Presented by
Weekly Grant Opportunities Update
Jacksonville State University
March 5, 2018

Department of Education

Department of Education - Office of Innovation and Improvement (OII): Charter Schools Program (CSP) Grants to Developers for the Replication and Expansion of High-Quality Charter Schools CFDA Number 84.282E

Pre-application meeting Date: March 8, 2018
Proposal Due Date: April 16, 2018
Expected Number of Awards: 30
Estimated Total Program Funding: $15,000,000
Award Ceiling: $1,250,000

Purpose: Purpose of Program: The major purposes of the CSP are to expand opportunities for all students, particularly traditionally underserved students, to attend charter schools and meet challenging State academic standards; provide financial assistance for the planning, program design, and initial implementation of public charter schools; increase the number of high-quality charter schools available to students across the United States; evaluate the impact of charter schools on student achievement, families, and communities; share best practices between charter schools and other public schools; encourage States to provide facilities support to charter schools; and support efforts to strengthen the charter school authorizing process. CSP--Grants to Charter School Developers for the Opening of New Charter Schools and for the Replication and Expansion of High-Quality Charter Schools (Developer Grants) are intended to support charter schools that serve early childhood, elementary school, or secondary school students by providing grant funds to eligible applicants for the opening of new charter schools (CFDA number 84.282B) and for the replication and expansion of high-quality charter schools (CFDA number 84.282E). Eligibility for a grant under this competition is limited to charter school developers in States that do not currently have a CSP State Entity grant (CFDA number 84.282A) under the Elementary and Secondary Education Act of 1965 (ESEA), as amended by the Every
Student Succeeds Act (ESSA). Eligibility in a State with a CSP State Educational Agency (SEA) grant under the ESEA, as amended by the No Child Left Behind Act of 2001 (NCLB) (CFDA number 84.282A) is limited to charter school developers applying for grants for the replication and expansion of high-quality charter schools (CFDA number 84.282E) and only if the Department has not approved an amendment to the SEA’s approved grant application authorizing the SEA to make subgrants for replication and expansion. Charter schools that receive financial assistance through Developer Grants provide programs of elementary or secondary education, or both, and may also serve students in early childhood education programs or postsecondary students.

The Department will hold a pre-application meeting via webinar for prospective applicants on Thursday, March 8, 1:00 p.m., Washington, DC time. Individuals interested in attending this meeting are encouraged to pre-register by emailing their name, organization, and contact information with the subject heading “DEVELOPER GRANTS PRE-APPLICATION MEETING” to CharterSchools@ed.gov. There is no registration fee for attending this meeting. For further information about the pre-application meeting, contact Eddie Moat, U.S. Department of Education, 400 Maryland Avenue SW, Room 4W259, Washington, DC 20202-5970. Telephone: (202) 401-2266 or by email: eddie.moat@ed.gov.

https://www.grants.gov/web/grants/view-opportunity.html?oppId=301193

Department of Education - Office of Innovation and Improvement (OII): Charter Schools Program (CSP) Grants to Developers for the Opening of New Charter Schools
CFDA Number 84.282B

Pre-application meeting Date: March 8, 2018
Proposal Due Date: April 16, 2018
Expected Number of Awards: 30
Estimated Total Program Funding: $15,000,000
Award Ceiling: $1,250,000
Award Floor:
Funding Opportunity Number: ED-GRANTS-030218-001

Purpose: Purpose of Program: The major purposes of the CSP are to expand opportunities for all students, particularly traditionally underserved students, to attend charter schools and meet challenging State academic standards; provide financial assistance for the planning, program design, and initial implementation of public charter schools; increase the number of high-quality charter schools available to students across the United States; evaluate the impact of charter schools on student achievement, families, and communities; share best practices between charter schools and other public schools; encourage States to provide facilities support to charter schools; and support efforts to strengthen the charter school authorizing process. CSP--Grants to Charter School Developers for the Opening of New Charter Schools and for the Replication and Expansion of High-Quality Charter Schools (Developer Grants) are intended to support charter schools that serve early childhood, elementary school, or secondary school students by providing grant funds to eligible applicants for the opening of new charter schools (CFDA number 84.282B) and for the replication and expansion of high-
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https://www.grants.gov/web/grants/view-opportunity.html?oppId=301173

Department of the Interior

Department of the Interior - Bureau of Reclamation - Desalination and Water Purification Research Program for Fiscal Year 2018

Proposal Due Date: May 1, 2018
Expected Number of Awards: 15
Estimated Total Program Funding: $400,000
Award Ceiling: $400,000
Award Floor: $150,000
Funding Opportunity Number: BOR-DO-18-F002

