

Appendix C: S-STEM Principal Investigator Survey (PI Survey)



S-STEM PI SURVEY PROGRAMMING NOTES

Programming notes (not to be displayed to respondents) will appear in BLUE or brown text throughout this document.

General guidelines:

Each screen of the survey should display one question at a time unless otherwise indicated.

Each screen should display a standard set of Navigation buttons: Go Back, Continue, Save & Return Later.

Default font should be Calibri, 11-point, regular black text.

Some items contain placeholders for fields that should be programmed to be auto-filled from the sample file for each respondent. These fields are enclosed in [brackets] and printed in brown.

Sample variables:

| | |
|---------------------|---|
| PI_FirstName | PI's first name |
| PI_LastName | PI's last name |
| Reference date | Date common to all respondents regardless of actual date of survey completion (e.g., March 1, 2013) |
| Name_Institution | Name of PI's institution |
| local_SSTEM_ProgABB | Institution-specific abbreviated name of S-STEM project (Default = "S-STEM") |
| Grant start date | Month and year that S-STEM grant was awarded |
| Academic term | Type of academic calendar used by grantee institution (e.g., semester, trimester, quarter) |
| Degree type | Associates or Bachelor's degree, depending on degree type indicated in monitoring data |



Welcome. You are receiving this survey because you are a **current or former** Principal Investigator of the ***Scholarships in Science, Technology, Engineering and Mathematics (S-STEM) project*** at [Name_Institution]. Abt Associates, an independent educational research firm in Bethesda, MD, is conducting this study on behalf of the National Science Foundation to help NSF better understand how S-STEM is being implemented on college campuses nationwide, including how projects deliver both financial and non-financial support to S-STEM scholarship recipients. This survey is part of a comprehensive evaluation study, the results of which will inform the S-STEM program at large. We estimate that it will take approximately 20 minutes to complete the survey.

Participation is voluntary. Deciding not to participate in this survey will have no affect on you or your institution's current or future support from NSF. We will not reveal to NSF whether you take the survey or not. You may skip questions on the survey or stop at any time. There are no physical risks and minimal other risks associated with your participation. In most studies like this one, there is a very minimal risk that your privacy might be violated and we have taken several steps to minimize this risk (see "Privacy"). You may not benefit directly from completing this survey, but your participation may benefit undergraduate students and institutions of higher education.

Privacy. Your responses to this survey are protected under the Privacy Act of 1974 (as amended 5 U.S.C.A. 552a). In files we use to analyze survey data, we will replace your name and email address with a Study ID number. After the survey period has ended, we will separate the answers you give to survey questions from information that could identify you or your institution. The link between your Study ID number, name, email address, name of your institution, and other identifying information will be stored in an encrypted "key file" separate from your survey responses. Reports based on this survey will never identify you or your institution individually, and information from the survey will be reported only in summary form across responses provided by all survey participants. When the study ends, we share with NSF survey data files with Study ID numbers and not individual or institutional names, email addresses or other information that could be used to identify any individual study participant or institution. At the conclusion of the study, we will destroy the encrypted key file that links you to your survey responses.

Questions. If you have questions about the study, please consult the [FAQs <link>](#) or feel free to contact the study director, Alina Martinez of Abt Associates Inc. at [<toll free number>](#) or by email at [<study-specific email address>](#). You may also contact the S-STEM program officer at NSF, [<name>](#) ([<email address>](#)). If you have questions about your rights as a research participant, you may contact Teresa Doksum, the Abt Institutional Review Board Administrator at (877) 520-6835 or by email at irb@abtassoc.com. This study's IRB approval number is #xxxx, valid from [mm/dd/yyyy](#) to [mm/dd/yyyy](#). To learn more about this study, please refer to the Frequently Asked Questions page [<insert link>](#).

Please scroll down.





Survey of NSF S-STEM Principal Investigators



Consent. Please click on “Begin” if you agree to participate in this survey. You may skip questions on the survey or stop at any time. If you stop partway through the survey, you can resume the survey at any time by clicking on the survey link sent to you. < [Begin button](#) >

This information collection meets the requirements of 44 U.S.C. § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is [xxxx-xxxx](#) (expires on [mm/dd/yyyy](#)). The time required to complete this information collection is estimated to average 20 minutes per response. If you have any comments concerning the accuracy of time estimates or suggestions for improving this form, please contact: <[Contracting Officer’s Representative](#)>, <[Address](#)>, National Science Foundation, Arlington, VA [ZZZZZ](#).



