## Intern Survey\_revised

### NASA Internships Survey

As a participant in NASA Internships, you have been selected to take part in a brief questionnaire to test a future survey for clarity and comprehensibility of the questions therein. Your responses to this survey are completely confidential and will not be stored with any identifying information. Thank you for your cooperation! If you wish to participate in this test survey, please continue to the next page.

#### 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 XXXX-XXXX and expires XX/XX/XXXX.



# Intern Survey\_revised

1. Which site did you participate? (Select One)	
Ames Research Center	
Armstrong Flight Research Center	
Glenn Research Center	
Goddard Space Flight Center	
O Independent Verification and Validation (IV&V) Facility	
Jet Propulsion Laboratory	
O Johnson Space Center	
C Kennedy Space Center	
Langley Research Center	
Michoud Assembly Facility (MAF)	
Marshall Space Flight Center	
NASA Headquarters	
NASA Shared Services Center (NSSC)	
Stennis Space Center	
Wallops Flight Facility (WFF)	
○ White Sands Complex (WSC)	
○ White Sands Test Facility (WSTF)	

2. Was your internship experience in-person or virtual?
○ In-person
○ Virtual
Hybrid (contained both in-person and virtual elements)
3. What is your gender? (Select One)
Female
○ Male
O Do not wish to provide
4. What is your ethnicity? (Select One)
Hispanic or Latino
Not Hispanic or Latino
O Do not wish to provide
5. What is your race? (Select as many as apply).
American Indian or Alaskan Native
○ Asian
Black or African American
Native Hawaiian or Other Pacific Islander
○ White
On not wish to provide

6. Do you have a disability?
○ Yes
○ No
O Do not wish to provide
7. Is English your first/native language? (Select One)
○ Yes
○ No
○ Choose not to Report
8. Has at least one of your parents/guardians graduated from college? (Select One)
○ Yes
○ No
O Do not wish to provide
Prev Next
Powered by  SurveyMonkey
See how easy it is to <u>create a survey</u> .

9. What is your current grade level in school? (Select One)
○ High School Freshman
○ High School Sophomore
High School Junior
High School Senior
O College Freshman
○ College Sophomore
○ College Junior
○ College Senior
○ Graduate Program
O Do not wish to provide
Other (please specify)

10. Have you ever received or are you eligible for a Pell One)	Grant (needs based) at your university? (Select
○ Yes	
○ No	
O Do not wish to provide	
O Not applicable (I am not a college student)	
11. When in high school, are/were you able to receive fro	ee lunch?(Select One)
○ Yes	
○ No	
O Do not wish to provide	
Other (please specify)	
12. Where is/was your high school located? (Select One	<del>)</del>
○ Urban (	Suburban
○ Rural (	On not wish to provide
Prev  Powered to SurveyN  See how easy it is to co	Monkey <sup>-</sup>
Powered t	<sub>by</sub> Monkey

13. How often did you do each of the following in STEM classes at school over the past year? Select one per row.

	Not at all	At least once	Monthly	Weekly	Every day
Work with a STEM researcher or company on a real- world STEM research project	0	0	0	0	0
Work with a STEM researcher on a project of your own choosing	0	0	0	0	0
Design my own research or investigation based on my own question(s)	•	0	0	0	0
Present my STEM research to a panel of judges from a relevant industry	0	0	0	0	0
Interact with STEM researchers	0	0	0	0	0
Use laboratory procedures and tools	0	$\circ$	$\circ$	$\circ$	$\circ$
Identify questions or problems to investigate	0	0	0	0	0
Analyze data or information and draw conclusions	0	0	0	0	0
Work collaboratively as part of a team	0	0	0	0	0
Build or make a computer model	0	0	0	0	0