Purpose: This Funding Opportunity Announcement’s (FOA) objective is to invite private industry, universities, water utilities, and other research sponsors to submit proposals to cost share laboratory scale and pilot scale projects that address DWPR program goals and objectives. Funding Group I: Laboratory scale projects are typically bench scale studies involving small flow rates (less than 2 gallons per minute). They are used to determine the viability of a novel process, new materials, or process modifications. Research at this stage often involves a high degree of risk and uncertainty. Funding Group II: Pilot scale projects test a novel process at a sufficiently large scale to determine the technical, practical, and economic viability of the process and are generally preceded by laboratory studies (funded previously by DWPR or others) that demonstrate that the technology works.
Department of Justice

Department of Justice - National Institute of Justice - NIJ FY18 Artificial Intelligence Technology Applied Research and Development for Law Enforcement Applications
Purpose: NIJ is seeking applications for research to apply advances in Artificial Intelligence (AI) technologies to support law enforcement in preventing, responding to, and investigating gang violence, human and drug trafficking, migrant smuggling, and/or child pornography.

Department of Justice - National Institute of Justice - NIJ FY18 W.E.B. Du Bois Program of Research on Crime
Purpose: NIJ seeks investigator-initiated proposals in two funding categories under the W.E.B. Du Bois Program of Research on Crime: (1) Scholars who are advanced in their careers; and (2) Fellows who are early in their careers. The program supports research that places particular emphasis on the intersections of race, crime, violence and the administration of justice within the United States. It furthers the Department’s mission by advancing knowledge regarding issues deemed critical by the U.S. Department of Justice.

Department of Justice - National Institute of Justice - NIJ FY18 Research and Evaluation on Hate Crimes
Purpose: NIJ is seeking research and evaluation related to hate crime perpetration and victimization. The purpose of this solicitation is to support research and evaluation to: 1) understand the motivations and pathways to hate crime offending; 2) determine whether programs targeted at hate crime offenders are effective at reducing reoffending; 3) determine whether programs that work with victims of hate crimes and their communities are effective at reducing the harms caused by hate crimes; and 4) provide information that will improve investigative and prosecutorial outcomes. Other proposals that address research related to hate crimes will be considered.

https://www.grants.gov/web/grants/view-opportunity.html?oppId=301095

Department of Justice - National Institute of Justice - NIJ FY18 Comprehensive School Safety Initiative
Proposal Due Date: May 7, 2018
Expected Number of Awards: 25
Estimated Total Program Funding: $50,000,000
Award Ceiling:
Award Floor:
Funding Opportunity Number: NIJ-2018-14140

Purpose: The Comprehensive School Safety Initiative (CSSI) funds rigorous research to produce practical knowledge that can improve the safety of students and schools. The Initiative is carried out through partnerships between researchers, educators, and other stakeholders; including law enforcement, behavioral and mental health professionals, courts, and other justice system professionals. Projects funded under the CSSI are designed to improve understanding that can be applied to schools and school districts across the nation for years to come. This solicitation includes five funding categories with different expectations and requirements to accomplish the purposes of the CSSI.

https://www.grants.gov/web/grants/view-opportunity.html?oppId=301114

Department of Veterans Affairs
Purpose: Program Description: The Adaptive Sports Grant (ASG) Program’s purpose is to provide grants to eligible adaptive sports entities to plan, develop, manage, and implement programs to provide adaptive sports activities for disabled Veterans and disabled members of the Armed Forces. Adaptive sports activities mean: (1) instruction, participation, and competition in adaptive sports; (2) training and technical assistance to program administrators, coaches, recreation therapists, instructors, VA employees, and other appropriate individuals; and (3) coordination, Paralympic classification of athletes, athlete assessment, sport-specific training techniques, program development (including programs at the local level), sports equipment, supplies, program evaluation, and other activities related to the implementation and operation of the program grants to adaptive sports entities that will coordinate or provide adaptive sports activities. Funding Priorities: The overriding goal for this NOFA is to ensure that appropriate levels of resources are provided to eligible adaptive sports entities with the greatest capabilities to meet the needs and priorities for disabled Veterans and disabled members of the Armed Forces as described in the ASG Program goals and objectives, and provide adaptive sports activities in geographic regions where VA has identified limited sports opportunities for disabled Veterans and disabled members of the Armed Forces. See NOFA and VA Adaptive Sports Grant Program webpage for further details.

