



Presented by



Weekly Grant Opportunities Update

Jacksonville State University

August 5, 2019

Department of Education

Department of Education - OSERS-OSEP: Educational Technology, Media, and Materials for Individuals with Disabilities: National Center on Accessible Educational Materials for Learning CFDA Number 84.327Z

Proposal Due Date: September 3, 2019

Expected Number of Awards: 1

Estimated Total Program Funding: \$1,200,000

Award Ceiling:

Award Floor:

Funding Opportunity Number: ED-GRANTS-080119-001

Purpose: The purposes of the Educational Technology, Media, and Materials for Individuals with Disabilities Program are to (1) improve results for children with disabilities by promoting the development, demonstration, and use of technology; (2) support educational activities designed to be of educational value in the classroom for children with disabilities; (3) provide support for captioning and video description that is appropriate for use in the classroom; and (4) provide accessible educational materials (AEM) to children with disabilities in a timely manner.

<https://www.grants.gov/web/grants/view-opportunity.html?opId=318947>

Department of Health and Human Services

Department of Health and Human Services - National Institutes of Health - Palliative Care in Home and Community Settings (R01 Clinical Trial Optional)

Proposal Due Date: February 5, 2019

Expected Number of Awards:

Estimated Total Program Funding:
Award Ceiling: \$200,000
Award Floor:
Funding Opportunity Number: PAR-19-321

Purpose: The purpose of this funding opportunity is to stimulate research aimed at determining needs and best practices for the integration of palliative care into home and community settings. Home and community in this FOA refer to the place where an individual resides or lives. Home- and community-based palliative care programs ensure those with serious, advanced illness who do not require hospitalization but are not appropriate for hospice have access to high quality end-of-life and palliative care.

<https://grants.nih.gov/grants/guide/pa-files/PAR-19-321.html>

Department of Health and Human Services - National Institutes of Health - Palliative Care in Home and Community Settings (R21 Clinical Trial Optional)

Proposal Due Date: February 16, 2019
Expected Number of Awards:
Estimated Total Program Funding:
Award Ceiling: \$200,000
Award Floor:
Funding Opportunity Number: PAR-19-320

Purpose: The purpose of this funding opportunity is to stimulate research aimed at determining needs and best practices for the integration of palliative care into home and community settings. Home and community in this FOA refer to the place where an individual resides or lives. Home- and community-based palliative care programs ensure those with serious, advanced illness who do not require hospitalization but are not appropriate for hospice have access to high quality end-of-life and palliative care.

<https://grants.nih.gov/grants/guide/pa-files/PAR-19-320.html>

Department of Homeland Security

Department of Homeland Security - Office of Procurement Operations - Grants Division - FY 2019 Citizenship and Assimilation Grant Program: Refugee and Asylee Assimilation Program

Proposal Due Date: August 13, 2019
Expected Number of Awards:
Estimated Total Program Funding:

Award Ceiling: \$1,000,000
Award Floor:
Funding Opportunity Number: CI-CET-19-003

