

SAVANNAH Y. WILLIAMS

CONTACT INFORMATION

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CAREER INTEREST To obtain a Master of Science and Ph.D in Marine Biology

EDUCATION

2002-2006 Alabama State University, Montgomery, Alabama, B.S., Marine Biology, Cum Laude

1998-2002 Nashville School of the Art, Honors Diploma

RESEARCH EXPERIENCE

August 2006-
Present Dauphin Island Sea Lab Marine Environmental Science Consortium, Marine Ecology Internship
Dauphin Island, AL
Project: Help conduct research on several projects currently being conducted in various benthic communities. Conducted research on predation rates of the pinfish, *Lagodon rhombodes*, on grass shrimp, *Palaemonetes pugio* in different seagrass densities.

Summer 2005 National Science Foundation Research Experience for Undergraduates/Dauphin Island Sea Lab Marine Environmental Science Consortium, Dauphin Island, AL
Project: Effects of Nutrients Inputs from Mobile Bay on *Ruppia maritima* in Coastal Alabama
Studied the potential effects of anthropogenic nutrients draining into Mobile Bay on *Ruppia maritima* growth and uptake.

Summer 2004 Dauphin Island Sea Lab Marine Environmental Science Consortium, Lab Assistant (Volunteer)
Dauphin Island, AL
Project: A Field Study of the Effects of Increasing Human Populations on Coastal Wetlands
Assisted with various projects in the marine ecosystems lab at Dauphin Island Sea Lab

August 2004-
May 2006 National Institute of General Medical Sciences/ Federation of American Societies for Experimental Biology/Minority Access to Research Careers Program (MARC),
Alabama State University Montgomery, AL
Project: Isolation of the Pax1 Promoter for Expression Analysis
Using a plasmid construct containing the presumptive promoter region of the Pax1 gene to study the interactions between HoxA3 and Pax1 genes

August 2002-
May 2004 Student Training Access to Research Techniques Program (START), Alabama State University
Montgomery, AL
Project: Plasmid Preparations for Expression Analysis of pNotB Plasmid
Using various molecular biology techniques to construct a plasmid containing the presumptive promoter region of Pax1 gene.

June -August
2001 Durfee Foundation/Earthwatch Institute Student Challenge Award, Cuatro Ciénegas, Coahuila,
Mexico
Project: Evolution and Conservation of the Endemic Fishes of Cuatro Ciénegas Protected Natural Area
Using various collection methods examined morphological differences in cichlids, *Herichthys minckleyi*

TEACHING EXPERIENCE

June-August 2006 Dauphin Island Sea Lab Graduate Teaching Assistantships
Classes: Coastal Geomorphology, Marine Biology, and Marine Invertebrates

WORK EXPERIENCE

January 2007- Present Dauphin Island Sea Lab Marine Ecology- Lab Technician

August 2003- May 2006 Alabama State University- Resident Assistant

June 2000- May 2002 Rutherford, Demarco, & White Attorneys at Law- Secretarial Assistant

PROFESSIONAL CERTIFICATIONS/ SKILLS

2001 PADI SCUBA Certification

AWARDS/FELLOWSHIPS/SCHOLARSHIPS

2002-2006 Alabama State University Academic Scholarship

2002-2006 Organized Neighbors of Edgehill/Barnes Scholarship

2005 Alabama State University Biological Research Department Student of the Year 2005

2002-2006 Alabama State University Dean's List/Academic Excellence Department of Biological Sciences

2004 Dauphin Island Sea Lab Student Fellowship

2002-2003 JW Walker/Rotary Club/ Scholarship

2002 Nashville School of the Arts Community Service Scholarship

July-August 2001 Durfee Foundation/Earthwatch Institute Student Challenge Award

ORAL/POSTER PRESENTATIONS

February 2006 American Society of Limnology and Oceanography Aquatic Sciences Meeting/ Multicultural Program - Santa Fe, NM
Poster: Effects of Nutrients Inputs from Mobile Bay on *Ruppia maritima* in Coastal Alabama

August 2006 American Society of Plant Biologist/ Canadian Society of Plant Physiologists- Boston, MA
Poster: Effects of Nutrients Inputs from Mobile Bay on *Ruppia maritima* in Coastal Alabama

March 2006 College of Arts and Science 2006 Research and Creative Activity Symposium Alabama State University- Montgomery, AL
Oral Presentation: Effects of Nutrients Inputs from Mobile Bay on *Ruppia maritima* in Coastal Alabama

November 2005 Annual Biomedical Research Conference for Minority Students- Atlanta, GA
Poster: Effects of Nutrients Inputs from Mobile Bay on *Ruppia maritima* in Coastal Alabama

- August 2005 Dauphin Island Sea Lab/ National Science Foundation Research Experience for Undergraduates Symposium- Dauphin Island, AL
Oral Presentation: Effects of Nutrients Inputs from Mobile Bay on *Ruppia maritima* in Coastal Alabama
- March 2005 College of Arts and Science 2005 Research and Creative Activity Symposium Alabama State University- Montgomery, AL
Oral Presentation: A Field Study of the Effects of Increasing Human Populations on Coastal Wetlands
- November 2004 Annual Biomedical Research Conference for Minority Students- Dallas, TX
Poster: A Field Study of the Effects of Increasing Human Populations on Coastal Wetlands
- March 2004 College of Arts and Science 2004 Research and Creative Activity Symposium, Alabama State University- Montgomery, AL
Poster: Isolation of the Pax1 Promoter for Expression Analysis
- March 2003 College of Arts and Science 2003 Research and Creative Activity Symposium, Alabama State University- Montgomery, AL
Poster: Plasmid Preparations for Expression Analysis of pNotB Plasmid

MEMBERSHIPS

- 2007 American Society of Limnology and Oceanography
- 2006-Present American Society of Plant Biologist
- 2005- Present Sigma Alpha Iota International Music Fraternity for Women
- 2003- 2006 Beta Kappa Chi, Scientific Honor Society
- 1999- Present National Association of Black SCUBA Divers, NABS

REFERENCES

- Dr. Kenneth L. Heck, Jr. Dauphin Island Sea Lab 251.861.7533 Kheck@disl.org
- Dr. Audrey Napier Alabama State University 334.229.4135 Anapier@alasu.edu