https://www.grants.gov/web/grants/view-opportunity.html?oppId=301161

Environmental Protection Agency

Environmental Protection Agency - FY 2018 – FY 2019 Pollution Prevention Grant Program

Proposed Due Date: April 26, 2018
Expected Number of Awards: 100
Estimated Total Program Funding: $9,380,000
Award Ceiling: $500,000
Award Floor: $40,000
Funding Opportunity Number: EPA-HQ-OPPT-2018-001
Purpose: EPA is announcing a grant competition to fund two-year Pollution Prevention assistance agreements for projects expected to be performed in each EPA region that provide technical assistance and/or training to businesses/facilities to help them adopt source reduction approaches (also known as “pollution prevention” or “P2”). P2 means reducing or eliminating pollutants from entering any waste stream or otherwise released into the environment prior to recycling, treatment, or disposal. In keeping with the Pollution Prevention Act of 1990, EPA is encouraging P2 because implementing these approaches can result in reductions in toxic pollutants, the use of water, energy and other raw materials, while also lowering business costs. For this current round of grants, EPA is putting additional emphasis on documenting and sharing the P2 best practices and innovations identified and developed through these grants so that others can replicate these approaches and outcomes. If Congress appropriates Fiscal Year (FY) 2018 and 2019 funds for the P2 Program at levels comparable to FY 2017 funding levels, the EPA may award a total of approximately $9.38 million in federal P2 grant funding for these two-year assistance agreements (approximately $4.69 million in FY 2018 and approximately $4.69 million in FY 2019 funds).

https://www.grants.gov/web/grants/view-opportunity.html?oppId=301154

National Science Foundation

National Science Foundation - Partnerships between Science and Engineering Fields and the NSF TRIPODS Institutes

Proposal Due Date: May 29, 2018
Expected Number of Awards: 
Estimated Total Program Funding: $10,710,000
Award Ceiling:
Award Floor:
Funding Opportunity Number: 18-542

Purpose: The National Science Foundation’s (NSF’s) Directorates for Computer & Information Science & Engineering (CISE) and Mathematical & Physical Sciences (MPS) recently launched the Transdisciplinary Research in Principles of Data Science (TRIPODS) Phase I program with the goal of promoting long-term, interdisciplinary research and training activities that engage theoretical computer scientists, statisticians, and mathematicians in developing the theoretical foundations of data science. Twelve TRIPODS Phase I Institutes were established in FY17 (see https://www.nsf.gov/news/news_summ.jsp?cntn_id=242888).

The Partnerships between Science and Engineering Fields and the NSF TRIPODS Institutes (TRIPODS + X) solicitation seeks to expand the scope of the TRIPODS program beyond the foundations community by engaging researchers across other NSF disciplines and the TRIPODS research teams in collaborative activities. TRIPODS + X projects will foster relationships between researchers in science & engineering domains and foundational data scientists by leveraging existing NSF investments in the TRIPODS organizations. Working in concert with a TRIPODS organization, a TRIPODS + X project would focus on
data-driven research challenges motivated by applications in one or more science and engineering domains or other activities aimed at building robust data science communities.

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505527

National Science Foundation - Innovations at the Nexus of Food, Energy and Water Systems

Proposal Due Date: September 26, 2018
Expected Number of Awards: 30
Estimated Total Program Funding: $34,000,000
Award Ceiling: $2,500,000
Award Floor: 
Funding Opportunity Number: 18-545

Purpose: Humanity depends upon the Earth’s physical resources and natural systems for food, energy, and water (FEW). However, both the physical resources and the FEW systems are under increasing stress. It is becoming imperative that we determine how society can best integrate social, ecological, physical and built environments to provide for growing demand for food, energy and water in the short term while also maintaining appropriate ecosystem services for the future. Known stressors in FEW systems include governance challenges, population growth and migration, land use change, climate variability, and uneven resource distribution. The interconnections and interdependencies associated with the FEW Nexus pose research grand challenges. To meet these grand challenges, there is a critical need for research that enables new means of adapting societal use of FEW systems.

The INFEWS program seeks to support research that conceptualizes FEW systems broadly and inclusively, incorporating social and behavioral processes (such as decision making and governance), physical processes (such as built infrastructure and new technologies for more efficient resource utilization), natural processes (such as biogeochemical and hydrologic cycles), biological processes (such as agroecosystem structure and productivity), and cyber-components (such as sensing, networking, computation and visualization for decision-making and assessment). Investigations of these complex systems may produce discoveries that cannot emerge from research on food or energy or water systems alone. It is the synergy among these components in the context of sustainability that will open innovative science and engineering pathways to produce new knowledge, novel technologies, and innovative predictive capabilities.

