV/AIDS, regardless of CD4 count, are now unequivocal. In the United States and globally, ambitious goals have been targeted for HIV testing, adherence, and retention in care, to optimize HIV clinical outcomes and preventive benefit. Additional tools are needed to inform the gaps and strategies that are unique to particular populations, cities,

regions, and countries. Applications appropriate for this FOA could include formative basic behavioral and social science to better understand a step in the care continuum and/or multiple steps in the HIV care continuum, and initial development and pilot tests of innovative approaches for intervention. Companion Funding Opportunity is [PA-17-182, R01](#). **Application Due Date(s):** [Standard AIDS dates apply](#). <http://grants.nih.gov/grants/guide/pa-files/PA-17-181.html>

The Health and Retirement Study (U01) - The purpose of this FOA is to solicit applications for the next 6-year cycle of the Health and Retirement Study (HRS), which is the leading longitudinal data resource on patterns of age-related changes in the health and well-being of adults age 50 and older in the U.S. The goals of the next cycle are to: 1) continue the current structure and design elements of the HRS while reducing respondent burden; 2) establish a repository of blood samples for future study; 3) enrich administrative linkages and collaborations with genetics consortia; 4) conduct follow-up dementia assessment using the Harmonized Cognitive Assessment Protocol (HCAP) to update data on the prevalence of dementia including Alzheimer's Disease and related dementias (AD/ADRD); 5) enhance harmonization with comparable surveys of population aging; and 6) augment data dissemination and user support. **Application Due Date(s): May 16, 2017.** <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-18-005.html>

NSF Developmental Sciences (DS) - DS supports basic research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to human development across the lifespan. Research supported by this program will add to our knowledge of the underlying developmental processes that support social, cognitive, and behavioral functioning, thereby illuminating ways for individuals to live productive lives as members of society. DS supports research that addresses developmental processes within the domains of cognitive, social, emotional, and motor development across the lifespan by working with any appropriate populations for the topics of interest including infants, children, adolescents, adults, and non-human animals. The program also supports research investigating factors that affect developmental change including family, peers, school, community, culture, media, physical, genetic, and epigenetic influences. Additional priorities include research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods, models, and theories for studying development; includes participants from a range of ethnicities, socioeconomic backgrounds, and cultures; and integrates different processes (e.g., memory, emotion, perception, cognition), levels of analysis (e.g., behavioral, social, neural), and time scales. **Application Due Date: July 17, 2017.** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671&org=NSF&sel_org=NSF&from=fund

NSF Social Psychology Program – this program supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior. **Application Due Date: July 17, 2017.** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712&org=NSF&sel_org=NSF&from=fund

NSF CAREER: The Faculty Early Career Development (CAREER) Program - CAREER is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization. Activities pursued by early-career faculty should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from early-career faculty at all CAREER-eligible

organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply. **Application Due Date(s): July 19, 2017 for BIO, CISE, HER; July 20, 2017 for ENG; July 21, 2017 for GEO, MPS, SBE.**

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214&org=NSF&sel_org=NSF&from=fund

Hearing Health Care for Adults: Improving Access and Affordability (R01) - This FOA encourages applications for research on hearing health care in adults in support of improving access and affordability. Further research is needed to strengthen the evidence base with a goal of delivering better hearing health care outcomes in adults. **Application Due Date(s): [Standard dates](#) apply.**

<http://grants.nih.gov/grants/guide/pa-files/PA-17-202.html>

Detecting Cognitive Impairment, Including Dementia, in Primary Care and Other Everyday Clinical Settings for the General Public and in Health Disparities Populations (UG3/UH3) - The purpose of this funding opportunity announcement (FOA) is to invite applications that address the unmet need to detect cognitive impairment, including dementia, in large and diverse populations seen in primary care across the United States, including in health disparities populations, when a patient, relative, or care provider indicates concern. Proposed clinical paradigms should utilize tools that are simple to use, standardized, and ideally take five minutes or less to administer in a primary care clinical setting. Letter of Intent Due Date(s): 30 days prior to the application due date. **Application Due Date(s): May 9, 2017.**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-17-012.html>

