

**November 30, 2016**

## **Faculty Research Opportunities**

**Russell Sage Foundation Integrating Biology and Social Science Knowledge (BioSS)** - To date, life scientists have been at the center of the debate when biology has been discussed in relation to individual development and social and economic outcomes. Through this initiative on *Integrating Biology and Social Science Knowledge (BioSS)*, RSF seeks to rebalance the debate by highlighting social scientists' emphasis on the social and physical environments and by encouraging cross-disciplinary collaborations. RSF aims to capitalize on new theories, concepts, and data from the biological sciences – including neuroscience, endocrinology, immunology and physiology, population genetics and epigenetics – to advance our understanding of the research that continues to comprise its core social science programs in Social Inequality, Behavioral Economics, Future of Work, and Race, Ethnicity and Immigration. The initiative will support innovative social science research on social and economic outcomes that improves our understanding of the interactive mechanisms by which environmental influences affect biological mechanisms, and vice versa. **Application Due Date: Letters of Inquiry are due by January 9, 2017.** <https://www.russellsage.org/research/funding/bioss>

**Summer Research Experiences for Students and Science Teachers (Admin Supp)** - The National Institutes of Environmental Health Sciences hereby notify Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) with R01, R21, R15, R35, R37, and P01 awards that funds are available for administrative supplements to support summer research experiences in environmental health science for high school students, college undergraduates, masters degree candidates, medical students, secondary school science teachers, and science professors from R15/AREA grant eligible institutions. Administrative supplements must support work within the scope of the original project. **Application Due Date(s): January 31, 2017; January 31, 2018, and January 31, 2019.** <http://grants.nih.gov/grants/guide/pa-files/PA-17-055.html>

**Leveraging Existing Cohort Studies to Clarify Risk and Protective Factors for Alzheimers Disease and Related Dementias (R01)** - This FOA invites applications that will combine multiple cohorts in order to improve statistical power and clarify risk and protective factors for Alzheimers disease and related dementias (AD/ADRD). **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-17-054.html>

**Global Infectious Disease Research Training Program (D43)** - This Funding Opportunity Announcement (FOA) encourages applications for the Global Infectious Disease (GID) Research Training Program from U.S. and low- and middle-income country (LMIC) institutions. The application should propose a collaborative training program that will strengthen the capacity of an LMIC institution to conduct infectious disease research. FIC will support research-training programs that focus on major endemic or life-threatening emerging infectious diseases, neglected tropical diseases, infections that frequently occur as co-infections in HIV infected individuals or infections associated with non-communicable disease conditions of public health importance in LMICs. Companion Funding Opportunity is [PAR-17-058 D71](#) International Research Training Planning Grant. **Application Due Date(s): July 27, 2017; July 26, 2018; July 25, 2019.** <http://grants.nih.gov/grants/guide/pa-files/PA-17-057.html>

**Anticipating the Environmental Impacts and Behavioral Drivers of Deep Decarbonization** - The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is

seeking applications proposing research that will contribute to an improved ability to understand and anticipate the public health and environmental impacts and behavioral drivers of significant changes in energy production and consumption in the United States, particularly those changes associated with advancing toward the deep decarbonization necessary to achieve national and international climate change mitigation objectives and avoid the most significant health, environmental, and economic impacts of climate change. The proposed research is intended to contribute to the development of new insights and predictive tools related to the multimedia, life-cycle impacts of the decarbonization of electricity generation; the electrification of end uses; the adoption of low-carbon emitting, renewable fuels; and the adoption of energy efficiency measures. The proposed research is also intended to contribute to an improved understanding of the drivers of individual, firm (i.e. business), and community decisions that affect energy consumption patterns, including decisions about the adoption of new technologies and energy efficiency measures. Solicitation includes both Early Career and Regular Awards. **Application Due Date: February 10, 2017.** <https://www.epa.gov/research-grants/anticipating-environmental-impacts-and-behavioral-drivers-deep-decarbonization>

**Disorders of Human Communication: Effectiveness, Outcomes and Health Services Research (R21) -**

The purpose of this Funding Opportunity Announcement (FOA) is to support effectiveness, outcomes and health services research in the NIDCD mission areas of hearing, balance, smell, taste, voice, speech and language. Companion Funding Opportunity [PA-13-102](#), [R01](#) Research Project Grant. **Application Due Date:** [Standard dates](#) apply. <http://grants.nih.gov/grants/guide/pa-files/PA-13-103.html>

**Peterson Center on Healthcare** - The mission of the Peterson Center on Healthcare is to transform U.S. healthcare into a high-performance system by finding proven solutions that improve quality and lower costs, and accelerating their adoption on a national scale. They collaborate with key thought leaders and stakeholders across the healthcare industry, including providers, payers, employers, and patient groups.