FAQs are Optional screens, displayed only if R clicks on FAQs button

FREQUENTLY ASKED QUESTIONS

- [Why are you doing this study?](#)
- [Why have I been selected to participate in this survey?](#)
- [How did you get my contact information?](#)
- [How long will this survey take to complete?](#)
- [How will you use my comments?](#)
- [Does this study have human subjects review clearance?](#)
- [Who is funding the study?](#)
- [Who are Abt Associates, Inc. and Abt SRBI?](#)

Why are you doing this study?

NSF is interested in learning about how S-STEM Principal Investigators are implementing their projects at their institutions. In particular, NSF would like to understand how PIs identify recruit, and support S-STEM scholarship recipients, including financial and non-financial support. The information collected in this survey will contribute to a broader study of the S-STEM program, which includes a survey of a sample of S-STEM scholarship recipients and site visits to selected S-STEM awardee institutions. The information collected in the study will help NSF identify needed improvements to the program and the evaluation will help NSF meet its responsibility to evaluate the effectiveness of its programs.

Why have I been selected to participate in this survey?

You have been selected to participate because we have identified you as a current or former Principal Investigator of an S-STEM award. In case we have mis-identified you, the first two survey items ask you to confirm (or disconfirm) your role as PI of an S-STEM award.

How did you get my contact information?

We identified you from records maintained by the National Science Foundation on S-STEM awardees and PIs.

How long will this survey take to complete?

We estimate that the survey will take about 20 minutes; it may take you less time depending on your responses.



How will you use my answers to survey questions?

Responses from all survey respondents will be used to answer questions about how S-STEM Principal Investigators implement their S-STEM projects. We will not reveal your individual responses to your institution nor will we share information that could identify a specific PI or a specific institution with NSF.

What happens if I don't answer this survey?

Participation in the survey is voluntary. We will not tell NSF which individual PIs or which S-STEM awardee institutions choose to participate or not in the PI survey. Study participation will not affect your current NSF funding or future applications to NSF for funding.

Has this study been reviewed and approved by a human subjects review board?

Yes, the study was approved by Abt Associates' Institutional Review Board. If you have any concerns about your participation in this survey, please contact Teresa Doksum, Institutional Review Board Chairperson at Abt Associates, at (877) 520-6835 or via email at irb@abtassoc.com.

Who is funding the study?

The study has been funded by the National Science Foundation under contract GS-10F-0086K. Abt Associates and our wholly-owned subsidiary, Abt SRBI, will conduct the study.

Who are Abt Associates, Inc. and Abt SRBI?

Abt Associates is an independent research firm headquartered in Cambridge, Massachusetts with offices in Bethesda, MD, Durham, NC, and Atlanta, GA. Abt SRBI is a wholly-owned subsidiary of Abt Associates specializing in large-scale data collection and public opinion research. NSF has contracted with us to conduct an evaluation of the S-STEM program, including a survey of S-STEM awardee PIs.

Who can I contact if I have additional questions?

We welcome additional questions about the purposes or administration of this study. If you have questions about the study, you can contact the project officer for the study of the National Science Foundation, Connie Della-Piana by emailing cdellapi@nsf.gov. You can also contact the study's project director, Dr. Alina Martinez of Abt Associates Inc. at (xxx) xxx-xxxx or [study_email_address@abtassoc.com](mailto:<study_email_address>@abtassoc.com).



Programmer note: all text below starting with “Module A: Verifying Information About You” through Item A2 should appear on same screen

Module A: Verifying Information about You

To begin, we’d like to confirm that we’ve reached the appropriate person.

- A1. According to our records, your name is [PI_FirstName PI_LastName]. Is this correct? Please mark one only.
- Yes, this is correct
 - No, my name has changed or my name is misspelled above. My name is: [textbox, 75]
 - No, I am not the person named above.

If A1 = 2 then LET PI_NAME = entered text. If A1=3 then SKIP TO EXIT MODULE. IF A1= . (missing), show text “Please provide an answer. It is necessary to confirm that we have reached the correct person.” If still missing, go to A2

- A2. Are you a current or former Principal Investigator (PI) of a National Science Foundation *Scholarships in Science, Technology, Engineering and Mathematics* (S-STEM) award? Please mark one only.
- Yes, current PI
 - Yes, former PI
 - No

If A2=3 SKIP TO EXIT MODULE and flag for follow-up by research team; if A2 = . (missing), show text, “Please provide an answer. It is necessary to confirm that we have reached the correct person.” If still missing, go to A3; else go to A3

- A3. On what type of calendar system does your institution operate? *Please mark one only.*
- Semester
 - Quarter
 - Trimester
 - Other (please specify): [textbox, 75]

Use the response selected to populate [Academic term] fields for remainder of survey



Module B: The Structure of your S-STEM project

First, we would like to know if the S-STEM project has a particular name at your institution.

B1. At your institution, do S-STEM scholarship recipients know the scholarship by a different name (i.e., other than “S-STEM”)? Please mark one only.

