

2017 MUREP Other Opportunities (MOO): Principal Investigator's Meeting
Agenda: Monday, November 6 & Tuesday, November 7, 2017

JSC Guest Network:

User: grp2641

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Monday, November 6, 2017 • Johnson Space Center (JSC), Houston Texas

7:00 AM – 8:00 AM CST (1hour)	Breakfast at Springhill Marriott Suites
8:00 AM – 8:30 AM CST (30 min)	JSC Transportation – Travel to JSC from Springhill Marriott Suites
8:30 AM – 9:00 AM CST (30 min) B110	Badging
9:00 AM – 9:20 AM CST (20 min) B57, Rio Grande	Welcome & Introductions <i>Ms. Misti Moore</i> , JSC Minority University Research and Education Project Manager, MUREP Other Opportunities (MOO) Manager, & Institutional Engagement Lead <i>Ms. Joeletta Patrick</i> , Minority University Research and Education Project (MUREP) Manager, NASA Headquarters <i>Mr. Bob Musgrove</i> , Johnson Space Center Education Director, JSC
9:20 AM – 9:50 AM CST (30 min) B57, Rio Grande	Minority University Research and Education Project (MUREP) Overview <i>Ms. Joeletta Patrick</i> , Minority University Research and Education Project (MUREP) Manager, NASA Headquarters
9:50 AM – 10:10 AM CST (20 min) B57, Rio Grande	Evaluation Activities, Data Tracking, NEAR Reporting, Photo Releases <i>Ms. Kelly McCormick</i> , Expert User for OEPM at JSC <i>Ms. Crystal Del Rosso</i> , MUREP Other Opportunities (MOO) Project Administrator
10:10 AM – 10:45 AM CST (35 min) B57, Rio Grande	MOO Awardee Presentations (10 min. each) <ul style="list-style-type: none">❖ University of Hawaii Systems, <i>Dr. Dilmurat Azimov</i> Creating Engaged STEM Pathways for Hawaii's Underrepresented Students from High School to College Degree Completion (HESTEMP)❖ Howard University, <i>Dr. Prabhakar Misra</i> NASA Early Opportunities Program for Underrepresented Minorities in Earth and Space Sciences❖ Elizabeth City State University, <i>Dr. Linda Haydon</i> Pathways in Mathematics Education and Remote Sensing (PiMERS)
10:45 AM – 11:00 AM CST (15 min) B57, Rio Grande	Break
11:00 AM – 11:35 AM CST (35 min) B57, Rio Grande	MOO Awardee Presentations (10 min. each) <ul style="list-style-type: none">❖ University of Texas at El Paso, <i>Mr. Nathaniel Robinson</i> Model for Resource Reuse and Active Learning in Interdisciplinary STREAM

- ❖ Lawson State Community College, *Dr. Tracey Wilson*
Inspiring Tomorrows Leaders in Science and Engineering
- ❖ New York City College of Technology (CUNY), *Dr. Gaffar Gailani*
New Horizons in Space Additive Manufacturing and STEM Education

11:35 AM – 11:50 PM CST (15 min)
B57, Rio Grande

Open Discussion, Questions, and Comments

11:50 AM – 12:00 PM CST (10 min)

Travel to B3 Cafeteria

12:00 PM – 12:50 PM CST (50 min)
B3 Cafeteria

Lunch Onsite, B3 Cafeteria

12:50 PM – 1:00 PM CST (10 min)

Walk to B16 Systems Engineering Simulators

1:00 PM – 2:00 PM CST (1 hour)
B16, SES

STEM Authentic Experience Tour: Systems Engineering Simulators

Simulators include grappling the Space-X Dragon with the Remote Manipulator System (RMS) on the International Space Station (ISS), docking mechanism and tactics, and driving the Multi-Mission Space Exploration Vehicle (MMSEV) rover on Mars.

