



Internship Applicants & Awardees Survey

As a former NASA internship applicant and/or awardee, you have been randomly selected to participate in a pilot study that will help NASA understand the long-term outcomes of our internship program and help us improve the program for future researchers and explorers.

As a participant in this pilot study, we are asking you to complete this brief questionnaire. At the end the questionnaire, you will be asked to provide feedback about the clarity of the questions and the amount of time it took you to complete the survey. Therefore, please note the time you begin the survey in order to provide an accurate estimate of how long the survey took you to finish. Your responses to these questions will help us improve the questionnaire for future studies.

We sincerely appreciate your help!

If you wish to participate in this pilot study, please select “Yes, I agree to participate in this survey” below to continue to the next page.

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Management and Budget (OMB) control number. The OMB control number for this collection is 2700-0159 and expires 06/30/2021. We estimate that it will take 10 minutes to read the instructions and answer the questions. Send only comments relating to this time estimate to: richard.l.gilmore@nasa.gov.



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Please enter your 6-digit survey response code:



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1. Were you working for pay or profit during the week of February 1, 2019?

Working includes being a student on paid work-study, self-employed and did not get paid that week, on vacation from work, traveling while employed, on personal leave, paid sick leave, or other temporary leave.

- 1 Yes
2 No

2. Using the JOB CATEGORY list below, choose the code that best describes the last job you held prior to the week of February 1, 2019.

JOB CATEGORY			
If you cannot find the code that best describes your job, use the "OTHER" code under the most appropriate broad category. If none of the codes fit your job, use Code 500.			
• Biological/Life Scientists	021 Agricultural and food scientists 022 Biochemists and biophysicists 023 Biological scientists (e.g., botanists, ecologists, zoologists) 024 Forestry and conservation scientists	025 Medical scientists (excluding practitioners) 026 Technologists and technicians in the biological/life sciences 027 OTHER biological and life scientists	
• Clerical/Administrative Support Occupations	031 Accounting clerks and bookkeepers 032 Secretaries, receptionists, typists	033 OTHER administrative (e.g., record clerks, telephone operators)	
• Clergy/Other Religious Workers	040 Clergy and other religious workers		
• Computer Occupations Also consider 173 Operations research analysts, including modeling	*** Computer engineers – also consider 087 Computer engineers – hardware and 088 Computer engineers – software 051 Computer & information scientists, research 052 Computer network architect 053 Computer programmers (business, scientific, process control) 054 Computer support specialists 055 Computer system analysts	056 Database administrators 057 Information security analysts 058 Network and computer systems administrators 059 Software developers – applications and systems software 060 Web developers 061 OTHER computer and information science occupations	
• Consultants	Find the category on page 17 or 18 that comes closest to your field of consulting and select the code		
• Counselors	070 Counselors (Educational, vocational, mental health and substance abuse) Also consider 236 Psychologists, including clinical		
• Engineers/Architects Also consider 100 to 104 under Engineering Technologists, Technicians and Surveyors	081 Architects 082 Aeronautical/aerospace/astronautical engineers 083 Agricultural engineers 084 Bioengineers or biomedical engineers 085 Chemical engineers 086 Civil, including architectural/sanitary engineers 087 Computer engineers – hardware 088 Computer engineers – software 089 Electrical and electronics engineers	090 Environmental engineers 091 Industrial engineers 092 Marine engineers and naval architects 093 Materials and metallurgical engineers 094 Mechanical engineers 095 Mining and geological engineers 096 Nuclear engineers 097 Petroleum engineers 098 Sales engineers 099 OTHER engineers	
• Engineering Technologists/Technicians/Surveyors	100 Electrical, electronic, industrial, and mechanical technicians 101 Drafting occupations, including computer drafting 102 Surveying and mapping technicians	103 OTHER engineering technologists and technicians 104 Surveyors, cartographers, photogrammetrists	
• Farmers/Foresters/Fishermen	110 Farmers, foresters and fishermen		
• Health Occupations	111 Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians) 112 Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners	236 Psychologists, including clinical – Also consider 070 Counselors 113 Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians) 114 OTHER health occupations	
• Lawyers/Judges	120 Lawyers, judges		
• Librarians/Archivists/Curators	130 Librarians, archivists, curators		
• Managers and Supervisors, First-Line	Find the category on page 17 or 18 that best describes the occupation of the people you manage and select the code		
• Managers, Top-level Executives/Administrators	141 Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)		
• Managers, Other People who manage other managers	142 Computer and information systems managers 143 Engineering managers 144 Medical and health services managers 145 Natural sciences managers 146 Education administrators (e.g., registrar, dean, principal) 147 OTHER mid-level managers		



