FUNDING OPPORTUNITIES

The Office of Sponsored Programs routinely sends descriptions of grant opportunities to individuals, departments, and colleges. Please take a moment to review the current opportunities listed below. Additional opportunities are also available via the Funding announcements [link] on the Office of Sponsored Programs home Page. Also, for assistance with identifying specific and/or specialized funding opportunities, please contact, Ms. Lori Howard, our Pre-Awards Coordinator, via email at lori.howard@fvsu.edu or ext. 1063.

Before any proposal, prime or subaward, is submitted to a funding agency, it must be routed through the FVSU internal review process. The attached Notice of Intent to Submit Form is the first step in the process. It should be completed and returned to the Office of Sponsored Programs as soon as possible, but no later than 15 business days before the agency submission date.

The internal review process for external funding proposals ensures compliance with federal, state, and institutional regulations and promotes accuracy in all budgetary and institutional information. Furthermore, a Proposal Submission Form along with the appropriate signatures and documents should be submitted no later than 10 business days before the agency submission date.

As always, the Office of Sponsored Programs looks forward to supporting you in your efforts to secure external funding for your research/programs. Please do not hesitate to contact the office with any questions. We are located in C.V. Troup Suite 335 and may be reached at ext. 4232.

Army Research Office Broad Agency Fundamental Research

The purpose of this Broad Agency Announcement (BAA) is to solicit research proposals in the engineering, physical, life, and information sciences for submission to the Army Research Office (ARO) for consideration for possible funding. ARL has an overarching technical strategy to support Strategic Land Power Dominance for the Army of 2030 and beyond.

The strategy is based on seven Science and Technology (S&T) Core Technical Competencies: Computational Sciences, Ballistics Sciences, Materials & Manufacturing Sciences, Protection Sciences, Propulsion Sciences, Network & Information Sciences and Human Sciences. These competencies are structured to create discovery, innovation, and transition of technologies leading to Power Projection Superiority, Information Supremacy, Lethality and Protection Superiority, and Soldier Performance Augmentation for Strategic Land Power Dominance.

Proposals are sought from institutions of higher education, for scientific research in mechanical sciences, mathematical sciences, electronics, computing science, physics, chemistry, life sciences, materials science, network science, and environmental sciences.

Application deadline: March 31, 2020 5pm CST
For additional information visit: https://www.arl.army.mil/business/broad-agency-announcements/

CSX Pride and Community Service Grants

Pride in Service grants are intended to serve those who serve, and will be available to organizations that honor and support national and local heroes – veterans, active military and first responders.

CSX Community Service Grants assist organizations that make a strong, quantifiable impact on their greater communities. The online application for Community Service Grants is open from Jan. 1 through Dec. 15 each year. Every effort will be made to respond to applications within 30–45 days. Remaining applications are automatically closed after 90 days.

For additional information visit: https://www.csx.com/index.cfm/community-investment/charitable-investments/pride-in-service-grants/

Educational Technology Efficacy Research

The educational technology industry is immensely large. From physical equipment to software to everything in between. Discovering the efficacy of a particular technology on the improvement in learning or achievement in education can be a challenge; especially a monumental one if you’re a small-to-mid sized company without a proper R&D department.

A steadfast program of Educators of America is our Education Technology Research Initiative. By partnering with Educators of America, edtech companies and organizations can understand how effective their technology product or service is in the
classroom. In addition to the efficacy of a specific education technology, our research program discovers how well (or not well) the technology is adopted and implemented in the classroom and overall, education system.

Through collaborative efforts, our research team including PhD education professionals, experienced teachers, school district and university leaders, and entrepreneurs, delivers one to multi-year research programs that report long-term findings to your company or organization. Publication of white papers and peer-reviewed reports from the research program offers reputable backing to edtech efficacy in the areas of development, adoption, and implementation.

To learn more about our EdTech Efficacy Research Program, please reach out to Educators of America at info@educatorsusa.org or give us a call at 716-710-7300.

Spencer Foundation Research Grants on Education: Small

The Small Research Grants on Education Program supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets up to $50,000 for projects ranging from one to five years. We accept applications three times per year. Proposals to the Research Grants on Education program must be for academic research projects that aim to study education. Proposals for activities other than research are not eligible (e.g., program evaluations, professional development, curriculum development, scholarships, capital projects).

Additionally, proposals for research studies focused on areas other than education, are not eligible.

Application deadline: March 3, 2020, 2:00pm CST
For additional information visit: https://www.spencer.org/grant_types/small-research-grant

The Camille and Henry Dreyfus Foundation: Dreyfus Program for Machine Learning in the Chemical Sciences and Engineering

The Dreyfus Program for Machine Learning in the Chemical Sciences and Engineering provides funding for innovative projects in any area of Machine Learning (ML) consistent with the Foundation’s broad objective to advance the chemical sciences and engineering. The Foundation anticipates that these projects will contribute new fundamental chemical understanding, insight, and innovation in the field.

Application deadline: April 2, 2020 at 12:00pm CT
For additional information visit: https://www.dreyfus.org/machine-learning-in-the-chemical-sciences-and-engineering/

Awards for Faculty at Historically Black Colleges and Universities

The NEH Awards for Faculty program seeks to strengthen the humanities at Historically Black Colleges and Universities (HBCUs) by encouraging and expanding humanities research opportunities for individual faculty and staff members. Awards support individuals pursuing scholarly research that is of value to humanities scholars, students, and/or general audiences.

