



IEEE Geosciences and Remote Sensing Chapter
Eastern North Carolina Section – R30171, GRS29
Minutes for October 10, 2008



Present Chair: Dr. Linda Hayden

In attendance:

Alex Doyal	Deauna Froneburger	Jinchun Yuan	Lottie Nolan	Serenity Pender
Bernard Lynch	Derontae Crandall	Joal Hathaway	Marcellus Sims	Shauntavia Sawyer
Brandon Lindstrom	Drew Spence	Johnathon Poston	Michael Austin	Sterling Brown
Bryce Carmichael	Eric Akers	Jordan Riley	Michael Jefferson	Tevin Baskerville
Caneisha Newsome	Ernest Wilson	Joyce Bevins	MyAsia Reid	Thomas Smith
Chelsea Vick	H. Leon Pringle	Justin Deloatch	Nahdyir Thomas	Tracy Buchanan
Christopher Burnette	Jeaime Powell	Kanika Jones	Nathan Hampton	Triston Bonds
Chudney Hill	Jean Bevins	Kay Wittenberg	Patrina Bly	Unquiea Wade
Cynthia Warrick	Jeff Wood	Keiosha Moon	Robyn Evans	Xavier Mitchell
Darnell Johnson	JerNettie Burney	Lee Godley III	Ryan Statzer	Zach Stone
Daron Harris	JerQuan Riddick	Lee Smalls Jr.	Ryan Winder	

1. The last IEEE meeting was held on October 10, 2008.
2. The meeting was called to order by the chapter President, Dr. Linda Hayden.
3. The minutes were read by Mr. Jeff Wood, ECSU GRSS Branch Secretary. The minutes were accepted as read.
4. Dr. Hayden spoke about the past GRSS lectures and events including the 2008 IGARSS Symposium. Students who attended IGARSS 2008 spoke of their experiences (MyAsia Reid, Patrina Bly, Unquiea Wade). Presenters at IGARSS 2008 included:
Dr. Darnell Johnson, Chair of the Mathematics and Computer Science Department - "You Be the Polar Scientist: Design and Implementation of Underrepresented K-12 Student Involvement in Knowledge Transfer Activities Related To Remote Sensing Of Ice Sheets"
Dr. Malcolm LeCompte - "Measuring the Temperature of Polar Ice Sheets"
Unquiea Wade - "Airborne Measurement of Snow Thickness Over Sea Ice"
Kaiem Frink - "Overcoming Bandwidth and Satellite Communications Limitations to Accelerate Applications of Remote Sensing and High Performance Computing for African Development: Contributions from Egypt, Nigeria and South Africa"
5. Mr. Je' Jaime Powell, President of the ECSU GRSS Branch, then opened a meeting of the student branch chapter. Minutes for this meeting can be found at the student branch site: <http://nia.ecsu.edu/ieee/student/>
6. The IEEE Eastern North Carolina Executive Committee and membership update was given by Dr. William Porter, GRSS chapter vice president. Topics covered included:
 - a. Watershed Watch Program Opportunities
 - b. Membership application process
 - c. IEEE- Eastern North Carolina Section Award Luncheon
7. A welcome to the Distinguished Lecture was given by Dr. Darnell Johnson, Chair of the Department of Mathematics and Computer Science. He acknowledged participation of the CREsis partners by way of video conference.
8. The guest speaker was introduced by Dr. Eric Akers, ECSU Assistant Professor with CERSER.
9. Our speaker was Dr. Gerald Benitz, PhD, Electrical Engineering, University of Wisconsin–Madison. His lecture was titled "Adaptive SAR Results with the LiMIT Testbed." Dr. Benitz spoke on the research being conducted at MIT Lincoln Laboratory and the opportunities for students. MIT Lincoln Laboratory is a federally funded research and development center which applies advanced technology to problems of national security. His presentation gave the participants a basic tutorial on SAR and its uses. He then

presented his research into Synthetic Aperture Radar (SAR) and the advances being made in Adaptive Signal Processing. The goal of his work is to increase the resolution of radar systems without increasing the size of the antenna.

10. Dr. Cynthia Warrick, Dean of the School of Mathematics, Science and Technology closed the meeting and presented a certificate of appreciation to Dr. Benitz.
11. The meeting was adjourned and followed by a reception and research poster session which included members of the high school program Burroughs Wellcome Fund who presented their summer research posters.