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JOB CATEGORY (Continued)			
• Management-Related Occupations <i>Also consider 142 to 147 under Managers, Other</i>	151 Accountants, auditors, and other financial specialists 152 Personnel, training, and labor relations specialists	153 OTHER management related occupations	
• Mathematical Scientists	171 Actuaries 172 Mathematicians 173 Operations research analysts, including modeling	174 Statisticians 175 Technologists and technicians in the mathematical sciences 176 OTHER mathematical scientists	
• Physical Scientists	191 Astronomers 192 Atmospheric and space scientists 022 Biochemists and biophysicists 193 Chemists, except biochemists 194 Geologists, including earth scientists	195 Oceanographers 196 Physicists, except biophysicists 197 Technologists and technicians in the physical sciences 198 OTHER physical scientists	
• Research Associates/ Assistants	<i>Find the category on page 17 or 18 that comes closest to your research field and select the code</i>		
• Sales/Marketing Occupations	200 Insurance, securities, real estate, and business services 201 Sales occupations – commodities except retail (e.g., industrial machinery/equipment/ supplies, medical and dental equip./supplies)	202 Sales occupations – retail (e.g., furnishings, clothing, motor vehicles, cosmetics) 203 OTHER marketing and sales occupations	
• Service Occupations, Except Health <i>Also consider 111 to 114 under Health Occupations</i>	221 Food preparation and service (e.g., cooks, waitresses, bartenders) 222 Protective services (e.g., fire fighters, police, guards, wardens, park rangers)	223 OTHER service occupations, except health (e.g., probation officers, human services workers)	
• Social Scientists	231 Anthropologists 232 Economists 233 Historians 235 Political scientists	236 Psychologists, including clinical – <i>Also consider 070 Counselors</i> 237 Sociologists 238 OTHER social scientists	
• Social Workers	240 Social workers		
• Teachers—Precollege	251 Pre-kindergarten and kindergarten 252 Elementary 253 Secondary – computer, math, or sciences 254 Secondary – social sciences	255 Secondary – other subjects 256 Special education – primary and secondary 257 OTHER precollegiate area	
• Teachers/Professors—Postsecondary	271 Agriculture 272 Art, Drama, and Music 273 Biological Sciences 274 Business, Commerce, and Marketing 275 Chemistry 276 Computer Science 277 Earth, Environmental, and Marine Science 278 Economics 279 Education 280 Engineering 281 English 282 Foreign Language	283 History 288 Mathematics and Statistics 287 Health and Related Sciences 288 Physical Education 289 Physics 290 Political Science 291 Psychology 293 Sociology 297 OTHER Natural Sciences 298 OTHER Social Sciences 299 OTHER Postsecondary fields	
• Teachers—Other	300 OTHER teachers and instructors (e.g., private tutors, dance or flying instructors, martial arts instructors)		
• Writers/Editors/Public Relations Specialists/Artists/Entertainers/Broadcasters	010 Writers, editors, public relations specialists, artists, entertainers, broadcasters		
• Other Professions	401 Construction and extraction occupations 402 Installation, maintenance, and repair occupations	403 Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, assemblers, printing occupations, tailors, shoemakers, photographic process) 405 Transportation and material moving occupations	
• OTHER OCCUPATIONS	500 OTHER OCCUPATIONS (Not Listed)		

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Enter the job category code. If you were not working, or your job is not listed, please enter “500”. CODE



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3. Who was your principal employer during the week of February 1, 2019?

