

Brandon Reyes

North Life Sciences Room 301, Biology Department,
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Professional Experience

Hydrological Technician, US Geological Survey, Atlanta, GA June 2007 – Feb 2014

Formulated, analyzed, and authored reports on water quality and surface water discharge data. Measured and collected Q.A./Q.C. water quality, discharge, and flood data in multiple stations throughout the Southeast. Collected, processed, managed, and analyzed bacterial samples. Interpreted and evaluated safety hazards and complaints, managed and resolved safety conflicts. Maintained, calibrated, troubleshot, repaired, and programmed scientific equipment. Planned and assembled field structures that safeguarded scientific equipment. Surveyed and managed precise land and water elevations with specialized field equipment. Participated in seepage/groundwater pollution studies, and performed various administrative responsibilities.

Laboratory Manager, Coastal Marine Institute Laboratory, San Diego, CA Sept 2014- Present

Oversaw operation of laboratory and seawater systems, maintained advanced aquaria, mesocosms, scientific equipment, and tools. Coordinated projects and duties among laboratory members. Supervised and assisted graduate students and professors in marine ecological research and planning. Maintained chemical inventories and hazardous wastes. Acted as a liaison between the laboratory and administrative groups.

Zoological Operations Aquarist Intern, Georgia Aquarium, Atlanta, GA Summer 2014

Provided care and nutrition for cnidarians, elasmobranchs, cephalopods, syngnathids, and various teleost species. Maintained advanced tropical and cold water aquariums with associated life support systems. Evaluated, assessed, and treated the health of various marine species. Independently cultivated multiple cnidarians including various life stages of jellies. Shadowed members of other departments including veterinary staff, beluga trainers, and whale shark and other large elasmobranch caretakers.

Laboratory Technician, UGA Genetics Dept., Athens, GA Feb 2005 – May 2006

Assisted in Dr. McEachern's Yeast Teleomere research laboratory. Created various reagents and types of plate media for the lab's use. Managed lab materials, ordered chemicals and materials for the lab, cleaned the lab and equipment, and sterilized materials and chemicals with autoclaves.

Aquatic Organism Specialist, Petland, Duluth, GA May 2001/2002 – Sept 2001/2002

Maintained and repaired aquariums and equipment. Cared for aquatic organisms including numerous fish, invertebrate, coral, and plant species. Tested and treated water quality. Worked with customers to set-up aquariums and solved their aquarium problems. Sold aquarium merchandise and organisms.

Education

Bachelor of Science in Environmental Health Science, UGA Graduated: December 2007

Graduated Cum Laude

Water Resources Certificate

Epsilon Nu Eta Honors Society Member, Faculty Scholar, Rotary Club Award Nominee, and Dean's List

