

**HENRY T. "HANK" SMITH**  
**Affiliate Research Assistant Professor**  
**of Biology and Environmental Studies**  
**Florida Atlantic University**  
**Harriet L. Wilkes Honors College**  
**5353 Parkside Drive (Office SR 232)**  
**Jupiter, Florida 33458**

**M.A., BIOLOGY (APPLIED ECOLOGY EMPHASIS) MAY, 1981**  
**HOFSTRA UNIVERSITY, HEMPSTEAD, NEW YORK 11550**

**PROFESSIONAL EXPERIENCE**

**Florida Department of  
Environmental Protection  
Hobe Sound, Florida**

**District Biologist (Wildlife Resources)  
Florida Park Service  
11/93 to present**

Wildlife Biologist for the 24 Florida State Parks in District 5, extending from Fort Pierce to Key West. Survey, monitoring, and management of all wildlife species. Special emphasis on endangered species conservation, habitat enhancements, and reintroductions. Management of nuisance and exotic wildlife. Economic analyses of wildlife management practices for efficacy. Preparation and publication of research findings in peer-refereed wildlife biology journals. Develop the "Parknership" student intern research program with FAU and PBCC. Develop and supervise graduate and undergraduate student research projects, and Master of Science and Honors College theses.

**Florida Department of  
Environmental Protection  
Tallahassee, Florida**

**Environmental Administrator (SG 28)  
Office of Environmental Services  
6/90 to 11/93**  
**Environmental Specialist III (SG 24)  
Office of Environmental Services  
2/89 to 6/90**

Special projects biologist and review coordinator for the Office of Environmental Services (Division of State Lands). Administrative and field habitat management assessments are conducted for estuarine wetlands, freshwater wetlands, uplands, and barrier beach habitats. Assessments require evaluations in wildlife biology, endangered species management, fisheries biology, and botany. Administer all aspects of assessment and remediation related to unpermitted hazardous waste disposal sites impacting state-owned lands. Supervise the Environmental Specialist II responsible for coordinating the review of all USACOE dredging projects conducted on state-owned submerged lands. Supervise one OPS Professional Geologist. Provide technical assistance to all aquatic preserve and state reserve field offices.

**Florida Department of  
Environmental Protection  
Tallahassee, Florida  
West Palm Beach, Florida**

**Biological Scientist III (SG 22)  
Bureau of Aquatic Plant Management  
1/87 to 2/89**

Tallahassee (Aquatic Plant Research Annex) – Development and interagency coordination of site specific impact preclusion plans for endangered/threatened species, and associated critical habitats, in areas which interface with various bureau programs. Department's representative on the EPA/DACS-ESA/FIFRA Endangered Species Task Force, and the task force steering committee. Conduct aquatic plant ecology research related to species ecological niche, competitive potential, wildlife/fisheries habitat relationships, and management techniques. West Palm Beach (1/87 – 7/87) – Survey aquatic plant population distributions. Recommend aquatic plant management programs and assess program impacts to fish and wildlife, and aquatic ecosystems. Provide cooperative extension services. Supervise the regional office.

**United States  
Environmental Protection Agency  
New York, New York**

**Life Scientist  
Environmental Impacts Branch  
7/86 to 1/87**

Impact assessment of action proposals associated with EPA construction grants in accordance with the Clean Water Act, and the National Environmental Policy Act (NEPA). Assessments require professional evaluations in aquatic resource management, wetland management, endangered species management, wildlife biology, and related disciplines.

**New York State Department of  
Environmental Conservation  
Stony Brook, New York**

**Marine Resources Specialist (SG 14-18)  
Division of Marine Resources  
1/86 to 7/86**

Supervision of shellfish transplant programs and related harvesting from uncertified waters. Advise and assist participating townships and organizations in development of shellfish transplant projects. Work on various shellfish population surveys. Directly train and supervise seven seasonal employees.

**New York State Department of  
Environmental Conservation  
Stony Brook, New York**

**Environmental Analyst (SG 14)  
Division of Regulatory Affairs  
1/85 to 1/86**

Impact assessment of development proposals and other actions affecting wetland and coastal habitats, wildlife, and fisheries protected by the N.Y. State Tidal Wetlands Land Use Regulations. Regional coordinator for Local Waterfront Revitalization Program impact assessment/review.