Research Education: Bridges to the Doctorate (R25) - 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 educational activities to Master's level students to increase transition to and completion of Ph.D.'s in biomedical sciences. A program application must include each educational activity, and describe how they will be synergized to make a comprehensive program. This program requires partnerships between master's degree-granting institutions with doctorate degree-granting institutions. **Application Due Date(s): September 25, 2017; September 25, 2018.**

<https://grants.nih.gov/grants/guide/pa-files/PAR-17-209.html>

Bridges to the Baccalaureate Program (R25) - This FOA will support creative educational activities with a primary focus on Courses for Skills Development, Research Experiences, and Curriculum or Methods Development. A program application must include each activity, and describe how they will be synergized to make a comprehensive program. The Bridges to Baccalaureate Program is intended to provide these activities to community college students to increase transition to and completion of Bachelor's degree in biomedical sciences. This program requires partnerships between community colleges or other two-year post-secondary educational institutions granting the associate degree with colleges or universities that offer the baccalaureate degree. **Application Due Date(s): September 25, 2017; September 25, 2018.**

<https://grants.nih.gov/grants/guide/pa-files/PAR-17-210.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 by March 20, 2017. Proposal Due Date and Time: May 8, 2017.**

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

Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs Financed Solely by 2017 Prevention and Public Health Funds (PPHF-2017) - The Administration on Aging (AoA) within the Administration for Community Living (ACL), U.S. Department of Health and Human Services (HHS) forecasts the possible availability of Fiscal Year (FY) 2017 funds to make three-year grants to approximately 6-8 entities to bring to scale and sustain evidence-based programs that empower older adults and adults with disabilities to better manage their chronic conditions. Goal 1: Significantly increase the number of older adults and adults with disabilities who participate in evidence-based self-management programs to empower them to better manage their chronic conditions; and Goal 2: Implement innovative funding arrangements (e.g. contracts with integrated health care systems) to support the CDSME programs beyond the grant period, while embedding the programs into an integrated, sustainable evidence-based prevention program network. **Application Due Date: May 12, 2017.**

https://acl.gov/Funding_Opportunities/Announcements/Index.aspx

Evidence-Based Falls Prevention Programs Financed Solely by 2017 Prevention and Health Funds (PPHF-2017) - The Administration on Aging (AoA) within the Administration for Community Living (ACL), U.S. Department of Health and Human Services (HHS) forecasts the possible availability of Fiscal Year (FY) 2017 funds to make three-year grants to approximately 6-8 entities to bring to scale and sustain evidence-based falls prevention programs that will reduce the number of falls, fear of falling, and fall-related injuries in older adults and adults with disabilities. Goal 1: Significantly increase the number of older adults and adults with disabilities at risk of falls who participate in evidence-based community programs to reduce falls and falls risks; and Goal 2: Implement innovative funding arrangements (e.g. contracts with integrated health care systems) to support community-based falls prevention programs beyond the grant period, while embedding the programs into an integrated, sustainable evidence-based prevention program network. **Application Due Date: May 15, 2017.**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=290900>

Grand Challenges Exploration: Health Systems Strengthening: Ensuring Effective Health Supply Chains (Round 19) - The Bill and Melinda Gates Foundation and USAID seek proposals that address challenges in effective health supply chains that are daring in premise, and clearly different from the approaches currently under investigation or employed. The solutions submitted to this topic could focus on an integrated health supply chain, or they could focus specifically on immunization and/or family planning supply chains and their respective programmatic goals. They must have the potential to be scaled up or reproduced in multiple settings. We encourage solutions that translate leading and best practices and solutions developed by the private sector (e.g. outside of health), as well as academic research and findings, to LMICs in a way that support their public health goals. Proposals must provide a strong rationale for the work proposed, demonstrating a clear understanding of country context and needs, and present a defined hypothesis and associated plan for how the idea would be tested or validated. Proposed ideas must ultimately be translatable to practical interventions accessible in resource-limited settings. **Application Due Date: May 3, 2017.** <http://gcgh.grandchallenges.org/challenge/health-systems-strengthening-ensuring-effective-health-supply-chains-round-19>