- ₁ Yes, a different name
- ₀ No, they know the name “S-STEM”

If B1=1, then B1a; else if B1=0 then B2a. If B1=missing, show text “Please select an answer.” If still missing, go to B1a.

B1a. Please enter **BOTH** the full name of your institution’s S-STEM scholarship and its acronym (if applicable)

B1a._1: Full name of my institution’s S-STEM scholarship: [textbox, 75]

B1a._2: Common acronym or abbreviation for this project: [textbox, 75]

If B1 =0 then let local_SSTEM_ProgABB be unchanged. Else if B1=1 then use acronym/abbreviation for remainder of local_SSTEM_ProgABB entries. If acronym box is missing then let local_SSTEM_ProgABB = ‘project name’ text entry from B1a_1; if B1a_1 AND B1a_2 are missing then let local_SSTEM_ProgABB = “S-STEM scholarship program”



B2a(i). Is your [local_SSTEM_ProgABB] funded solely by the NSF S-STEM grant (including any continuation funding for this grant), or by additional external or institutional funding? Please mark one only.

₁ Solely by the NSF S-STEM grant

₂ Additional funding (please identify the name of each source of additional funding in a separate row):

B2a_(i) [textbox, 150]

B2a_(ii) [textbox, 150]

B2a_(iii) [textbox, 150]

If you need additional rows, how many do you need?

More rows needed (enter number): [accepts numerical values 0 to 9]

For each additional row needed, assign a variable of the form B2a_(j) where j= iv to iv+value, e.g., B2a_(iv), B2a_(v), ... , B2a_(xiii)]

If B2a=1, go to B2b; else If B2a=2 checked then display:

B2a(ii). What approximate proportion of [local_SSTEM_ProgABB] does each funding source cover? (please indicate percentage; total should sum to 100%)

NSF S-STEM award []%

[textbox from B2a_(i) []%

[textbox from B2a_(ii)] []%

[textbox from B2a_(iii)] []%

Include a row for each additional textbox in B2a_(j)

Display total across rows (B2a_(j)). Check that total sums to 100. If total ne 100, show text "the total does not sum to 100. Please adjust your responses so that the total equal 100%."



B3a. Was this S-STEM grant awarded to your institution ([Name_Institution]) only or is it shared between two (or more) institutions of higher education? Please mark one only.

- My institution only ([Name_Institution])
- 2 or more institutions

If B3a=2 then B3b; else B4

B3b. Please list the other institution(s) of higher education that are co-awardees of this S-STEM grant. Please also give the name of the PI (or co-PI) at each co-awardee institution: **[Fill in from monitoring system data where applicable]**

- 1a. Co-awardee institution: [textbox, 75]
- 1b. Name of PI/co-PI at co-awardee: [textbox, 75]

- 2a. Co-awardee institution: [textbox, 75]
- 2b. Name of PI/co-PI at co-awardee: [textbox, 75]

Provide option to allow user to enter up to 5 co-awardee institutions



B4. As of the week of [Reference Date], how many **faculty** (including yourself as PI) at your institution contribute to the planning, administration, oversight, or operation of the S-STEM project? If individual faculty fulfill multiple roles, please count them under ONE role only in the table below.

| | Enter Whole Number: |
|--|---------------------|
| a. How many faculty serve as an S-STEM PI or co-PI at your institution: | |
| b. How many other faculty (not including PI or co-PIs) serve a role in planning, administration, oversight, or operation of your S-STEM project: | |
| TOTAL # OF FACULTY: | Auto-sum |



B5. Below is a list of NSF awards that may contribute, directly or indirectly, to the recruitment and retention of undergraduates in STEM disciplines. Since [Reference Month] 2001, has your institution received any of the following NSF grants? Please select grants even if they are no longer active. Please mark all that apply.

- ATE (Advanced Technological Education) **display for 2-year IHEs only**
- STEP (Science, Technology, Engineering, and Mathematics Talent Expansion Program)
- LSAMP (Louis Stokes Alliances for Minority Participation)
- NOYCE (Robert Noyce Teacher Scholarship Program)
- C-PATH (CISE Pathways to Revitalized Undergraduate Computing Education)
- CCLI/TUES (Course Curriculum and Laboratory Improvement Program; renamed Transforming Undergraduate Education in Science)
- CREST: Centers for Research Excellence in Science and Technology
- HBCU-RISE: Research Infrastructure in Science and Engineering
- NSF-HBCU-UP (Historically Black Colleges and Universities Undergraduate Program)
- NSF-REU Site Award (Research Experiences for Undergraduates Site Award)
- NSF-RUI (Research at Undergraduate Institutions) or ROA (Research Opportunity Award)
- Federal Cyber Service/Scholarship for Service program
- NUE (Nanotechnology Undergraduate Education in Engineering)
- REE (Research in Engineering Education)
- ERC or MRSEC (Engineering Research Center or Materials Research Science and Engineering Center)
- None of the above
- Other NSF awards (please specify up to three other NSF awards that contribute to recruitment and retention of undergraduates in STEM disciplines. The next question asks about any funding from sources **other than NSF** that might contribute to recruitment and retention of undergraduates in STEM disciplines):

