



## The Minority University Research and Education Project (MUREP)



By Joeletta Patrick  
NASA MUREP Program Manager

April 13, 2015

# What do you do?



- 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 institutions and underrepresented and underserved communities (women, persons with disability, and veterans)



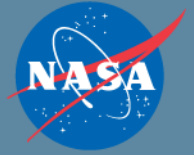
- Agency's Response to Four Minority Serving Institutions Executive Orders (EO)
  - EO 13532: Historically Black College or Universities (HBCUs)
  - EO 13592: Tribal College or Universities (TCUs)
  - EO 13555: Hispanic Serving Institutions (HSIs)
  - EO 13515: Asian American and Native American Pacific Islander – Serving Institutions (AANAPISIs)
  - Other Minority Serving Institution (OMI)



# Introduction – What is MUREP?



- Currently administered by NASA's Office of Education
- Implemented at the NASA 10 field centers(HQ not a center)
  1. ARC – Ames Research Center - CA
  2. AFRC - Armstrong Flight Research Center (Formerly Dryden Flight Research Center) - CA
  3. GRC – Glen Research Center - OH
  4. GSFC – Goddard Space Flight Center - MD
  5. JPL – Jet Propulsion Lab - CA
  6. JSC – Johnson Space Center - TX
  7. KSC – Kennedy Space Center - FL
  8. LaRC – Langley Research Center - VA
  9. MSFC – Marshall Space Flight Center - AL
  10. SSC – Stennis Space Center - MS



- America COMPETES Reauthorization Act of 2010

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

- Committee on Science, Technology, Engineering, and Math Education (CoSTEM)

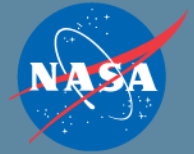
- <http://www.whitehouse.gov/administration/eop/ostp/nstc/committees/costem>

- [http://www.whitehouse.gov/sites/default/files/microsites/ostp/stem\\_stratplan\\_2013.pdf](http://www.whitehouse.gov/sites/default/files/microsites/ostp/stem_stratplan_2013.pdf)

Reference: America COMPETES Reauthorization Act of 2014

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





- NASA Strategic Plan 2014
- [http://www.nasa.gov/sites/default/files/files/FY2014\\_NASA\\_SP\\_508c.pdf](http://www.nasa.gov/sites/default/files/files/FY2014_NASA_SP_508c.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.
- FY2015 Complete Management and Performance Appendix
- [http://www.nasa.gov/sites/default/files/files/508\\_NASA\\_FY15\\_MP.pdf](http://www.nasa.gov/sites/default/files/files/508_NASA_FY15_MP.pdf)
  - Multi-year Performance Goal and Annual Performance Indicator (API)



- Grants, Cooperative Agreements and Contracts
- NASA Office of Small Business Programs (OSBP)
  - Mentor-Protégé Program (MPP)

<http://osbp.nasa.gov/mpp/index.html>



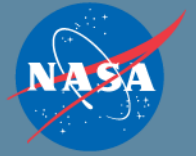
 > [Business Development and Technology](#) > [Mentor-Protégé Program \(MPP\)](#)

[OSBP Vision and Mission](#)

[How To Do Business with NASA](#)

**Mentor-Protégé Program  
(MPP)**





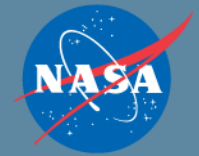
- Workforce Structure
  - At a minimum:
    - Business Office consisting of:
      - Proposal Development Team
      - Contracting (certified) professional
      - Project Management (certified) professional
      - Interns (opportunity for Business & Public Administration majors)
- Seek advice from consultants in the fields of contracting and program/project management to ensure the Business Office has the “right” skill set