If you had more than one job, report the one for which you worked the most hours that week.

If your employer had more than one location report the location that employed you.

If you worked for a contracting or consulting company, report the name of that company, not the client organization.

Employer Name

Department / Division

City / Town

State / Territory

Zip Code

4. What was that employer's main business or industry - that is, what did that employer make or do?

If your principal employer had more than one type of business, report the type of business primarily performed at the location where you worked.

Example: Production of microprocessor chips

EMPLOYER'S MAIN BUSINESS



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5. Which one of the following best describes your principal employer during the week of February 1, 2019? Were you...

Mark one answer.

- SELF EMPLOYED or a BUSINESS OWNER
- 1 in a non-incorporated business, professional practice, or farm
- 2 in an incorporated business, professional practice, or farm
- PRIVATE SECTOR employee
- 3 in a for-profit company or organization
- 4 in a non-profit organization (including tax-exempt and charitable organizations)
- GOVERNMENT employee
- 5 in a local government (e.g., city, county, school district)
- 6 in a state government (including state colleges / universities)
- 7 in the U.S. military service, active duty, or Commissioned Corps (e.g., USPHS, NOAA)
- 8 in the U.S. Federal Government (e.g., civilian employee)
- 9 OTHER type of employer –
Please specify “Other” type of employer:
-

6. Did your duties on this job require the technical expertise of a bachelor’s degree or higher in:

Mark Yes or No for each item.

- | | Yes | No |
|--|--------------------------|--------------------------|
| 1 Engineering, computer science, math, or the natural sciences | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 The social sciences | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Some other field (e.g., health, business, or education) | <input type="checkbox"/> | <input type="checkbox"/> |
- If some other field, please specify:*
-



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7. The next question is about your work activities on your principal job. Which of the following work activities occupied at least 10 percent of your time during a typical work week on this job?

Mark Yes or No for each item.

	Yes	No
1 Accounting, finance, contracts	<input type="checkbox"/>	<input type="checkbox"/>
2 Basic research – study directed toward gaining scientific knowledge primarily for its own sake	<input type="checkbox"/>	<input type="checkbox"/>
3 Applied research – study directed toward gaining scientific knowledge to meet a recognized need	<input type="checkbox"/>	<input type="checkbox"/>
4 Development – using knowledge gained from research for the production of materials, devices	<input type="checkbox"/>	<input type="checkbox"/>
5 Design of equipment, processes, structures, models	<input type="checkbox"/>	<input type="checkbox"/>
6 Computer programming, systems or applications development	<input type="checkbox"/>	<input type="checkbox"/>
7 Human resources – including recruiting, personnel development, training	<input type="checkbox"/>	<input type="checkbox"/>
8 Managing or supervising people or projects	<input type="checkbox"/>	<input type="checkbox"/>
9 Production, operations, maintenance (e.g., chip production, operating label equipment)	<input type="checkbox"/>	<input type="checkbox"/>
10 Professional services (e.g., health care, counseling, financial services, legal services)	<input type="checkbox"/>	<input type="checkbox"/>
11 Sales, purchasing, marketing, customer service, public relations	<input type="checkbox"/>	<input type="checkbox"/>
12 Quality or productivity management	<input type="checkbox"/>	<input type="checkbox"/>
13 Teaching	<input type="checkbox"/>	<input type="checkbox"/>
14 Other –	<input type="checkbox"/>	<input type="checkbox"/>



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If you answered "Other" from the above answers, please specify here:

8. Thinking about your principal job held during the week of February 1, please rate your satisfaction with that job's...

Mark one answer for each item.

	<i>Very satisfied</i>	<i>Somewhat satisfied</i>	<i>Somewhat dissatisfied</i>	<i>Very dissatisfied</i>
1 Salary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Benefits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Job security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Job location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Opportunities for advancement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 Intellectual challenge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 Level of responsibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 Degree of independence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 Contribution to society	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. How would you rate your overall satisfaction with the principal job you held during the week of February 1, 2019?

