

ELIZABETH A. FARLEY-DAWSON

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EDUCATION

- PhD, Biology**, Texas Tech Univ., Lubbock, TX Aug 2017
- MS, Biology**, Univ. of Texas at Tyler, Tyler, TX Dec 2008
- BS, Wildlife Ecology and Conservation, minor in Zoology**, Univ. of Florida, Gainesville, FL May 2004
- AS, Natural Sciences**, St. Petersburg College, St. Petersburg, FL May 2001

RELEVANT EXPERIENCE

North Carolina Coordinator, Bird Bander, & Educator, Smithsonian Neighborhood Nestwatch Apr - Jul 2018
Smithsonian Migratory Bird Center, Washington, D.C.

- Communicated scientific results and ecological information to lay audiences of varying backgrounds and ages
- Scheduled home visits for >50 citizen program participants across Central NC
- Maintained organized, high-quality data records, and entered data into a centralized database

Project Manager, Sound Around Town (volunteer) Oct 2017-Apr 2018
Cooper Lab, North Carolina State University, Raleigh, NC

- Coordinating project development between PIs and other involved stakeholders
- Drafted recruitment materials for differing audiences and developed training protocols for volunteers
- Edited project WordPress website and outreach activities

Triangle Bird Count (volunteer) Oct 2017-Apr 2018
Katti Lab, North Carolina State University, Raleigh, NC

- Creation and maintenance of project WordPress website and Facebook page
- Recruitment of volunteers from local Audubon chapters
- Collaborated on research grant applications

Ph.D. Candidate & Graduate Researcher Aug 2011-Aug 2017
Texas Tech Univ., Dept. of Biological Sciences, Lubbock, TX

- Managed and designed research project: identified resource needs, set project goals, set timelines for implementation, and monitored progress
- Managed a crew of technicians in field and office
- Wrote and applied for grants to fund field research
- Used a wide variety of standard computer and analysis programs, including but not limited to Program R ArcGIS, and Microsoft Office Suite
- Wrote R code for data manipulation and statistical and spatial analysis

Field Assistant May- Aug 2010
Stephen F. Austin State Univ., Dept. of Forestry, Nacogdoches, TX

- Compiled a document detailing methods of field data collection and issues with plant species identification
- Supervised vegetation surveys and built an MS Access database for 2010 vegetation data
- Conducted avian song transect and nest-searching surveys

- Crew Leader**, Coastal Islands Bird and Bat Survey at Cumberland Island National Seashore May- Jul 2006
Univ. of Florida, Dept. of Wildlife Ecology and Conservation, Gainesville, FL.
- Supervised and trained an assistant in protocols, data collection, and data and project management
 - Assisted project leader in bat mist-netting and obtaining bat reference recordings
 - Surveyed birds and bats with point counts, and bats using using Anabat and Petersson bat detectors

- Wildlife Research Assistant** Sep 2004- Dec 2005
Univ. of Florida, Dept. of Wildlife Ecology and Conservation, Gainesville, FL
- Wrote rough drafts of manuscripts for publication
 - Analyzed data using ArcGIS, SPSS, and DTREG
 - Conducted avian population surveys, behavioral observations, nest box monitoring, nestling banding, and color-band resighting
 - Organized volunteers to aid management and entry of nest box monitoring project data

- Wildlife Field Research Technician**, Grassland Bird Project, Penn State Univ., Dept. of Forestry, State College, PA
Pennsylvania Fish and Game Commission, Harrisburg, PA May-Jul 2003
- supervised nest database management and oversaw nest searching and monitoring activities
 - Target-netted, banded, resighted, and mapped territories of Henslow's, Grasshopper, and Savanna Sparrows
 - Assisted radiotelemetry and behavioral observations of Grasshopper and Henslow's Sparrows

- Student Biology Lab Assistant** Aug 2000- May 2001
St. Petersburg (Junior) College, Dept. of Natural Sciences, St. Petersburg/Gibbs Campus, St. Petersburg, FL
- Wrote lab set-up guide for future assistants
 - Set up and took down materials needed weekly for several biology lab classes
 - Organized storeroom

PEER-REVIEWED PUBLICATIONS & TECHNICAL REPORTS

- 2008 **Farley, EA**, KE Sieving, and TA Contreras. Characterizing complex mixed-species bird flocks using an objective method for determining species participation. *J. Ornithology* 149: 451-468.
- 2008 **Farley, EA**, DW Pogue, and LR Williams. Breeding ecology of Bachman's Sparrow (*Aimophila aestivalis*) in post oak savannah on Camp Maxey, Lamar County, Texas: Final Report. Texas Army National Guard. Interagency Coop. Agreement TX07-ENV-01 401-7-1198.
- 2008 Reetz, MJ, **EA Farley**, and TA Contreras. Evidence for Bachman's Sparrow raising Brown-headed Cowbirds to fledging. *Wilson J. Ornithol.* 120: 625-627.