[textbox1, 150]

[textbox2, 150]

[textbox3, 150]



- B6. To the best of your knowledge, does your institution have funding from sources **other than NSF** that support the recruitment and retention of students in STEM fields? Please mark one only.
- Yes
 - No

[If B6=yes then go to B6a; If B6=no then go to C1]

- B6a. For each funding source **other than NSF** that supports the recruitment and retention of students in STEM fields, please identify funding organization and the name of the grant or funding program:

[Start with below and provide option to allow user to enter up to 10 programs/sponsors]

1a. Name of funding organization: [textbox, 150]

1b. Name of grant or program: [textbox, 150]

2a. Name of funding organization: [textbox, 75]

2b. Name of grant or program: [textbox, 75]

3a. Name of funding organization: [textbox, 75]

3b. Name of grant or program: [textbox, 75]



B7. Did [Name_Institution] leverage receipt of your S-STEM grant to obtain other external grant funding or institutional support for recruiting and retaining students in STEM fields? Please mark one only.

- Yes (Please explain): [textbox, 1000]
- No
- Don't know



Module C: Recruitment and Selection of S-STEM Scholarship Recipients

- C1. How are potential scholarship recipients recruited or otherwise identified by your [local_SSTEM_ProgABB]? Please mark all that apply.
- [local_SSTEM_ProgABB] works with [Name_Institution]'s **admissions and/or financial aid** office to identify current students who may be candidates for [local_SSTEM_ProgABB] scholarship funding
 - [local_SSTEM_ProgABB] works with **other campus office(s)** to identify incoming freshmen or current students who may be candidates for [local_SSTEM_ProgABB] scholarship funding (Please specify the other offices): [textbox, 300]
 - Faculty notify the PI, co-PI, or [local_SSTEM_ProgABB] coordinator/administrator directly about individual students who may be candidates for [local_SSTEM_ProgABB] scholarship funding
 - Information on [local_SSTEM_ProgABB] is provided during outreach events targeting high school students or incoming first-year students
 - Information on [local_SSTEM_ProgABB] is provided during outreach events targeting community college students [4-year IHEs only]
 - [local_SSTEM_ProgABB] is highlighted during [Name_Institution]'s new student orientation
 - Other (please specify): [textbox, 300]



C1a. Within the past academic year (2012-2013), how would you characterize the success of your [local_SSTEM_ProgABB] recruitment activities?

- Less successful than anticipated
- About as successful as anticipated
- More successful than anticipated

[If C1a=1 go to C1b; else go to C2]

C1b. What do you think is the reason for these recruitment difficulties?

- There do not seem to be enough academically qualified students at [Name_Institution]
- There do not seem to be enough students with financial need at [Name_Institution]
- There do not seem to be enough students interested or already in the major(s) affiliated with [local_SSTEM_ProgABB]
- We have had a hard time disseminating information about [local_SSTEM_ProgABB]
- Students choose other scholarship options that don't have as many eligibility requirements as does [local_SSTEM_ProgABB]
- Other (please specify): [textbox, 300]



C2a. In addition to students’ financial need and full-time enrollment status, which of the following criteria do you use to **select** [local_SSTEM_ProgABB] scholarship recipients? Please mark yes or no for each item.

| Criteria used to SELECT [local_SSTEM_ProgABB] scholarship recipients? | Yes | No |
|--|-----------------------|-----------------------|
| 1=Type of high school coursework completed (e.g., math and science) | <input type="radio"/> | <input type="radio"/> |
| 2=High school grade point average | <input type="radio"/> | <input type="radio"/> |
| 3=Type of undergraduate coursework completed (e.g., math and science) | <input type="radio"/> | <input type="radio"/> |
| 4=Undergraduate cumulative grade point average (all courses) | <input type="radio"/> | <input type="radio"/> |
| 5=Undergraduate grade point average <u>in STEM courses</u> | <input type="radio"/> | <input type="radio"/> |
| 6=Standardized test scores (SAT, ACT, other) | <input type="radio"/> | <input type="radio"/> |

C2b. Do you use any of these other kinds of criteria to **select** [local_SSTEM_ProgABB] scholarship recipients? Please mark yes or no for each item.

