# Farrah L. Hall

1095 River Bay Rd
Annapolis, MD 21401
(813) 810-6041
Farrah.Hall@gmail.com


## *Education*:

May 2003 B.A., Biology, St. Mary's College of Maryland, St. Mary's City, MD
G.P.A., 3.6, Major G.P.A., 3.5
Honors: Cum laude, Dean's List 7 out of 8 semesters, Tri-Beta Biological Honors Society

## *Relevant Coursework:*

| | | |
|---|---|---|
| Principles of Biology | Ecology and Evolution | Independent Study: Bird-Habitat Relationships |
| St. Mary's River Project | Ecology of Maryland Vertebrates | Ecology of Maryland Plants |
| Genetics | Ecology of Coastal Systems | Teaching Assistant: Ecology and Evolution Lab |
| General Chemistry | Invertebrate Zoology | Baccalaureate Thesis |
| Organic Chemistry | Tropical Marine Ecology | Principles of Management |
| Calculus I | Geographic Information Systems | Marketing |

## *Professional Skills*

- Proficient with Microsoft Word, Excel, PowerPoint, Outlook; Internet browsers, ESRI ArcView, ArcGIS, Corvallis PC-GPS, and EndNote
- Create, research, conduct, and document scientific research projects
- Read, analyze, interpret, and present scientific data
- Teach scientific skills of research methodology and writing, and sailing skills to groups of students
- Supervised and coordinated six students' research project, numerous club activities, and up to 24 high school sailing students

## *Research Experience:*

**October 2003-Present**

**Biological Research Staff in Seagrass Ecology at the Florida Marine Research Institute, St Petersburg, FL**

- Created, managed, edited and maintained a database on *Halophila johnsonii* (Johnson's Seagrass), a threatened species inhabiting the east coast of Florida
- Created GIS maps of *Halophila johnsonii* distribution in Florida
- Analyzed and organized data from various field projects using statistical programs
- Participated in and assisted in arranging logistics for seagrass field work including restoration and monitoring

**September 2002-May 2003**

**Baccalaureate Thesis: Habitat Selection by Wintering Bird Guilds in St. Mary's County, Maryland, With Emphasis on the Winter Habitat Selection of the Hermit Thrush (*Catharus guttatus*).**

- Self-directed research experiment in which I characterized winter forest-interior bird communities
- Used belt transects to count and identify birds; identified birds both visually and using calls
- Identified and measured trees using the Point-Quarter method
- Characterized forest plant communities by determining relative importance values for each species of tree
- Presented research to St. Mary's College biology professors and students

**June-July 2002**

**Independent Research: Bird-Habitat Relationships**

- Researched primary literature in library using online databases such as Biological Abstracts and JStor
- Used a Corvallis MC-GPS to create point and line data of forest areas
- Downloaded and edited data using a GIS

**Spring 2003**

**Teaching Assistant: Ecology and Evolution Laboratory**

- Assisted in teaching ecological research methodology, scientific writing, and research skills to six students
- Created and administered laboratory exams**;** organized logistics for laboratory sessions
- Supervised and edited students' research projects

## *Additional Experience:*

**September 2000-May 2003**

**St. Mary's College Windsurfing Club, President**

- Created and organized a successful club of 12 active members from scratch
- Organized and supervised club activities including lessons, trips, regattas, and community events
- Coordinated and contributed to fund raising, equipment purchasing and donations, construction, and repair

**Fall 2002** United States National Sailing Team: Mistral Class (windsurfing)
**Fall 2002-2003** St. Mary's College Varsity Swimming
**Summer 1999-2003** Sailing and windsurfing instructor
**Summer 1998** Volunteer work with the Chesapeake Bay Foundation