Engineering Research Transforming Our World

Research Funding Opportunities

**Organization:** NIH  
**Solicitation Name:** Enhancing Science, Technology, EnginEering, and Math Educational Diversity (ESTEEMED) Research Education Experiences (R25)  
**Due Date:** July 22, 2020  
**Summary:** The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research.

To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on:

- **Courses for Skills Development**
- **Research Experiences**

For undergraduate freshmen and sophomores from diverse backgrounds, including those from groups underrepresented in bioengineering or STEM fields relevant to bioengineering, such as engineering or the physical/computational sciences, which play key roles in biomedical technologies and innovation.


**Organization:** NSF  
**Solicitation Name:** Partnerships for Innovation  
**Due Date:** August 5, 2020  
**Summary:** PFI has five broad goals, as set forth by the American Innovation and Competitiveness Act of 2017 (“the Act”, S.3084 — 114th Congress; Sec. 602. Translational Research Grants): (1) identifying and supporting NSF-sponsored research and technologies that have the potential for accelerated commercialization; (2) supporting prior or current NSF-sponsored investigators, institutions of higher education, and non-profit organizations that partner with an institution of higher education in undertaking proof-of-concept work, including the development of technology prototypes that are derived from NSF-sponsored research and have potential market value; (3) promoting sustainable partnerships between NSF-funded institutions, industry, and other organizations within academia and the private sector with the purpose of accelerating the transfer of technology; (4) developing multi-disciplinary innovation ecosystems which involve and are responsive to the specific needs of academia and industry; (5) providing
professional development, mentoring, and advice in entrepreneurship, project management, and technology and business development to innovators.

Link: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504790

**Organization:** NASA  **Solicitation Name:** ROSES 2020  **Due Date:** Varied  **Summary:** In order to pursue NASA's strategic objectives, SMD research and technology development activities are organized into four Programs:  
• The Earth Science Research and Applied Sciences Program sponsors integrative research to advance knowledge of and to explore interactions among the major components of the Earth system — continents, oceans, atmosphere, ice, and life — to distinguish natural from human-induced causes of change and to understand and predict the consequences of change.  
• The Heliophysics Research Program sponsors research to understand the Sun and its interactions with the Earth and the Solar System, including space weather.  
• The Planetary Science Research Program sponsors research to explore the Solar System to study its origins and evolution, including the origins of life within it.  
• The Astrophysics Research Program sponsors research to explore the Universe beyond, from the search for planets to the origin, evolution, structure, and destiny of the Universe itself.

Link: https://www.grants.gov/web/grants/view-opportunity.html?oppId=327457

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

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