| Criteria used to SELECT [local_SSTEM_ProgABB] scholarship recipients? | Yes | No |
|---|--------------------------|-----------------------|
| 7=Letter(s) of recommendation | <input type="radio"/> | <input type="radio"/> |
| 8=Candidate’s personal statement(s) | <input type="radio"/> | <input type="radio"/> |
| 9=Candidate’s employment or internship experience(s) | <input type="radio"/> | <input type="radio"/> |
| 10=In-person interview with candidate | <input type="radio"/> | <input type="radio"/> |
| 11=Informal recommendation by a member(s) of the faculty | <input type="radio"/> | <input type="radio"/> |
| 12=Other (please specify): [textbox, 300] | <input type="checkbox"/> | |



C3. Below is a list of STEM fields. To be eligible to receive [local_SSTEM_ProgABB] scholarship funding at [Name_Institution], in which of the following fields must a student pursue an academic major? Please mark all fields that apply.

- 1 = Agriculture, Agriculture Operations, and Related Sciences
- 3 = Natural Resources and Conservation
- 399=Natural resources, Other
- 4 = Architecture and Related Services
- 5 = Area, Ethnic, Cultural and Gender Studies
- 9 = Communication, Journalism, and Related Programs
- 10 = Communications Technologies/Technicians and Support Services
- 11 = Computer and Information Sciences and Support Services
- 12 = Personal and Culinary Services (e.g., includes Cosmetology, Funeral Services)
- 13 = Education
- 14 = Engineering
- 15 = Engineering Technologies/Technicians
- 16 = Foreign Languages, Literatures, and Linguistics
- 19 = Family and Consumer Sciences/Human Sciences
- 22 = Legal Professions and Studies
- 23 = English Language and Literature/Letters
- 25 = Library Science
- 26 = Biological and Biomedical Sciences
- 27 = Mathematics and Statistics
- 28 = Military science/leadership/operational art
- 29 = Military technologies/applied sciences
- 30 = Multi/Interdisciplinary Studies
- 31 = Parks, Recreation, Leisure and Fitness Studies
- 38 = Philosophy and Religious Studies

- 39 = Theology and Religious Vocations
- 40 = Physical Sciences
- 41 = Science Technologies/Technicians
- 42 = Psychology
- 43 = Security, Law enforcement, Homeland security, Protective Services
- 4301 = Criminal Justice
- 44 = Public administration/social service
- 4506 = Economics
- 4507 = Geography
- 4509 = International Relations and Affairs
- 4510 = Political Science and Government
- 4511 = Sociology
- 4599 = Social sciences, Other
- 46 = Construction Trades
- 47 = Mechanic and Repair Technologies/Technicians
- 48 = Precision Production
- 49 = Transportation and Materials Moving
- 50 = Visual and Performing Arts
- 51 = Health Professions and Related Clinical Sciences
- 52 = Business, Management, Marketing, and Related Support Services
- 54 = History
- 60 = Residency Programs
- 98 = Not in a degree program
- 99 = Undeclared
- 9999 = Other major not listed



C4. Does your [local_SSTEM_ProgABB] project focus its recruitment efforts on, or give priority for scholarship funding to particular types of students? Please mark all that apply in each columns. Note: The S-STEM program does NOT require institutions to give preference to any of the following groups, but institutions may choose to do so.

| Types of students | Recruitment efforts focus on | No specific recruitment efforts but selection priority given to |
|--|------------------------------|---|
| Female | <input type="checkbox"/> | <input type="checkbox"/> |
| Racial/ethnic groups traditionally underrepresented in STEM fields | <input type="checkbox"/> | <input type="checkbox"/> |
| High school students | <input type="checkbox"/> | <input type="checkbox"/> |
| Freshmen | <input type="checkbox"/> | <input type="checkbox"/> |
| Sophomores | <input type="checkbox"/> | <input type="checkbox"/> |
| Juniors | <input type="checkbox"/> | <input type="checkbox"/> |
| Seniors | <input type="checkbox"/> | <input type="checkbox"/> |
| Students transferring from a 2-year institution [4-yr IHEs only] | <input type="checkbox"/> | <input type="checkbox"/> |
| Students transferring to a 4-year bachelor's degree program [2-yr IHEs only] | <input type="checkbox"/> | <input type="checkbox"/> |
| U.S. veterans/military | <input type="checkbox"/> | <input type="checkbox"/> |
| Persons with disabilities | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (please specify): [textbox, 75] | | |



C5. In order to be considered for [local_SSTEM_ProgABB], do prospective scholarship recipients complete a formal application?

- Yes
- No

[If C5=yes go to C5a; If C5= no, go to C6]

C5a. On average, what percentage of students who **apply** for [local_SSTEM_ProgABB] are awarded a scholarship?