14. How often did you do each of the following in your NASA internship program this year? Select one per row.

	Not at all	At least once	Weekly	Monthly	Every day
Work with a STEM researcher or company on a real- world STEM research project	0	0	0	0	0
Work with a STEM researcher on a project of your own choosing	0	0	0	0	0
Design my own research or investigation based on my own question(s)	0	0	0	0	0
Present my STEM research to a panel of judges from a relevant industry	0	0	0	0	0
Interact with STEM researchers	0	0	0	0	0
Use laboratory procedures and tools	0	$\circ$	$\circ$	$\circ$	$\circ$
Identify questions or problems to investigate	0	0	0	0	0
Analyze data or information and draw conclusions	0	0	0	0	0
Work collaboratively as part of a team	0	0	0	0	0
Build or make a computer model	0	0	0	0	0



15. How much did each of the following resources help you learn about NASA internship programs? Select one per row.

	Did not experience	Not at all	A little	Somewhat	Very much
NASA Internship website	0	0	0	0	0
NASA Internships on Facebook, Twitter, or other social media	0	0	0	0	0
NASA Internships brochure	0	0	0	0	0
Internship mentor	$\circ$	$\circ$	0	$\circ$	$\circ$
Presentations or information shared through the internship program	0	0	0	0	0
Participation in the internship program	0	0	0	0	0

16. How much did each of the following resources help you learn about STEM careers at NASA? Select one per row.

	Did not experience	Not at all	A little	Somewhat	Very much
NASA Internship website	0	0	0	0	0
NASA Internships on Facebook, Twitter, or other social media	0	0	0	0	0
NASA Internships brochure	0	0	0	0	0
Internship mentor	0	0	$\circ$	0	0
Presentations or information shared through the internship program	0	0	0	0	0
Participation in the internship program	0	0	0	0	0



17. How SATISFIED were you with the following internship program features? Select one per row.

	Did not experience	Not at all	A little	Somewhat	Very much
Applying or registering for the program	0	0	0	0	0
Other administrative tasks	0	0	0	0	0
Communicating with internship program organizers	0	0	0	0	0
Physical location of your internship activities	0	0	0	0	0
Variety of STEM topics available to you in the internship program	0	0	0	0	0
Teaching or mentoring provided during internship program activities	0	0	0	0	0
Direct deposit payment availability	0	0	0	0	0
Lunch & Learn sessions	0	0	0	0	0
18. How much input o	did you have in sele	ecting your inte	rnship research p	project? Select or	ne.
O I was assigned a p	roject by my mentor.				
O I worked with my	mentor to design a p	roject.			
O I had a choice amo	ong various projects	suggested by my	mentor.		
○ I worked with my r	mentor and member	s of a research te	eam to design a pro	ject.	
19. How often was your mentor available to you during the internship program? Select one.					
O Less than half the time.					
About half the time of my project.					
○ More than half of the time.					
Always available.					



I worked with others in a shared laboratory or other space, but we worked on different projects.					
O I worked alone on	my project and I me	t with others reg	ularly for general r	eporting or discuss	ion.
O I worked alone on	a project that was cl	osely connected	with projects of o	thers in my group.	
○ I worked with a gro	oup who all worked o	on the same proje	ect.		
n. How SATISFIED we	ere you with each	of the following	?? Select one per	row.	
	Did not experience	Not at all	A little	Somewhat	Very much
My working relationship with my mentor	0	0	0	0	0
My working relationship with my group	0	0	0	0	0
The amount of time I spent doing meaningful research/work	0	0	0	0	0
The amount of time I spent with my mentor	0	0	0	0	0
The research experience overall	0	0	0	0	0
Powered by  SurveyMonkey  See how easy it is to create a survey.					

20. To what extent did you work as part of a group or team during the internship program? Select one.

I worked alone (or along with my mentor).