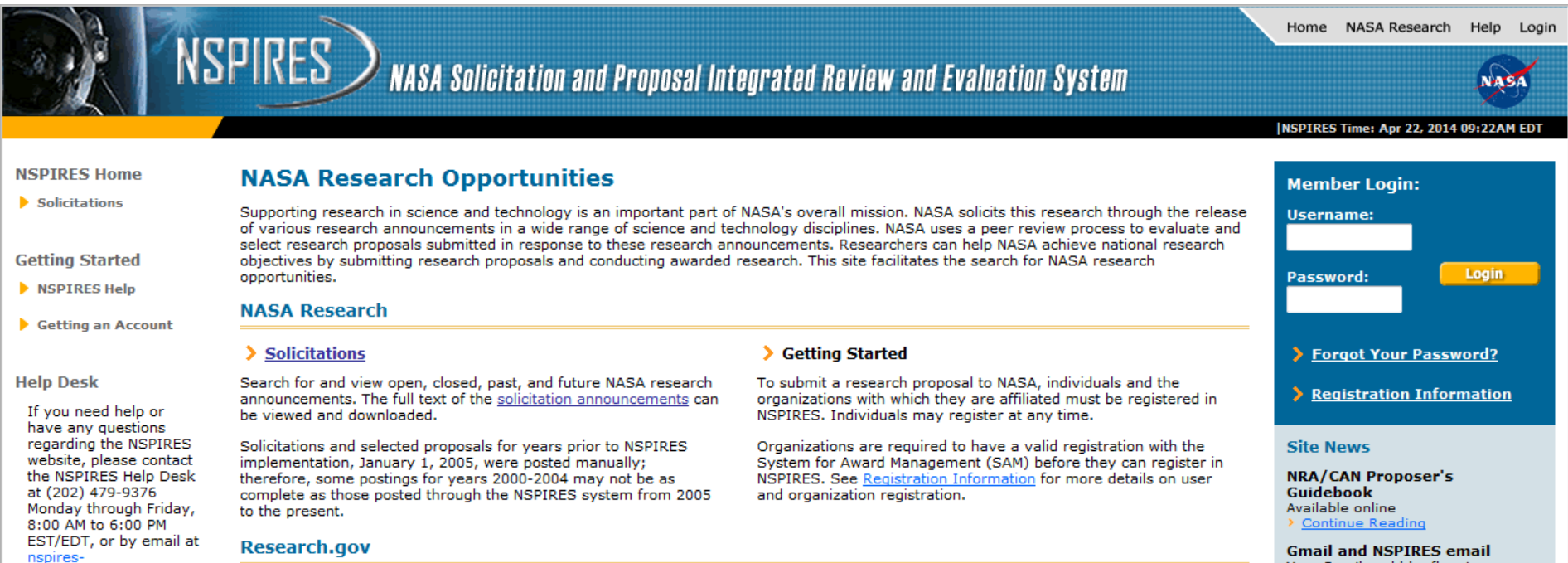
- Office of Small Business Programs
  - Tabisa Kalisa  
[tabisa.t.kalisa@nasa.gov](mailto:tabisa.t.kalisa@nasa.gov)  
(202) 358-1818
- Office of Procurement
  - Tania Davis  
[tania.b.davis@nasa.gov](mailto:tania.b.davis@nasa.gov)  
(202) 358-5266

# Where to find funding opportunities



- Grants (Grants and Cooperative Agreements)
- NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES)

<http://nspires.nasaprs.com/external/>



The screenshot shows the NSPIRES (NASA Solicitation and Proposal Integrated Review and Evaluation System) website. The header features the NSPIRES logo and the full name of the system. Navigation links include Home, NASA Research, Help, and Login. A timestamp indicates the page was last updated on April 22, 2014, at 09:22AM EDT. The main content area is titled "NASA Research Opportunities" and provides information about the research process, including a link to "Solicitations" and a "Getting Started" section. A sidebar on the left contains links to "Solicitations", "Getting Started", "NSPIRES Help", and "Getting an Account". A "Help Desk" section on the left provides contact information for users needing assistance. A "Member Login" section on the right includes fields for Username and Password, a Login button, and links for "Forgot Your Password?" and "Registration Information". A "Site News" section at the bottom right mentions the "NRA/CAN Proposer's Guidebook" and provides a link to "Continue Reading".

**NSPIRES Home**

- ▶ Solicitations

**Getting Started**

- ▶ NSPIRES Help
- ▶ Getting an Account

**Help Desk**

If you need help or have any questions regarding the NSPIRES website, please contact the NSPIRES Help Desk at (202) 479-9376 Monday through Friday, 8:00 AM to 6:00 PM EST/EDT, or by email at [nspires-](mailto:nspires-)

**NASA Research Opportunities**

Supporting research in science and technology is an important part of NASA's overall mission. NASA solicits this research through the release of various research announcements in a wide range of science and technology disciplines. NASA uses a peer review process to evaluate and select research proposals submitted in response to these research announcements. Researchers can help NASA achieve national research objectives by submitting research proposals and conducting awarded research. This site facilitates the search for NASA research opportunities.