- Students do not formally apply for [local_SSTEM_ProgABB] scholarship funding
- Less than 20%
- 21 to 40%
- 41 to 60%
- 61 to 80%
- 81 to 95%
- More than 95%

After C5a, go to C7



- C6. On average, what percentage of students who are **eligible** for [local_SSTEM_ProgABB] are awarded a scholarship?
- Less than 20%
 - 21 to 40%
 - 41 to 60%
 - 61 to 80%
 - 81% to 95%
 - More than 95%
- C7. When do **most** students who receive an S-STEM scholarship begin participation in [local_SSTEM_ProgABB]? Please mark one only.
- Freshman year
 - Sophomore year
 - Junior year [4-year IHEs only]
 - Senior year [4-year IHEs only]
 - Other (Please specify): [textbox, 150]



C8. On average, how many **first-ever** [local_SSTEM_ProgABB] scholarships do you award **per academic year**? (Please do not include students receiving a second, third, etc. consecutive year of support in this total.)

- 1-4
- 5-9
- 10-14
- 15-19
- 20 or more

C9. For how many [Academic term]s does a scholarship recipient **typically** receive [local_SSTEM_ProgABB] scholarship funding? Please mark one only.

- | | |
|--|---|
| <input type="radio"/> 1 [Academic term]s | <input type="radio"/> 9 [Academic term]s |
| <input type="radio"/> 2 [Academic term]s | <input type="radio"/> 10 [Academic term]s |
| <input type="radio"/> 3 [Academic term]s | <input type="radio"/> 11 [Academic term]s |
| <input type="radio"/> 4 [Academic term]s | <input type="radio"/> 12 [Academic term]s |
| <input type="radio"/> 5 [Academic term]s | <input type="radio"/> 13 [Academic term]s |
| <input type="radio"/> 6 [Academic term]s | <input type="radio"/> 14 [Academic term]s |
| <input type="radio"/> 7 [Academic term]s | <input type="radio"/> 15 [Academic term]s |
| <input type="radio"/> 8 [Academic term]s | <input type="radio"/> 16 [Academic term]s |
- Other (please specify): [textbox, 75]



C10. **On average**, how much [local_SSTEM_ProgABB] scholarship money does the typical scholar receive each [Academic term] (or per academic year)? (Enter the dollar amount and choose the appropriate timeframe.)

\$__per [Academic term] year

C11. What is the maximum dollar amount of [local_SSTEM_ProgABB] scholarship per [Academic term] (or per academic year) that a student may receive? (Enter the dollar amount and choose the appropriate timeframe.)

\$__per [Academic term] year

There is no maximum



- C12. In addition to having financial need and attending school full-time, what is required of scholarship recipients to **continue receiving** support from [local_SSTEM_ProgABB]? Please mark all that apply.
- Maintain major in a STEM department (or other approved major, e.g., independent or interdisciplinary major incorporating STEM courses)
 - Maintain minimum GPA
 - Successfully complete one or more required courses
 - Participate in minimum number of [local_SSTEM_ProgABB] activities/events
 - Attend minimum number of meetings per year with a faculty advisor or mentor
 - Work less than a certain number of hours per week (Please indicate hours): [textbox, 25]
 - None of the above
 - No requirements
 - Other (please specify): [textbox, 300]



C13. Have any **students** who were awarded a [local_SSTEM_ProgABB] scholarship ever **turned down** the scholarship?

- Yes
- No

If C13= Yes or missing then go to C13a; else go to D1]

C13a. What reasons did student(s) give for turning down the scholarship? Please mark all that apply.

- Student changed mind about majoring in a STEM discipline
- Student said that accepting the scholarship would cause him/her to lose other sources of financial aid
- Student instead chose to accept another scholarship/grant because they said it provided a greater proportion of their financial need
- Student did not like the [local_SSTEM_ProgABB] requirements for participation (e.g., participation in certain events, activities, etc.)
- I don't know the reason(s)
- Student(s) gave no reason(s)
- Other (please specify): [textbox, 300]



Module D: Non-Financial Support of S-STEM Scholarship Recipients

D1. Does [local_SSTEM_ProgABB] provide scholarship recipients with a designated faculty advisor **other than** any faculty advisor assigned by a student's home department or by the college/university at large?

- Yes, all scholarship recipients have a designated [local_SSTEM_ProgABB] faculty advisor
- No, scholarship recipients do not have a faculty advisor specific to [local_SSTEM_ProgABB]

[If D1=Yes go to D1a; else go to D2]

D1a. About how frequently are scholarship recipients encouraged or required to meet with their [local_SSTEM_ProgABB] faculty advisor? Please mark one only.

- About once per week
- About twice per month
- About once per month
- About once or twice per [Academic term]
- About once or twice per academic year
- Recipients choose how frequently to meet



D2. Does [local_SSTEM_ProgABB] intentionally cluster scholarship recipients such that students are required to take a common set of courses together?

