Engineering Research Transforming Our World

Research Funding Opportunities

Organization: DARPA RFP/Letter Name: Young Faculty Award DARPA-RA-18-02
Due Date: November 13, 2018
Summary: The Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA) program aims to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense (DoD) and National Security challenges and needs. In particular, this YFA will provide high-impact funding to elite researchers early in their careers to develop innovative new research directions in the context of enabling transformative DoD capabilities. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DoD and National Security issues. DARPA is particularly interested in identifying outstanding researchers who have previously not been performers on DARPA programs, but the program is open to all qualified applicants with innovative research ideas. Link: https://www.grants.gov/web/grants/view-opportunity.html?oppId=308136

Organization: ONR RFP/Letter Name: Naval Engineering Education Consortium (NEEC) Broad Agency Announcement for FY18 N00174180001
Due Date: October 31, 2018
Summary: This BAA is open only to colleges and universities. On behalf of the Naval Sea Systems Command (NAVSEA) Warfare Centers, NSWC IHEODTD is soliciting research of interest in support of the NEEC. The topics are interest are listed in the BAA. Link: https://www.grants.gov/web/grants/view-opportunity.html?oppId=307829

Organization: USDA RFP/Letter Name: WEP TAT NOFA FY 18 TAT-NOFA-18
Due Date: September 9, 2018
Summary: The Rural Utilities Service (RUS) is accepting applications for an additional application window for the Technical Assistance and Training Grant Program (TAT). For FY 2018, RUS received a budget appropriation of $40 million for the TAT Program. In response to the application filing period of October 1, 2017, to December 31, 2017, as outlined in 7 CFR 1775, Subpart B, § 1775.10 (a), the Agency received 28 applications that will not use up all of the appropriation. This Notice will make available the remaining funds under the TAT Program, for either a national water and wastewater infrastructure application assistance and project development program or a national apprenticeship/workforce development
Organization: DOC RFP/Letter Name: Climate Program Office FY 2019 NOAA-OAR-CPO-2019-2005530 Due Date: November 20, 2018 Summary: CPO’s strategy addresses challenges in the areas of: (1) Weather and climate extremes, (2) Climate impacts on water resources, (3) Coasts and climate resilience, (4) Sustainability of marine ecosystems, and (5) Changing atmospheric composition and its impacts. Making progress in addressing climate-related societal challenges, and realizing benefits for NOAA’s public and private partners, requires that these mission-focused capabilities be integrated across CPO to align research, applications, transitions, and operations, and to meet the information needs for a resilient society. We work towards this objective of integration through a focus on climate intelligence and climate resilience, in support of NOAA’s goals.

CPO defines climate intelligence as the capabilities regarding: (1) Observations and monitoring, (2) Earth system science and modeling, (3) Climate and societal interactions, and (4) Communication, education, and engagement. Climate resilience leverages climate intelligence to advance capabilities for responding to the urgent and growing demand for reliable, trusted, transparent, and timely climate information needed to protect and sustain all sectors of our economy and environment. Link: https://www.grants.gov/web/grants/view-opportunity.html?oppId=308094

Organization: NSF RFP/Letter Name: Cultivating Cultures for Ethical STEM (CCE STEM) 18-532 Due Date: February 22, 2019 Summary: Cultivating Cultures for Ethical STEM (CCE STEM) funds research projects that identify (1) factors that are effective in the formation of ethical STEM researchers and (2) approaches to developing those factors in all the fields of science and engineering that NSF supports. CCE STEM solicits proposals for research that explores the following: "What constitutes responsible conduct for research (RCR), and which cultural and institutional contexts promote ethical STEM research and practice and why?" Factors one might consider include: honor codes, professional ethics codes and licensing requirements, an ethic of service and/or service learning, life-long learning requirements, curricula or memberships in organizations (e.g., Engineers without Borders) that stress responsible conduct for research, institutions that serve under-represented groups, institutions where academic and research integrity are cultivated at multiple levels, institutions that cultivate ethics across the curriculum, or programs that promote group work, or do not grade. Do certain labs have a 'culture of academic integrity'? What practices contribute to the establishment and maintenance of ethical cultures and how can these practices be transferred, extended to, and integrated into other research and learning settings? Successful proposals typically have a comparative dimension, either between or within institutional settings that differ along these or among other factors, and they specify plans for developing interventions that
promote the effectiveness of identified factors. CCE STEM research projects will use basic research to produce knowledge about what constitutes or promotes responsible or irresponsible conduct of research, and how to best instill students with this knowledge. In some cases, projects will include the development of interventions to ensure responsible research conduct. Proposals for awards from minority-serving institutions (e.g. Tribal Colleges and Universities, Historically Black Colleges and Universities, Hispanic-Serving Institutions, Alaska Native or Native Hawaiian Serving Institutions), women's colleges, and institutions primarily serving persons with disabilities are strongly encouraged. **Link:**