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**Confidentiality Statement:** In accordance with the Privacy Act of 1974, as amended (5 U.S.C. 552a), you are hereby notified that this study is sponsored by the National Aeronautics and Space Administration (NASA) Office of Education (Education), under authority of the Government Performance and Results Modernization Act (GPRMA) of 2010 that requires quarterly performance assessment of Government programs for purposes of assessing agency performance and improvement. NASA Education may use the information provided for statistical purposes related to data collection instrument development and will hold the information in confidence to the full extent permitted by law. Although efforts will be taken to ensure confidentiality, there remains a remote risk of personal data becoming identifiable. A non-identifying code number will be assigned to participants' data records, which will be stored in accordance with federal regulatory procedures and accessible only to the investigator. While qualitative data is usually analyzed in aggregate, any use of individual data to illustrate specific assessment results will be labeled in a manner to preserve the participants' anonymity. Information will be secured and removed from this server and location upon guidelines set out by the NASA Records Retention Schedule 1392, 1 68D. For additional information, please go to [http://nodis3.gsfc.nasa.gov/npg\\_img/N\\_PR\\_1441\\_001E/NRRS\\_1441\\_0001.doc](http://nodis3.gsfc.nasa.gov/npg_img/N_PR_1441_001E/NRRS_1441_0001.doc).

**Introduction:** This research seeks to support the mission of the NASA Office of Education by asking you to take part in *post-internship* surveys pertaining to our interest in the ways in which NASA project activities impact outcomes for participants. The information we collect will help us to improve the nature of the project activity and the accuracy with which NASA Education can report to its community about the project activities it offers.

**Purpose of the Study:** Determine the degree to which instruments accurately capture the ways participant outcomes are measured by data collection instruments.

**Description of Study Procedures:** You are asked to complete a short collection of related surveys accessed by separate SurveyMonkey links presented to you in the introductory email from the NIFS Director or your NASA internship point of contact.

**Study Consent:** There are no foreseeable risks to participants electing to participate in this study. Your participation is completely voluntary. In no way does refusing participation in pre-internship survey development preclude you from eligibility for NASA education project activities now or in the future. If you agree to participate, please answer the following questions to the best of your ability.

**Estimation of Time Required:** To be determined through the testing procedure. **Please note your start time at the beginning of each survey.** At the end of each, you will be asked to approximate the time it took you to complete that particular survey.

**Contact Person:** If you have any additional questions concerning the research, this passive consent, or confidentiality of responses, please contact Dr. Lisa E. Wills, Senior Research Associate, at [lisa.e.wills@nasa.gov](mailto:lisa.e.wills@nasa.gov) or call (202)258-6021.

## I. About you

#4 Development Outcome Post-Internship Scale

**Please note your start time.** At the end of this survey, you will be asked to approximate the time required to complete this survey.

The following questions ask about your internship experience. At the end of this survey there is a place for you to add any additional comments relating to your experiences.

		Drop down menu options are as follows:			
		Strongly Disagree	Tend to Disagree	Tend to Agree	Strongly Agree
<b>1.</b>	I still intend to complete my current degree				
	Please explain (200 characters & spaces):				
<b>2.</b>	My experiences in my internship research/work group have helped me grow into a more well-rounded person				
	Please explain (200 characters & spaces):				
<b>3.</b>	My experiences with my internship research/work group have increased my critical thinking skills				
	Please explain (200 characters & spaces):				
<b>4.</b>	My experiences in my internship research/work group have prepared me for the career I want				
	Please explain (200 characters & spaces):				
<b>5.</b>	My experiences in my internship research/work group have taught me how to manage a project				
	Please explain (200 characters & spaces):				
<b>6.</b>	My experiences in my internship research/work group have helped me learn to teach myself new things				
	Please explain (200 characters & spaces):				

#4 Development Outcome Post-Internship Scale

7.	My experiences in my internship research/work group have increased my self- confidence to do this kind of work				
	Please explain (200 characters & spaces):				

Adapted from: Crede, E., & Borrego, M. (2013). From ethnography to items: A mixed methods approach to developing a survey to examine graduate engineering student retention. *Journal of Mixed Methods Research*, 7(1), 62-80.

8. **Please provide a current email address and your NASA UUPIC number so that we are able to connect your Pre-experience and Post-experience surveys with your profile information in NASA’s database.**

Email address: \_\_\_\_\_

UUPIC number: \_\_\_\_\_

I do not have a NASA UUPIC number:\_\_\_\_\_

Please provide the following feedback on your experience completing this survey:

9. **How many minutes did you take to complete this survey? (whole number only)\_\_\_\_\_**

**Thank you for participating!**

**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 04/30/2018. We estimate that it will take 4 minutes to read the instructions and answer the questions. Send only comments relating to this time estimate to: [lisa.e.wills@nasa.gov](mailto:lisa.e.wills@nasa.gov)