

Franco N. Gigliotti

PhD Student and Graduate Teaching Assistant
University of Connecticut

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Education

University of Connecticut

PhD Ecology and Evolutionary Biology

Storrs, Connecticut

Aug. 2020 – Present

The University of Alabama

M.S. Biology

Tuscaloosa, Alabama

Aug. 2018 – Aug. 2020

- Thesis: Mechanisms driving red-cockaded woodpecker population trajectories, management strategies to elucidate growth, and statistical models to inform management
- Committee: Dr. Paige Ferguson (advisor), Dr. Jennifer Howeth, Dr. Alex Huryn
- Final GPA: 4.0

North Carolina State University

B.S. Fisheries, Wildlife, and Conservation Biology

Raleigh, North Carolina

Aug. 2012 - May 2016

- Graduated *cum laude* (GPA 3.45)

Publications

Martin, E. J., **F. N. Gigliotti**, and P.F.B. Ferguson (in review). Habitat features associated with red-cockaded woodpecker reproductive output in an understudied population in the East Upper Gulf Coastal Plain ecoregion. *PLOS ONE*.

- Author contributions: Assistance with writing and editing of manuscript

Presentations

- **Gigliotti, F.N.**, P.F.B. Ferguson. Effects of resource availability on red-cockaded woodpecker fecundity in Talladega National Forest, Oakmulgee Ranger District, Alabama. Ecological Society of America Annual Meeting. 2020. Salt Lake City, UT. Held virtually due to impacts of COVID-19.
- **Gigliotti, F.N.**, T.P. Franzem. Big Canoe Creek: modeling the presence of birds and insects. Friends of Big Canoe Creek Fall Meeting. 2019. Springville, AL.
- **Gigliotti, F.N.**, P.F.B. Ferguson. Estimating resource availability for red-cockaded woodpeckers. University of Alabama BioFest. 2019. Tuscaloosa, AL.
- **Gigliotti, F.N.**, P.F.B. Ferguson. Estimating resource availability for red-cockaded woodpeckers. Annual Meeting of the Alabama Chapter of the Wildlife Society. 2019. Prattville, AL.

Professional Societies

- Ecological Society of America

- The Wildlife Society
- University of Alabama Conservation Biology Society (founding member)
- American Ornithological Society

Awards, Scholarships, and Grants

- \$19,000: University of Alabama Graduate Council Fellowship 2018
- \$1,500: Alabama Audubon Walter F. Coxe Grant 2019
- \$1,000: University of Alabama Graduate Student Conference Funding 2020
- \$744: University of Alabama Graduate Student Research Funding 2019
- \$100: Best student poster Annual Meeting of the Alabama Chapter of the Wildlife Society 2019

Teaching Experience

The University of Alabama

Tuscaloosa, Alabama

BSC 117: Biology II Lab for Majors

- Position Title: Instructor (Co-instructor Summer 2019)
 - Formulated and presented pre-lab lectures
 - Instructed students through lab activities designed by lab coordinator
 - Carried out all grading responsibilities
 - Partial online instruction due to COVID-19

BSC 109: Biology II Lab for Non-majors

- Position Title: Instructor
 - Formulated and presented pre-lab lectures
 - Instructed students through lab activities designed by lab coordinator
 - Carried out all grading responsibilities
 - Partial online instruction due to COVID-19

Professional Experience

- **Virginia Rail and Sora Field Technician** Mar. 2018 – Jul. 2018
Winous Point Marsh Conservancy, Port Clinton, OH
- **Red-cockaded Woodpecker Field Technician** Oct. 2017 – Feb. 2018
Avon Park Air Force Range, Avon Park, FL
- **Northern Bobwhite Field Technician** Jan. 2017 – Aug. 2017
Fort Bragg, NC
- **Lewis's Woodpecker Field Technician** May 2016– Aug. 2016
MPG Ranch, Missoula, MT
- **Red-cockaded Woodpecker Intern** May 2015 – Jul. 2015
Evangeline and Rapides Parishes, LA

Relevant Skills and Activities

- Alabama Science Olympiad Ornithology event organizer *Feb. 2020*
- Bessemer Academy Science Fair Judge *Jan. 2019 – Jan. 2020*
- Alabama Museum of Natural History *Night at the Museum* public outreach *Feb. 2019*
- Avian radio-telemetry experience *2018 – 2019*
- Avian point-count experience *2018 – Present*
- Proficient in R and ArcGIS *2018 – Present*
- Bird banding experience (~500 individuals banded) *2015 – Present*