

JEREMY ADAM FEINBERG

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EDUCATION

HOFSTRA UNIVERSITY,

Hempstead, NY

Master of Science (Biology), March 2000, GPA 3.9/4.0

Thesis: "Nesting Ecology of the Diamondback Terrapin (*Malaclemys*) at Gateway National Recreation Area" Advisor: R.L. Burke

STATE UNIVERSITY OF NEW YORK AT ALBANY (SUNYA),

Albany, NY

Bachelor of Arts, May 1996

Major: Biology, Minor: Psychology

EXPERIENCE

10/02 to
Present

**UNITED STATES FISH & WILDLIFE SERVICE –
BROOKHAVEN NATIONAL LABORATORY (BNL),**
Biologist

Brookhaven, NY

- Provide research supervision, mentorship, and training to undergraduate and graduate-level interns and volunteers in conjunction with BNL education department
- Management and conservation of flora and fauna at Brookhaven National Laboratory, Upton Ecological Research Reserve (UERR), and all USFWS Refuges on Long Island
- Conduct biotic sampling, surveys, and inventories and design and maintenance of comprehensive database catalogues of species and distributions
- Vernal-pool drift-fence monitoring of herpetological communities with emphasis on state-endangered Eastern Tiger Salamander
- Directing Eastern Hognose Snake radio-telemetry project
- Initiated relocation of captive bred headstarted spotted turtles and monitoring progress using radio telemetry
- Establishing key partnerships with other conservation agencies and organizations
- Conduct white-tailed deer and avian surveys
- Member of Central Pine Barrens Technical Advisory Group that allocates and administers funding for Pine-Barrens related research
- Developing and maintaining USFWS and BNL GIS/GPS mapping projects

12/00 to
9/02

THE LOUIS BERGER GROUP, INC. - ENVIRONMENTAL DIVISION, East Orange, NJ
Environmental Scientist

- Conducted large-scale Gopher Tortoise relocation project (including other associated burrow species) in central Florida
- Participated in surveys for the Federally-Endangered Indiana Bat in Pennsylvania
- Conducted endangered species habitat assessments for Federally-Threatened Bog Turtles in New Jersey and State-Listed Timber Rattlesnakes in Pennsylvania
- Designed a vernal pool Mitigation Feasibility Study for several New York State listed species of herpetofauna at Stewart International Airport
- Assisted in wetland delineations, restoration, and mitigation monitoring
- Primary clients included city, state, and federal government agencies

9/00 to 12/00 **NATURAL RESOURCES DEFENSE COUNCIL - DEVELOPMENT,** **New York, NY**
Office Assistant

- Provided planning assistance and general operating support
- Created database for Gift Planning Department's current and prospective annuitants and organized year-end mailing

4/00 to 9/00 **NATIONAL PARK SERVICE - NATURAL RESOURCES,** **Jamaica Bay, NY**
Biological Technician

- Assisted in fish-inventory trawling of Jamaica Bay. Duties included deployment and operation of trawling equipment as well as identifying and obtaining data on species
- Conducted water quality sampling of surface water and bottom water
- Participated in seine-net fish inventories throughout sites in Jamaica Bay
- Provided part-time supervisory assistance to several graduate students conducting diamondback terrapin research at the Jamaica Bay Wildlife Refuge

9/97 to 3/00 **HOFSTRA UNIVERSITY - DEPARTMENT OF BIOLOGY,** **Hempstead, NY**
Research Assistant

- Located Diamondback Terrapin nesting beaches and verified the accuracy of historic site locality data throughout the three separate units of Gateway National Recreation Area (GNRA)
- Determined predation rates of Terrapin nests throughout much of GNRA
- Gathered and analyzed nest ecology data including clutch frequency, clutch size, and environmental nesting preferences
- Designed GIS maps displaying nest habitat preference and depredated nest distributions
- Compared predation rates and predatory species between primary nesting areas
- Determined survivorship rates of Terrapin nests in non-predatory experimental conditions using predator-excluder devices to protect nests
- Trained and supervised a 30-person volunteer team to aid and assist in all aspects of project research
- Supervised one-day volunteer groups from Stony Brook University and New York City Parks Department. Groups consisted of 15-30 participants
- Developed slide show presentation and informational pamphlet for the general public to learn about Terrapin ecology at the Jamaica Bay Wildlife Refuge