This program offers applicants flexibility in project types and award periods. Common to all projects must be humanities research. Eligible projects include:

- humanities research in primary and secondary materials leading to the development of books, monographs, peer-reviewed articles, e-books, digital materials, translations with annotations or a critical apparatus, critical editions, or other scholarly resources
- humanities research related to institutional or community goals or interests, such as projects that draw on institutional or community archival collections, or the development of materials in support of culture or language preservation and revitalization
- humanities research leading to the improvement of an existing undergraduate course, including the development of humanities resources (for example, oral histories, identification of previously unavailable primary sources, historical or literary collections)

The program is open to all faculty and staff members, including full time, part time, adjunct, and retired faculty and staff at Historically Black Colleges and Universities. Awards support individuals who work between half time and full time on their projects. Projects may be at any stage of development.

Application deadline: April 8, 2020
For additional information visit: https://www.neh.gov/grants/research/awards-faculty-historically-black-colleges-and-universities
Innovation Corps Hubs Program

Through this solicitation, NSF seeks to create the structure required to support the expansion of the NSF I-Corps Program throughout the community of NSF-funded researchers, local and regional entrepreneurial communities, and other federal agencies. The resulting National Innovation Network (NIN) will work collaboratively to create and sustain a national innovation ecosystem. The NIN is expected to be diverse and inclusive in all aspects, including research areas, personnel, institutions, tools, programs, capabilities, and geographic locations – providing the network with the flexibility to grow or reconfigure as needs arise. NSF I-Corps Hubs, as envisioned in this solicitation, will form the backbone of the NIN to enhance the nation’s ability to:

- Identify, develop and support promising ideas that can generate value;
- Create and implement tools, resources and training activities that enhance our nation’s innovation capacity; gather, analyze, evaluate and utilize the data and insight resulting from the experiences of those participating in local, regional, and national programs; provide opportunities to diverse communities of innovators; and share and leverage effective innovation practices on a national scale to improve the quality of life for the U.S. citizen.

Full Proposal Deadline: April 14, 2020
For additional information visit: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505760

NSF Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM)

The program seeks to 1) increase the number of low-income academically talented students with demonstrated financial need obtaining degrees in S-STEM eligible disciplines and entering the workforce or graduate programs in STEM; 2) improve the education of future scientists, engineers, and technicians, with a focus on low-income academically talented students with demonstrated financial need; and 3) generate knowledge to advance understanding of how interventions or evidence-based curricular and co-curricular activities affect the success, retention, transfer, academic/career pathways, and graduation of low-income students in STEM.

S-STEM program staff will conduct a series of "Office Hours" webinars in January. For more information on these webinars, please visit the NSF event page for additional information.

Biotechnology Risk Assessment Research Grants Program (BRAG)

The purpose of the BRAG program is to support the generation of new information that will assist Federal regulatory agencies in making science-based decisions about the effects of introducing into the environment genetically engineered organisms (GE), including plants, microorganisms — such as fungi, bacteria, and viruses — arthropods, fish, birds, mammals and other animals excluding humans. Investigations of effects on both managed and natural environments are relevant. The BRAG program accomplishes its purpose by providing federal regulatory agencies with scientific information relevant to regulatory issues.

Full Proposal Deadline: March 18, 2020
For additional information visit: https://nifa.usda.gov/funding-opportunity/biotechnology-risk-assessment-research-grants-program-brag

Higher Education Challenge (HEC) Grants Program

Projects supported by the Higher Education Challenge Grants Program will: (1) address a state, regional, national, or international educational need; (2) involve a creative or non-traditional approach toward addressing that need that can serve as a model to others; (3) encourage and facilitate better working relationships in the university science and education community, as well as between universities and the private sector, to enhance program quality and supplement available resources; and (4) result in benefits that will likely transcend the project duration and USDA support.

Full Proposal Deadline: Monday, March 23, 2020
For additional information visit: https://nifa.usda.gov/funding-opportunity/higher-education-challenge-hec-grants-program
Agriculture and Food Research Initiative - Foundational and Applied Science Program

The AFRI Foundational and Applied Science Program supports grants in six AFRI priority areas to advance knowledge in both fundamental and applied sciences important to agriculture. The six priority areas are: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural Resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities. Research-only, extension-only, and integrated research, education and/or extension projects.

**Full Proposal Deadline:** November 18, 2020

Agricultural Innovation through Gene Editing - Letter of Intent required

**Letter of Intent Deadline** - February 19, 2020

Agricultural Microbiomes - Letter of Intent required

**Letter of Intent Deadline** - March 10, 2020

Tactical Sciences for Agricultural Biosecurity - Letter of Intent required

**Letter of Intent Deadline** - March 10, 2020

All Conference Grants - Letter of Intent required

**Letter of Intent Deadline** - Minimum of 135 days before the conference begins

**Application Deadline Dates** Dates vary by program area priority; see Program Area Descriptions for additional information (See Part I, C.).

For additional information visit: [https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-foundational-applied-science-program](https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-foundational-applied-science-program)