

# Karitsa G. Williams

## Permanent Address

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## Current Address

1704 Weeksville Road CB# 672  
Elizabeth City State University  
Elizabeth City, NC 27909

## OBJECTIVE

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

## EDUCATION

Elizabeth City State University Elizabeth City, N. C.  
Graduation Date: May 6, 2006  
Major: Computer Science  
Concentration: GIS/Remote Sensing  
BS Degree in Computer and Information Science  
GPA: 3.59/4.0

## RESEARCH EXPERIENCES

### January – April 2006 ONR/NERTS Program Elizabeth City State University; Elizabeth City, NC

--Project--"Deploying Wireless (WAN) on the campus of Elizabeth City State University-Mentor: Kuchumbi Hayden  
-- Project involved installing and configuring access points in two locations on the campus of ECSU where antennas will have one hundred percent coverage throughout each building

### 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 Sea grass 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 the 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 the 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 Sea Wifs 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 machines

## WORK EXPERIENCE

### September 2005-Present Lab Assistant

Elizabeth City State University Elizabeth City, NC  
ONR/NERTS Program

--Assisted with lab requisitions, inventory and clean-up and conducted research related to major

### September 2004-May 2006 Peer Tutor

Elizabeth City State University Elizabeth City, NC  
Division of General Studies

--Tutored peers in Math, Geography and Computer Science

## **TECHNICAL SKILLS & TRAINING**

Hardware: Gateway PC, Macintosh PC, UNIX

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

Training: UNIX, LINUX, Satellite Imagery, HTML, Microsoft Frontpage, Dreamweaver, ArcView GIS, MatLab, Mathematica, MAPLE, Scientific Workspace, Geometer's Sketch Pad, MINITAB

## **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

--Chancellors List Fall 2005

--Center of Excellence in Remote Sensing (CERSER) Senior Award Spring 2006

## **CONFERENCES and PRESENTATIONS**

--State of North Carolina Undergraduate Research Symposium; Raleigh, NC; November 12, 2005  
"Relationship Between Sea Surface Temperature and Sea Height on Stranding of Harbor Porpoise"

--Research in the Capital in Raleigh,NC; April 12, 2005

"Relationship Between Sea Surface Temperature and Sea Height on Stranding of Harbor Porpoise"

--NOAA Educational Science Forum in New York, NY; Oct. 21-23, 2004

"Relationship Between Sea surface Temperature and Sea Height on Stranding of Harbor Porpoise"

--IEEE- IGARSS Conference in Anchorage, Alaska; Sept. 19-26, 2004

"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; 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

"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-GRSS Student Member 2003-Present

--Vice President of Students Athletic Activities Council (SAAC) 2004-2005

--President of the Delta Theta Chapter of Alpha Kappa Alpha Sorority, Incorporated 2005-2006

## **REFERENCES AVAILABLE REQUEST**