Purpose: The Office of Citizenship (OoC), within U.S. Citizenship and Immigration Services (USCIS), Department of Homeland Security (DHS), is charged with promoting instruction and training on the rights and responsibilities of citizenship. USCIS recognizes that naturalization is a culmination of the civic assimilation of LPRs who were resettled as refugees or granted asylum, however, some of these individuals may experience challenges with aspects of civic, linguistic, economic, cultural, and institutional assimilation when resettling in the United States, which may impact their progress toward full civic assimilation. The sooner refugees and asylees are able to engage in their communities, the more likely they are to find satisfaction and success in their personal and professional lives; the more likely they are to make positive contributions to their communities and the Nation; and the more likely they are to become naturalized citizens. It is critical to provide former refugees and asylees with opportunities to gain the knowledge and skills necessary to fully assimilate into U.S. society. The goal of the Refugee and Asylee Assimilation Program (RAAP) is to provide extended assimilation services, which build on, but are not intended to replicate, those resettlement services funded by the Department of State's Bureau of Population, Refugees, and Migration and the Department of Health and Human Services' Office of Refugee Resettlement, which prioritize early economic self-sufficiency. The primary focus of the RAAP is to provide individualized programming to lawful permanent residents (LPRs), who entered the United States under the U.S. Refugee Admissions Program (USRAP) or were granted asylum, to attain the skills and knowledge required for successful citizenship and to foster a sense of belonging and attachment to the United States. Lawful permanent residents who entered the United States as Cuban Haitian entrants or on a Special Immigrant Visa (SIV) are not eligible for services under this program. This grant strives to promote long term civic assimilation of those LPRs who have identified naturalization as a goal, yet may need additional information and instruction to attain it. Applicants are required to demonstrate in depth experience with and extensive knowledge of the particular community they propose to serve, and describe how the proposed program design will address the identified assimilation needs of this population. Applicants are required to propose a program that provides a suite of assimilation services to LPRs who were resettled as refugees or granted asylum that will promote long term civic assimilation. Through individual client needs assessments, completion of client assimilation plans for each enrolled client, provision of information and guidance on available assimilation services, provision of civics-based literacy and civics-based English language, and citizenship instruction to prepare for naturalization, former refugees and asylees will gain the tools to become successful citizens. Applications must propose a detailed plan to assess each LPR and develop and monitor the implementation of an individual assimilation plan for those served under the program. Submission of the proposed assimilation plan template is required as an attachment to this application. As part of each individual client's assimilation plan, applicants must make referrals to the following assimilation services based on the LPR's specific identified needs: community orientation; referrals and interactions with local government and public institutions; referrals to employment training; and referrals to appropriate sources of information for updating or renewing previously held foreign professional credentials when applicable. In addition to the proposed assimilation services, the cornerstone of the program design must include civics-based literacy, civics-

based English as a Second Language (ESL), citizenship instruction, and free naturalization legal services within the authorized practice of immigration law. Naturalization legal services cannot be provided to individuals who have not undergone the initial assimilation assessment and have a completed assimilation plan. The primary applicant or a sub-awardee must directly provide either the citizenship instruction or the naturalization legal services. Civics-based literacy and civics-based ESL instruction may be provided by the applicant, sub-awardee, or a community-based partner. Other required assimilation services may be provided through systemic and documented referral to other local community service providers with whom the primary applicant has a pre-existing and well-established relationship. OoC may suggest changes to the assimilation proposal after reviewing the applicant's program design either during the negotiation period or the first quarter of the funding period. Grant recipients will be required to develop and monitor the implementation of an individual assimilation plan for a minimum of 200 LPRs who have identified naturalization as a goal. A template for the applicant's proposed assimilation plan must be submitted as an attachment as part of its proposal. Furthermore, the goals of the Citizenship and Assimilation Grant Program address the DHS mission to Enforce and Administer Our Immigration Laws as stated in the 2014 Quadrennial Homeland Security Review as the program provides lawful permanent residents instruction on the rights and responsibility of U.S. citizenship and information and support on how to apply for naturalization within the authorized practice of immigration law.

<https://www.grants.gov/web/grants/view-opportunity.html?opId=318937>

Department of Homeland Security - Office of Procurement Operations - Grants Division - FY 2019 Citizenship and Assimilation Grant Program: Citizenship Instruction and Naturalization Application Services

Proposal Due Date:	August 13, 2019
Expected Number of Awards:	
Estimated Total Program Funding:	
Award Ceiling:	\$9,000,000
Award Floor:	
Funding Opportunity Number:	CI-CET-19-002