- Yes
- No

[If D2=yes then go to D2a; else go to D3]

D2a. Which type or types of courses are [local_SSTEM_ProgABB] scholarship recipients required to take together as a group? Please mark all that apply.

- Introductory mathematics course(s)
- Introductory science or engineering course (s)
- Core courses in their major
- Seminar(s) specifically designed for [local_SSTEM_ProgABB] scholarship recipients
- Seminar(s) NOT specifically designed for [local_SSTEM_ProgABB] scholarship recipients
- Other course(s): (please specify): [textbox, 150]



D3. Does [local_SSTEM_ProgABB] offer scholarship recipients peer mentoring or peer tutoring services?

- Yes
- No

If D3=Yes, go to D3a, else go to D4

D3a. Does peer mentoring/tutoring take place one-on-one or in small or large groups? Check all that apply.

- One-on-one
- Groups of 2 to 4 students working with a peer mentor/tutor
- Groups of 5 to 7 or more students working with a peer mentor/tutor
- Groups of 8 or more students working with a peer mentor/tutor

D3b. How frequently are scholarship recipients encouraged or required to meet with their peer mentor/tutor?

- About once per week
- About twice per month
- About once per month
- About once or twice per [Academic term]
- About once or twice per academic year
- Recipients choose how frequently to meet



Survey of NSF S-STEM Principal Investigators



D4. Are any of the following academic/professional development activities available to [local_SSTEM_ProgABB] scholarship recipients, and if so, are scholarship recipients required to utilize them, strongly encouraged but not required, or is it voluntary? Please mark all that apply. **[For each row, only display Columns 3,4 if activity marked “Yes” in Column 2=“Available?”]**

| Activity or Opportunity | Available to scholarship recipients? | Scholarship recipients are REQUIRED to participate | Scholarship recipients are STRONGLY ENCOURAGED (but not required) to participate | Participation is VOLUNTARY for scholarship recipients |
|---|---|--|--|---|
| Lectures, colloquia, or research seminars on STEM topics (not for credit) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Student chapters of professional associations (e.g., American Chemical Society, Society of Women Engineers, etc.) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Opportunities to conduct hands-on or laboratory research with a faculty member or graduate student in a STEM discipline | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Learning community, study group, or other student group for academic support or enrichment | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Internships in STEM-related industry/business | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Opportunities to attend STEM professional or student conferences | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Other (Please specify): [textbox, 75] | <input type="checkbox"/> Yes | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

[Provide option to add additional “Other” rows]



Survey of NSF S-STEM Principal Investigators



D5. Are any of the following campus support services available to [local_SSTEM_ProgABB] scholarship recipients and, if so, does [local_SSTEM_ProgABB] directly collaborate with such offices/services to support scholarship recipients? Are scholarship recipients strongly encouraged to utilize these services or is it voluntary? Please mark all that apply. **[Only show Columns 3-5 if activity marked “Yes” in Column 2=“Available”]**

| Support Services | Available to scholarship recipients? | [local_SSTEM_ProgABB] directly collaborates with this office/service | Scholarship recipients are STRONGLY ENCOURAGED to utilize services | Participation is VOLUNTARY for scholarship recipients |
|--|---|--|--|---|
| Course(s)/seminar(s) designed to aid in the college transition (i.e., from high school to college) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Learning support center for math and science coursework | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Learning support center for writing coursework | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Academic support center that targets underrepresented students (e.g., racial/ethnic minority, low-income, first generation to college) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Support center that offers guidance and/or resources for prospective transfer students [2-year IHEs only] | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Support center that offers guidance and/or resources for incoming transfer students [4-year IHEs only] | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Advising center that offers guidance and resources for graduate school application | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Career center that offers services such as career counseling/workshops and job placement | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |
| Other (please specify): [textbox, 75] | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="radio"/> | <input type="radio"/> |



D6. At your institution, does coordination exist between the S-STEM project and the other NSF- or non-NSF-funded campus initiatives to recruit and retain students in STEM occur at your institution? *Check all that exist*

- Some of the same faculty (and staff) are involved in the oversight and administration of S-STEM are also involved in other STEM initiatives on campus;
- S-STEM scholarship recipients are encouraged to participate in activities sponsored or supported by these other initiatives
- S-STEM scholars can receive additional financial support from these other initiatives
- S-STEM scholars have access to resources, equipment that are partially or fully funded by these other initiatives
- S-STEM scholarship recipients have educational opportunities that might not exist without these other initiatives
- S-STEM scholarship recipients have access to support services that might not exist without these other initiatives
- Other coordination: Please specify: [textbox]



Module E: Scholarship Recipient Outcomes

E1. What percent of **current and former** [local_SSTEM_ProgABB] scholarship recipients are currently (as of [Reference date]) enrolled in a STEM major at [Name_Institution]?

