The REU/URE OMPS program objective is to promote the professional development of minority undergraduate students through their participation in ocean, marine and polar science research. The program consists of undergraduate students from minority serving institutions; each student was assigned to a specific research team, where they worked closely with a faculty mentor. In addition, seminars, lunch meetings, and social functions were organized to facilitate undergraduate interaction. The project was conducted for eight weeks during summer 2013, with online mentoring and follow-up during the academic year 2013-2014. The program also includes a Research Experience for Teachers (RET) component, which involves pre-service STEM education majors.

**Upcoming Events**

- **2013 IGARSS, Melbourne Australia**  

- **Summer 2013 Workshop for MSI Faculty**  

- **NASA NICE Summer Workshop**  

- **ADMI Science Gateway Workshop**  

- **National Technical Association Conference**  

- **Celebration of Women in Math**  

- **Supercomputing Conference 2013**  

- **AGU Fall Meeting**  

**2013 Participating Institutions**

- University of California Berkley
- Spelman College
- Norfolk State University
- Elizabeth City State University
- Haskell Indian Nations University
- Virginia Union University
- Mississippi Valley State University
- Hamline University
- University of Kansas
- Winston Salem State University
- Fayetteville State University
- Jackson State University

http://nia.ecsu.edu/ureomps2013/  
(252) 335-3696
Using Common Core State Standards of Seventh Grade Mathematics in the Application of NXT LEGO® Robotics for CReSIS Middle School Students
Jessica Hathaway (ECSU), Ricky Dixon (MVSU), Malcolm McConner (ECSU), Mentor - Dr. Darnell Johnson

Use of Ground Penetrating Radar to investigating unnamed but known archaeological sites on North Carolina’s north eastern coastal plain including the shores of Albemarle Sound and the Chowan River area
Rashad Williamson (MVSU), Kelechi Onyiriuka (ECSU), Michael Cobb (ECSU), Mentor - Dr. Malcolm LeCompte

Terascan Curriculum Development and Integration of SeaSpace Technology into the Classroom
Courtney Farmer (ECSU), Kalyx McDonald (MVSU), Mentor- Mr. Je’aime Powell

Developing a Remote Sensing and Cloud Computing Curriculum for the Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI)
Jimil Perkins (NSU), Jazette Johnson (Spelman), Mentor: Mr. Jerome Mitchell

Anthony Lynn (WSSU), Robin Brice (FSU), Dorothy Brice (VUU), Mentor: Mr. Jeff Wood

Using CReSIS airborne RADAR to constrain ice-volume flux across the lateral margins of the Northeast Greenland Ice Stream
Michael Chamberlain (UCB), Emma Reeves (Hamline), Mentor: Mr. Peter Burkett

Bio
Mr. Swindell is a professional archaeologist, having served as project director for a variety of archaeological projects in the region. Research interests include archaeozoology, coastal adaptation, ceramics analysis and public education. He is currently with the North Carolina Department of Cultural Resources at the Museum of the Albemarle and a research associate for the First Colony Foundation.