The overarching goal of the INFEWS program is to catalyze well-integrated, convergent research to transform understanding of the FEW Nexus as integrated social, engineering, physical, and natural systems in order to improve system function and management, address system stress, increase resilience, and ensure sustainability. The NSF INFEWS activity is designed specifically to attain the following goals:
1. Significantly advance our understanding of the food-energy-water system of systems through quantitative, predictive and computational modeling, including support for relevant cyberinfrastructure;
2. Develop real-time, cyber-enabled interfaces that improve understanding of the behavior of FEW systems and increase decision support capability;
3. Enable research that will lead to innovative and integrated social, engineering, physical, and natural systems solutions to critical FEW systems problems;
4. Grow the scientific workforce capable of studying and managing the FEW system of systems, through education and other professional development opportunities.

This initiative enables interagency cooperation on one of the most pressing problems of the millennium - understanding interactions across the FEW nexus - how dynamics of the FEW Nexus are likely to affect our world, and how we can proactively plan for consequences. This solicitation allows the partner agencies - National Science Foundation (NSF) and the United States Department of Agriculture National Institute of Food and Agriculture (USDA/NIFA) - to combine resources to identify and fund the most meritorious and highest-impact projects that support their respective missions, while eliminating duplication of effort and fostering collaboration between agencies and the investigators they support.

In addition, NSF and USDA/NIFA promote international cooperation that links scientists and engineers from a range of disciplines and organizations to solve the significant global challenges at the nexus of FEW systems. Proposals including international collaboration are encouraged when those efforts enhance the merit of the proposed work by incorporating unique resources, expertise, facilities or sites of international partners. The U.S. team’s international counterparts generally should have support or obtain funding through non-NSF sources. To facilitate coordinating research activities between US and international partners, specific collaborative funding opportunities have been developed involving some international partners: list of international opportunities.

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505241

National Science Foundation - Geospace Environment Modeling
Proposal Due Date: Proposals accepted anytime
Expected Number of Awards: 10
Estimated Total Program Funding: $1,500,000
Award Ceiling: $150,000
Award Floor: $120,000
Funding Opportunity Number: 18-543

Purpose: Geospace Environment Modeling (GEM) is a broad-based research program investigating the physics of the Earth’s magnetosphere and the coupling of the magnetosphere to the atmosphere and to the solar wind. The goal of the GEM program is to make accurate predictions of the geospace environment by developing physical understanding of the large-scale organization and dynamics from observations, theory, and increasingly realistic models.
National Science Foundation - Coupling, Energetics, and Dynamics of Atmospheric Regions
Proposal Due Date: Proposals accepted anytime
Expected Number of Awards: 8
Estimated Total Program Funding: $1,000,000
Award Ceiling: $125,000
Award Floor: $90,000
Funding Opportunity Number: 18-544

Purpose: The Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR) program is a broad-based research program with the goal of understanding the behavior of atmospheric regions from the middle atmosphere upward through the thermosphere and ionosphere into the exosphere in terms of coupling, energetics, chemistry, and dynamics on regional and global scales. These processes are related to the sources of perturbations that propagate upward from the lower atmosphere as well as to solar radiation and particle inputs from above. The activities within this program combine observations from ground based and space based platforms, theory and modeling.

U.S. Agency for International Development

Proposal Due Date: March 4, 2019
Expected Number of Awards:
Estimated Total Program Funding:
Award Ceiling:
Award Floor:
Funding Opportunity Number: 7200AA18APS00003

Purpose: USAID has a long history of engaging higher education institutions (HEIs) to achieve development objectives. Together with HEIs, the U.S. Global Development Lab partners with USAID colleagues, other federal agencies, NGOs, and the private sector to increase the scientific knowledge and evidence directed toward addressing USAID’s development priorities and improving policy and programming decisions. When USAID intends to support a variety of creative approaches towards developing methodologies to assess and implement development objective activities, the Agency may use an Annual Program Statement (APS) to generate competition for these awards. When used, USAID will publish an APS at least once a year, either with an open-ended response time or a closing date of at least six months after issuance. More specifically, the STIP APS is designed to provide a vehicle for
USAID to engage with the higher education community broadly and creatively, across the research and development spectrum. Additionally, by encouraging universities to engage civil communities broadly across STIP programmatic emphases, the STIP APS seeks to provide broad flexibility for the academic community to collaborate with USAID, each other, and local institutions (including the private sector, government, and civil society organizations) to build partnerships around key development challenges.

https://www.grants.gov/web/grants/view-opportunity.html?oppId=301213