

DANIEL C. MOON

Education

Doctor of Philosophy, Biology, University of South Florida, May 2001
Dr. Peter D. Stiling, Major Professor

Master of Science, Zoology, University of South Florida, December 1996
Dr. Peter D. Stiling, Major Professor

Bachelor of Arts, Biology, State University of New York at Binghamton, May 1993
cum laude

Academic Positions

2008-Present: Associate Professor, University of North Florida, Department of Biology

2006-2008: Interim Director of Coastal Biology Program, University of North Florida

2004-2008: Assistant Professor, University of North Florida, Department of Biology

2003-2004: Assistant Professor, University of Wisconsin Oshkosh, Department of Biology and Microbiology

2001-2003: Lecturer, University of South Florida, Department of Biology

Experience

Methods in Ecological Restoration (undergraduate)

In this course we investigate the theory, techniques, ethics and logistical concerns involved in restoration of degraded habitats including freshwater wetlands, estuarine marshes, and sandhill/scrub. In addition to lecture, students participate in discussions regarding the ethical and economic aspects of restoration. There are also a number of field trips in which we implement restoration techniques in the field in an externally-funded restoration project for the City of Jacksonville.

Plant-Animal Interactions (undergraduate)

We examine the relationships between plants and animals including herbivory and plant defense, frugivory, granivory, pollination, and seed dispersal mutualisms. Emphasis is placed on the evolution of these relationships and their ecological implications in a community context. Class meetings entail lecture, readings of the primary literature, and an independent literature review or thesis project.

Quantitative Ecology (graduate)

This course is designed to be a statistical toolbox for ecologists and to build on material from Biometry. We investigate techniques such as MANOVA, repeated-measures ANOVA, multiple regression, meta-analysis, and various ordination techniques (CCA, PCA, NMDS, etc.). Emphasis is also placed on proper design of ecological experiments.

Grant Support

Ecological Impacts of Sea Level Rise on Coastal Wetlands, St. Johns River Water Management District, 2009-2010, \$98,000 (Co-Principal Investigator).

UNF Summer Course Development Grant, 2009, \$7,500.

Environmental Center Seed Grant, 2006, \$5,000.

UNF Summer Scholarship Grant, 2008, \$7,500.

Establishment of native vegetative riparian buffer zones for nutrient reduction in the lower St. Johns river basin, Saint Johns River Water Management District, 2006-2008, \$175,000 (Co-Principal Investigator).

Dean's Leadership Council Faculty Fellowship, 2007, \$4,600.

Coastal community stewardship in northeast Florida; Restoration of Betz-Tiger Point Preserve, Nature conservancy and Florida DEP 2006-2007, \$37,000.