

September 28, 2016

Faculty Research Opportunities

Oil and Gas Development in the Appalachian Basin - The U.S. Environmental Protection Agency (EPA) seeks applications for multidisciplinary research that will foster a better understanding of how the rapid increase of OGD activities in the Appalachian Basin may impact the surrounding environment and public health. Specifically, research projects are sought that can identify and quantify water quality impacts associated with OGD activities and inform related human and ecological exposures. The goal of this research is to develop and compile scientific information that will aid the public and private sectors in implementing environmental policies and best practices that develop oil and gas resources while protecting public health and the environment in the Appalachian Basin. **Application Due Date: November 9, 2016, 11:59:59 pm Eastern Time.** <https://www.epa.gov/research-grants/oil-and-gas-development-appalachian-basin>

Department of Labor Research and Evaluation Grants - The CEO is soliciting applications from university-based researchers to fund up to ten Department of Labor Research and Evaluation (LRE) grants for a period of up to two years. Grants of no more than \$250,000 per grantee over a two-year period will be awarded. Suggested topic areas for an LRE grant that are of priority interest to DOL include but are not limited to: Employee Benefits Security, Miners' Safety and Health, Wage and Hour and Labor Standards, Worker and Workplace Safety and Health, Workers' Compensation, Labor/Management Relations, International Topics in Worker Protection including child and forced labor issues, Improving Equal Employment Opportunities for Targeted Populations, Innovative approaches to evaluating the impact of DOL worker protection programs and policies using existing administrative or other data, and Low-cost randomized controlled trials or natural experiments to evaluate the impact of DOL programs. **Application Due Date: November 4, 2016.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=286915>

NSF Smart and Connected Communities (S&CC) - Cities and communities in the U.S. and around the world are entering a new era of transformational change, in which their inhabitants and the surrounding built and natural environments are increasingly connected by smart technologies, leading to new opportunities for innovation, improved services, and enhanced quality of life. The goal of this Smart & Connected Communities (S&CC) solicitation is to support strongly interdisciplinary, integrative research and research capacity-building activities that will improve understanding of smart and connected communities and lead to discoveries that enable sustainable change to enhance community functioning. Unless stated otherwise, for the purposes of this year's solicitation, communities are physical, geographically-defined entities, such as towns, cities, or incorporated rural areas, consisting of various populations, with a governance structure and the ability to engage in meaningful ways with the proposed research. **Application Due Date: Preliminary Proposals Due November 30, 2016. Full Proposals Due February 16, 2017.** http://www.nsf.gov/pubs/2016/nsf16610/nsf16610.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

CMS Accountable Health Communities Track 1 – Awareness - The Centers for Medicare & Medicaid Services (CMS) Center for Medicare and Medicaid Innovation (CMMI) will assess whether systematically identifying the health-related social needs of community-dwelling Medicare and Medicaid beneficiaries, including those who are dually eligible, and addressing their identified needs, impacts those community-dwelling beneficiaries' total health care costs and their inpatient and outpatient health care utilization.

The Accountable Health Communities (AHC) model addresses a gap in the current delivery system by funding interventions that connect community-dwelling beneficiaries with community services. The AHC model will test three community-focused interventions of varying intensity and their ability to impact total health care costs and inpatient and outpatient health care utilization. This model will engage community-dwelling Medicare and Medicaid beneficiaries of all ages (children and adults). CMS will award, through a competitive process, renewable one-year cooperative agreements to successful applicants (award recipients). **Application Due Date: November 3, 2016.**

<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=58130>

R40 Autism Field-Initiated Innovative Research Studies (Autism-FIRST) Program - This announcement solicits applications for two (2) separate competitions, HRSA-17-013 Autism The Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB)'s Office of Epidemiology and Research is accepting applications for fiscal year (FY) 2017 R40 Autism Field-Initiated Innovative Research Studies (Autism-FIRST) Program and the UJ2 Autism Single Investigator Innovation Program (Autism-SIIP). The purpose of these programs is to support the conduct of empirical research that advances the evidence base on interventions to improve the health and wellbeing of children and adolescents with autism spectrum disorders (ASD), with a special focus on addressing the needs of underserved populations. The programs will address the critical need that exists for research on the barriers to screening, diagnosis, and receipt of evidence-based interventions. **Application Due Date: November 17, 2016.**

https://grants.hrsa.gov/2010/Web2External/Interface/Common/EHBDisplayAttachment.aspx?dm_rtc=16&dm_attid=b5be0d85-5354-4700-98f9-a4826051c237&dm_attinst=0

