



2016 NASA HBCU/MSI
Technology Infusion Road Tour
Florida A&M University
September 27-29, 2016

Tania B. Davis, Acting MUREP Manager,
NASA Headquarters

Objectives

- Guiding Framework
- Define MUREP and its role in OE
- MUREP Activities
- Current Opportunities
- How to Get Connected
- Q&A

Guiding Framework

NATIONAL PRIORITIES

- ❑ America COMPETES Reauthorization Act of 2010

<https://www.gpo.gov/fdsys/pkg/PLAW-111publ358/pdf/PLAW-111publ358.pdf>

<http://democrats.science.house.gov/sites/democrats.science.house.gov/files/documents/Competes%202014%20Fact%20Sheet.pdf>

- ❑ National Science and Technology Council (NTCS) Committee on Science, Technology, Engineering and Mathematics Education (CoSTEM)

<https://www.whitehouse.gov/administration/eop/ostp/nstc/committees/costem>

https://www.whitehouse.gov/sites/default/files/microsites/ostp/stem_stratplan_2013.pdf

Guiding Framework

AGENCY PRIORITIES

- ❑ NASA Strategic Plan

http://www.nasa.gov/sites/default/files/atoms/files/nasa_education_implementation_plan_2015-2017.pdf

Goal 2: Advance understanding of earth and develop technologies to improve the quality of life on our home planet.

Objective 2.4: Advance the Nation's STEM education and workforce pipeline by working collaboratively with other agencies to engage students, teachers and faculty in NASA's missions and unique assets.

- ❑ NASA Education Implementation Plan 2015-2017

http://www.nasa.gov/sites/default/files/atoms/files/nasa_education_implementation_plan_2015-2017.pdf

- ❑ Multi-year Performance Goals and Annual Performance Indicators

What is MUREP?

Agency's Response to Presidential Executive Orders for Minority Serving Institutions

MUREP is established to increase NASA's responsiveness to federal mandates related to Minority Serving Institutions (MSIs) and underrepresented and underserved communities, including women, girls, persons with disabilities and veterans.

- ❑ EO 13532: Historically Black Colleges and Universities (HBCUs)
- ❑ EO 13592: Tribal Colleges and Universities (TCUs)
- ❑ EO 13555: Hispanic Serving Institutions (HSIs)
- ❑ EO 13515: Asian American and Native American Pacific Islander – Serving Institutions (AANAPISIs)
- ❑ EO 13621: Predominantly Black Institutions (PBIs)

Where is MUREP?

Administered by NASA's Office of Education and Implemented at
NASA's 9 Field Centers and at JPL

- ❖ Ames Research Center, CA
- ❖ Armstrong Flight Research Center, CA
- ❖ Glenn Research Center, OH
- ❖ Goddard Space Flight Center, MD
- ❖ Jet Propulsion Laboratory (Cal Tech), CA
- ❖ Johnson Space Center, TX
- ❖ Kennedy Space Center, FL
- ❖ Langley Research Center, VA
- ❖ Marshall Space Flight Center, AL
- ❖ Stennis Space Center, MS



NASA Office of Education

Program Audience

FOUR LINES OF BUSINESS

LEARNERS

STEM Engagement (SE) provides opportunities for participatory and experiential learning activities to connect learners to NASA-unique resources.

NASA Internships, Fellowships, and Scholarships (NIFS) utilizes NASA's facilities and assets to provide work experiences and research and educational opportunities to improve retention in STEM and prepare students for employment in STEM jobs.

EDUCATORS

Educator Professional Development (EPD) prepares STEM educators and leaders to deliver quality STEM instruction utilizing unique NASA assets and content.

INSTITUTIONS

Institutional Engagement (IE) focuses on improving the capacity of U.S. institutions to deliver effective STEM education.

MUREP Activities

		EPD	IE	SE
1.	Earth System, Technology and Energy Education for MUREP - TCU (ESTEEM-TCU)		x	
2.	Educator Professional Development Collaboration (EPDC)	x		
3.	MUREP Aerospace Academy (MAA)			x
4.	MUREP Community College Curriculum Improvement (MC3I)		x	
5.	MUREP Educator Institutes (MEI)	x		
6.	MUREP for American Indian and Alaskan Native STEM Engagement (MAIANSE)			x
7.	MUREP Institutional Research Opportunity (MIRO)		x	
8.	MUREP Other Opportunities (MOO)			x

Funding information and eligibility criteria for MUREP activities in NSPIRES is available at <https://nspires.nasaprs.com>; For information about MUREP internships see NASA's One Stop Shopping Initiative (OSSI) at <https://intern.nasa.gov>.

