Limited Submission Opportunity

National Science Foundation: NSF Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM)

The solicitation is still under revision and will be distributed when it is released.

- **Limited submission internal deadline**: December 21, 2020 by close of business (see below for requirements)
- **Selection of applicants for full proposal submission**: No later than January 19, 2021
- **Internal proposal deadline**: TBD, dependent on the number of proposals
- **NSF proposal deadline**: March 31, 2021

Limit on Number of Proposals per Organization:

An Institution may submit one proposal (either as a single institution or as subawardee or a member of a Collaborative Research project) from each constituent school or college that awards degrees in an S-STEM eligible discipline.

Because it is anticipated that the new schools and college resulting from the campus reorganization will be in place by the time this award would be active, faculty should base their “constituent school or college” on the affiliation they expect to have after the reorganization is complete.

If you have questions regarding eligibility, please contact ospa@siu.edu to discuss before submitting a notification.

Interested applicants must submit the following information to ospa@siu.edu no later than close of business on Monday, December 21, 2020:

- Complete and Submit a Proposal Notification
- Complete and Submit a Limited Submission Form
- Submit a complete Pre-Proposal consisting of:
  - A project description describing the scope of the project, including a listing of the leadership and management team. Project must be led by a PI who is a STEM faculty member currently teaching in one of the S-STEM eligible disciplines and who is a member of the leadership and management team. The leadership and management team should also include a STEM administrator and an institutional, educational, or social science researcher.
  - 2-page curriculum vitae for the PI and each co-PI
  - A draft budget and the estimated number of scholarships to be provided

Program Overview

The National Science Foundation (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program addresses the need for a high quality STEM workforce in STEM disciplines supported by the program and for the increased success of low-income academically
talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in science, technology, engineering, and mathematics (STEM).

Recognizing that financial aid alone cannot increase retention and graduation in STEM, the program provides awards to Institutions of Higher Education (IHEs) to fund scholarships and to advance the adaptation, implementation, and study of effective evidence-based curricular and co-curricular activities that support recruitment, retention, transfer (if appropriate), student success, academic/career pathways, and graduation in STEM.

The program seeks to 1) increase the number of low-income academically talented students with demonstrated financial need obtaining degrees in S-STEM eligible disciplines and entering the workforce or graduate programs in STEM; 2) improve the education of future scientists, engineers, and technicians, with a focus on low-income academically talented students with demonstrated financial need; and 3) generate knowledge to advance understanding of how interventions or evidence-based curricular and co-curricular activities affect the success, retention, transfer, academic/career pathways, and graduation of low-income students in STEM.

Scholars must be low-income, academically talented students with unmet financial need who are enrolled in an associate, baccalaureate or graduate degree program, with a major in an S-STEM eligible discipline.

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<th>S-STEM Eligible Degree Programs</th>
<th>S-STEM Eligible Disciplines</th>
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<tr>
<td>Associate of Arts, Associate of Science, and Associate of Applied Science</td>
<td>Biological sciences (except medicine and other clinical fields)</td>
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<tr>
<td>Bachelor of Arts, Bachelor of Science, and Bachelor of Applied Science</td>
<td>Physical sciences (including physics, chemistry, astronomy, and materials science)</td>
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<td>Master of Arts and Master of Science</td>
<td>Mathematical sciences</td>
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<tr>
<td>Doctoral</td>
<td>Computer and information sciences</td>
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<td>Geosciences</td>
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<td>Engineering</td>
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<td>Technology fields associated with the disciplines above (e.g. biotechnology, chemical technology, engineering technology, information technology)</td>
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Note that programs in business schools that lead to Bachelor of Arts or Science in Business Administration degrees (BABA/BSBA) are not eligible for S-STEM funding. Proposers are strongly encouraged to contact Program Officers before submitting a proposal if they have questions concerning degree eligibility.
Program Tracks

The program supports three types of projects. Awards for Track 1 (Institutional Capacity Building) projects may not exceed $650,000 (SIU is NOT eligible for Track 1). Awards for Track 2 (Design and Development: Single Institution) projects may not exceed $1.0 million. Awards for Track 3 (Design and Development: Multi-Institutional Consortia) projects may not exceed $5.0 million. In all cases, the totals are inclusive of direct and indirect costs.

For Track 2 (Design and Development: Single Institution) projects, the Principal Investigator must be a faculty member currently teaching in an S-STEM eligible discipline who can provide the leadership required to ensure the success of the project. Projects involving more than one department within an institution are eligible, but a single Principal Investigator must accept overall management and leadership responsibility. Other members of the S-STEM senior project leadership and management team may be listed as Co-Principal Investigators.

For Track 3 (Design and Development: Multi-Institutional Consortia) projects, the Principal Investigator must be a faculty member currently teaching in an S-STEM eligible discipline or an institutional, educational, or social science researcher who can provide the leadership required to ensure the success of the project. A consortium project must have a Principal Investigator who accepts overall management and leadership responsibility. Other members of the S-STEM senior project leadership and management team may be listed as Co-Principal Investigators or PIs on collaborative research proposals.