**Application Due Date: Letters of Inquiry are accepted on a rolling basis.**

<http://petersonhealthcare.org/what-we-are-doing>

**Improving HPV Vaccination Coverage Among Adolescent Patients: A Randomized Controlled Trial of**

**AFIX and Remote Physician-to-Physician Engagement Strategies** - This funding opportunity announcement (FOA) will support a factorial design randomized controlled trial (RCT) to evaluate the effectiveness of Assessment, Feedback, Incentives, eXchange (AFIX) and remote Physician-to-Physician (P2P) vaccine provider engagement strategies to increase adolescent human papillomavirus (HPV) vaccination rates and monitor the impact of immunization service delivery of other adolescent vaccines, i.e., tetanus-diphtheria-acellular pertussis (Tdap), meningococcal conjugate (MenACWY), and influenza (Flu), by vaccine providers serving the Vaccines for Children (VFC) program in one or more state, local and territorial public health jurisdictions. The objectives of this FOA are to support research that investigates assessment and feedback strategies to increase adolescent HPV vaccination rates and evaluates the cost-effectiveness of each strategy. **Application Due Date: February 7, 2017.**

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=285254>

**CDC Household Transmission of Influenza Viruses in the Community** - Households constitute up to 30% of influenza virus transmission and monitoring influenza in households is important to track how influenza spreads among close contacts and to understand the clinical spectrum of influenza infection and disease. The purpose of this project is to enroll households with confirmed influenza and follow household contacts for up to two weeks to estimate the secondary infection risk and factors associated with risk of infection. This study will also estimate the effectiveness of the influenza vaccine in preventing influenza infection from close contacts. These findings are important to improve prevention

and control of seasonal influenza, but also to be better prepared in the event of a future influenza pandemic. **Application Due Date: March 1, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=285280>

**CDC State-based Perinatal Quality Collaboratives** - State perinatal quality collaboratives (PQCs) are networks of perinatal care providers and public health professionals working to improve pregnancy outcomes for women and newborns by advancing evidence-based clinical practices and processes through continuous quality improvement. PQC member healthcare facilities identify care processes that need to be improved and use the best available methods to make changes and improve outcomes. State PQCs include key leaders in private, public, and academic health care settings with expertise in evidence-based obstetric and neonatal care and quality improvement. The purpose of this program is to enhance the capabilities of state PQCs to collect timely data to provide feedback to members to improve the quality of perinatal care in their respective states, including but not limited to reduction of maternal morbidity and mortality, improvements in the use of progesterone to prevent preterm birth, increase in appropriate use of antenatal corticosteroids for fetal lung maturity in the setting of anticipated preterm birth, improvements in care for infants impacted by neonatal abstinence syndrome, and reduction of medically unnecessary cesarean deliveries. Module A will fund states to support state PQC's in early stages of development to actively conduct perinatal quality improvement projects and disseminate data throughout the state, expand projects to include a broader range of neonatal and maternal health issues, and to increase the proportion of participating hospitals to make the collaborative more representative of the entire state. Module B will support a coordinating center for the National Network of Perinatal Quality Collaboratives. The National Network of Perinatal Quality Collaboratives (NNPQC), currently being developed (under CDC-RFA-OT13-1302), is a network of PQC's across the country that supports the development and enhances the ability of PQCs to make measurable improvements in statewide maternal and infant health care and health outcomes. Awardees of this module will coordinate NNPQC activities, including provision of technical assistance, formal mentoring, and capacity building for PQCs supported in Module A of this cooperative agreement. The coordinating center will also develop core leadership in the country to serve as a consultative resource for all state-based PQCs across the country. This funding opportunity will build on the work of CDC-RFA-DP14-1404, State-based Perinatal Quality Collaboratives, where competition was limited to State Health Departments or their Bona Fide Agents. Outcomes from that cooperative agreement included considerable success in building the capacity of the funded PQCs and statewide improvements in processes and outcomes of perinatal care. **Application Due Date: Anticipated Due Date March 7, 2017.**