Ms. Meghan Daley, Automation and Robotic Systems

2:00 PM - 2:10 PM CST (10 min)
B57, Rio Grande

Travel to B57 & Break

2:10 PM – 2:15 PM CST (5 min)
B57, Rio Grande

Introductions

Ms. Evett Turner, STEM Project Analyst

2:15 PM – 2:45 PM CST (30 min)
B57, Rio Grande

NASA Technology Roadmaps & Future Research Priorities

Dr. Kamlesh Lulla, Director, University Collaboration and Partnerships Office, Former Chief Scientist for Earth Observations (Space Shuttle and ISS)

2:45 PM – 3:45 PM CST (30 min)
B57, Rio Grande

Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)

Mr. Charles Williams, JSC Senior Small Business Specialist

3:45 PM – 4:00 PM CST (15 min)
B57, Rio Grande

Open Discussion, Questions, and Comments

Ms. Evett Turner, STEM Project Analyst

4:00 PM – 4:30 PM CST (20 min)

JSC Transportation - Travel to Kemah, Texas

4:30 PM – 7:30 PM CST (3 hour)
Kemah Boardwalk

Kemah Boardwalk & Dinner at Red Sushi & Hibachi Grill

Tuesday, November 7, 2017 • Johnson Space Center (JSC), Houston Texas

7:15 AM – 8:15 AM CST (1 hour)

Breakfast at Springhill Marriott Suites

8:15 AM – 8:45 AM CST (30 min)

JSC Transportation - Travel to JSC from Springhill Marriot Suites

8:45 AM – 9:00 AM CST (10 min)
B57, Rio Grande

Special Remarks

Ms. Debbie Acosta Conder, Acting Director of External Relations
Mr. Arturo Sanchez, Acting Deputy Director of External Relations

9:00 AM – 9:30 AM CST (30 min)
B57, Rio Grande

Funding Opportunities with NASA's Space Technology Directorate

Mr. Diego Rodriguez, Educational Lead Space Technology Mission Directorate from NASA Headquarters, Washington DC

9:30 AM – 10:00 AM CST (30 min)
B57, Rio Grande

**Funding Opportunities with NASA's Science Mission Directorate
(via video)**

Hakeem Oluseyi Astrophysicist and Space Science Education Lead (*Invited*) with *Mary F. Sladek*, Program Manager, Science Engagement & Partnerships (SE&P), Science Mission Directorate from NASA Headquarters, Washington DC

10:00 AM – 10:30 AM CST (30 min)
B57, Rio Grande

Open Discussion, Questions, and Comments

10:30 AM – 10:40 AM CST (10 min)
Travel to B9

Travel time to B9

10:40 AM – 12:00 PM CST (1.5 hours)
B9

**STEM Authentic Experiences Tour: ISS, Robotics, MRV and HR
Lab**

Tour of the International Space Station Mock-Up and robotic division in the Space Vehicle Mock-Up (SVMF) Facility. Participants will have the opportunity to explore the Multi-Mission Space Exploration Vehicle (MMSEV) and get hands-on experience with the Hybrid Reality and Advanced Operational Concepts Lab.

Robotics & MRV Briefer: *Justin Ridley*, Automation & Robotic Systems
HR Lab Briefer: *Frank Delgado*, Engineer & Project Manager
ISS Briefer: *Crystal Del Rosso*, MOO Project Administrator

12:00 PM – 12:30 PM CST (30 min)
B57, Big Bend

**Working Lunch - NASA Internships, Fellowships, & Scholarship
(NIFS)**

Veronica Seyl, NASA Internships, Fellowships, & Scholarships Agency Manager
Trinesha Dixon, JSC Internships Manager

12:30 PM – 1:00 PM CST (30 min)
B57, Big Bend

**Outreach – How to Tell Your Story & Get the Recognition You
Deserve!**

Leah Cheshier, NASA Internships Communication Coordinator

1:00 PM – 1:15 PM CST (15 mins)

Break

1:15 PM – 1:35 PM CST (20 min)
B57, Big Bend

NASA Community College Aerospace Scholars (NCAS)

Karen Wilson & Alex Gladley-Lemon, NASA NSPACE Education Coordinators

1:35 PM – 1:55 PM CST (20 min)
B57, Big Bend

**Micro-g Neutral Buoyancy Experimental Design Teams (Micro-g
NExT)**

Katie Livingood, Micro-g NExT Coordinator

1:55 PM – 2:15 PM CST (20 min)
B57, Big Bend

NASA Suits

Brandon Hargis, STEM Engagement Strategist

2:15 PM – 2:45 PM CST (15 min)
B57, Big Bend

Open Discussion, Questions, and Comments

2:45 PM – 3:00 PM CST (15 min)
B57, Big Bend

Closing Remarks and Meeting Adjournment

3:00 PM – 3:30 PM CST (30 min)

JSC Transportation – Travel to Hotel

Contact Information:

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