Purpose: The Office of Citizenship (OoC), within U.S. Citizenship and Immigration Services (USCIS), Department of Homeland Security (DHS), is charged with promoting instruction and training on the rights and responsibilities of citizenship. USCIS recognizes that naturalization is an important milestone in the civic assimilation of immigrants. Naturalization requirements, such as knowledge of English and of U.S. history and civics, encourage civic learning and build a strong foundation upon which immigrants can fully assimilate into society. Through preparing for naturalization, immigrants will gain the tools to become successful citizens and meet their responsibilities as United States citizens. The goal of the Citizenship and Assimilation Grant Program is to expand the availability of high quality citizenship preparation services for lawful permanent residents in communities across the nation and to provide opportunities for lawful permanent residents to gain the knowledge and training necessary to assimilate into the fabric of American society. Additional activities that support this goal include

developing, identifying, and sharing best practices in citizenship preparation; increasing the use of and access to technology in citizenship preparation programs; working with local libraries and museums which serve as vital resources for immigrant communities; and incorporating strategies to foster welcoming communities as part of the citizenship and civic assimilation process. Furthermore, the goals of the Citizenship and Assimilation Grant Program address the DHS mission to Enforce and Administer Our Immigration Laws as stated in the 2014 Quadrennial Homeland Security Review as the program provides lawful permanent residents instruction on the rights and responsibility of U.S. citizenship and information and support on how to apply for naturalization within the authorized practice of immigration law.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=318936>

Environmental Protection Agency

Environmental Protection Agency - Training for Improved Protection of Drinking Water Sources

Proposal Due Date:	September 13, 2019
Expected Number of Awards:	1
Estimated Total Program Funding:	\$900,000
Award Ceiling:	\$900,000
Award Floor:	
Funding Opportunity Number:	EPA-OW-OGWDW-19-02

Purpose: The U.S. Environmental Protection Agency (EPA) is soliciting applications from eligible applicants for training that will enhance communication and coordination between the EPA and the states to protect drinking water sources. The training should develop and expand the capability of state and tribal Underground Injection Control (UIC) programs (Classes I-VI) and state and tribal SourceWater Protection (SWP) programs to protect drinking water sources. Funds awarded under this announcement may be used by recipients to promote non-federal participation in meetings that improve the ability to protect drinking water sources and to support the travel expenses of nonfederal personnel to attend appropriate meetings.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=318999>

Environmental Protection Agency - Contaminated Sites, Natural Disasters, Changing Environmental Conditions and Vulnerable Communities: Research to Build Resilience

Proposal Due Date:	September 17, 2019
Expected Number of Awards:	5
Estimated Total Program Funding:	\$4,000,000
Award Ceiling:	\$800,000
Award Floor:	

Funding Opportunity Number:**EPA-G2019-STAR-E1**

Purpose: The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is asking the scientific community to propose transdisciplinary research with an approach that integrates the following research questions: (1) How may certain natural disasters (e.g., wildfires, severe storms, flooding, hurricanes, tornadoes, volcanic eruptions, earthquakes or tsunamis) or changing environmental conditions (e.g., rising sea levels, higher average temperature or heat index) cause specific chemical contaminants to migrate from certain contaminated or containment sites (e.g., hazardous waste sites, landfills, solid waste or wastewater storage or treatment facilities, industrial sites such as mines or refineries) to nearby communities and pose elevated exposure risks to vulnerable groups, especially the elderly and/or children under the age of five years? (2) What are the major contributing factors or effect modifiers, in addition to the contaminants and natural disasters or changing environmental conditions, that may exacerbate the impacts to these vulnerable groups in impacted communities? and (3) How can scientific research results specifically help communities build better resilience against the problems and issues identified above?

<https://www.grants.gov/web/grants/view-opportunity.html?opId=318927>

National Aeronautics and Space Administration**National Aeronautics and Space Administration - NASA Johnson Space Center - Human Exploration Research Opportunities (HERO)****Proposal Due Date:****September 4, 2020****Expected Number of Awards:****5****Estimated Total Program Funding:****Award Ceiling:****Award Floor:****Funding Opportunity Number:****OJSC019N0001**

Purpose: A National Aeronautics and Space Administration (NASA) Research Announcement (NRA), entitled, "Human Exploration Research Opportunities (HERO)" (80JSC019N0001), has been released. This NRA will solicit applied research in support of NASA's Human Research Program (HRP). This NRA is available through the NASA Research Opportunities homepage at: <https://tinyurl.com/NASA-HERO-2019>.

