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Best regards,
E. Rebecca Caldwell, Ph.D.

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Winston Salem State University, Caldwell@wsu.edu

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Vartech Services, Inc., alwatkins@vartechservices.com

Treasurer: Andrea Lawrence
Spelman College, Lawrence@spelman.edu

Vice-President for Programs: Linda Hayden
Elizabeth City State University, haydenL@mindspring.com

Secretary: Thorna Humphries
Norfolk State University, thumphries@nsu.edu

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Elva Jones - WSSU
William Lupton - MSU
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Membership Information

For individuals at Member Institutions: $25

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Institution Annual Membership Fee: $150/year
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Message from the President

Association of Computer and Information Science/Engineering Departments at Minority Institutions

The 2015 Symposium on Computing at Minority Institutions
Securing Cyberspace

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Securing Cyberspace

Emerging Researchers National Conference

The Emerging Researchers National Conference in Science, Technology, Engineering and Mathematics was hosted by the American Association for the Advancement of Science, Education and Human Resources Programs and the NSF Division of Human Resource Development on February 19-21, 2015. The conference was aimed at undergraduate and graduate students who participate in programs funded by the NSF, including underrepresented minorities and persons with disabilities.

The objectives of the conference were to assist students in enhancing their science communication skills and to better prepare for science careers in an international workforce. The conference included student poster and oral presentations along with workshops focused on strategies for success and funding in graduate school.

Students presenting included:
- Kahly McDonald - MVSU
- Deanna Mallard - MVSU (RET)
- Omar Owens - WSSU
- Tayla Fizell - MVSU (RET)
- Jamal Stevenson - MVSU
- Maya Smith - WSSU
- Tori Wilbon and Nigel Push - ECSU

ADMI 2014 Conference Highlights

Virginia Beach, Virginia

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IGARSS 2014 - Energy and Our Changing Planet

The 2014 IEEE Geoscience and Remote Sensing Symposium (IGARSS) / Canadian Symposium on Remote Sensing (CSRS) in Québec, Canada was held on July 13-18, 2014. The Symposium brought together world-class scientists, engineers and educators engaged in the fields of geoscience and remote sensing.

The symposium theme was “Energy and our Changing Planet” focused on the development of new and renewable sources of energy in the context of a changing planet. Several representatives from ADMI presented oral and poster presentations during the symposium.

Remote Sensing and Ground Penetrating Radar Survey Results for Possible Relocation Site of Ranoake Lost Colony
Michael Cobb, ECSU
Rashad Williamson, MVSU, Kelechi Onwumaka, ECSU

Utilizing ARCGIS in Education to Map a Glacier and Its Changes over Time
Alicia Reynolds, ECSU

TeraScan Curriculum Development and Integration of SeaSpace Technology into the Classroom
Kalyx McDonald, MVSU

Robin Brice, FSU, Dorothy Brice, VUU, Anthony Lynn, WSSU

The “How” of Glacial Stratigra for 1st Graders
Krystle Neal, HINU (RET)

IGARSS 2014 - Energy and Our Changing Planet

Summer 2014 Student Research Projects

Research Experience for Undergraduates Site - Arctic and Antarctic - Research Experience for Teachers - GEX

Geodetic Assessment of Volume and Surface Change of the Lemon Creek Glacier between 1948 and 2000
Maya Smith, WSSU

Apache Big Data Stack :: Tatyana Matthews, ECSU

Analyzing the Security Infrastructure of the Android Operating System :: Derek Norris, ECSU

Evaluating the Performance of MPI Java in FutureGRID
Nigel Pugh, Tori Wilbon, ECSU

Django for Cloudmesh :: Jefferson Ridgeway IV, ECSU

Calibration of hyperspectral VNIR imaging sensor, to assist in nanoparticle predictions :: James Headen, ECSU

Ground Penetrating Radar Survey of Edenton Green for Early Structural Remains
Dominique Marshall, JSU, Shaneecia Beckworth, MVSU

Site Preparation for 3.6 m X/L Band and 3.7 m C-Band Ground Stations :: Antonio Guion, Anthony Meadows, ECSU

A comparative study to the 2011/2013 water quality assessments in the Pasquotank Watershed in Northeastern North Carolina with a sea level rise component
Raveen McKenzie, Jamal Stevenson, MVSU

Isotopic Signatures of Rain and Snow in the Janece Icefield Snowpack :: Yo'Shonti Bridgers, ECSU

PlotViz: The next visualization tool in bioinformatics
Kaliq Satchell, ECSU

27 Students Received CReSIS Scholarships to Attend ADMI 2014

Each of the 27 students receiving CReSIS scholarships presented their research project in either oral or poster format during the symposium at the West Virginia Beach Town Center. Students also received certificates acknowledging their potential as CReSIS researchers and a cash award.

NSF CReSIS Final Site Visit

On October 7-8, 2014, ADMI representatives participated in the final CReSIS site visit at the National Science Foundation. ADMI has been a full partner in CReSIS since 2010. Representatives from NSF and various other institutions made up the review panel while others from institutions affiliated with the CReSIS program also were present. Students taking part in CReSIS research presented during the poster session.

CReSIS is a Science and Technology Center established by the NSF in 2005 with the mission of developing new technologies and computer models to measure and predict the response of sea level change to the mass balance of ice sheets in Greenland and Antarctica.