**NASA Research**

- ▶ [Solicitations](#)
- ▶ [Getting Started](#)

**Search for and view open, closed, past, and future NASA research announcements. The full text of the [solicitation announcements](#) can be viewed and downloaded.**

Solicitations and selected proposals for years prior to NSPIRES implementation, January 1, 2005, were posted manually; therefore, some postings for years 2000-2004 may not be as complete as those posted through the NSPIRES system from 2005 to the present.

**Research.gov**

To submit a research proposal to NASA, individuals and the organizations with which they are affiliated must be registered in NSPIRES. Individuals may register at any time.

Organizations are required to have a valid registration with the System for Award Management (SAM) before they can register in NSPIRES. See [Registration Information](#) for more details on user and organization registration.

**Member Login:**

Username:

Password:

[Login](#)

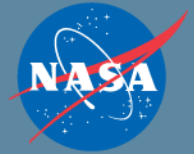
- ▶ [Forgot Your Password?](#)
- ▶ [Registration Information](#)

**Site News**

**NRA/CAN Proposer's Guidebook**  
Available online  
▶ [Continue Reading](#)

**Gmail and NSPIRES email**

# Where to find funding opportunities



- Education Opportunities in NASA STEM (EONS) – 2014
  - ALL MUREP Opportunities

**NSPIRES** NASA Solicitation and Proposal Integrated Review and Evaluation System

Home NASA Research Help Login

NSPIRES Time: Apr 14, 2014 07:17AM EDT

**NASA Research**

- ▶ Solicitations

**View Solicitations**

- ▶ Future
- ▶ Open
- ▶ Closed/Past Selected

**Office of Education**

**NASA Research Announcement**

**Education Opportunities in NASA STEM (EONS) 2014**

**Solicitation: NNH14ZHA001N**

**Dates**

Release	Mar 20, 2014
Close	Jan 31, 2015

**Announcement Documents**

- ▶ [EDUCATION OPPORTUNITIES IN NASA STEM \(EONS\) 2014 Solicitation](#)
- ▶ [TABLE 3: MUREP Solicited Activities](#)

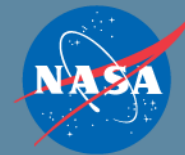
**Other Documents**

- ▶ [NASA Proposer's Guidebook](#)
- ▶ [Grant and Cooperative Agreement Handbook](#)

**Program Elements**

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

# Where to find funding opportunities



- Minority University Research and Education Project (MUREP) Community College Curriculum Improvement (MC<sup>3</sup>I)
  - Active Solicitation
  - Lead Institution must be a Minority Serving Institution (MSI) Community College
  - NOIs Due April 14, 2015 at 11:59pmEST
    - Mandatory – but will be accepted late
  - Proposals Due June 11, 2015 at 11:50pmEST
  - ~3-4 awards of up to \$300,000 each
  - Up to 3 year award
  - Please send all questions to Roslyn Soto at [roslyn.soto@jpl.nasa.gov](mailto:roslyn.soto@jpl.nasa.gov)



- **Historically Black Colleges and Universities (HBCUs)**

BARBER-SCOTIA COLLEGE
BENNETT COLLEGE
ELIZABETH CITY STATE UNIVERSITY
FAYETTEVILLE STATE UNIVERSITY
JOHNSON C. SMITH UNIVERSITY
LIVINGSTONE COLLEGE
N. C. A&T STATE UNIVERSITY
N. C. CENTRAL UNIVERSITY
ST. AUGUSTINE'S COLLEGE
SHAW UNIVERSITY
WINSTON-SALEM STATE UNIVERSITY

- **American Indian Alaska Native Serving Institutions**

Bladen Community College, Dublin
Fayetteville Technical Community College, Fayetteville
Robeson Community College, Lumberton
Southwestern Community College, Sylva
University of North Carolina at Pembroke, Pembroke



