

Kristi Lynn Fazioli

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Education

Master of Science - Marine Science; June 1999; University of California, Santa Cruz

Thesis Project: "Distribution, Relative Abundance and Community Structure of Bottlenose Dolphins (*Tursiops truncatus*) in the Gulf of Mexico off Sarasota, Florida."

Bachelor of Science - Marine Biology; December 1994; Texas A&M University, Galveston

Experience Highlights

Research Associate

ENVIRONMENTAL INSTITUTE OF HOUSTON, UHCL; 2012 – Present

Responsible for collection of environmental data associated with various research and monitoring projects and for maintenance, calibration and operation of associated field equipment. Supervise graduate students engaged in scientific studies. Manage data and assist in preparation of technical reports.

Independent Consultant

AETHER DESIGN AND INTERNET SERVICES; 2008 – Present

Manage database for maritime consulting firm. Design and maintain website services for various real estate and commercial businesses.

Environmental Scientist

KWAJALEIN RANGE SERVICES – RONALD REAGAN BALLISTIC MISSILE TEST SITE; 2006 – 2007

Designed and established a visual and acoustic marine mammal monitoring program for the U.S. Army Kwajalein Atoll missile test range in the Marshall Islands. Responsible for development of the implementation plan, budgeting, equipment, training of team participants, conducting visual surveys from boat and helicopter platforms and the deployment, retrieval, sound extraction and refurbishing of a Marine Acoustic Recording Unit.

Research Scientist – Sarasota Dolphin Research Program

MOTE MARINE LABORATORY/ CHICAGO ZOOLOGICAL SOCIETY;

2002 – 2004; 1999 – 2000

Conducted photo and data analyses for long-term photo-identification and tracking of bottlenose dolphins in and around Sarasota Bay, Florida. Contractor on biopsy project "Concentrations of Brevetoxin in Dolphin Blubber." Participated in annual Capture/Release Health Assessment Project of dolphins resident in Sarasota Bay, Florida.

Research Assistant

THE NATURE CONSERVANCY; 2003

Assisted in field investigation of the herpetological inventory of the Palo Alto Battlefield Preserve in Brownsville, Texas. Assisted in the trapping, identification and release of frog, lizard and snake species throughout the preserve. Independently collected and compiled data and reported to project supervisor.

Laboratory Coordinator – Biology Department

UNIVERSITY OF TEXAS AT BROWNSVILLE AND TEXAS SOUTHMOST COLLEGE;

1999 – 2001

Responsible for organization and curriculum development of Biology Laboratory courses for college students. Oversaw stock inventory and budget for laboratory supplies.

Graduate Research Assistant - Sarasota Dolphin Research Program

DOLPHIN BIOLOGY RESEARCH INSTITUTE/ CHICAGO ZOOLOGICAL SOCIETY;

1997 – 1999

Conducted photo-identification surveys of bottlenose dolphins inhabiting the Gulf of Mexico. Analyzed the data and presented it in completion of a NMFS contract and as my Masters thesis. Supervised interns, staff

members, and UREP and EARTHWATCH Corps volunteers. Participated in annual Capture/Release Health Assessment Project of dolphins resident in Sarasota Bay, Florida.

Kristi Lynn Fazioli; Page 2

Teachers Assistant

UNIVERSITY OF CALIFORNIA, SANTA CRUZ; 1996 - 1997

Research Associate - Monterey Bay Coastal Dolphin Project

PACIFIC CETACEAN GROUP, MOSS LANDING, CA; 1995

Related Skills, Training and Experience

Specialty courses

- Cornell University Bioacoustics Research Program; Training for deployment and refurbishing of a Marine Acoustics Recording Unit; Ithaca, NY; 2007
- Phytoplankton collection and identification class Marine Biotxin Monitoring and Control Program, Dept. of Health Services, Monterey, CA; 1995
- USCG Auxiliary Boating and Seamanship Course, Moss Landing, CA; 1995
- First Response Marine Mammal Stranding Course, Mote Marine Laboratory, Sarasota, FL; 1995

Boating

Small boat handling for marine mammal research in a variety of weather and sea-state conditions.

Scuba

Certified PADI Rescue diver with over twenty years dive experience.

Stranding and Wildlife Rehabilitation

Experienced working with stranding networks in Texas and Florida, assisting rescue and rehabilitation efforts, and assisting in necropsies.

Data Systems

Experience with word processing and data analysis software in PC and Mac environments, including Microsoft Word, Excel, Powerpoint, Adobe CS5, FoxPro, Access, Arcview GIS, RAVEN sound analysis and SPSS statistical software. Additional experience with HTML, CSS, Wordpress, and other online CMS management tools, website design software and languages.

Grants

National Marine Fisheries Service; \$31,000 Awarded in 1997 in cooperation with Randall Wells

University Research Expeditions Program; \$12,160 Awarded in 1997

Publications

- Fazioli, K.L., S. Hofmann and R.S. Wells. 2006. Use of Gulf of Mexico Coastal Waters by Distinct Assemblages of Bottlenose Dolphins (*Tursiops truncatus*). *Aquatic Mammals* 32(2), 212-222.
- Fazioli, K.L. and R.S. Wells. 1999. Stock Structure of Coastal Bottlenose Dolphins, *Tursiops truncatus*, near Sarasota, Florida. Final Contract Report to the National Marine Fisheries Service, Southeast Fisheries Center, Contract No. 40-WCNF701806.
- Fazioli, K.L. and R.S. Wells. 1999. Distribution and Community Structure of Coastal Bottlenose Dolphins in the Gulf of Mexico, off Sarasota, Florida. Thirteenth Biennial Conference on the Biology of Marine Mammals. Society for Marine Mammalogy. November 1999.