

## **Cassandra Clark**

### ***NSF REU Winner 2006***

#### **NSF-NIEHS Oceans & Human Health Center**

University of Miami-Rosenstiel School of Marine & Atmospheric Science

4600 Rickenbacker Causeway, East Grosvenor Room E211

Miami, FL 33149

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### **EDUCATION**

#### **University of Miami**

Miami, FL

Bachelor of Science, Bachelor of Arts, expected December 2008

Majors: Marine Science, Biology, History

Minors: Chemistry, Classics

### **EXPERIENCE**

#### **Southern Maryland Ophthalmology**

Waldorf, MD

*Vision Technician and Office Assistant*

May 2003/04-August 2003/04, December 2004

Conducted visual acuity tests on patients, performed retinal scans, checked prescription measurements on corrective eyewear, assisted the financial office with completing insurance claims and other transactions, and performed secretarial duties (i.e. entering computer information, using typewriter, making phone calls, organizing files).

#### **Morganstate University Estuarine Research Center**

Saint Leonard, MD

*Volunteer*

June 2005-August 2005

Assisted in field research, used scientific equipment to examine water quality parameters, collected various organisms for study (via dredging, plankton tows, fish trawls, and benthic sampling), cleaned and assisted in repairing research and lab equipment, and collected data for surveys of the eastern oyster and long-term studies of blue crab populations in the Patuxent River and Chesapeake Bay.

#### **Rosenstiel School of Marine and Atmospheric Science**

Miami, FL

*Laboratory Research Assistant*

January 2006-present

Perform extraction of chlorophyll and phycocyanin/phycoerythrin from South Florida water samples, setup and conduct nutrient bioassay using spectrofluorometer, clean laboratory equipment, and perform routine laboratory duties.

### **ACTIVITIES & SKILLS**

#### **Lifeguarding**

Hold current certification after completing the American Red Cross Lifeguard Certification class, including professional infant/child/adult cardiopulmonary resuscitation (CPR) and basic First Aid.

#### **Recreational Scuba Diving**

Hold current certification after completing the Professional Association of Diving Instructors (PADI) Open Water and Advanced Open Water qualification levels.

#### **Research Scuba Diving**

Hold current certification of 30 foot (10 m) Intermediate Research Diver from the Rosenstiel School of Marine and Atmospheric Science in Miami, FL. Includes in-depth training of underwater scientific research techniques, dive safety (including CPR and First Aid), and DAN oxygen certification and meets the standards set by the American Academy of Underwater Sciences (AAUS).

**Rho Rho Rho – Marine Science National Honor Society**

Member of organization dedicated to academic excellence and to the marine community. Also committed to fostering the development of research skills, scholarship, and career opportunities for fellow students.

**Marine Mammal Stranding Team**

Member of the University of Miami's Marine Mammal Stranding Team, which supplies volunteers to Florida's Marine Animal Rescue Society (MARS).