

## NASA MUREP Outcome Assessment: Student Participants

As a participant (i.e., student) in a NASA MUREP-funded program, you have been selected to take part in a brief questionnaire about your experiences. If you wish to participate in this survey, please select "Next" at the bottom of the screen to continue. Thank you for your time and perspective.

### Privacy Act Notification:


The information you provide via this form is protected from unauthorized disclosure in accordance with the Privacy Act of 1974. It will be used by NASA for the specific purpose of managing registrants, selecting applicants, implementing and evaluating STEM engagement investments. Collection of the information is authorized by the National Aeronautics and Space Act of 1958 § 403(a)(b), 42 U.S.C. § 2473 (c)(1). Provision of the requested information is strictly voluntary; however, failure to provide the information may result in NASA's inability to provide you with the information or STEM services you desire. NASA may disclose information to NASA administrators and managers, Office of Management and Budget officials, and members of Congress for the purposes of accountability and tracking of program and project efficiency and effectiveness. Elaboration and conditions of information disclosure may be found under "Routine Uses" of the full System of Records Notice at <https://www.govinfo.gov/content/pkg/PAI-2013-NASA/xml/PAI-2013-NASA.xml#10euda> and in Appendix B at <https://www.govinfo.gov/content/pkg/PAI-2013-NASA/xml/PAI-2013-NASA.xml#appb>.

### Paperwork Reduction Act Statement:

This information collection meets the requirements of 44 U.S.C. §3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 2700-0159 and expires 09/30/2024.

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## NASA MUREP Outcome Assessment: Student Participants

### Background - NASA MUREP-Funded Program

1. Please select the MUREP-funded program you participate in from the list below.

- MUREP Institutional Research Opportunity (MIRO)
- MUREP Aerospace High Volume Manufacturing and Supply Chain Management (High Volume)
- MUREP-SMD Research Ocean Biology and Biogeochemistry (OCEAN)
- MUREP Innovative New Designs for Space (MINDS)
- NASA Community College Aerospace Scholars (NCAS)
- MUREP for American Indian and Alaska Native Science, Technology, Engineering, and Math (STEM) Engagement (MAIANSE)
- MUREP Innovation Tech Transfer Idea Competition (MITTIC)
- MUREP INCLUDES

2 / 11

18%

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## Introduction - Institution type

2. Please provide your institution.

3. Please select your institution type.

- Asian American Native American Pacific Islander-Serving Institutions (AANAPISI)
- Native Hawaiian-Serving Institutions (ANNH)
- Historically Black Colleges & Universities (HBCU)
- Hispanic Serving Institutions (HSI)
- Minority Serving Institutions (MSI)
- Native American-Serving Non-Tribal Institutions (NASNTI)
- Predominantly Black Institutions (PBI)
- Private (Pri)
- Public (Pub)
- Tribal Colleges and Universities (TCU)

3 / 11

27%

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## Background - Program

4. Please briefly describe how you engage with NASA's MUREP-funded program that you selected at your institution.

5. How long have you participated in the NASA's MUREP-funded program at your institution?

- 1 - 2 semesters
- 3 - 4 semesters
- 5+ semesters

4 / 11



36%

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## Recruitment

6. Please select from the list below how you found out about NASA's MUREP-funded program at your institution. Select all that apply.

- Emails
- Referrals
- Events
- Websites
- Other (please specify)



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### Sense of Belonging (1 of 3)

Below is a list of statements that may or may not be true about your experience at college. Please indicate your level of agreement with each statement using the responses provided. Think carefully and respond honestly as there is no "wrong" answer.

Please rate your agreement with the following statements based on how you feel about your involvement in NASA's MUREP-funded program at your school.

7. Faculty and staff members who are part of NASA's MUREP-funded program notice when I am good at something.

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond

8. Faculty and staff members who are part of NASA's MUREP-funded program value my opinions

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond

9. Faculty and staff members who are part of NASA's MUREP-funded program know I can do good work.

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond

10. I can really be myself in NASA's MUREP-funded program community.

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond

11. Other students who are part of NASA's MUREP-funded program at my school like me the way I am.

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond

6 / 11  55%

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### Sense of Belonging (2 of 3)

During this academic year, it is likely that I will...

