

Weekly Research Updates and Opportunities

February 7, 2018

FACULTY RESEARCH OPPORTUNITIES

Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence (R03 Clinical Trial Optional) - The purpose of this FOA is two-fold: (1) to advance identification of male-females differences in drug and alcohol research outcomes, to uncover the mechanisms of those differences, and to conduct translational research on those differences, and (2) to advance research specific to women or highly relevant to women. Both preclinical and clinical studies are sought across all areas of drug and alcohol research. Companion Funding Opportunities are [PA-18-603](#), R01 Research Project Grant and [PA-18-602](#), R21 Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <http://grants.nih.gov/grants/guide/pa-files/PA-18-601.html>

Shared Instrumentation Grant (SIG) Program (S10 Clinical Trial Not Allowed) - The Shared Instrument Grant (SIG) Program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instruments or integrated systems. The minimum award is \$50,000. There is no maximum price requirement; however, the maximum award is \$600,000. Types of instruments supported include, but are not limited to: X-ray diffractometers, mass and nuclear magnetic resonance (NMR) spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, cell sorters, and biomedical imagers. **Application Due Date(s): May 31, 2018.** <http://grants.nih.gov/grants/guide/pa-files/PAR-18-600.html>

Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE) (R25 Clinical Trial Not Allowed) - The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this National Heart, Lung, and Blood Institute R25 program is to support educational activities that complement and/or enhance the training of junior faculty from backgrounds underrepresented in the biomedical sciences so as to meet the nations biomedical, behavioral and clinical research needs and enhance the diversity of its workforce. The major intent of this Research Education Program (R25) is to establish long-term mentoring that will enable participants to develop a research program and obtain NIH funding. This FOA specifically invites applications from senior faculty, established researchers, and experienced mentors to develop and direct the SIs of the PRIDE program in order to mentor promising candidates with scientific focus in heart, lung, blood and sleep (HLBS) disorders research areas. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Research Experiences, Mentoring Activities and Courses for Skills Development in Heart, Lung, Blood, Sleep disorders research and cross-cutting methodological approaches relevant to these scientific areas. Companion Funding Opportunity is [RFA-HL-19-001](#), U24 Resource-related Research Projects - Cooperative Agreement. **Application Due Date(s): April 6, 2018.** <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-19-002.html>

Training Modules to Enhance the Rigor and Reproducibility of Biomedical Research (R25 Clinical Trial Not Allowed) - The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs and foster a better understanding of biomedical, behavioral and

clinical research and its implications. **Application Due Date(s): June 29, 2018.**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-18-002.html>