The research will fall into one or more categories corresponding to HRP's five Elements: Space Radiation, Human Health Countermeasures, Exploration Medical Capability, Human Factors and Behavioral Performance, and Research Operations and Integration. This NRA covers all aspects of research to provide human health and performance countermeasures, knowledge, technologies, and tools to enable safe, reliable, and productive human space exploration.

Awards generally range from under \$100K per year for focused, limited efforts (e.g., data analysis) to \$1M per year for extensive activities (e.g., development of scientific hardware) and will be made as grants. The funds available for awards in each research opportunity offered in this NRA range from less than one million to several million dollars. This range allows selection from a few to as many as a dozen proposals depending on the program objectives and the submission of proposals of merit. The period of performance for an award can range from one to five years. All categories of United States (U.S.) institutions are eligible to submit proposals in response to this NRA. Any changes or modifications to any of these guidelines will be specified in the descriptions of the relevant research opportunities in the solicited research response area appendices of this solicitation.

Details of the topics will be given in the solicited research response area appendices of the NRA. All appendices will use a two-step solicitation process requiring that a compliant and relevant Step-1 proposal be submitted in order to be considered to be invited to submit a Step-2 proposal.

Proposal due dates will be staggered throughout the HERO open period of July 31, 2019 to July 2020. The first proposal due date (for Step-1 proposals submitted in response to Appendices A and B) is September 5, 2019. The electronic submission of each is required by the due date for proposal submission.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=319013>

National Aeronautics and Space Administration - National Space Grant College and Fellowship Program - Opportunities in NASA STEM FY 2020 – 2024

Proposal Due Date:	September 23, 2019
Expected Number of Awards:	52
Estimated Total Program Funding:	\$36,000,000
Award Ceiling:	\$700,000
Award Floor:	
Funding Opportunity Number:	NNH19ZHA001C

Purpose: This Cooperative Agreement Notice is a multi-year award that aims to contribute to NASA's mission, Office of STEM Education priorities, Co-STEM goals, Mission Directorate collaborations, and state-based needs. The multi-year award will be available to all Space Grant Consortia who will work with the Office of STEM Engagement to fulfill these objectives. Through the combined efforts of the Space Grant Consortia, this program will 1) enable contributions to NASA's work, 2) build a diverse, skilled future workforce, and 3) strengthen understanding of STEM through powerful connections to NASA. The program will focus on providing opportunities for students to engage with NASA's aeronautics, space, and science people, content, and facilities in support of a diverse future NASA and aerospace industry workforce, as well as, providing opportunities for students to contribute to NASA's aeronautics, space, and science missions and work in exploration and discovery through Mission Directorate collaborations.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=318918>

National Science Foundation

National Science Foundation - NSF/Intel Partnership on Machine Learning for Wireless Networking Systems

Proposal Due Date:	October 29, 2019
Expected Number of Awards:	15
Estimated Total Program Funding:	\$9,000,000
Award Ceiling:	
Award Floor:	
Funding Opportunity Number:	19-591

Purpose: This program seeks to accelerate fundamental, broad-based research on wireless-specific machine learning (ML) techniques, towards a new wireless system and architecture design, which can dynamically access shared spectrum, efficiently operate with limited radio and network resources, and scale to address the diverse and stringent quality-of-service requirements of future wireless applications. In parallel, this program also targets research on reliable distributed ML by addressing the challenge of computation over wireless edge networks to enable ML for wireless and future applications. Model-based approaches for designing the wireless network stack have proven quite efficient in delivering the networks in wide use today; research enabled by this program is expected to identify realistic problems that can be best solved by ML and to address fundamental questions about expected improvements from using ML over model-based methods. Proposals may address one or more Research Vectors (RVs): ML for Wireless Networks; ML for Spectrum Management; and Distributed ML over Wireless Edge Networks. It is anticipated that 10 to 15 awards will be made, with an award size of \$300,000-\$1,500,000, for periods of up to 3 years. The budget should be commensurate with the complexity of the proposed research. Projects will be funded across this range.