9/97 to 12/97 **HOFSTRA UNIVERSITY - DEPARTMENT OF BIOLOGY,** **Hempstead, NY**
Laboratory Assistant

- Assistant to professor in an undergraduate general biology lab course for non-science majors
- Provided academic support and assistance to students

5/97 to 6/97 **COLD SPRING HARBOR FISH HATCHERY & AQUARIUM,** **Cold Spring Harbor, NY**
Wildlife Biologist

- Instructed and taught Aquaculture and Herpetology to elementary school classes
- Assisted in Aquaculture, Collection of fish specimens, and maintenance of the hatchery's live Herpetofauna Collection
- Participated in Turtle Captive-Breeding Program

- 8/97 **UNITED STATES FISH & WILDLIFE SERVICE,** **Ten Thousand Islands, FL**
Volunteer Research Assistant
- Participated in nest monitoring program of Federally-Threatened Sea Turtles during the 1997 nesting season
 - Project monitored nest success and nest predation on Green and Loggerhead Sea Turtle nests located on uninhabited islands in the Ten-Thousand Island region of Florida
- 9/96 to 5/97 **UNIVERSITY OF FLORIDA –
DEPARTMENT OF WILDLIFE ECOLOGY & CONSERVATION,** **Davie, FL**
Biological Technician
- Provided field assistance for American Alligator research projects focusing on Home Range, Thermoregulation and Hole Distribution
 - Assisted Graduate Student from Florida Atlantic University in GPS mapping and Vegetation Sampling of Broward County Environmentally Sensitive Lands (ESL)
 - Surveyed and Inventoried Herpetofauna, Birds, and Butterflies on multiple ESL sites
- 6/96 to 8/96 **NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION (DEC) - ENDANGERED SPECIES UNIT,** **Delmar, NY**
Biological Technician
- Surveyed population demographics of the Federally-Endangered Karner Blue Butterfly
 - Maintained precise records while acquiring knowledge of field research techniques
- 1/96 to 6/96 **SUNYA - DEPARTMENT OF BIOLOGICAL SCIENCES,** **Albany, NY**
Undergraduate Field Researcher
- Surveyed Herpetofauna in the protected Albany Pine Bush Preserve in conjunction with the New York State DEC and SUNYA Graduate Student
 - Summarized results in a final paper that was submitted to the Albany Pine Bush Preserve Commission
 - Helped Curate University's preserved collection and identified unknown specimens
- 6/95 to 8/95 **NATIONAL WILDLIFE FEDERATION - WESTERN WILDLIFE CAMP,** **Estes Park, CO**
Environmental Educator
- Instructed and taught environmental programs on topics including Biodiversity, Mammals and Wilderness First Aid to youths ages 9-14
 - Supervised as full time camp counselor when not teaching educational programs
- 6/93 to 8/94 **THEODORE ROOSEVELT WILDLIFE SANCTUARY,** **Oyster Bay, NY**
Environmental Educator, Wildlife Care Assistant
- Instructed and taught programs on topics including Herpetology, Mammals, Birds and Seashore Ecology to youths ages 5-13
 - Participated in special programs for disadvantaged youths
 - Assisted in Bird Banding of neo-tropical migrant songbirds
 - Cared for Injured Wildlife

6/89 to
8/92

SELMER'S PETLAND,
Salesperson and Animal Care

Huntington, NY

- Responsible for care of small Mammals, Fish, Birds, Reptiles and Amphibians
- Acquired financial and interpersonal skills through position

