

Alycia Rajendran

NSF REU Winner 2008

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

EDUCATION

University of Miami Coral Gables, FL
Working towards Bachelor of Science in May 2009
Marine science and chemistry with a minor in biology: **3.5 GPA**

EMPLOYMENT

Chemistry Department, University of Miami *Miami, FL*
Stock Room Assistant August 2007-present
Prepared glassware and other necessary lab materials for five different chemistry
Labs; Assisted students and assured proper use of equipment during lab periods

Rosenstiel School of Marine and Atmospheric Science *Virginia Key, FL*
Research Assistant January 2007-present
Used Coulter Counter LS200 to analyze sediment size; Converted data files to surfer worksheets
Organized data into Excel workbooks and database files; Analyzed data in MATLAB; Mapped
data points and transects in ArcMap using Shapefile and geoTIFF; image formats; Research
assistant in the Bahamas aiding in the retrieval of stationary wave probes and collecting current
velocities and direction using a Sontek ADP

Restaurant Associates *Miami, FL*
Butler September 2006-present
Set up and broke down events at the Carnival Center of Performing Arts; Passed hors d'oeuvres
and sewed plated dinners and desserts; Responsible for maintaining a clean work area Mile
sewing two or more tables

Athletic Department, University of Miami *Miami, FL*
Academic Tutor August 2006-December 2006
Tutored student-athletes in mathematics, Spanish, chemistry, and other subjects; Reported to
academic advisors through weekly emailed progress reports, telephone communication, and
verbal communication

Frost School of Miami, University of Miami *Miami, FL*
Assistant Ensemble Librarian August 2005-April 2006
Handled copying and distribution of concert music to numerous musical
Ensembles; Filed music while updating computer-based and index card databases

EXPERIENCE

Rho Rho Rho Vice President 2007-2008
Worked on an executive board with six other students; Arranged faculty and graduate student
speakers for every meeting; Worked with St. Stephen's Episcopal Day School in an outreach
program; Helped plan special events such as barbeques and movie nights; Acted as a liaison
between Rho Rho Rho and faculty members and other student organizations

Marine Science Peer Counselor 2007-2008
Helped incoming freshman with advising and class scheduling; Programmed new student
activities throughout the semester, such as ice cream socials and beach barbeques; participated

in academic round tables during registration time to answer questions about the upcoming semester.

Orientation Leader, Orientation 2007

Helped organize and plan all events for Orientation 2007 through weekly meetings in Spring 2007; Responsible for large amounts of logistical planning for a week-long, 3,000-student orientation event in August 2007; planned rotation schedules and organized room reservations; worked with faculty and students to arrange various activities throughout the week.

Orientation Assistant, Orientation 2006

Led a group (approximately 25 students) through orientation activities in a span of 4 days; helped set up, organize, and clean events such as Cane Kickoff and Canefest; maintained communication with group members to keep a personal connection with them

Marine Mammal Research Experience: Delphinid & Sirenian Field Studies

10-day field study on Spanish Lookout Caye, Belize, CA; assisted in research involving population mtknation and photo identification; performed research tasks such as GPS, map reading, salinity and temperature readings, and completing paperwork

Marine Mammal Stranding Team member

Underwent training to become a MARS (Marine Animal Rescue Society) Volunteer to aid in marine mammal strandings from Broward County to the Keys; helped in fundraising activities to go toward the conservation of marine mammals and to the organizations that respond to marine mammal strandings in the area

Frost Symphony Orchestra member

Attended rehearsal for six or more hours a week; performed numerous concerts including a "Kids Concert" and performed in the UM opera "Elixir of Love"; premiered and recorded new symphonies, such as Sierra Symphony #1,2, and 3

HONORS & AWARDS

National Society of Collegiate Scholars member
Henry King Stanford Scholarship
Dean's List, University of Miami- Spring 2006 and 2007

SKILLS

Proficient in Microsoft Office, Access, PowerPoint, and Word
Familiar with Excel and Access