NASA Minority University Research and Education Project (MUREP)

presented by
Joeletta Patrick
NASA Headquarters MUREP Manager
NASA Minority University Research and Education Project (MUREP)

presented by
Joeletta Patrick
NASA Headquarters MUREP Manager
What is MUREP?

NASA Headquarters
- Office of Education
  - Minority University Research and Education Project (MUREP) Manager

What is MUREP?
MUREP increases the Agency’s responsiveness to federal mandates related to minority serving institutions and underrepresented and underserved communities (women, persons with disability, and veterans)
Federal Mandates

Agency’s Response to Four Minority Serving Institutions Executive Orders (EO)

EO 13532: Historically Black College or Universities (HBCUs)
EO 13592: Tribal College or Universities (TCUs)
EO 13555: Hispanic Serving Institutions (HSIs)
EO 13515: Asian American and Native American Pacific Islander – Serving Institutions (AANAPISIs)
Other Minority Serving Institution (OMI) - AIANSI, PBI, etc.
Where is MUREP?

Administered by NASA’s Office of Education & Implemented at the NASA 10 field centers (HQ not a center)

ARC – Ames Research Center - CA
AFRC - Armstrong Flight Research Center (Formerly Dryden Flight Research Center) - CA
GRC – Glenn Research Center - OH
GSFC – Goddard Space Flight Center - MD
JPL – Jet Propulsion Lab - CA
JSC – Johnson Space Center - TX
KSC – Kennedy Space Center - FL
LaRC – Langley Research Center - VA
MSFC – Marshall Space Flight Center - AL
SSC – Stennis Space Center - MS
What Matters in the Office of Education

America COMPETES Reauthorization Act of 2010

Committee on Science, Technology, Engineering, and Math Education (CoSTEM)
http://www.whitehouse.gov/administration/eop/ostp/nstc/committees/costem

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

Reference: America COMPETES Reauthorization Act of 2014

**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.

FY2015 Complete Management and Performance Appendix

Multi-year Performance Goal and Annual Performance Indicator (API)
EDUCATOR PROFESSIONAL DEVELOPMENT

Offers professional development to K-12 and pre-service educators. Integrates NASA missions, education resources and NASA-unique facilities to provide high-quality STEM content and hands-on learning experiences.
INSTITUTIONAL ENGAGEMENT

Strengthens the capacity of U.S. institutions to perform STEM research and develop sustained STEM capabilities in topical areas of interest to NASA.

INTERNSHIPS, FELLOWSHIPS, AND SCHOLARSHIPS

Utilizes NASA facilities and assets to leverage unique mission activities and increase the capabilities, diversity, and size of the nation’s next generation workforce needed to enable future NASA discoveries.
How we do it at NASA Education Cont...

**STEM ENGAGEMENT**

Provides opportunities for participatory and experiential learning activities in formal and informal settings to connect learners to NASA-unique resources.
Funding
Funding Opportunities for MSI's

Grants, Cooperative Agreements and Contracts

NASA Office of Small Business Programs (OSBP)
Mentor-Protégé Program (MPP)
http://osbp.nasa.gov/mpp/index.html
Where to Find MUREP Funding Opportunities

Grants (Grants and Cooperative Agreements)
NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES)
http://nspires.nasaprs.com/external/
Where to find MUREP funding opportunities cont.

Education Opportunities in NASA STEM (EONS) – 2014
ALL MUREP Opportunities
How To Get Connected

Volunteer to be a reviewer
Register in NSPIRES
Email Tamra K. Ross at tkross@nasaprs.com
"Joeletta Patrick suggested I be a reviewer"

White paper on your science
No more than 3 pages
Email to Joeletta Patrick and I will FORWARD joeletta.o.patrick@nasa.gov
Student Opportunities

NASA Internship, Fellowships, and Scholarships
https://intern.nasa.gov/

**Internship** – precollege, community college, undergraduates, and graduates

**Scholarship (NOW Closed)** – undergraduates, community college, graduating seniors
Closed March 30, 2015
75% of Tuition up to $9,000
Paid Summer Internship $6,000
3.0 GPA and US Citizen

**NASA Office of Education (OE) MUREP Advanced STEM Training and Research (ASTAR) Fellowship**
Closed Solicitation
Proposals were due May 5, 2015 at 11:59pm EST
$50,000 for Masters
$55,000 for Doctoral
~10-15 awards
Up to 3 year awards