Welcome to this edition of the ADMI newsletter. ADMI is an organization whose purpose is to develop activities that benefit faculty and students in STEM related departments at minority institutions. We invite new institutions and individuals at minority institutions to join ADMI and become active members.

Welcome to A'4RC

The A’4RC serves as a force to increase African-Americans’ entry into computing research careers, including the professoriate; support new faculty in maximizing their career potential; and produce a steady progression of role models for undergraduate students, indirectly increasing the participation of African-Americans in computing professions more generally.

The aim of the Alliance is to broaden participation in computing by African-Americans. Goals are to:

* Increase the diversity of computing graduates entering the workforce and faculty careers
* Increase the quality of computing programs at HBCUs
* Increase the ability of research universities to work effectively with diverse populations
* Increase the diversity of the professoriate and the ability of HBCUs to attract excellent faculty
* Create lasting partnerships between HBCUs and research universities
* Create partnerships with industry in support of the goals of broadening participation in computing generally.

The Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI) was founded in August 1989. It was established as a national organization dedicated to exploring and providing remedies to the educational issues in computer/information science and computer engineering that confront minority institutions of higher education.

Each year, the Association of Computer and Information Science/Engineering Departments at Minority Institutions (ADMI) hosts a symposium devoted to computing issues relevant to minority students, education and institutions. An important facet of the symposium is the opportunity to explore collaborations between major research institutions, industry and minority institutions.

For Individuals at Member Institutions: $25
For Individuals at Non-Member Institutions: $30

Membership Information

Upcoming Events

ADMI Regional Faculty Workshop
June 7-10, 2011
Elizabeth City State University
Room 229 Dixon-Patterson Hall
http://admiusa.org/

Research Experience for Undergraduates
May 23 - July 15, 2011
Elizabeth City State University
http://nia.ecsu.edu/ure.pdf

ACM SIGCSE 2011: Reaching Out
The 42nd ACM Technical Symposium on Computer Science Education
March 9-12, 2011, Dallas, Texas, USA
http://www.sigcse.org/sigcse2011/
Congratulations to the 2010 Student Research Winners

Undergraduate Posters
Howard Sweing, Eric Irvin-Williams, Thresa Wells
Rashida Slater, Jamahrae Jackson

Graduate Poster
Jerome Dunbar (Clemson)

Graduate Oral Paper
1st Jejaime Powell
2nd Saikow Camara

Students Who Received CReSIS Scholarships to Attend ADMI 2010

LaEsha Barnes, MVSU
Robyn Evans, ECSU
Thaddious Fairley, MVSU
Stanley Haley, Auburn

Author Billingsley, NSU
Cedric Hall, ECSU
Erik Irvin-Williams, NSU

Jenaelle Coleman, MVSU
Jamahrae Jackson, Howard

Rashidah Slater, Spelman
Frensha Slaughter, Alcorn
Howard Sweing, Howard

Thresa Wells, Spelman
Maynard Yates, FAMU
Arielle Baine, Spelman

Jude Desti, FAMU
Jonathan Henderson, MVSU
Shakelia McCoy, MVSU

Jerome Mitchell, U. Kansas
Je‘aime Powell, ECSU
MyAsia Reid, ECSU

Laquanta Sunter, FAMU
DeMarcus Thomas, MVSU

Cloud Computing Strategy Session @ ECSU
The Association of Computer and Information Science and Engineering Departments at Minority Institutions (ADMI) held a board meeting and strategy session at Elizabeth City State University on December 15, 16, and 17, 2010. The meetings were held at the Center of Excellence in Remote Sensing Education and Research (CERSER) in Dixon-Patterson Hall.

The ADMI board was welcomed by Dr. Harry Bass, Dean of the School of Mathematics, Science and Technology.

The strategy session focused on Cloud Computing. This session featured speakers such as Dr. Geoffrey Fox of Indiana University who spoke on his project FutureGrid. Dr. Fox was the General Chair of the 2nd IEEE International Conference on Cloud Computing Technology and Science held at Indiana University in December, 2010. Dr. Fox’s Powerpoint presentation can be found here and here in PDF format. Two others who attended the Cloud Computing Conference, Dr. Felicia Doswell and Dr. Aurelia Williams of Norfolk State University, joined the meeting via videoconference and presented information gathered while at the conference.

On Friday the strategy session continued with presentations from the following individuals regarding their programs:

- **ADMI Partnership with the NSF Science & Technology Center for Remote Sensing of Ice Sheets (CReSIS)**
  - Dr. Andrea Lawrence, CReSIS ADMI Co-PI, Spelman University
  - Dr. Linda Hayden, CReSIS Co-Principal Investigator, Elizabeth City State University

- **ADMI Partnership with A4RC**
  - Dr. Juan Gilbert, A4RC Principal Investigator, Clemson University
  - Dr. Loretta Moore, A4RC Co-Principal Investigator, Jacksonville State University

- **Future collaborations with the NSF S&T Center for Collaborative Adaptive Sensing of the Atmosphere (CAS)**
  - Dr. Paula Sturdevant, University of Massachusetts Amherst


**Summer 2010 Student Research Projects**

**Application of GIS to the Effective Management of Gully Erosion in Anambra State**
John Oraelo, ECSU

**Survey of Post Last Glacial Maximum Environment: Unusual Soil Constituents in Rocky Rock Bay Stratigraphy**
Ryan Lawrence, ECSU :: Kiara Jones, St. Aug

**Establishing a Baseline of Water Quality along the Coast of Northeastern North Carolina in Response to the Deepwater Horizon Oil Spill**
TaAlira Brown, NSU :: Jamal Pearce, St. Aug :: Ronald Williams, FSU

**The Results of Data Collected from Surveys to Predict the Effectiveness of Undergraduate Research Experience in Ocean, Marine, and Polar Science Program (2009) and Virtual Conferences (2010)**
Dalesha Cartman, MVSU :: Marvin Elder II, MVSU

**Visualization of Ice Sheet Elevation Data Using Google Earth & Python Plotting Libraries**
Ryan Lawrence, ECSU :: Kiara Jones, St. Aug

**Visualization of the Physical Optics Method**
Dalesha Cartman, MVSU :: Marvin Elder II, MVSU

**Security Module for the SALSA Portal**
Joshua Rhodes, ECSU :: Derrick Griffin, WSSU

**Data Clustering Analysis and Visualization**
Joyce Bevins, ECSU :: Cortnie Wright, MVSU

**Visualization of Ice Sheet Elevation Data Using Google Earth & Python Plotting Libraries**
Ryan Lawrence, ECSU :: Kiara Jones, St. Aug

**Autonomous GPS Guided Watercraft**
Amadi Sefah-Twerefour, Linda Buame, George Owusu

**Visualization of Ice Sheet Elevation Data Using Google Earth & Python Plotting Libraries**
Ryan Lawrence, ECSU :: Kiara Jones, St. Aug