Percent: ____
 Don't know

If Don't know is checked, Item E1a appears:

E1a. Does [local_SSTEM_ProgABB] collect data on:

| | Yes | No | Don't Know |
|--|-----|----|------------|
| The percent of current [local_SSTEM_ProgABB] scholarship recipients enrolled in a STEM major at your institution? | | | |
| The percent of former [local_SSTEM_ProgABB] scholarship recipients enrolled in a STEM major at your institution? | | | |

E2. What percent of **current and former** [local_SSTEM_ProgABB] scholarship recipients have graduated with [Degree type] degree in a STEM major?

Percent: ____
 Don't know

If Don't know is checked, Item E2a appears:

E2a. Does [local_SSTEM_ProgABB] collect data on:

| | Yes | No | Don't Know |
|--|-----|----|------------|
| The percent of current [local_SSTEM_ProgABB] scholarship recipients who have graduated with [Degree type] degree in a STEM major? | | | |
| The percent of former [local_SSTEM_ProgABB] scholarship recipients who have graduated with [Degree type] degree in a STEM major? | | | |



[Item E3 is for 2-year IHEs only]

E3 What percent of **former** [local_SSTEM_ProgABB] scholarship recipients have transferred to a four-year Bachelor’s degree program?

Percent: ____

Don't know

If Don't know is checked, Item E3a appears:

E3a. Does [local_SSTEM_ProgABB] collect data on:

| | Yes | No | Don't Know |
|--|-----|----|------------|
| The percent of former [local_SSTEM_ProgABB] scholarship recipients who have transferred to a four-year Bachelor’s degree program? | | | |



E4. What percentage of **former** [local_SSTEM_ProgABB] scholarship recipients have pursued graduate study in STEM?

Percent: ____
 Don't know

If Don't know is checked, Item E4a appears:

E4a. Does [local_SSTEM_ProgABB] collect data on:

| | Yes | No | Don't Know |
|--|-----|----|------------|
| The percent of former [local_SSTEM_ProgABB] scholarship recipients who have pursued graduate study in STEM? | | | |

E5. What percentage of **former** [local_SSTEM_ProgABB] scholarship recipients are currently working in STEM occupations?

Percent: ____
 Don't know

If Don't know is checked, Item E5a appears:

E5a. Does [local_SSTEM_ProgABB] collect data on:

| | Yes | No | Don't Know |
|--|-----|----|------------|
| The percent of former [local_SSTEM_ProgABB] scholarship recipients who are currently working in STEM occupations? | | | |



Module F: Additional Comments

F1. If there is anything else we should know about your S-STEM award and the operation of [local_SSTEM_ProgABB], please add it here:
[textbox, 1,500]

Submit Survey [button takes respondent to Thank you Screen.](#)



EXIT SCREEN

If we have identified the wrong respondent or have erroneous information, display this screen and FLAG this respondent for Abt follow-up (weekly basis)

Please accept our apology.

The information you supplied suggests that you are not eligible to participate in this study or that we have reached you in error. We regret any inconvenience to you. If you have any questions about this study or you would like to make a comment, please contact one of the following individuals:

- Dr. Alina Martinez, Study Director at Abt Associates: (xxx) xxx-xxxx or [study_email_address@abtassoc.com](mailto:<study_email_address>@abtassoc.com)
- Connie Della-Piana, S-STEM Program Evaluation Officer at the National Science Foundation: cdellapi@nsf.gov

May we have permission to contact you by email in order to clarify your responses here? Answering “yes” does not obligate you to answer any questions.

- Yes, you may contact me. My preferred email address is: [textbox 150]
- No, please do not contact me.

Thank you very much.



THANK YOU SCREEN

Conclusion

Thank you for completing this survey. If you have any general comments about the survey, please write them below.

[Textbox, 2500]

SUBMIT SURVEY

If you have any questions about this study or you would like to make a comment, please contact Dr. Alina Martinez, Study Director at Abt Associates: : (xxx) xxx-xxxx or [study_email_address@abtassoc.com](mailto:<study_email_address>@abtassoc.com)

You may also contact Dr. Connie Della-Piana, who is overseeing this study at the National Science Foundation at cdellapi@nsf.gov

Thank you for your assistance. We greatly appreciate your time and consideration.

Your responses are very important to the National Science Foundation in understanding the impact of scholarships and additional student support services funded by the S-STEM program. We appreciate the time you have taken to complete the survey. Your responses will be used to improve the S-STEM program and to provide a better understanding of financial support for talented STEM majors and graduates.