**New York State Department of  
Environmental Conservation  
Stony Brook, New York**

**Wildlife Technician (SG 8)  
Division of Fish and Wildlife  
9/84 to 1/85**

Wildlife information and hunter information services. Development of a nuisance wildlife control manual. Work on various regional wildlife management programs (deer-check stations, waterfowl banding, endangered species surveys) as required.

**R. W. Johnson & Associates  
Environmental Analysis, Inc.  
Uniondale, New York**

**Consultant Wildlife Biologist  
1979 to 1984 (Contract Assignments)**

Contract employee for natural resources impact analyses. Preparation of environmental descriptions for environmental impact statements. Vegetation mapping, wildlife and fisheries population evaluations, endangered species surveys, and geomorphological analyses of tidal wetlands, freshwater wetlands, forested uplands, and barrier beach habitats. Analyses conducted from field surveys as well as aerial stereo pair and infra-red photography.

**Pennsylvania Department of  
Environmental Resources  
Meadville, Pennsylvania**

**Solid Waste Specialist  
Bureau of Solid Waste Management  
8/82 to 7/83**

Land management investigations, impact analyses, plan reviews, and compliance activities involving landfills, sewage sludge land application sites, and RCRA hazardous waste management facilities. Data evaluation for hydrological and soil contamination impacts to potable water and adjacent wildlife habitat.

**National Marine Fisheries Service  
Southeast Fisheries Center  
Panama City, Florida**

**Contract Fisheries Sampler  
Atlantic Bluefin Tuna Survey  
6/81 to 10/81 (Freeport, N.Y.)**

Contract employee (6/81 – 10/81) for field station data collection to determine growth rates, migration, and spawning behaviors of several species of tuna and billfish. Dissection and collection of hardparts on recaptures.

Simultaneously conducted other contractual work and held supplementary income positions with various agencies including **Board of Cooperative Educational Services of Nassau County (Environmental Educator, 1983-1984)** and **Okeanos Ocean Research Foundation (marine mammal/marine turtle population studies and necropsies, wetland ecology lectures, 1981).**

### **MASTERS THESIS RESEARCH (WILDLIFE MANAGEMENT)**

Nest site selection by state-listed endangered and threatened species of seabirds in topographically altered barrier beach habitats. The impacted habitat was the outfall pipeline area bisecting the Cedar Beach Common Tern, Roseate Tern, and Black Skimmer colony (approx. 3,000 nesting pairs) in Suffolk County, New York. Nest site selection variables were examined for relationships to habitat disturbance, plant community structure/succession and density, as well as surrounding topography. Habitat improvement was effectively implemented through restorative revegetation resulting in increased nesting densities.

### **RELATED BIOLOGY COURSES**

<u><b>Title</b></u>	<u><b>Credits</b></u>	<u><b>Title</b></u>	<u><b>Credits</b></u>	<u><b>Title</b></u>	<u><b>Credits</b></u>
Gen. Biology I (Botany/ Cytology)	4	Genetics	3	Field Ecology and Methods	3
Gen. Biology II (Zoology)	4	Genetics Lab	1	Gen. Ecology	3
Colloquium in Biology	1	Organic Evolution	3	Conservation of Natural Resources	3
Colloquium in Biology	1	Ornithology	3	Mycology	4
Comparative Anatomy (vertebrate)	4	Ichthyology	4	Masters Thesis	3
Animal Physiology (vertebrate)	4	Marine Microbiology	3	(wildlife mgmt. research)	
		Limnology	3	Masters Thesis (wildlife mgmt. research)	3

### **RELATED PROFESSIONAL ACTIVITIES**

Co-Chair, Special Committee on Birds, Florida Committee on Rare and Endangered Plants and Animals,  
1996-present

Editorial Advisory Board, Florida Field Naturalist, 2000-present

Grants and Awards Committee, Florida Field Naturalist, 2000-present

Member, Ecological Society of America (ESA)

Member, American Society of Ichthyologists and Herpetologists (ASIH)

Member, Society for the Study of Amphibians and Reptiles (SSAR)

Member, Colonial Waterbird Society (CWS)

Member, Eastern Bird Banding Association (EBBA)

Member, Florida Ornithological Society (FOS)

Member, Florida Academy of Sciences (FAS)

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Member, Various Conservation Organizations  
Member, Various Fish and Game Associations