- 1 Very satisfied
- 2 Somewhat satisfied
- 3 Somewhat dissatisfied
- 4 Very dissatisfied

10. Thinking back now to 2018, was any of your work during 2018 supported by contracts or grants from the U.S. Federal Government?

Federal employees: Please answer "No."

- 1 Did not work in 2018
- 2 Yes
- 3 No



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- 4 Don't Know

11. Which U.S. Federal Government agencies or departments were supporting your work?

Mark all that apply.

- 1 Department of Defense (DOD)
2 Department of Education
3 Department of Energy (DOE)
4 National Institutes of Health (NIH)
5 Department of Health and Human Services
6 National Aeronautics and Space Administration (NASA)
7 National Science Foundation (NSF)
8 Other -
Specify:

9 DON'T KNOW SOURCE AGENCY

12. Which U.S. Federal Government agencies or departments have you completed an internship with?

Mark all that apply.

- 1 Department of Defense (DOD)
2 Department of Education
3 Department of Energy (DOE)
4 National Institutes of Health (NIH)
5 Department of Health and Human Services
6 National Aeronautics and Space Administration (NASA)
7 National Science Foundation (NSF)
8 Other -
If you marked "Other" from the above answers, please specify here:

9 I HAVE NEVER PARTICIPATED IN AN INTERNSHIP WITH A U.S. FEDERAL GOVERNMENT AGENCY OR DEPARTMENT.



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13. PRIOR TO applying for the NASA internship program, did you participate in any NASA Out-of-School-Time (OST) Science Technology Engineering Mathematics (STEM) Programs?

Out-of-School-Time (OST) programs are supervised programs young people attend when school is not in session. These include before- and after- school programs, summer programs, programs on a school campus or at a facility, academic programs (e.g., math focused programs), specialty programs (e.g., STEM enrichment), and multipurpose programs (e.g., 21st Century Community Learning Centers, Boys & Girls Clubs, YMCAs).

NASA OST STEM Programs can include:

1. NASA Challenges, Competitions, or Contests (e.g., Design Challenges, Moon to Mars, etc.)
2. NASA College STEM Experiences (e.g., GenHERation Discovery Days, MUREP, Space Grant, etc.)
3. NASA Fellowships (e.g., Summer Undergraduate Research Fellowships, etc.)
4. NASA Institutional Support Programs (e.g., NASA @ MyLibrary, etc.)
5. NASA Internships (e.g., GeneLab Summer Intern Program, STEM Enhancement in Earth Science Summer High School Internship, etc.)
6. NASA Pre-College STEM Experience (e.g., HUNCH, NASA Academic Research Experience, High School Aerospace Scholars, MUREP Aerospace Academy, etc.)
7. NASA Research and Development Opportunities (e.g., Summer REU, NASA High School Capstones, MUREP, MIRO, EPSCoR, etc.)
8. Other NASA OST STEM programs

- 1 No
2 Yes

You've selected "Yes" in the previous section. Please list the names of any NASA OST STEM Programs you recall participating in PRIOR TO applying for the NASA internship:



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14. AFTER applying for the NASA internship program, did you participate in any NASA Out-of-School-Time (OST) Science Technology Engineering Mathematics (STEM) Programs?

Out-of-School-Time (OST) programs are supervised programs young people attend when school is not in session. These include before- and after- school programs, summer programs, programs on a school campus or at a facility, academic programs (e.g., math focused programs), specialty programs (e.g., STEM enrichment), and multipurpose programs (e.g., 21st Century Community Learning Centers, Boys & Girls Clubs, YMCAs).