12. Read research papers from a faculty member who is a member of NASA's MUREP-funded program at my school.

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond

13. Attend a seminar hosted by NASA's MUREP-funded program at my school.

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond



14. Visit the lab of a faculty who is a member of NASA's MUREP-funded program at my school.

- Strongly Disagree
- Disagree
- Slightly disagree
- Slightly agree
- Agree
- Strongly Agree
- Prefer not to respond









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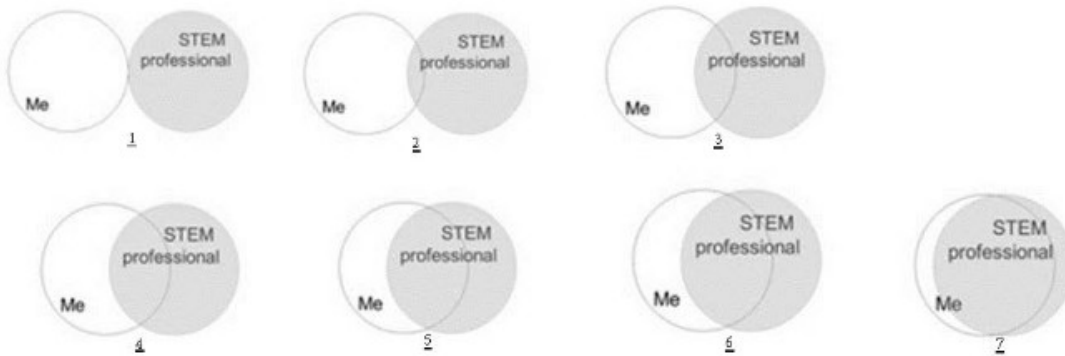
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### Sense of Belonging (3 or 3)

15. Please rank order the levels at which you have the highest sense of belonging in the STEM field:

		My NASA MUREP-funded program community
		My program of study (major) community
		My college or university community

## STEM Identity



16. STEM professionals are individuals whose professional activities relate to the STEM fields (Science, Technology, Engineering, or Mathematics). Select number that best describes the current overlap of the image you have of yourself and your image of what a STEM professional is.

1  7

17. Because of my participation in NASA's MUREP-funded program at my school, I am more likely to continue along a STEM pathway.

- Strongly disagree
- Somewhat disagree
- Agree
- Somewhat agree
- Strongly agree

9 / 11  82%

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## Academic Self-efficacy

Please answer how confident you are that you can successfully complete the task from 0 = Not at all confident to 10 = Extremely confident.

18. Getting the grades, I want

0 10

19. Taking good class notes

0 10

20. Studying to perform well on tests

0 10

21. Getting papers done on time

0 10

22. Preparing for exams

0 10

23. Researching term papers

0 10

24. Doing well in my toughest class

0 10

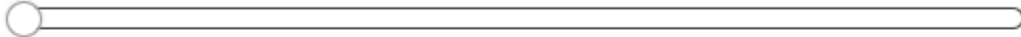
25. Talking to my professors

0 10

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26. Getting help and information at school

0 10

A horizontal progress bar with a circle at the start (0) and the number 10 at the end. The bar is empty, indicating 0% completion.

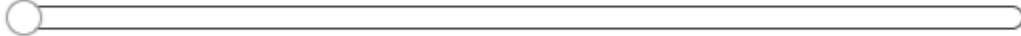
27. Talking to college staff

0 10

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28. Participating in class discussions

0 10

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29. Asking questions in class

0 10

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10 / 11  91%

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## Demographics

30. Please select your gender

- Female
- Male
- Choose not to report

31. Please select your race

- American Indian or Alaska Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Choose not to report
- Other (please specify)

32. Are you of Hispanic, Latino, or Spanish origin?

- No, not of Hispanic, Latino, or Spanish origin
- Yes, Mexican, Mexican American, Chicano
- Yes, Puerto Rican
- Yes, Cuban
- Yes, another Hispanic, Latino, or Spanish origin
- Choose not to report
- Other (please specify)

33. Please select your grade-level

- Freshmen
- Sophomore
- Junior
- Senior
- Graduate student
- Choose not to report
- Other (please specify)

34. Have you ever served on active duty in the United States Armed Forces, either in the regular military or in National Guard or military reserve unit?

- Yes
- No
- Choose not to report

35. Have you declared a STEM (Science, Technology, Engineering, Mathematics) major? If yes, please provide your major.

36. On a scale 0 to 10, how likely are you to recommend NASA's MUREP-funded program at your school to your peers?

0  \_\_\_\_\_  10

37. Would you be willing to participate in a follow-up focus group related to these questions? If Yes, please provide your email below.

11 / 11  100%

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Done