Research Funding Opportunities

Organization: NSF  
Solicitation Name: Principles Practices of Scalable Systems  
Due Date: Various in January 2021  
Summary: The aim of the Principles and Practice of Scalable Systems (PPoSS) program is to support a community of researchers who will work symbiotically across the multiple disciplines above to perform basic research on scalability of modern applications, systems, and toolchains. The intent is that these efforts will foster the development of principles that lead to rigorous and reproducible artifacts for the design and implementation of large-scale systems and applications across the full hardware/software stack. These principles and methodologies should simultaneously provide guarantees on correctness and accuracy, robustness, and security and privacy of systems, applications, and toolchains. Importantly, as described below, PPoSS specifically seeks to fund projects that span the entire hardware/software stack and will lay the groundwork for sustainable approaches for engineering highly performant, scalable, and robust computing applications.

Link:  

Organization: NSF  
Solicitation Name: Louis Stokes Alliances for Minority Participation  
Due Date: November 6, 2020  
Summary: The Louis Stokes Alliances for Minority Participation (LSAMP) program is an alliance-based program. The overall goal of the program is to assist universities and colleges in diversifying the nation's science, technology, engineering and mathematics (STEM) workforce by increasing the number of STEM baccalaureate and graduate degrees awarded to populations historically underrepresented in these disciplines: African Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders. The program seeks new learning and immediate diffusion of scholarly research into the field. Under this program, funding for STEM educational and broadening participation research activities could include research to develop new models in STEM engagement, recruitment and retention practices for all critical pathways to STEM careers or research on interventions such as mentoring, successful learning practices and environments, STEM efficacy studies, and technology use.

Link:  
Organization: NSF Solicitation Name: Improving Undergraduate STEM Education and Human Resources (IUSE-EHR) Due Date: Various August 4, 2020 and others December 1, 2020

Summary: 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.

Link:

COVID-19 FUNDING
https://research.usu.edu/rd/covid-19-related-funding/

Monica Kessel
Grant Development Manager
monica.kessel@usu.edu
(435) 797-7125
ENGR 413N