NASA OST STEM Programs can include:

1. NASA Challenges, Competitions, or Contests (e.g., Design Challenges, Moon to Mars, etc.)
2. NASA College STEM Experiences (e.g., GenHERation Discovery Days, MUREP, Space Grant, etc.)
3. NASA Fellowships (e.g., Summer Undergraduate Research Fellowships, etc.)
4. NASA Institutional Support Programs (e.g., NASA @ MyLibrary, etc.)
5. NASA Internships (e.g., GeneLab Summer Intern Program, STEM Enhancement in Earth Science Summer High School Internship, etc.)
6. NASA Pre-College STEM Experience (e.g., HUNCH, NASA Academic Research Experience, High School Aerospace Scholars, MUREP Aerospace Academy, etc.)
7. NASA Research and Development Opportunities (e.g., Summer REU, NASA High School Capstones, MUREP, MIRO, EPSCoR, etc.)
8. Other NASA OST STEM programs

- 1 **No**
2 **Yes**

You've selected "Yes" in the previous section. Please list the names of any NASA OST STEM Programs you recall participating in AFTER applying for the NASA internship:



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15. PRIOR TO applying for the NASA internship program, did you participate in any NON-NASA Out-of-School-Time (OST) Science Technology Engineering Mathematics (STEM) Programs?

OST programs are supervised programs young people attend when school is not in session. These include Before-School and After-School programs, summer programs, programs on a school campus or at a facility, academic programs (e.g., math focused programs), specialty programs (e.g., STEM enrichment), and multipurpose programs (e.g., 21st Century Community Learning Centers, Boys & Girls Clubs, YMCAs).

Non-NASA OST STEM programs can include:

1. Extended Day OST STEM Programs (STEM learning opportunities provided by teachers on school grounds outside of school time intended to help students improve academic achievement and standardized test scores)
2. Before-School or After-School OST STEM Programs (content-rich learning programs intended to provide opportunities for students to develop capacities and interests)
3. STEM Learning Opportunities at General OST Programs (e.g., STEM activities provided during 4-H Club, Boys & Girls Clubs of America, YMCA, etc.)
4. STEM OST Summer Programs (e.g., Cosmic Chemistry, Summer Science Program, Summer Research Program, etc.)
5. Specialty STEM OST Programs (e.g., NSF Advancing Informal Science Learning Program, Imagine Science, etc.)
6. STEM Academic Extracurricular OST Programs (e.g., Science club, Technology club, Engineering club, Math club, STEM club, Computer Science club, etc.); and STEM OST Programs sponsored by or offered at a library, museum, science center, business, college or university.
7. Other Non-NASA OST STEM Programs

- 1 **No**
2 **Yes**

You've selected "Yes" in the previous section. Please list the names of any Non-NASA OST STEM Programs you recall participating in PRIOR TO applying for the NASA internship:



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16. AFTER applying for the NASA internship program, did you participate in any NON-NASA Out-of-School-Time (OST) Science Technology Engineering Mathematics (STEM) Programs?

OST programs are supervised programs young people attend when school is not in session. These include Before-School and After-School programs, summer programs, programs on a school campus or at a facility, academic programs (e.g., math focused programs), specialty programs (e.g., STEM enrichment), and multipurpose programs (e.g., 21st Century Community Learning Centers, Boys & Girls Clubs, YMCAs).

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5. Specialty STEM OST Programs (e.g., NSF Advancing Informal Science Learning Program, Imagine Science, etc.)
6. STEM Academic Extracurricular OST Programs (e.g., Science club, Technology club, Engineering club, Math club, STEM club, Computer Science club, etc.); and STEM OST Programs sponsored by or offered at a library, museum, science center, business, college or university.
7. Other Non-NASA OST STEM Programs

- 1 No
2 Yes

You've selected "Yes" in the previous section. Please list the names of any Non-NASA OST STEM Programs you recall participating in AFTER applying for the NASA internship:



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17. How many college-level STEM classes did you complete PRIOR TO applying for the NASA internships program?

Enter the number of STEM classes below.

Number of
STEM Classes:

18. How many college-level STEM classes did you complete AFTER applying for the NASA internships program?

Enter the number of STEM classes below.

Number of
STEM Classes:

Please provide feedback on your experience with this survey by answering the following questions.

19. How many minutes did it take you to read the instructions and answer the questions?

Indicate the number of minutes below.

20. Please indicate the level to which you agree or disagree with each statement.

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
1 The survey instructions were clear.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 The questions were easy to understand.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21. As you went through the survey, did you think of any comments or feedback you can give us about the instructions or questions?



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Thank you for participating in this survey!