

October 18, 2017



Engineering Research Transforming Our World



DOD (1)
NSF (2)
USDA (1)
NIH (1)

Research Funding Opportunities

Organization: DOD-ONR RFP/Letter Name: FY18 Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology N00014-18-S-B001 Due Date: September 28, 2018 Summary: The Office of Naval Research (ONR) is interested in receiving proposals for Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations. Potential offerors should note that this is an announcement to declare ONR's broad role in competitive funding of meritorious research across a spectrum of science and engineering disciplines. A brief description of the ONR Program Codes and the science and technology thrusts that ONR is pursuing is provided in Appendix 1 of this solicitation. Additional information can be found at the ONR website at <http://www.onr.navy.mil/Science-Technology/Departments.aspx>. Potential offerors are urged to check the program areas that they are interested in throughout the year for updates to thrust areas and research priorities on the ONR website at <http://www.onr.navy.mil>. Prior to preparing proposals, potential offerors are strongly encouraged to contact the ONR point of contact (POC). To identify the POC, follow the link at the ONR website for the appropriate code or division and then click on the link to the thrust or topic area. Each thrust or topic area will provide a POC or e-mail address. **Link:** <https://www.grants.gov/web/grants/view-opportunity.html?oppId=297771>

Organization: NSF RFP/Letter Name: Scalable Parallelism in the Extreme (SPX) 17-600 Due Date: January 9, 2018 Summary: The Scalable Parallelism in the Extreme (SPX) program aims to support research addressing the challenges of increasing performance in this modern era of parallel computing. This will require a collaborative effort among researchers in multiple areas, from services and applications down to micro-architecture. SPX encompasses all five NSCI [Strategic Objectives](#), including supporting foundational research toward architecture and software approaches that drive performance improvements in the post-Moore's Law era; development and deployment of programmable, scalable, and reusable platforms in the national HPC and scientific cyberinfrastructure ecosystem; increased coherence of data analytic computing and modeling and simulation; and capable extreme-scale computing. Coordination with industrial efforts that pursue related goals are encouraged. **Link:** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505348&org=NSF&sel org=NSF&from=fund

Organization: NSF RFP/Letter Name: CISE Research Infrastructure (CRI) 17-581 Due Date: January 11, 2018 Summary: The CISE Research Infrastructure (CRI)

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program drives discovery and learning in the core CISE disciplines of the three participating CISE divisions by supporting the creation and enhancement of world-class research infrastructure that will support focused research agendas in computer and information science and engineering. This infrastructure will enable CISE researchers to advance the frontiers of CISE research. Further, through the CRI program, CISE seeks to ensure that individuals from a diverse range of academic institutions, including minority-serving and predominantly undergraduate institutions, have access to such infrastructure.

Link:

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12810&org=NSF&sel_org=NSF&from=fund

Organization: USDA RFP/Letter Name: Solid Waste Management Grant Program SWMFY2018 Due Date: January 2, 2018 Summary:

Funds may be used to: Evaluate current landfill conditions to determine threats to water resources in rural areas; provide technical assistance and/or training to enhance operator skills in the maintenance and operation of active landfills in rural areas; provide technical assistance and/or training to help associations reduce the solid waste stream; and provide technical assistance and/or training for operators of landfills in rural areas which are closed or will be closed in the near future with the development/implementation of closure plans, future land use plans, safety and maintenance planning, and closure scheduling within permit requirements. Grant funds may not be used to: Recruit pre-applications/applications for any loan and/or grant program including RUS Water and Waste Disposal Loan and/or Grant Program; duplication of current services, replacement or substitution of support previously provided such as those performed by an association's consultant in developing a project; fund political activities; pay for capital assets, the purchase of real estate or vehicles, improve and renovate office space, or repair and maintain privately-owned property; pay for construction or operation and maintenance costs of water and waste facilities; and pay costs incurred prior to the effective date of grants made under 7 CFR 1775. **Link:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppId=297812>

Organization: NIH RFP/Letter Name: Unconventional Roles of Ethanol Metabolizing Enzymes, Metabolites, and Cofactors in Health and Disease (R01) PA-15-058 Due Date: January 7, 2018 Summary:

The purpose of this FOA is to provide support for integrated, innovative research on the novel and unconventional contributions of ethanol metabolizing pathways, their metabolites, cofactors, and interactions with synergizing biological pathways in the development of alcohol-induced diseases and end organ injuries. It is anticipated that research supported under this FOA will generate data that leads to breakthroughs in identification and understanding of key cellular and molecular components in the initiation, progression and maintenance of the diverse medical disorders caused by excessive or long term alcohol consumption. This knowledge is critical for the diagnosis, treatment and management of vulnerable patient populations debilitated by the vast array of alcohol-induced pathologies and will enable clinicians to improve disease outcomes and, consequently, public health. **Link:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppId=270232>

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