22. The list bellow includes effective teaching and mentoring strategies. From the list, please indicate which strategies your mentor(s) used when working with you in the internship program:

	Yes – my mentor used this strategy with me	No – my mentor did not use this strategy with me		
Helped me become aware of STEM in my everyday life	О	0		
Helped me understand how I can use STEM to improve my community	0	0		
Used a variety of strategies to help me learn	0	0		
Gave me extra support when I needed it	0	0		
Encouraged me to share ideas with others who have a different backgrounds or viewpoints than I do	0	0		
Allowed me to work on a team project or activity	0	0		
Helped me learn or practice a variety of STEM skills	0	0		
Gave me feedback to help me improve in STEM	0	0		
Talked to me about the education I need for a STEM career	0	0		
Recommended other NASA or industry programs that match my interests	0	0		
Discussed STEM careers with NASA or other federal agencies	0	0		
	Prev Next			



23. Which of the followi that apply.	ing statements	apply to your re	search experience	e in the internsl	nip? Select all		
I presented a talk or poster to other students or faculty.							
I presented a talk or	poster at a profe	ssional symposiu	m or conference.				
I attended a sympos	ium or conferenc	€.					
I wrote or co-wrote a paper that was/will be published in a research journal.							
I wrote or co-wrote a technical paper or patent.							
☐ I will present a talk o	or poster to other	students or facu	lty.				
☐ I will present a talk o	or poster at a prof	essional sympos	ium or conference.				
☐ I will attend a sympo	osium or conferen	ce.					
☐ I will write or co-writ	e a paper that wa	s/will be publish	ed in a research jour	nal.			
☐ I will write or co-writ	e a technical pap	er or patent.					
24. Rate your level of a your participation in th		your gains in t	he following STEM	l knowledge are	eas as a result of		
	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree		
In depth knowledge of a STEM topio(s)	0	0	0	0	0		
Knowledge of research processes, ethics, and rules for conduct in STEM	0	0	0	0	0		
Knowledge of how scientists and engineers work on real problems in STEM	0	0	0	0	0		
Knowledge of what everyday research work is like in STEM	0	0	0	0	0		
25. Which category bes	t describes the	focus of your in	ternship activities	s? Select one.			
○ Science							
○ Technology							
○ Engineering							
O Mathematics							
Other (please specify)							
		Prev	Next				



26. Rate your level of agreement with if you experienced gains in these abilities areas as a result of your participation in the internship.

	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree
Creating a hypothesis or explanation that can be tested in an experiment/problem	0	0	0	0	0
Using my knowledge and creativity to suggest a solution to a problem	0	0	0	0	0
Making a model to show how something works	0	0	0	0	0
Identifying the limitations of the methods and tools used for collecting data	0	0	0	0	0
Carrying out an experiment and recording data accurately	0	0	0	0	0
Supporting an explanation with STEM knowledge	0	0	0	0	0
Identifying the strengths and limitations of data or arguments presented in technical or STEM texts	0	0	0	0	0
Presenting an argument that uses data and/or findings from an experiment or investigation	0	0	0	0	0
		Prev Powered	Next by		

Powered by
SurveyMonkey\*
See how easy it is to create a survey.

27. Rate your level of agreement with if you experienced gains in these skills/abilities as a result of your participation in the internship.

	Strongly disagree	Disagree	Neither disagree or agree	Agree	Strongly agree
Thinking creatively	0	0	0	0	0
Using my creative ideas to make a product	0	0	0	0	0
Thinking about how systems work and how parts interact with each other	0	0	0	0	0
Evaluating others' evidence, arguments, and beliefs	0	0	0	0	0
Solving problems	0	0	0	0	0
Communicating clearly (written and oral) with others	0	0	0	0	0
Collaborating with others effectively and respectfully in diverse teams	0	0	0	0	0
Accessing and evaluating information efficiently (time) and critically (evaluates sources)	0	0	0	0	0
Analyzing media (news) - understanding points of view in the media	0	0	0	0	0
Creating media products like videos, blogs, social media	0	0	0	0	0
Using technology as a tool to research, organize, evaluate, and communicate information	0	0	0	0	0
Adapting to change when things do not go as planned	0	0	0	0	0

Prev	Next					
Fowand by SurveyMonkey						
See how easy it is to create a survey.						

28. Rate your level of agreement with if you experienced gains in these areas as a result of your participation in the internship.

