

CARRIE A. FRASER

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SUMMARY

- Performed a variety of molecular based techniques including PCR, sequencing, digestion, ligation, and cloning.
- Gained field experience through programs in San Salvador and Maine. Activities included nutrient testing, plankton studies and water chemistry
- Currently enrolled in a PhD program in Biological Oceanography at Rutgers University

EDUCATION

- Fall 2003 Rutgers University New Jersey
▪ Pre-Qualification Doctoral Candidate in Biological Oceanography
- May 2001 The George Washington University Washington, DC
▪ B.S., Biological Sciences
▪ Magna Cum Laude, GPA of 3.65 (4.0 scale)
▪ Member, The National Society of Collegiate Scholars
▪ Member, Phi Eta Sigma Honor Fraternity
▪ Laboratory courses include: general ecology, marine biology, microbiology, invertebrate zoology, tropical marine biology, Maine ecology, organic chemistry
- Fall 2000 Glasgow University Glasgow, Scotland
▪ Life and Biological Sciences program

EXPERIENCE

- February 2002-August 2003 *Research Associate* Edge Biosystems, Inc.
Gaithersburg, MD
▪ Developed two new products for PCR purification
▪ Duties included: PCR, sequencing, digestion, ligation, cloning
▪ Responsible for running samples on an Agilent 1100 Series HPLC system
▪ Responsible for instructing sales staff on the usage and background of a number of products
- June 2001 *Field Studies* The George Washington University
Castine, Maine
▪ Participated in program that emphasized the application of ecological and oceanographic research techniques in a temperate-boreal coastal environment. Investigations included bioassays, coliform tests, nutrient tests, salinity tests, and pH examinations
- June 2000 *Field Research/Studies Project* The George Washington University
San Salvador, Bahamas
▪ Participated in allograft study with *Eunicea mammosa*