Engineering Research Transforming Our World

Research Funding Opportunities

Organization: NSF  
Solicitation Name: Research on Emerging Technologies for Teaching and Learning  
Due Date: January 25, 2021 and October 18, 2021  
Summary: The goal of the Research on Emerging Technologies for Teaching and Learning program is to support transformative research on advanced technologies for teaching and learning to educate a new generation of students, teachers, educators, and mentors to excel in highly technological and collaborative environments of the future. The scope of the program is wide-ranging, with special interest in diverse learner/educator populations, contexts, and content, including teaching and learning in science, technology, engineering, and mathematics (STEM) and in foundational areas that enable STEM (e.g., self-regulation, literacy, communication, collaboration, creativity, and socio-emotional skills). This program funds a broad range of projects across: Content area: to include STEM and other foundational areas supported by NSF that enable STEM learning and teaching (e.g., self-regulation, literacy, communication, collaboration, creativity, curiosity, and social skills). Population and context: to include learners, teachers, mentors, educators and other workers in formal or informal settings; and individual, collective, and collaborative learning and teaching across the lifespan. Link: [https://www.nsf.gov/pubs/2020/nsf20612/nsf20612.pdf](https://www.nsf.gov/pubs/2020/nsf20612/nsf20612.pdf)

Organization: NSF  
Solicitation Name: CRII  
Due Date: November 20, 2020  
Summary: The NSF Directorate for Computer and Information Science and Engineering (CISE) seeks to award grants intended to support research independence among early-career academicians who specifically lack access to adequate organizational or other resources. It is expected that funds obtained through this program will be used to support untenured faculty or research scientists (or equivalent) in their first three years in a primary academic position after the PhD, but not more than five years after completion of their PhD. Applicants for this program may not yet have received any other grants or contracts in the PI role from any department, agency, or institution of the federal government, including from the CAREER program or any other program, post-PhD, regardless of the size of the grant or contract, with certain exceptions as noted below. Link: [https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504952&org=NSF&sel_org=NSF&from=fund](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504952&org=NSF&sel_org=NSF&from=fund)

Organization: NASA  
Solicitation Name: Citizen Science Seed Funding  
Due Date: NOI October 13, 2020 and Full December 11, 2020  
Summary: The Citizen Science Seed Funding Program (CSSFP) Element of ROSES aims to support scientists and other experts to develop citizen science projects relevant to NASA’s Astrophysics, Heliophysics and Planetary Science Research Programs and proposals relevant to Biological and Physical Sciences will also be considered on a case by case basis. The CSSFP aims to advance the use of citizen science by incubating citizen science projects as they are being conceived or during critical transitions, like the year when they are first launched or beta tested (i.e., when the first group of volunteers is invited to try the project) or when the project changes scientific direction. CSSFP awards require relatively short proposals to encourage new proposers to experiment with citizen science techniques. Link: [https://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=780032/solicitationId=%7BBCEE336B-D550-CCBA-1C8C-7A866DB06F45%7D/viewSolicitationDocument=1/Amend%2052.pdf](https://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=780032/solicitationId=%7BBCEE336B-D550-CCBA-1C8C-7A866DB06F45%7D/viewSolicitationDocument=1/Amend%2052.pdf)