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=289339>

**CDC Scaling the National Diabetes Prevention Program to Priority Populations** - This is a new, open competition funding opportunity announcement (FOA) to expand the reach of the National DPP to priority populations, particularly those in underserved areas. Applicants will work with CDC through a cooperative agreement to deliver a CDC-recognized lifestyle change program to adult priority populations with prediabetes or at high risk for type 2 diabetes. The FOA specifically focuses on increasing program enrollment and retention for: Medicare beneficiaries, men, people with visual or physical disabilities (non-institutionalized), Hispanics, African-Americans, American Indians, Alaska Natives, and Pacific Islanders. Successful applicants will have both general experience delivering either a CDC-recognized lifestyle change program or a similar evidence-based behavior change program and specialized experience working with one or more of the priority populations listed. Applicants without the required specialized experience must develop a partnership and shared work plan with one or more national organizations that have specialized experience reaching the targeted priority population(s) and increasing their engagement in some type of evidence-based public health program or service. This new

funding opportunity announcement (FOA) follows and builds on the work that was supported through the cooperative agreement DP12-1212 National Diabetes Prevention: Preventing Type 2 Diabetes among Adults at Highest Risk 2012-2017. DP12-1212 funded six national organizations to mobilize multi-state networks of CDC-recognized lifestyle change programs to deliver the program and secure reimbursement from employers and insurers purchasing the benefit for their respective employees or insureds. This new FOA differs in that awardees will establish and expand multi-state networks to deliver the program to Medicare beneficiaries and one or more priority populations in underserved areas. It is envisioned that applicants; multi-state network implementation will increase the number of organizations participating in the CDC DPRP that are reimbursed by Medicare and other payers. Enrollment and retention efforts will focus on specific priority populations. In addition to meeting all DPRP standards, applicants are encouraged to use program delivery approaches consistent with the National Standards for Culturally and Linguistically Appropriate Services (CLAS) in Health and Health Care (<https://www.thinkculturalhealth.hhs.gov/clas/standards>). While this new FOA builds on a prior cooperative agreement as noted above, eligible organizations not previously funded to implement the National DPP are encouraged to apply. **Application Due Date: Anticipated Due Date is August 29, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=290159>

**CDC Creation of a Healthcare-Associated Infectious Disease Modeling Network to Improve Prevention Research and Healthcare Delivery** - The purpose of this project is to support innovative transmission modeling research that will expand knowledge and develop tools to better understand the spread of healthcare-associated infections (HAIs), particularly those that are resistant to antimicrobials. This includes the creation of a new network of multidisciplinary scientists conducting computational and mathematical research to improve the ability to prepare for, detect, control, and prevent the growing problem of HAIs in the United States, particularly HAIs involving antimicrobial resistant pathogens. **Application Due Date: January 31, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=285279>

**Pragmatic Trials for Dementia Care in Long-term Services and Support (LTSS) Settings (R01)** - This FOA invites applications for pragmatic trials for dementia care in Long-term Services and Support (LTSS) settings which will: (1) be designed to address practical comparative questions faced by Alzheimer's disease and related dementia (ADRD) patients, clinicians, and caregivers (both paid and unpaid); (2) include broad and diverse populations; and (3) be conducted in real-world settings. These trials are intended to produce results that can be directly adopted by healthcare providers, patients or caregivers for rapid translation. Successful applications will: (1) improve quality of care of persons with dementia; (2) improve quality of life for persons with dementia and their informal caregivers; (3) deliver more patient-focused, cost-effective care in LTSS; and/or (4) reduce disparities in LTSS care. Companion Funding Opportunity [RFA-AG-17-065](#), [R21/R33](#) Phased Innovation Award. **Application Due Date: February 3, 2017.** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=290273>