

Karitsa G. Williams

Current Address:

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OBJECTIVE

To obtain all the necessary skills to pursue degrees leading to a master's degree in the area of remote sensing.

EDUCATION

Elizabeth City State University Elizabeth City, N. C.
Anticipated Graduation Date : May 2006
Major: Computer Science
Minor: GIS/Remote Sensing
GPA: 3.5/4.0

RESEARCH EXPERIENCES

May 23 - July 22, 2005 NOAA Center for Coastal Fisheries and Habitat Research; Beaufort, NC

--NOAA EPP Intern; Mentors- Dr. Jud Kentworthy and Don Field
--Project- "Mapping seagrass in North Carolina's Core and Bogue Sound using remote sensing"

January-April 2005 Elizabeth City State Univ; Elizabeth City, NC

--Geology Research Team; Mentor- Dr. Lloyd Mitchell
--Generated a database of seismic activity for Mt. St Helens for year 2004

May 17 -July 23 2004 NOAA Center for Coastal Fisheries and Habitat Research; Beaufort, NC

--NOAA EPP Intern; Cetacean and Sea Turtles Team; Mentors- Dr. Aleta Hohn and Dr. Jon Hare
--Project- "The relationship between SST and Sea Height on stranding of harbor porpoise along NC coast"

September 2003-April 2004 Elizabeth City State Univ; Elizabeth City, NC

--Member of Remote Sensing Team; Mentor- Keisha Wilkins
--Processed hrpt data from the NOAA satellite and decrypted SeaWiFS data from the OrbView-2 satellites

June 2-July 18,2003 Norfolk State University Norfolk, VA

-- RESS (Researching Earth System Science) Internship program; Mentor- Dr. Raj Chadhury
-- Created 3D module on how disasters effect a small country

September 2002-April 2003 Elizabeth City State Univ; Elizabeth City, NC

-- Member of Remote Sensing Team; Mentor- Keisha Wilkins
-- Used TeraScan 3.0 System to modify raw images using LINUX

TECHNICAL SKILLS & TRAINING

Hardware: Gateway PC and Macintosh PC.

Software: Microsoft Word, Excel, Power Point, Access, C++, Internet Explorer, TI-83 Plus calculator

Training: UNIX, LINUX, Satellite Imagery, HTML, Microsoft Frontpage, JavaScript, Dreamweaver, ArcView GIS

AWARDS RECIEVED

- Honor Roll-Fall 2002
- Office of the Naval Research Scholarship Award
- NOAA 2003-2006 Scholar
- Vice Chancellor's List Fall 2004
- Academic Award-Tennis 2004
- National Deans List 2004-2005

CONFERENCES

- Research in the Capital in Raleigh,NC; April 12, 2005
Poster Presentation Made-"Relationship Between Sea surface Temperature and Sea Height on Strandings of Harbor Porpoise"
- NOAA Educational Science Forum in New York, NY; Oct. 21-23, 2004
Poster Presentation Made-"Relationship Between Sea surface Temperature and Sea Height on Strandings of Harbor Porpoise"
- IEEE- IGARSS Conference in Anchorage, Alaska; Sept. 19-25, 2004 Poster Presentation Made-"Disaster Agency Readiness: Predicting And Preparing For El Nino, La Nina Southern Oscillation (ENSO), And North Pacific Oscillation (NPO)" *Paper Published
- 17th Annual ADMI Conference - May 20, 2004 - May 22, 2004 Holiday Inn Capitol - Orland, FL
- LS-LAMP Conference in New Orleans, LA; Nov. 21-23, 2003
- Women of Color Conference in Nashville, TN; Sept. 11-13, 2003
- Fourth Expanding Opportunities Conference in Tallahassee, FL; March 30-Apr.1, 2003
Poster Presentation Made-"Documentation of TeraScan 3.0 System Installation at ECSU
- 12th Annual SOARS Conference in Raleigh, NC; Nov. 8, 2002

MEMBERSHIPS

- Secretary-Freshman Class 2002-2003
- ONR Research Student 2002-Present
- Secretary-Math Club 2003-2004
- Treasurer-National Society of Black Engineers (NSBE)2003-2204
- Member of Association of Computing Machinery (ACM) 2003-2004
- IEEE Student Member 2003-Present
- Vice President of Students Athletic Activities Council (SAAC) 2004-2005
- President of Alpha Kappa Alpha Sorority, Incorporated 2005-Present

REFERENCES AVAILABLE REQUEST