

RYAN D. LAWRENCE

ryan.d.lawrence@gmail.com

OBJECTIVE

To further obtain knowledge and research experience that will enhance my professional skills and ultimately prepare me for future studies at a graduate and Ph.D. program in the Environmental Science field.

EDUCATION

Elizabeth City State University 2009-Present
Elizabeth City, NC
Major: Chemistry
Cumulative GPA: 4.0
Expected Graduation: May 2012

PROFESSIONAL SKILLS

ArcGIS 10 ENVI 4.3
MATLAB Microsoft Visual Studios C++
Hitachi S-3200N Scanning Electron Microscope Yellow Springs instruments (YSI) 85, 625, Pro
Linux

CERTIFICATIONS

Cardiopulmonary Resuscitation (CPR) Boating Safety (United States Coast Guard)

AWARDS AND HONORS

Who's Who Among Students In American Universities And Colleges 2011
Outstanding University of North Carolina Campus Scholar (Sophomore) 2011
Center of Excellence for Remote Sensing Education and Research (CERSER) Fall 2010 - Present
Research Scholarship
Excellence in Learning Award with Highest Honors in Chemistry Fall 2010 - Present
Chancellor's List Fall 2009 - Present
Elizabeth City State University Honors Program Fall 2009 - Present

RESEARCH EXPERIENCE

Developing a Method for Estimating Accumulation Rates using CReSIS airborne Snow Radar Summer 2011
Elizabeth City State University
Elizabeth City, NC
Mentors: Ms. Brooke Medley (UW), Dr. Ian Joughin (UW)

Validation of the 2003 Antarctic Groundling Line through the use of ENVI Fall 2010- Spring 2011
CERSER at Elizabeth City State University
Elizabeth City, NC
Mentor: Dr. Malcolm LeCompte (ECSU)

"Survey Of Post-Last Glacial Maximum Environment: Unusual Soil Constituents in Rockyhock Bay Stratigraphy" Summer 2010
Undergraduate Research Experience in Ocean, Marine, and Polar Sciences 2010
Elizabeth City State University, Elizabeth City, North Carolina
Mentor: Dr. Malcolm LeCompte (ECSU)

Human Impacts on the Water Quality of the Pasquotank, (2009) Summer 2009
National Science Foundation - Watershed Watch 2009
Elizabeth City State University, Elizabeth City, North Carolina
Mentor: Professor Jeff Schloss (UNH)

PRESENTATIONS

University of New Hampshire Undergraduate Research Conference
Interdisciplinary
Poster Presentation

April 2011
University of New Hampshire
Durham, NH

Elizabeth City State University Research Week
University Partnerships
Oral Presentation

February 2011
Elizabeth City State University
Elizabeth City, NC

Elizabeth City State University Internship Roundtable
Oral Presentation

November 2010
Elizabeth City State University
Elizabeth City, NC

Elizabeth City State University Research Week
UNH Partnership Seminar and Reception
Poster presentation

February 2010
Elizabeth City State University
Elizabeth City, NC

American Geophysical Union
Poster Presentation

December 2009
San Francisco, California

State of North Carolina Undergraduate Research and Creative
Symposium (SNCURCS)
Poster Presentation

November 2009
University of North Carolina at Wilmington
Wilmington, NC

MEMBERSHIPS

Alpha Phi Alpha Fraternity, Inc (Vice President, Beta Zeta Chapter)

20011-present

Institute of Electrical and Electronics Engineers (IEEE)

2010-Present

IEEE GRSS Student Chapter # 66221
(Vice-President)

2010-Present

American Geophysical Union (AGU) 2009-present

2010-Present

Elizabeth City State University Honors Program

Fall 2009- Present

Community Service/Volunteer Experience

Mathematics Tutor
H.L. Trigg Community School

Fall 2010
Elizabeth City, NC

Teacher's Assistant/Mathematics Tutor
Motivation, Opportunities, Determination, Excellence, and Leadership
(M.O.D.E.L) Scholars

Summer 2010-2011
Elizabeth City State University
Elizabeth City, NC