GRANTS AND AWARDS

Recipient, U.S. Fish & Wildlife Service - STAR Award (Special Thanks for Achieving Results) for recognition of research and accomplishments at the Upton Ecological & Research Reserve. \$910 (2004)

Recipient, Certificate of Appreciation for poster presentation at the Ninth Annual Pine Barrens Research Forum by Suffolk County Executive and the Central Pine Barrens Joint Planning and Policy Commission (2004)

Recipient, U.S. Environmental Protection Agency - Environmental Quality Award for work at the Upton Ecological & Research Reserve (2004)

Recipient, U.S. Department of Energy (Office of Science) - Outstanding Mentor Award for supervision, design and oversight of undergraduate intern research (2004)

Recipient, Certificate of Appreciation for research presented at the Eighth Annual Pine Barrens Research Forum by Suffolk County Executive and the Central Pine Barrens Joint Planning and Policy Commission (2003)

New York City Environmental Fund, Hudson River Foundation. For diamondback terrapin research and public education at Jamaica Bay Wildlife Refuge. \$11,755 (1999).

Hofstra University Graduate Research Fellowship. For research on nesting ecology and nest predation of diamondback terrapins. \$3,000 (1999)

Hofstra University Research Assistantship. For research on nesting ecology and nest predation of diamondback terrapins. \$450 (1998)

Graduate Degree (MS) conferred with Academic Distinction (2000)

Undergraduate Dean's List (1996)

PUBLICATIONS

Feinberg, J.A. and K. Hoffmann. In press. *Scaphiopus holbrookii*: Coloration. Natural History Note. For Herpetological Review.

Feinberg, J.A. and K. Hoffmann. In press. *Chelydra serpentina* and *Scaphiopus holbrookii*. Predation and Diet. Natural History Note. For Herpetological Review.

Feinberg, J.A. 2004. *Sceloporus undulatus* (Northern Fence Lizard). Geographic Distribution Note. Herpetological Review. 35(2): 188

Feinberg, J.A. 2004. *Nest predation and ecology of terrapins, Malaclemys terrapin terrapin, at the Jamaica Bay Wildlife Refuge. In C.W. Swarth, W.M. Roosenburg, and E. Kiviat (eds.), Proceedings: Conservation and Ecology of Turtles of the Mid-Atlantic Region, pp. 5-12. Bibliomania, Salt Lake City, Utah*

Feinberg, J.A. and T.M. Green. 2004. *Scaphiopus holbrookii* (Eastern Spadefoot): Diurnal Breeding. Natural History Note. Herpetological Review. 35 (1): 53.

Feinberg, J.A. and R.L. Burke. 2003. *Nesting ecology and predation of diamondback terrapins, Malaclemys terrapin, at Gateway National Recreation Area, New York. Journal of Herpetology 37(3): 517-526.*

Burke, R.L. and J.A. Feinberg. 2000. *Terrapin research at Gateway National Recreation Area. Turtle and Tortoise Newsletter: The Newsletter of Chelonian Conservationists and Biologists 2:8*

Feinberg, J.A. 2000. *Nesting ecology of diamondback terrapins (Malaclemys terrapin) at Gateway National Recreation Area. Unpubl. M.S. thesis, Hofstra Univ., Hempstead, New York, 116 pp.*

PUBLISHED ABSTRACTS AND POSTER PRESENTATIONS

Feinberg, J.A., T.M. Green and K.E. Hoffmann. 2004. *Using GIS to study habitat use and home range of rare herpetofauna at Brookhaven National Laboratory. Poster presented at the Twenty-Fourth ESRI International User Conference, San Diego, California.*

Feinberg, J.A. and T.M. Green. 2004. *Playing dead or a real disappearing act? The status and ecology of eastern hognose snakes (Heterodon platyrhinos) at the Brookhaven National Laboratory. Paper presented at the Northeast Natural History Conference, Albany, New York.*

Green, T.M. and J.A. Feinberg. 2004. *A comparative study of vernal pools and breeding populations of eastern tiger salamanders (Ambystoma tigrinum) at the Brookhaven National Laboratory. Paper presented at the Northeast Natural History Conference, Albany, New York.*

