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 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 can be reached at ext. 4232.

Secure and Trustworthy Cyberspace (SaTC)

The SaTC program are aligned with the National Science and Technology Council’s (NSTC) Federal Cybersecurity Research and Development Strategic Plan (RDSP) and National Privacy Research Strategy (NPRS) to protect and preserve the growing social and economic benefits of cyber systems while ensuring security and privacy. The RDSP identified six areas critical to successful cybersecurity research and development: (1) scientific foundations; (2) risk management; (3) human aspects; (4) transitioning successful research into practice; (5) workforce development; and (6) enhancing the research infrastructure. The NPRS, which complements the RDSP, identifies a framework for privacy research, anchored in characterizing privacy expectations, understanding privacy violations, engineering privacy-protecting systems, and recovering from privacy violations. In alignment with the objectives in both strategic plans, the SaTC program takes an interdisciplinary, comprehensive and holistic approach to cybersecurity research, development, and education, and encourages the transition of promising research ideas into practice.

The SaTC program welcomes proposals that address cybersecurity and privacy, and draw on expertise in one or more of these areas: computing, communication and information sciences; engineering; education; mathematics; statistics; and social, behavioral, and economic sciences. Proposals that advance the field of cybersecurity and privacy within a single discipline or interdisciplinary efforts that span multiple disciplines are each welcome.

Proposals must be submitted pursuant to one of the following designations, each of which may have additional restrictions and administrative obligations as specified in this program solicitation.

- **CORE:** This designation is the main focus of the SaTC research program, spanning the interests of NSF’s Directorates for Computer and Information Science and Engineering (CISE), Engineering (ENG), Mathematical and Physical Sciences (MPS), and Social, Behavioral and Economic Sciences (SBE).
- **EDU:** The Education (EDU) designation will be used to label proposals focusing entirely on cybersecurity education.
- **TTP:** The Transition to Practice (TTP) designation will be used to label proposals that are focused exclusively on transitioning existing research results to practice.
CORE and TTP proposals may be submitted in one of the following project size classes:

- Small projects: up to $500,000 in total budget, with durations of up to three years;
- Medium projects: $500,001 to $1,200,000 in total budget, with durations of up to four years;

EDU proposals are limited to $400,000 in total budget, with durations of up to three years.

**Full Proposal Due:** Proposals accepted anytime


**Faculty/Post-Doctoral Grant Program (Fahs-Beck Fellows)**

Grants of up to $20,000 are available to help support the research of faculty members or post-doctoral researchers affiliated with non-profit human service organizations in the United States and Canada. Areas of interest to the Fund are: studies to develop, refine, evaluate, or disseminate innovative interventions designed to prevent or ameliorate major social, psychological, behavioral or public health problems affecting children, adults, couples, families, communities, or studies that have the potential for adding significantly to knowledge about such problems. The research for which funding is requested must focus on the United States or Canada or on a comparison between the United States or Canada and one or more other countries.

**Full Proposal Due:** November 1.

For additional information visit: [https://www.fahsbeckfund.org/grant_programs.html](https://www.fahsbeckfund.org/grant_programs.html)

**2020 Culture of Health Prize**

The Robert Wood Johnson Foundation Culture of Health Prize elevates the compelling stories of community members throughout the country who are working together in new ways so that everyone can live their healthiest life possible, regardless of who they are or how much money they make. A Culture of Health recognizes that where we live—such as our access to affordable homes, quality schools, and reliable transportation—affects how long and how well we live. The Prize elevates the compelling stories of community members who are working together to transform neighborhoods, schools, businesses, and more—so that the opportunity for better health flourishes for all.

Applicant webinar on September 24 at 3:00 p.m. ET.

**Full Proposal Due:** November 04, 2019, 3:00 p.m. ET

For additional information visit: [https://www.rwjf.org/content/rwjf/en/library/funding-opportunities/2019/2020-culture-of-health-prize.html?rid=0034400001rm3hNAAQ&et_cid=1792456](https://www.rwjf.org/content/rwjf/en/library/funding-opportunities/2019/2020-culture-of-health-prize.html?rid=0034400001rm3hNAAQ&et_cid=1792456)

**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. The National Science Foundation (NSF) plays a leadership role in developing and implementing efforts to enhance and improve STEM education in the United States. Through the NSF Improving Undergraduate STEM Education (IUSE) initiative, the agency continues to make a substantial commitment to the highest caliber undergraduate STEM education through a Foundation-wide framework of investments. The program is open to application from all institutions of higher education and associated organizations. In pursuit of this goal, IUSE: EHR supports projects that seek to bring recent advances in STEM knowledge into undergraduate education, that adapt, improve, and incorporate evidence-based practices into STEM teaching and learning, and that lay the groundwork for institutional improvement in STEM education. In addition to innovative work at the frontier of STEM education, this program also encourages replication of research studies at different types of institutions and with different student bodies to produce deeper knowledge about the effectiveness and transferability of findings. IUSE: EHR also seeks to support projects that have high potential for broader societal impacts, including improved diversity of students.
and instructors participating in STEM education, professional development for instructors to ensure adoption of new and effective pedagogical techniques that meet the changing needs of students, and projects that promote institutional partnerships for collaborative research and development. IUSE: EHR especially welcomes proposals that will pair well with the efforts of NSF INCLUDES (https://www.nsf.gov/news/special_reports/nsfincludes/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 Description</th>
<th>Deadlines</th>
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<tbody>
<tr>
<td>Engaged Student Learning</td>
<td>Level 1: up to $300,000 for up to three years</td>
<td>February 4, 2020</td>
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<td>Level 2: $300,001 - $600,000 for up to three years</td>
<td>December 4, 2019</td>
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<td>Level 3: $600,001 - $2 million for up to five years</td>
<td>December 4, 2019</td>
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<tr>
<td>Institutional and Community Transformation</td>
<td>Capacity-Building: $150K (single institution) or $300K (multiple institutions) for up to two years</td>
<td>February 4, 2020</td>
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<tr>
<td></td>
<td>Level 1: up to $300,000 for up to three years</td>
<td>February 4, 2020</td>
</tr>
<tr>
<td></td>
<td>Level 2: $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>
</tbody>
</table>

Full Proposal Due: December 04, 2019 and February 4, 2020

For additional information visit: https://www.grants.gov/web/grants/search-grants.html

The Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA) program aims to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense (DOD) and National Security challenges and needs. In particular, this YFA will provide high-impact funding to elite researchers early in their careers to develop innovative new research directions in the context of enabling transformative DOD capabilities. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DOD and National Security issues. DARPA is particularly interested in identifying outstanding researchers who have previously not been performers on DARPA programs, but the program is open to all qualified applicants with innovative research ideas.

Full Proposal Due: November 19, 2019

For additional information visit: https://www.grants.gov/web/grants/view-opportunity.html?oppid=320056

Venture Well Faculty Grants provide up to $30,000 to help fund and support faculty with innovative ideas to create new or transform existing courses and programs to help students develop novel, STEM-based inventions and gain the necessary entrepreneurial skills needed to bring these ideas to market.

Successful grant proposals include:

- A focus on technology entrepreneurship
- Experiential learning by doing, and creative approaches to solving real world problems
- The formation of student teams focused on technology inventions with positive social and/or environmental impact
- A supportive entrepreneurial ecosystem for student teams to pursue commercialization
• A plan for continuation of the course or program after Venture Well funding.

Full Proposal Due: November 6, 2019
For additional information visit: https://venturewell.org/faculty-grants/