SCIENTIFIC PRESENTATIONS (* PRESENTING AUTHOR)

- 2018 **Farley-Dawson EA*** and KA Schmidt. Poster. Influence of behavior, landscape features, and spatial scale on Veery breeding site occupancy and preference in NY, USA. American Ornithological Society Annual Conference, Tucson, AZ, 9-14 Apr 2018.
- 2016 **Farley-Dawson EA*** and KA Schmidt. Oral and poster. Nest site selection response of Veery to audio cues of Broad-winged Hawk. The Wildlife Society 23rd Annual Conference, Raleigh, NC, 15-19 Oct 2016.
- 2015 **Farley-Dawson EA*** and KA Schmidt. Poster. Use of a novel nest substrate by a Neotropical migratory songbird, the Veery (*Catharus fuscescens*). 100th Annual Ecological Society of America. 9-14 Aug. 2015, Baltimore, MD.

- 2014 **Farley-Dawson EA*** and KA Schmidt. Poster. Use of a novel nest substrate by a Neotropical migratory songbird, the Veery (*Catharus fuscescens*). Joint Meeting of the American Ornithologists' Union, Cooper Ornithological Society, and Society of Canadian Ornithologists. 24-27 Sept. 2014, Estes Park, CO.
- 2014 **Farley-Dawson EA*** and KA Schmidt. Oral. Use of a novel nest substrate by a Neotropical migratory songbird, the Veery (*Catharus fuscescens*). 5th Annual Texas Tech Biological Sciences Symposium. 28-29 Mar. 2014, Lubbock, TX.
- 2014 **Farley-Dawson EA*** and KA Schmidt. Poster. Use of a novel nest substrate by a Neotropical migratory songbird, the Veery (*Catharus fuscescens*). Achievement Rewards for College Scientists Fellows Awards Dinner, 28 Oct 2014, Lubbock, TX.
- 2013 **Farley-Dawson EA*** and KA Schmidt. Oral. Factors influencing changes in Veery (*Catharus fuscescens*) site occupancy within a breeding season. 4th Annual Texas Tech Biological Sciences Symposium. 22-23 Mar. 2013, Lubbock, TX.
- 2009 **Farley, EA***, DW Pogue, and LR Williams. Oral. Breeding biology of Bachman's Sparrow (*Aimophila aestivalis*) in post oak savanna at Camp Maxey, Lamar County, Texas. 45th Texas Chapter of The Wildlife Society Meeting, 26-28 Feb. 2009, Lubbock, TX.
- 2006 **Farley, EA***, KE Sieving, and TA Contreras. Poster. Characterizing complex mixed-species bird flocks using an objective method for determining species participation. 91st Ecological Society of America Meeting. 6-11 Aug. 2006, Memphis, TN.
- 2006 **Farley, EA***, KE Sieving, and TA Contreras. Oral. Characterizing complex mixed-species bird flocks using an objective method for determining species participation. Spring Meeting of the Florida Chapter of The Wildlife Society. Apr. 2006, Cocoa Beach, FL.

PROFESSIONAL DEVELOPMENT

- Movebank Short course on analyzing animal tracking data in R, May 20-21 2018
- Get Spatial! Using R as GIS and Spatial Analyses, American Ornithological Society Meeting 2018
- Seeing Science: Improving Your Visual Communication Skills, NCSU Library Workshop, Oct 26 2017
- Intermediate R Workshop, 23rd Annual Meeting of The Wildlife Society, Oct 15 2016
- The Groundwork Program: Teaching Training for Graduate Students, May 25-27 2016

GRANT COLLABORATIONS

- National Science Foundation: Ecology and Evolution of Infectious Diseases 2018

TEACHING EXPERIENCE

Instructor of Record (Graduate Part-time Instructor), Texas Tech Univ. Summer 2016

- Principles of Ecology Lecture

Graduate Teaching Assistant, Texas Tech Univ.

- General/Advanced Ornithology Lab Spring 2014; Spring 2015
- General Biology I & II (for Majors) Labs Fall 2011, 2012, 2013, 2014; Spring 2013
- Environmental Problems Lab Spring 2012

Graduate Teaching Assistant, Univ. of Texas at Tyler Fall 2006- Spring 2008; Spring 2009

- General Biology I & II Labs

PROFESSIONAL MEMBERSHIPS

The Wildlife Society	Since 2015
Ecological Society of America	Since 2013
American Ornithological Society	Since 2008
Wilson Ornithological Society	Since 2008