Where to Find MUREP Funding Opportunities



NASA Solicitation and Proposal Integrated Review and Evaluation System

NASA Research

► Solicitations

View Solicitations

► Future

► Open

► Closed/Past Selected

Office of Education

NASA Research Announcement

Education Opportunities in NASA STEM 2016 (EONS-2016)

Solicitation: NNH16ZHA0099N

Dates

Release	Sep 13, 2016
Close	Sep 30, 2017

Announcement Documents

- [Education Opportunities in NASA STEM \(EONS-2016\)Full Solicitation](#)
- [MUREP Solicited Activities](#)

Program Elements

- [List of Open Program Elements](#)
- [List of All Program Elements](#)

Where to Find MUREP Funding Opportunities

One Stop Shopping Initiative (OSSI)

One NASA System • One Submitted Application • One Amazing Opportunity

1 2 3 4 5 6 7

The 2017 Spring Session [internship application](#) is from 6/2/2016 — 10/17/2016

OSSI Student Opportunities and Recruitment Tools

NASA Internships, Fellowships, and Scholarships

NASA One Stop Shopping Initiative (OSSI)

- [Student Assistance](#) | [More Details](#) | [Mentor Login](#)
- Internships: [Pre-College](#) | [Undergraduate](#) | [Graduate](#)
- [Fellowships](#)
- [Scholarships](#)

Student Information, Requests, and Community Outreach

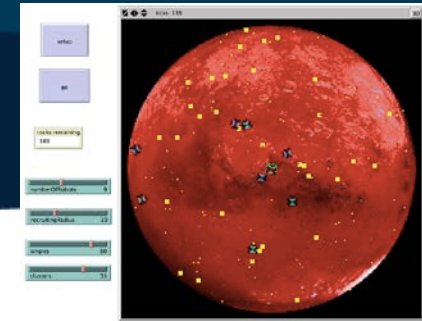
NASA Student Ambassador Virtual Community
[Launch](#) | [More Details](#) | [Request Ambassadors](#)

OSSI Information Center (OIC)
[Launch](#) | [More Details](#) | [Tutorial](#)

Student Online Research Journal
[Launch](#) | [More Details](#) | [Mentor Login](#)

Current Opportunities

	Key Dates
<p>Education Opportunities in NASA STEM (EONS) - 2016:</p> <ul style="list-style-type: none"> ❖ Earth System, Technology, and Energy Education for MUREP - TCU (ESTEEM-TCU) ❖ MUREP for American Indian and Alaskan Native STEM Engagement (MAIANSE) <p>To apply visit: https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={FD9B3C60-D17A-475F-BB46-7ADF483AE13D}&path=open </p>	<p>Notice of Intent (NOI) due October 14, 2016</p> <p>Proposal due December 15, 2016</p>
<p>NASA Internships:</p> <ul style="list-style-type: none"> ❖ 2017 Spring Session (January – March) 16 weeks ❖ 2017 Summer Session (May/June - August) 10 weeks <p>To apply visit: https://intern.nasa.gov </p>	<p><i>SPRING 2017</i> Submit internship application June 2, 2016 — October 17, 2016</p> <p>Begin to receive offers September 1, 2016</p> <p><i>SUMMER 2017</i> Submit internship application October 18, 2016 — March 31, 2017</p> <p>Begin to receive offers January 16, 2016</p>



Next Swarmathon Competition APRIL 2017

at NASA Kennedy Space Center Visitors Complex

<https://youtu.be/r3LLS7XlZ7c>

nasaswarmathon.com

email info@nasaswarmathon.com

NASA Contact: Theresa Martinez

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How to Get Connected

☐ Volunteer to be a reviewer

Register in NSPIRES

Email Tamra K. Ross at tkross@nasaprs.com

"Tania Davis suggested I be a reviewer"

☐ White paper on your science

No more than 3 pages

Email to Tania Davis and I will FORWARD

tania.b.davis@nasa.gov

Questions & Answers

Contact MUREP at HQ

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