

Cirriculum vitae

Michael Bell

Contact Information

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PROFESSIONAL EXPERIENCE

Undergraduate Student Laboratory Assistant, Coastal and Wetland Ecology Laboratory, Texas A&M University at Galveston

Jan. 2008 – May 2008

Galveston, TX

Performed an individual research project on Black Mangrove growth and herbivory of certain fauna on them. The project took place on Galveston Island, Texas.

Undergraduate Student Laboratory Assistant, Phytoplankton Laboratory, Texas A&M University at Galveston

Jan. 2007 – May 2007

Galveston, Texas

Processed phytoplankton samples, extracted DNA, ran PCRs, and spectrophotometry.

REU-CSUR Student, Louis Calder Center Biological Field Station,

May 2007 – Aug. 2007

Armonk, New York

Under the Ecology Department at Fordham University, I developed and performed my own study on the relationship between nutrient loading and the invasive cyanobacterium, *Lyngbya Wollei*.

Veterinarian's Assistant, VCA Upper Keys Animal Hospital,

May 2006 – Aug. 2006

Islamorada, Florida.

Assisted the veterinarians with daily upkeep of the facilities as well as the handling of their patients; filling out prescriptions and performing routine pre-examinations and triage.

PROFESSIONAL EDUCATION & CERTIFICATIONS

B. S. Marine Biology, Texas A&M University at Galveston, Galveston, Texas	Expected Graduation: May 2008
SSI Open Water SCUBA certification through a private instruction service Huntsville, Texas.	June 2001

SKILLS

Have developed and performed own research study
Experience in preparation and proper running of gel electrophoresis and PCR
Knowledge of other lab techniques such as DNA extraction and spectrophotometry
Experience with a TRAACS 800 and Shimadzu UV-160 spectrophotometer
Analysis of nutrient concentrations using standard colorimetric assays
Proficient in spectrophotometry for determining chlorophyll-a concentration as well as DNA concentration and purity
Hydrolab and dissolved oxygen meter use for water sampling.
Identification of phytoplankton species
Proficient in WORD, EXCEL, ACCESS, and PowerPoint
Experience with SYSTAT and SIGMAPLOT v8.0
Knowledge and experience performing many statistical analyses
Team oriented project experience
Strong communication skills
Performed light and dark bottle reactions
Performed pigment analysis
Experience in field performing plankton tows for subsequent experiments.
Knowledgeable in invertebrate zoology and morphology

RESEARCH WORK

Michael Bell. *A Study of Diversity of Seaweed in Galveston, Texas*. Marine Botany, Texas A&M University at Galveston, Fall 2006. Grade A.

Michael Bell. *Plankton tows to determine water quality in Galveston, Texas*. Marine Botany, Texas A&M University at Galveston, Fall 2006. Grade A.

Michael Bell. *Relationship between nutrient loading and growth of the benthic cyanobacterium Lyngbya wollei in Lake Mahopac*. Department of Ecology, Fordham University, Summer 2007. Presentation, abstract and poster only.

Michael Bell. *Factors affecting recruitment: a study of two variables, depth and predation, on recruitment in the Galveston Ship Channel*. Marine Ecology, Texas A&M University at Galveston, Fall 2007. Grade A.

PRESENTATIONS

Michael Bell. *Relationship between nutrient loading and growth of the benthic cyanobacterium Lyngbya wollei in Lake Mahopac*. Student Conference on Conservation Science 2008. Cambridge University, Cambridge, England.

Michael Bell. *The potential impact of commercial fishing on the abundance of Steller Sea Lions on Kodiak Island, Alaska*. Biology of Marine Mammals, Fall 2007. Grade A.

REFERENCES

Dr. Antonietta Quiqq
Assistant Professor Marine Biology
Marine Biology Department, Texas A&M University at Galveston
(409)740-4990

Dr. Bernd Wursig
Regents Professor
Texas A&M University
(409) 740-4413

Dr. John Wehr
Associate Professor and Director of the Louis Calder Center
Department of Biological Sciences, Fordham University
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