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.

The Gerber Foundation is accepting applications for research projects aimed at identifying solutions to common everyday issues and problems in the field of children’s health and nutrition. Of interest to the foundation are projects offering substantial promise of meaningful advances in prevention and treatment of diseases and those with broad and general applicability, including pediatric health, pediatric nutrition, and environmental hazards (Nutrient Competitors).

Deadline: November 15, 2019
For additional information visit: https://www.gerberfoundation.org/how-to-apply/

The mission of Morris Animal Foundation is to bridge science and available resources to advance the health of animals. To advance its mission, the foundation funds humane, hypothesis-driven animal health research projects with high scientific merit and the potential for significant impact on animal health.

To that end, the foundation currently is inviting applications for its First Award grants program. Through the program, grants of up to $50,000 a year for up to two years (plus 8 percent for indirect costs if charged by applicant’s institution) will be awarded in support of new faculty looking to establish a successful animal health research program. Projects must advance the science of canine, feline, equine, llama, alpaca, or wildlife health. (Projects oriented toward human health and agricultural animal health do not fall within Morris Animal Foundation’s mission and will not be accepted.)

To be eligible, applicants must have a DVM and/or PhD as well as a full-

Deadline: November 13, 2019

The Technical Assistance and Training (TAT) Grant Program has been established to assist communities with water or wastewater systems through free technical assistance and/or training provided by the grant recipients. Qualified private non-profit organizations will receive TAT grant funds to identify and evaluate solutions to water and waste disposal problems in rural areas, assist applicants in preparing applications for water and waste grants made at the State level offices, and improve operation and maintenance of existing water and waste disposal facilities in rural areas.
**Deadline:** December 31, 2019


**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.

**Deadline:** December 31, 2019

For additional information visit: [https://nifa.usda.gov/funding-opportunity/higher-education-challenge-hec-grants-program](https://nifa.usda.gov/funding-opportunity/higher-education-challenge-hec-grants-program)

**Research Experience and Mentoring Program (REM)** The REM Program supports the active involvement of research participants (high school students, STEM teachers, undergraduate STEM students, faculty, and veterans) in hands-on research in order to bring participants into contact with suitable STEM mentors and expose them to this rich research experience.

The main goals of the REM Program are to provide research experiences and mentored opportunities to STEM students and/or educators that may ultimately enhance their career and academic trajectories while enhancing EFRI- and ERC-supported research. The REM Program may also enable the building of long-term collaborative partnerships among EFRI- and ERC-supported researchers, community colleges, local four-year colleges, and local school districts.

Webinar Scheduled for October 10, 2019 from 1:00 to 2:00 p.m. please visit [https://www.nsf.gov/events/event_summ.jsp?cntn_id=299293&WT.mc_id=USNSF_13&WT.mc_ev=click](https://www.nsf.gov/events/event_summ.jsp?cntn_id=299293&WT.mc_id=USNSF_13&WT.mc_ev=click) for webinar details.

**Deadline:** November 1, 2019

For additional information visit: [https://www.nsf.gov/eng/efma/rem.jsp](https://www.nsf.gov/eng/efma/rem.jsp)

**Improving Undergraduate STEM Education: Education and Human Resources.** The fields of science, technology, engineering, and mathematics (STEM) hold much promise as sectors of the economy where we can expect to see continuous vigorous growth in the coming decades. STEM job creation is expected to outpace non-STEM job creation significantly, according to the Commerce Department, reflecting the importance of STEM knowledge to the US economy. IUSE: EHR especially welcomes proposals that will pair well with the efforts of NSF INCLUDES (https://www.nsf.gov/news/special_reports/nsfindudes/index.jsp) to develop STEM talent from all sectors and groups in our society. For all the above objectives, the National Science Foundation invests primarily in evidence-based and knowledge-generating approaches to understand and improve STEM learning and learning environments, improve the diversity of STEM students and majors, and prepare STEM majors for the workforce. In addition to contributing to STEM education in the host institution(s), proposals should have the promise of adding more broadly to our understanding of effective teaching and learning practices. The IUSE: EHR program features two tracks: (1) Engaged Student Learning and (2) Institutional and Community Transformation. Several levels of scope, scale, and funding are available within each track, as summarized in Table 1.

Table 1: Overview of Engaged Student Learning and Institutional and Community Transformation tracks, levels, and deadlines

<table>
<thead>
<tr>
<th>Track</th>
<th>Level</th>
<th>Deadlines</th>
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Engaged Student Learning

<table>
<thead>
<tr>
<th>Level</th>
<th>Funding Range</th>
<th>Proposal Deadline</th>
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<tbody>
<tr>
<td>Level 1</td>
<td>up to $300,000 for up to three years</td>
<td>February 4, 2020</td>
</tr>
<tr>
<td>Level 2</td>
<td>$300,001 - $600,000 for up to three years</td>
<td>December 4, 2019</td>
</tr>
<tr>
<td>Level 3</td>
<td>$600,001 - $2 million for up to five years</td>
<td>December 4, 2019</td>
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Institutional and Community Transformation

<table>
<thead>
<tr>
<th>Capacity-Building</th>
<th>Funding Range</th>
<th>Proposal Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1:</td>
<td>up to $300,000 for up to three years</td>
<td>February 4, 2020</td>
</tr>
<tr>
<td>Level 2:</td>
<td>$300,001 - $2 million (single institution) or $3 million (multiple institutions and research centers) for up to five years</td>
<td>December 4, 2019</td>
</tr>
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Full Proposal Due: December 04, 2019 and February 4, 2020
For additional information visit: [https://www.grants.gov/web/grants/search-grants.html](https://www.grants.gov/web/grants/search-grants.html)

National Artificial Intelligence (AI) Research Institutes:

The National AI Research Institutes program – a joint effort of NSF, USDA-NIFA, DHS S&T, DOT FHWA, and the VA – will fund Institutes comprising scientists, engineers, and educators united by a common focus on advancing the research frontiers in AI. AI Research Institutes will have as their primary focus the advancement of multidisciplinary, multi-stakeholder research on larger-scale, longer-time-horizon challenges in AI research than are supported in typical research grants. They will accelerate the development of transformational technologies by grounding that research in critical application sectors that can serve as motivation for foundational research advances and provide opportunities for the effective fielding of AI-powered innovation.

Full Proposal Due: January 28, 2020