Pilot and Feasibility Studies in Preparation for Drug and Alcohol Abuse Prevention Trials (R34) - This Funding Opportunity Announcement (FOA) for R34 applications seeks to support: (a) pilot and/or

feasibility testing of innovative new, revised, or adapted prevention intervention approaches to prevent or delay the initiation and onset of drug and alcohol use, the progression to problem use or alcohol and other substance use disorder, reduce drinking and driving and deaths related to impaired driving and the drug- or alcohol-related acquisition or transmission of HIV infection and viral hepatitis among diverse populations and settings; and (b) pre-trial feasibility testing for prevention services and systems research. It is expected that research conducted via this R34 mechanism will consist of early stage efficacy, effectiveness or services research that will provide intervention pilot and/or feasibility data that is a pre-requisite for preparing and submitting subsequent applications for larger scale drug or alcohol abuse prevention and/or drug- or alcohol-related HIV prevention intervention studies. This R34 FOA does not support applications for which the sole focus is development of intervention protocols, manuals, or the standardization of protocols; rather, any development work must be imbedded within a pilot/feasibility study. Of particular interest are prevention interventions targeting the healthcare system. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-15-177.html>

RWJF Raising Places Building Child-Centered Communities - Raising Places catalyzes local momentum for cross-sector collaboration, engaging diverse partners to build healthier communities where all children and their families can thrive. Through Raising Places, Greater Good Studio will offer a catalytic process - bringing together diverse stakeholders in communities primed to move from ideas to action and to create long-term, sustainable change. Through this process, communities will explore both symptoms and root causes of local challenges, identify leverage points, and create tangible solutions that address these challenges at different levels and types of impact. The specific outcomes of our work together will vary in each community, based on the local interpretation of "healthy, child-centered community" and the challenges they want to prioritize. **Application Due Date(s): Letters of Intent due by March 31, 2017. Invited Full Applications Due by May 5, 2017.** <http://www.rwjf.org/en/library/funding-opportunities/2017/raising-places-building-child-centered-communities.html>

Methods for Prevention Packages Program IV (MP3 IV) (R01) - The purpose of this Funding Opportunity Announcement (FOA) is to promote multidisciplinary research programs that (1) devise optimal HIV prevention packages (combination interventions) for specific populations and (2) perform feasibility and acceptability studies to demonstrate that the proposed prevention package is acceptable to the target population and the study design is appropriate and feasible. This FOA is intended to encourage collaborations between behavioral and biomedical clinical specialists, epidemiologists, mathematical modelers, and clinical research specialists. **Application Due Date(s): June 7, 2016; June 7, 2017; June 7, 2018.** <https://grants.nih.gov/grants/guide/pa-files/PAR-16-124.html>

Family and Interpersonal Relationships in an Aging Context (R01) - This Funding Opportunity Announcement (FOA) encourages innovative, hypothesis-driven R01 research grant applications that can expand understanding of the role and impact of families and interpersonal relationships on health and well-being in midlife and older age. The FOA encourages research that evaluates rigorous, quantifiable predictive models for estimating the causal pathways by which family process and structure and intimate relationships might mediate or moderate well-documented social determinants of health, above and beyond other established risk or protective health factors, and that can increase knowledge of the independent and unique contributions of family and intimate relationship variables to healthy aging. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-15-042.html>

CDC Conducting Public Health Research in China - The activities in this research FOA are designed to fulfill four broad goals: (1) To conduct high quality research around influenza, emerging and re-emerging infectious diseases, HIV/AIDS, and other public health problems, including non-communicable diseases; (2) To provide training for public health professionals and select staff in basic and applied public health research, public health program planning and evaluation; (3) To strengthen China CDC's institutional capacity to conduct research, plan, implement and evaluate public health programs, including the capacity to detect and respond to emerging and re-emerging infectious diseases; and (4) To incorporate and promote the results of research into operational disease prevention and control programs and policy development. **Application Due Date: May 9, 2017.** <https://www.grants.gov/web/grants/view-opportunity.html?oppId=292309>