

Mauricio X. Rodriguez

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EDUCATION

Texas A&M University at Galveston
Galveston, TX

Biology

**Bachelor of Science in Marine
GPA: 3.19/4.0 scale**

Honors/Awards: Member of Phi Theta Kappa International Honor Society, President's List, Dean's List, Distinguished Student

Award, Daughters of America scholarship, Hispame Scholarship Fund scholarship, Gladys Porter Zoo & Darden Restaurant

Foundation Academic Achievement Award

Pertinent Coursework: Ichthyology, Mariculture, Marine Ecology, Invertebrate Zoology, Sea Turtle Biology

WORK EXPERIENCE

National Marine Fisheries Service/NOAA
Galveston, TX

January 2001 - present

Fishery Biologist: Participate in all aspects of marine turtle captive rearing.

Texas A&M University Galveston
Galveston, TX

Summer 2000

Laboratory Assistant Collected specimens in the Gulf of Mexico, by means of otter trawl, for the Marine Fisheries Initiative (MARFIN) red snapper, *Lutjanus campechanus*, habitat utilization project. Extracted otoliths and digestive tracts of juvenile red snapper. Sampled *Sargassum sp* mats in the Gulf of Mexico by means of purse seine, for a study regarding pelagic ichthyofauna assemblages in *Sargassum* habitats. Identified ichthyofauna by means of dichotomous keys.

Mexico/United States of America Population Restoration

Summer 1999 **Project for the**

Kemp's Ridley sea turtle, *Lepidochelys kempi*

Rancho Nuevo, Tamaulipas, Mexico

Volunteer: Relocated eggs from sea turtle nesting site and relocated the eggs to a protective corral. Tagged turtles with both PIT and Monel tags. Handled and released hatchlings. Participated in camp maintenance duties.

University of Texas at Brownsville
Brownsville, TX

September 1996 - August 1998

Clerk: Provided clerical support to the Alternative Certification Program (ACP) director. Provided ACP students with program requirements and guidelines. Created and maintained student databases Formatted office documents and program summaries.

University of Texas at Brownsville
Brownsville, TX

Summer 1996

Mentor/Instructional Assistant: Served as a mentor for students participating in the Tex Prep Program, an academic enrichment program. Served as an instructional assistant for a technical communication course. Provided clerical assistance to program director. Maintained a database of student participants. Came out logistical tasks.

Acnvrwu

- ! **Assisted in the construction of a sea turtle research facility in Tepeguajes, Mexico.**
- ! **Participated in Dunes Day sand dune restoration projects at South Padre Island.**
- ! **Provided relief during a marine mammal stranding at the Gulf Coastal Studies Laboratory, South Padre Island, TX.**
- ! **Participated in a reforestation effort at Sable Palms Sanctuary, Brownsville, TX.**
- ! **Audited the University of Texas Brownsville's contractual and consortial relationships for the Southern Association of Colleges and Schools (SACS).**

SKILLS

Computer: Microsoft Word, Excel, Power Point, and Explorer; Adobe Acrobat, PageMaker and PhotoShop; Netscape; dBase

Field Sampling: Otter trawls, bag seines, purse seines, cast nets, gill nets, hook and line

Laboratory /Analytical Electrophoresis, centrifuge, light and dissection microscopes, pH meter, dissolved oxygen meter, refractometer,

nitrate and nitrite testing, identification of ichthyofauna using dichotomous keys, identification of sea turtles

Miscellaneous: Bilingual (English/Spanish), small boat operation, effective communication