

*Steve H. Russell*

**EDUCATION**

September 1974-  
August 1977 Graduate Degree Program in Biological Oceanography  
Texas A&M University, College Station, Texas  
Master of Science, 1977

June 1970-  
June 1974 Undergraduate Degree Program in Zoology/Ecology  
University of Tennessee, Knoxville, Tennessee  
Bachelor of Science, 1974

**EMPLOYMENT**

July 1999-Present

**K-12 Program Coordinator**, Columbia University, Biosphere 2 Center, Oracle, Arizona  
Job description: Develop K-12 curriculum on earth systems and global climate change. Recruit, train and supervise K-12 program teaching staff. Provide instruction to public and private school groups. Assist with development and maintenance of exhibits on ocean/coral reef science, tropical rainforest ecology and interpretation of environmental research being conducted at Biosphere 2 Center.

July 1988-July 1999

**Educational Specialist III**, University of Hawaii Marine Option Program, Honolulu, Hawaii

Job description: Coordinated experiential marine education programs, environmental science internships and ocean-related research projects for undergraduate and graduate students. Education programs included tropical marine life field identification courses, seminars on current marine/global environmental/wildlife conservation policy issues and field classes on island/coral reef ecology. Coordinated program's scientific diving which included scuba and underwater research equipment maintenance and procurement, preparation of dive plans and coordination of students obtaining university scientific diver status. Served on University of Hawaii's Diving Control Board. Organized and conducted near shore ecological resource surveys and prepared survey reports. Organized and moderated annual symposium on maritime archaeology and history. Planned and supervised annual maritime archaeology field techniques course. Co-instructed an annual course on quantitative underwater ecological surveying techniques. Wrote grant proposals for funding symposia, field workshops and special program-sponsored research projects. Recruited, trained and supervised student and community volunteers to participate in marine/environmental conservation education programs, research projects and community service projects. Planned and implemented teacher workshops. Administered grants received from government agencies to assist in recovery of endangered species and supervised students working under the grants. Provided academic and environmental career counseling to university graduates and undergraduates. Organized and implemented student recruitment efforts for the program. Wrote marine-related articles for the program's newsletter. Assisted program director with staff supervision and all aspects of program planning and office operation including preparation of project budgets. Served as acting director during director's absence.

Represented program at international and national conferences, public fairs and events. Prepared displays and exhibits on program's opportunities and accomplishments.

1990-1993

**INSTRUCTOR** (Oceanography), College of Continuing Education, University of Hawaii, Honolulu, Hawaii

Job description: Taught introductory oceanography courses to undergraduates and military personnel.

December 1993-April 1995

**WHALEWATCH NATURALIST**, Earthtrust, Kailua, Hawaii

Job description: Provided natural history interpretation about Humpback whales and other endangered species during whale watching cruises aboard the *Navatek I*. Lectured to public and private groups on wildlife management and conservation issues.

1983-Present

**INTERNATIONAL WILDLIFE GUIDE**

Job description: Organize and lead international wildlife travel programs focused on wildlife conservation. Destinations have included Mexico, Guatemala, Belize, Baja California, Fiji and Hawaii.

April 1982-July 1988

**MARINE BIOLOGIST/NATURALIST/ASSISTANT DIRECTOR**, Armand Bayou Nature Center, Houston, Texas

Job description: Worked as an interpretive naturalist and natural resource manager at an 1800-acre coastal wildlife preserve and environmental education center. Planned and implemented marine biology, aquatic biology and wildlife conservation field classes to groups ranging in age from five years old to senior citizens. Implemented habitat conservation and improvement projects including marsh and coastal tall-grass prairie restoration that included prescribed burning. Planned, designed and assisted with construction of trail system within the preserve. Instructed area school district's Gifted and Talented Program in Marine Biology of the Texas Gulf Coast. Coordinated summer marine biology camp; provided staff training, recruiting and interviewing internship candidates to work in the program. Organized and guided wildlife, educational travel programs to domestic and international destinations. Travel/education programs focused on coral reef ecology, marine mammals and exotic wildlife including African species. Designed, constructed and maintained center's natural history exhibits. Maintained 500-gallon marine aquarium. Wrote grant proposals and supervised grants received. Served as editor of the center's quarterly newsletter, contributed articles on coastal and marine issues. Designed, contributed content and compiled center's natural history field guide. Served as assistant director. Duties included staff scheduling, supervision of facility and preserve maintenance and assistance with the development of an environmental science residential center. Served as director of the environmental center.

September 1980-April 1982

**INSTRUCTOR/COUNSELOR**, Outdoor Education Center and Magnet School,

Houston, Texas

Job description: Taught environmental education classes in forest ecology, aquatic ecology, natural resource conservation and management, and outdoor recreational skills. Supervised center staff. Led camping/horseback riding and orienteering trips.

August 1977-December 1979

**MARINE BIOLOGIST**, Muka Head Marine Field Station, Universiti Sains Malaysia, Penang, Malaysia. Smithsonian Institution/U.S. Peace Corps Environmental Program.

Job description: Collected, identified and cataloged a reference collection of tropical marine invertebrates. Trained Malaysian lab technicians in marine biological/oceanographic field techniques. Conducted coral reef resource assessment surveys off of Malaysia's east coast (South China Sea). Surveys assessed impact of tourism on coral reefs. Lectured on invertebrate biology and marine mammal biology to university level students.

January 1976-August 1977

**GRADUATE TEACHING ASSISTANT**, Department of Oceanography, Texas A&M University, College Station, Texas

Job description: Lectured in biological oceanography to college senior-level class. Worked in Collection Department, was responsible for classification and storage of departmental research and teaching specimens.

**CERTIFICATIONS:**

NAUI scuba diving certification  
University of Hawaii Scientific Diver  
American Red Cross First Aid/CPR  
U.S. Coast Guard small boating certification  
DAN oxygen first aid for scuba diving injuries

**ADVISORY BOARDS:**

University of Hawaii Diving Control Board, 1989-1999  
Hawaii Environmental Educators Association Board of Directors, 1997-1999

**FOREIGN LANGUAGES:**

Spanish (conversational)  
Bahasa Malaysia (conversational)  
French (reading)

**FOREIGN TRAVEL:**

Mexico, Guatemala, Belize, Panama, Caribbean Sea  
Malaysia, Thailand, Singapore, Hong Kong, South China Sea, Indian Ocean, Indonesia, Sri Lanka, India, Nepal, Laos  
Baja California, Mexico, Society Islands (Tahiti), Fiji, Guam, Palau, South Pacific Ocean, United Kingdom, France, Switzerland, Italy, uEgypt