Mend a Heart Foundation Research Grants - Each year, the Mend a Heart Foundation selects one or more projects that support its mission of extending and enriching the lives of children born with congenital heart defects. Typically, grants are awarded in amounts ranging from \$15,000 to \$60,000. For some researchers, these grants are important in securing initial research findings so larger funding can be secured from organizations like the NIH. **Application Due Date: November 15, 2016.**

http://www.mendaheart.org/What_We_Fund.html

Secondary Analysis of Existing Alcohol Epidemiology Data (R01) - This Funding Opportunity Announcement (FOA) encourages the submission of investigator-initiated research grant applications to support the secondary analysis of existing data sets with the goal of enhancing our understanding of patterns of alcohol consumption and the epidemiology of alcohol-related problems. [PA-14-337](#), [R03](#) Small Grant; [PA-14-336](#), [R21](#) Exploratory / Developmental Grant. **Application Due Date(s): [Standard dates](#) apply.** <http://grants.nih.gov/grants/guide/pa-files/PAR-14-338.html>

NIAID Career Transition Award (K22) - The purpose of the NIAID Career Transition Award (CTA) program is to assist postdoctoral fellows' transition to positions of assistant professor or equivalent and initiate a successful biomedical career as an independent research scientist. [Standard dates](#) apply.

<https://grants.nih.gov/grants/guide/pa-files/PAR-16-434.html>

American Lung Association (ALA) Social-Behavioral Research Grant - This grant is a mentored award is meant to provide seed monies to junior investigators on the path to independence for working within the various disciplines of social science examining risk factors affecting lung health including: Psychosocial research, Behavioral research, Health services and health policy research, Epidemiology /

Biostatistics research, Public Health Education research. **Application Due Date: December 15, 2016.** <http://www.lung.org/assets/documents/research/social-behavior-research-grant.pdf>

PCORI / AHA Prize for Research Questions on Addressing Cardiovascular Disease - Building on our hallmark of engaging healthcare stakeholders in all phases of research, PCORI is excited to join the American Heart Association (AHA) in announcing a [crowdsourcing challenge](#) for clinicians and researchers across the country. We're looking for the best ideas for new research questions that address difficult challenges identified by patients with cardiovascular diseases. Proposed hypotheses should focus on questions that can be answered by comparative clinical effectiveness research (CER), which compares the benefits and risks of alternate healthcare methods. Submissions should use a precision medicine approach, which takes into account individual patients' genetics, environmental factors, lifestyle, and other characteristics. We'll select four research hypotheses and give each of the winning submitters a \$5,000 prize. And we'll consider these research questions for future funding opportunities. **Application Deadline: October 6, 2016.** <http://www.pcori.org/blog/call-research-questions-help-us-identify-opportunities-improve-care-cardiovascular-diseases>

HRSA Rural Health Network Development Program - This announcement solicits applications for the Rural Health Network Development (RHND) Program. The purpose of this program is to support mature, integrated rural health care networks that have combined the functions of the entities participating in the network in order to address the health care needs of the targeted rural community. Awardees will combine the functions of the entities participating in the network to address the following statutory charges: (i) achieve efficiencies; (ii) expand access, coordinate, and improve the quality of essential health care services; and (iii) strengthen the rural health care system as a whole. **Application Due Date: November 28, 2016.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=284898>

CDC Understanding the Epidemiology of Syphilis in the United States - The purpose of this project is to better understand the epidemiologic and microbiologic aspects of syphilis infection in the United States. This FOA is divided into two parts: (1) The goal is to collect syphilis specimens for research on genetic, proteomic, or serologic markers in order to facilitate diagnostic assay development and validation; and (2) This activity will explore the potential role of sex and social networks in men who have sex with men (MSM) on syphilis epidemics and how these networks interact to transmit syphilis, including repeat infection. **Application Due Date: November 30, 2016.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=285278>