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=318933>

National Science Foundation - Ecology and Evolution of Infectious Diseases

Proposal Due Date:	November 20, 2019
Expected Number of Awards:	
Estimated Total Program Funding:	\$24,000,000
Award Ceiling:	\$2,500,000
Award Floor:	\$1,500,000
Funding Opportunity Number:	19-592

Purpose: The multi-agency Ecology and Evolution of Infectious Diseases program supports research on the ecological, evolutionary, and social drivers that influence the transmission dynamics of infectious diseases. The central theme of submitted projects must be the quantitative or computational

understanding of pathogen transmission dynamics. The intent is discovery of principles of infectious disease transmission and testing mathematical or computational models that elucidate infectious disease systems. Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies. They should focus on the determinants and interactions of transmission among humans, non-human animals, and/or plants. This includes, for example, the spread of pathogens; the influence of environmental factors such as climate; the population dynamics and genetics of reservoir species or hosts; the feedback between ecological transmission and evolutionary dynamics; and the cultural, social, behavioral, and economic dimensions of pathogen transmission. Research may be on zoonotic, environmentally-borne, vector-borne, or enteric pathogens of either terrestrial or aquatic systems and organisms, including diseases of animals and plants, at any scale from specific pathogens to inclusive environmental systems. Proposals for research on disease systems of public health concern to developing countries are strongly encouraged, as are disease systems of concern in agricultural systems. Investigators are encouraged to develop the appropriate multidisciplinary team, including for example, anthropologists, modelers, ecologists, bioinformaticians, genomics researchers, social scientists, economists, oceanographers, mathematical scientists, epidemiologists, evolutionary biologists, entomologists, parasitologists, microbiologists, bacteriologists, virologists, pathologists or veterinarians, with the goal of integrating knowledge across disciplines to enhance our ability to predict and control infectious diseases.

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5269

Small Business Administration

Small Business Administration - Small Business Development Centers

Proposal Due Date:	September 3, 2019
Expected Number of Awards:	50
Estimated Total Program Funding:	\$101,000,000
Award Ceiling:	\$5,836,957
Award Floor:	\$1,999,999
Funding Opportunity Number:	OSBDC-2020-01

Purpose: The Small Business Development Centers (SBDC) Program is the U.S. Small Business Administration's (SBA's) largest matching grant-funded program providing quality service to the small business community. The SBDC Program has 62 Recipient Organizations - one in each state (with the exception of four regional SBDC networks in Texas and five Recipient Organizations comprised of six regional SBDC networks in California), the District of Columbia, Puerto Rico, the Virgin Islands, Guam and American Samoa. The Recipient Organization is responsible for establishing a Lead Center and a Network of Service Centers to cover its designated area of service. The SBDC Program links the resources of Federal, state and local governments with the resources of the educational community and the private sector to provide assistance to the small business community. In partnership with SBA's Office of Small Business Development Centers (OSBDC) and District Offices, SBDCs develop business counseling and training programs, informational tools and other services that enhance the economic

development goals and objectives of SBA, their respective service areas and their local funding partners. SBDCs shall provide problem solving assistance to help small businesses access capital, develop and exchange new technologies, and improve business planning, strategy, operations, financial management, personnel administration, marketing, export assistance, sales and other areas required for small business growth and expansion, management improvement, increased productivity and innovation.

<https://www.grants.gov/web/grants/view-opportunity.html?opId=319097>

Ops-WATCH