

TRACY S. FELDMAN

2117 Strebor Street, Durham, North Carolina 27705 *tracysfeldman@yahoo.com*
(561)635-3173 (cell)

Ecological and environmental educator, naturalist, with extensive experience in education in a variety of environments, including classrooms, laboratories, natural areas, and museums
Expertise in citizen science, experimental design, research methods, field surveys of plants, birds (by sight and sound), species interaction ecology, population ecology, statistical analyses, copy editing, grant writing

EDUCATION

- **Ph.D. in Biology**, Duke University, Durham, NC (May 2005).
Dissertation: Can pollination facilitation mitigate the Allee effect?
Advisor: Dr. William F. Morris
- **M.S. in Zoology**, University of Florida, Gainesville, FL (May 1998).
Thesis: Effects of an introduced plant on oviposition choice and larval survival of native butterflies (*Anthanassa* spp.) in Monteverde, Costa Rica
Advisor: Dr. Thomas C. Emmel
- **B.A. in Biology**, Bard College, Annandale-on-Hudson, NY (May 1995).
Thesis: Island biogeography of goldenrod-associated insects
Advisor: Dr. William Maple

PROFESSIONAL HISTORY

- **Visiting Lecturer**, The University of North Carolina at Chapel Hill (October 2013–present); teaching Ecology and Comparative Animal Physiology
- **Contract Editor**, American Journal Experts, Durham, NC, (February 2013 – present); edit manuscripts for grammatical correctness and style
- **Assistant Professor of Biology** (Plant Ecologist), The University of Wisconsin - Stevens Point, Stevens Point, WI, (August 2008 - January 2013)
Projects: demography of Fassett's Locoweed, an endemic plant in WI; morphological evolution in swallowtail caterpillars; biology and diversity of endophytic fungi
- **Postdoctoral Research Associate**, The Samuel Roberts Noble Foundation, Ardmore, OK, (January 2006 - August 2008)
Project: Viruses of plant-associated fungi: their ecology, diversity, and effects on host fungi and plant parasitism (as part of a larger NSF-EPSCoR funded project on plant virus biodiversity).

ENVIRONMENTAL/SCIENCE EDUCATION EXPERIENCE

- Enrolled in NC Environmental Education Certification program, (March 2014)
- Volunteer at the NC Museum of Life and Science, Insectarium (Feb 2013 – present)
- Volunteer with the Ellerbe Creek Watershed Association, education committee and hike leader (June 2013 – present)
- Co-founded the Duke Natural History Society: organized field trips with community members to learn about local natural history. (2000-2005)
- Sierra Club Inner-City Outings group: led hikes and environmental education activities for young children from urban and low-income neighborhoods (2001-2005).

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SCIENCE TEACHING EXPERIENCE

Course Instructor and Curriculum Development:

- Part-time faculty, UNC Department of Biology (October 2013 – present)—Teaching Ecology and Comparative Animal Physiology
- Full-time faculty, UWSP Department of Biology (August 2008-December 2012; responsible for all aspects of these courses):
 - **Ecology:** a course introducing major subfields of ecology, stressing the scientific method as a way to understand major concepts in ecology
 - **Ecological Methods:** a laboratory course with an emphasis on doing ecological research, in which students design their own experiments, collect and analyze data, write lab reports and present their results
 - **Plant Ecology:** an advanced class and laboratory course on ecological principles applicable to plants, emphasizing scientific writing and literacy
 - **General Biology:** a class and laboratory course for non-majors, covering basic principles and ideas in ecology and evolution, and using the scientific method
 - Seminars for advanced undergraduates in various topics, including “mutualisms”, “virus evolution and ecology”, and “deception in ecological systems”, that involve presentations and in-depth discussions of primary literature
- Part-time faculty, teaching Introductory Botany for the Continuing Education Program at Guilford College (fall 2003)
- Co-designed and co-taught an introductory course in insect biology for advanced undergraduates at Elon University (January term 2003, with Dr. Lisa Carloye)
- Teaching Assistant and Laboratory Instructor (Ecology, Organismal Evolution, Animal Physiology, and Introductory Biology) at Duke University (fall 2000- fall 2005)

Student Mentoring (supervisory experience):

- Masters committee member (2 students, UW-SP College of Natural Resources; 2010-11)
- Mentoring undergraduate research students
 - UW-SP (more than 10 students on 4 separate projects; 2009-12)
 - The Samuel Roberts Noble Foundation (2 students; summers 2007 and 2008).
 - Duke University (1 student; summer 2002); the University of Florida (fall 1997)

GRANTS RECEIVED

- Award from the Wisconsin Department of Natural Resources, to conduct field work to study demography of Fassett’s Locoweed (*Oxytropis campestris* var. *chartacea*) (2009-12)
- UWSP University Professional Development Committee Grant to study demography of Fassett’s Locoweed (*Oxytropis campestris* var. *chartacea*) (2010)
- Duke University Graduate Student Teaching Mini-grants (spring 2001 and 2002)

SOFTWARE: Microsoft Office (Word, Excel, PowerPoint, Outlook), Matlab, R

LANGUAGE SKILLS: Moderate facility with Spanish (from time spent in Costa Rica and Panama)

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Professional References

Dr. William F. Morris, Professor of Biology

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wfmorris@duke.edu *** email is the best way to contact him, as he travels frequently

Dr. Marilyn J. Roossinck, Professor of Biology

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