	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree
Interest in a new STEM topic	0	0	0	0	0
Deciding on a path to pursue a STEM career	0	0	0	0	0
Sense of accomplishing something in STEM	0	0	0	0	0
Feeling prepared for more challenging STEM activities	0	0	0	0	0
Patience for the slow pace of STEM research	0	0	0	0	0
Desire to build relationships with mentors who work in STEM	0	0	0	0	0
Connecting a STEM topic or field to my personal values	0	0	0	0	0

Powered by  SurveyMonkey						

29. As a result of your internship experience, are you MORE or LESS likely to engage in the following activities in STEM outside of school requirements or activities?

	Much less likely	Less likely	About the same before and after	More likely	Much more likely
Watch or read non- fiction STEM	0	0	0	0	0
Tinker (play) with a mechanical or electrical device	0	0	0	0	0
Talk with friends or family about STEM	0	0	0	0	0
Mentor or teach other students about STEM	0	0	0	0	0
Help with a community service project related to STEM	0	0	0	0	0
Participate in a STEM camp, club, or competition	0	0	0	0	0
Work on a STEM project or experiment in a university or professional setting	0	0	0	0	0

Prev Next						
Powered by						
SurveyMonkey						
See how easy it is to <u>create a survey</u> .						

30. Prior to participating in your internship, how far do you want to go in school? Select one.
Finish college (get a bachelor's degree)
Get a master's degree
◯ Get a Ph.D.
Get another professional degree (law, business, etc.)
Other (please specify)
31. After you have participated in your internship, how far do you want to go in school? Select one.
Finish college (get a bachelor's degree)
Get more education after college
Get a master's degree
◯ Get a Ph.D.
Get a medical-related (M.D.), veterinary degree (D.V.M.), or dental degree (D.D.S.)
Get a combined M.D./Ph.D.
Get another professional degree (law, business, etc.)
32. How interested are you in participating in future NASA programs? Select one.
○ Not at all
◯ A little
○ Somewhat
O Very much

33. How many jobs/careers in STEM did you learn about in your internship program? Select one.
None
O1
○ 2
○ 3
O 4
◯ 5 or more
34. How many NASA STEM jobs/careers did you learn about in your internship program? Select one.
○ None
O1
○ 2
○ 3
○ 4
◯ 5 or more
Prev Next
Powered by  SurveyMonkey  See how easy it is to create a survey.

35. Rate your level of agreement with with the following statements as a result of your participation in the internship.

	Strongly disagree	Disagree	Neither agree or disagree	Agree	Strongly agree
I am more confident in my STEM knowledge, skills, abilities	0	0	0	0	0
I am more interested in participating in STEM activities outside of college requirements	0	0	0	0	0
I am more aware of other internship opportunities	0	0	0	0	0
I am more interested in participating in other internships	0	0	0	0	0
I am more interested in taking STEM classes at my college	0	0	0	0	0
I am more interested in pursuing a career in STEM	0	0	0	0	0
I am more aware of NASA research and careers	0	0	0	0	0
I have a greater appreciation of NASA	0	0	0	0	0
I am more interested in pursuing a STEM career with NASA	0	0	0	0	0

36. What are the	three most impor	rtant ways th	at the internship p	rogram has	helped you?			
1.								
2.								
3.								
37. What are thre	ee ways that the ir	nternship pro	gram should be in	proved for f	uture participants?			
1.								
2.								
3.								
38. Please tell us	about your overa	ıll satisfactio	n with your interns	ship experien	ice.			
		Pre	v Next					
			Powered by					
			SurveyMonkey					
39. How many minut	es did it take vou t	o read the inst	ructions and answe	er the question	ns?			
,	<u> </u>							
40. Please indicate t	he level to which yo	ou agree or dis	sagree with each sta	tement.				
			Neither agree or					
The average	Strongly disagree	Disagree	disagree	Agree	Strongly agree			
The survey instructions were clear.	0	0	0	0	0			
The questions were easy to understand.	0	0	0	0	0			
casy to understand.								
		Prov	Done					
		Prev	Dolle					
	Powered by							
See how easy it is to <u>create a survey</u> .								