Feinberg, J.A. 2000. *Nest Predation and Ecology of Northern Diamondback Terrapins, Malaclemys terrapin terrapin, at Gateway National Recreation Area. Paper presented at the New York Natural History Conference, Albany, New York.*

Feinberg, J.A. 1999. *Nest Predation and Ecology of Diamondback Terrapins, (Malaclemys terrapin) at Gateway National Recreation Area. Paper presented at the*

conference on Conservation and Ecology of Turtles of the Mid-Atlantic Region, Laurel, Maryland.

Feinberg, J.A. and R.L. Burke, 1999. *Terrapin nest predation at Gateway National Recreation Area*. Paper presented at the Society for the Study of Amphibians and Reptiles Meeting, University Park, Pennsylvania.

Feinberg, J.A. and R.L. Burke, 1998. *A new database available for herpetological research: Natural history and geographic distribution records from herpetological review*. Poster presented at the Society for the Study of Amphibians and Reptiles meeting, Guelph, Ontario.

MANUSCRIPTS IN PREPARATION

Feinberg, J.A. and S.E. Goodyear. In prep. *Heterodon platyrhinos* and *Scaphiopus holbrookii*. Predation and Prey Survival. Natural History Note. For Herpetological Review.

Feinberg, J.A. and N. Soule. In prep. *Scaphiopus holbrookii*: Early-season activity. Natural History Note. For Herpetological Review.

Feinberg, J.A. In prep. *Hemidactilium scutatum*: Clutch size. Natural History Note. For Herpetological Review.

INVITED PRESENTATIONS

Spring 2004. *A Review of Herpetological and Wildlife Research at the Upton Ecological and Research Reserve and Brookhaven National Laboratory*. Brookhaven Executive Roundtable, consisting of representatives from various town, county, and state agencies and the U.S. Senate.

Fall 2003. *Herpetological Research at the Upton Ecological and Research Reserve and Brookhaven National Laboratory*. Kentucky Herpetological Society and The Wildlife Society. Murray State University, Murray KY.

Fall 2003. *Herpetological Research at the Brookhaven National Laboratory*. 2003 Pine Barrens Research Forum. Brookhaven National Laboratory, Upton, NY.

Spring 2002. *Vernal Pools*. Making the Values Work – Engaging Partnerships Conference. Landscape Architecture and Environmental Analysis Bureau, New York State Department of Transportation. Saratoga Springs State Park, Saratoga, NY.

Spring 1999. *Diamondback Terrapins at Gateway National Recreation Area*. Natural Resource Seminar Series. Division of Natural Resources, National Park Service. Gateway National Recreation Area, Staten Island, NY.

ADDITIONAL EXPERIENCE

Designed website describing objectives, projects, and findings of the U.S. Fish & Wildlife Service's herpetological research program at Brookhaven National Laboratory (http://www.bnl.gov/esd/reserve/herpetology_home)

Provided consultation to Newsday for 2003 nature series titled: "Long Island: Our Natural World." Interviews featured in multiple print articles throughout the year and online video interview appears on the Newsday.com website.

Received federal "red card" certification to participate in prescribed and wildland fire activities

Interviewed by the PBS Television Series "Nature" for an episode on diamondback terrapin research in Jamaica Bay. Air date: June 2002

Received Introductory Arcview 3.2 GIS Certification from ESRI

Designed and created web page for Hofstra University titled "A Herpetological key for Long Island and the surrounding islands" (http://people.hofstra.edu/faculty/russell_I_burke/HerpKey/MainHerpPage.html)

Successfully Passed the New York State Department of Environmental Conservation Wildlife Biologist Trainee I and Fisheries and Wildlife Technician I Exam

PROFESSIONAL ORGANIZATIONS

Society for the Study of Amphibians and Reptiles
Herpetologists' League
Society for Conservation Biology

REFERENCES PROVIDED UPON REQUEST