- **Predominantly Black Institutions**

Bladen Community College, Dublin

Chowan University, Murfreesboro

Durham Technical Community College, Durham

Edgecombe Community College, Tarboro

Fayetteville Technical Community College, Fayetteville

Guilford Technical Community College, Jamestown

Halifax Community College, Weldon

James Sprunt Community College, Kenansville

Lenoir Community College, Kinston

North Carolina Wesleyan College, Rocky Mount

Richmond Community College, Hamlet

Roanoke-Chowan Community College, Ahoskie

Wilson Community College, Wilson





- MUREP American Indian and Alaskan Native STEM Partnership (MAIANSP)
  - Active Solicitation – Center Specific
  - Lead Institution must be a American Indian and Alaskan Native Serving Institution (AIANSI)
  - Proposals Due June 23, 2015 at 11:59pmEST
  - ~2-3 awards
  - Total Budget is ~\$200,000
  - Up to 2 year award
  - Please send all questions to Torry Johnson (HE) at [NASAMAIANSP@nasaprs.gov](mailto:NASAMAIANSP@nasaprs.gov)



- American Indian and Alaska Native Serving Institutions

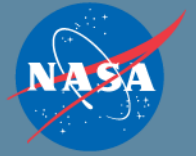
**Bladen Community College, Dublin**

**Fayetteville Technical Community College, Fayetteville**

**Robeson Community College, Lumberton**

**Southwestern Community College, Sylva**

**University of North Carolina at Pembroke, Pembroke**



- MUREP Educator Institutes (MEI)
  - Active Solicitation
  - Lead Institution must be a MSI
  - NOIs Due April 24, 2015 at 11:59pmEST
  - Proposals Due June 30, 2015 at 11:59pmEST
  - 1 awards (yes 1 award) up to \$1M a year
  - Up to 3 year award
  - Please send all questions to Chris Copelan at [NASAMEI@nasaprs.com](mailto:NASAMEI@nasaprs.com)



- NASA MUREP Aerospace Academy (MAA)
  - Active Solicitation
  - Lead Institution must be a MSI
  - NOIs Due April 14, 2015 at 11:59pmEST
    - Can be turned in late
  - Proposals Due June 11, 2015 at 11:59pmEST
  - Individual award values will range from \$100,000 - \$160,000 for year one and year two. Year three, sites will receive between \$80,000 - \$100,000 to ensure sustainable operations.
  - ~10 to 16 awards
  - Please send all questions to Darlene Walker at [darlene.s.walker@nasa.gov](mailto:darlene.s.walker@nasa.gov)



- MUREP Other Programs (MOO)
  - Active Solicitation
  - NOIs Due April 24, 2015 at 11:59pmEST
    - Can be turned in late
  - Proposals Due June 26, 2015 at 11:59pmEST
  - No specific budget is identified; selected proposals will be funded by the benefitting program.
  - Up to 500k (Fully Funded)
  - The number of proposals selected will be dependent on the availability of funds
  - Up to 3 year awards
  - Please send all questions to Misti Moore at [MUREPOPFAQ@nasaprs.com](mailto:MUREPOPFAQ@nasaprs.com)

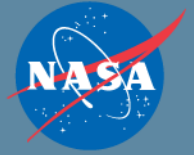


- Volunteer to be a reviewer
  1. Register in NSPIRES
  2. Email Tamra K. Ross at [tkross@nasaprs.com](mailto:tkross@nasaprs.com)
    - Registered in NSPIRES
    - Joeletta Patrick suggested I be a reviewer
- White paper on your science
  - No more than 3 pages
  - Email to Joeletta Patrick and I will FORWARD





- NASA Office of Education (OE) MUREP Advanced STEM Training and Research (ASTAR) Fellowship
  - Active Solicitation
  - Proposals Due May 5, 2015 at 11:59pmEST
  - \$50,000 for Masters
  - \$55,000 for Doctoral
  - ~10-15 awards
  - Up to 3 year awards
  - Please send all questions to Elizabeth Cartier at [NASA.fellowships@nasaprs.com](mailto:NASA.fellowships@nasaprs.com)



- NASA Internship, Fellowships, and Scholarships

<https://intern.nasa.gov/>

- Internship – precollege, 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

# Questions and Answers

