

ELIZABETH A. FARLEY-DAWSON

e.farley.dawson@gmail.com | elizabethfarley-dawson.weebly.com

EDUCATION

- PhD, Biology**, Texas Tech Univ., Lubbock, TX Aug 2017
Dissertation Title: *Factors influencing habitat selection, spatial distribution, and site fidelity in a Neotropical migratory bird, the Veery (Catharus fuscescens)*
- MS, Biology**, Univ. of Texas at Tyler, Tyler, TX Dec 2008
Thesis Title: *Breeding ecology of Bachman's Sparrows (Aimophila aestivalis) in post oak savanna on Camp Maxey, Lamar County, Texas*
- BS, Wildlife Ecology and Conservation, minor in Zoology**, Univ. of Florida, Gainesville, FL May 2004
Honor's Thesis Title: *Effects of temperature on participation in mixed-species bird flocks*
- AS, Natural Sciences**, St. Petersburg College, St. Petersburg, FL May 2001

TEACHING EXPERIENCE

Instructor of Record (Graduate Part-time Instructor), Principles of Ecology Summer 2016
Texas Tech Univ., Dept. of Biological Sciences, Lubbock, TX

- Designed the lecture course to fit a 6-week summer session, and revised syllabus and schedule to suit
- Wrote and delivered PowerPoint lectures supplemented by video and electronic resources posted online
- Maintained a BlackBoard portal for the course, with electronic materials posted for students
- Interacted with students outside of class through in-person office hours and email
- Wrote and graded exams, and submitted grades to the university
- Supervised a graduate teaching assistant

Graduate Teaching Assistant

Texas Tech Univ., Dept. of Biological Sciences, Lubbock, TX

- 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
- Each semester, taught 2-3 lab sections of courses listed above
- Solely responsible for short lectures and walking students through lab exercises in my sections
- Wrote and graded quizzes and other lab assignments, including semester projects
- Communicated with students outside of class during office hours and via email
- Proctored and graded lecture exams for supervising professor(s)
- Often supervised an undergraduate teaching assistant
- For Ornithology labs, organized and co-led weekly field trips for students, and 1 weekend trip

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

The University of Texas at Tyler, Dept. of Biology, Tyler, TX

- General Biology I & II Labs
- Each semester, taught 2 lab sections of courses listed above
- Solely responsible for short lectures and walking students through lab exercises in my sections
- Wrote and graded quizzes and other lab assignments, including semester projects
- Communicated with students outside of class during office hours and via email

PROFESSIONAL DEVELOPMENT

Short course on analyzing animal tracking data by Roland Kays	Upcoming 2018
Get Spatial! Using R as GIS and Spatial Analyses, American Ornithological Society Meeting	Upcoming 2018
Intermediate R Workshop, 23 rd Annual Meeting of The Wildlife Society, Oct 15	2016
The Groundwork Program: Teaching Training for Graduate Students, May 25-27	2016

WORK AND RESEARCH EXPERIENCE

Project Manager, Sound Around Town Oct 2017-present

Cooper Lab, North Carolina State University, Raleigh, NC

- Coordinating project development between PIs and other involved stakeholders
- Drafting recruitment materials for differing audiences and developing protocols for volunteers
- Maintaining project website and outreach activities

Ph.D. Candidate & Graduate Researcher Aug 2011-Aug 2017

Texas Tech Univ., Dept. of Biological Sciences, Lubbock, TX

- Characterized habitat use, spatial use, and nest site selection by Veery in New York
- Designed and executed a field behavioral experiment using audio playback
- Incorporated a wide variety of survey and analytical methods, including but not limited to: avian, vegetation, and arthropod surveys; landscape analysis; and generalized linear mixed modeling

Seasonal Avian Foraging Biologist Feb- Jun 2011

The Nature Conservancy, Fort Hood Project, Fort Hood, TX

- Captured, banded, observed behavior and mapped territories of endangered Golden-cheeked Warbler (GCWA)
- Surveyed vegetation using multiple methods
- Generated behavior files using Program Jaybird

Field Assistant May- Aug 2010

Stephen F. Austin State Univ., Dept. of Forestry, Nacogdoches, TX

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

Stream Ecology Field Assistant Jun-Aug 2009

The Univ. of Texas at Tyler, Dept. of Biology, Tyler, TX

- Sampled fish using a barge electro-shocker
- Gathered aquatic habitat data on the Neches River, TX

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

- Surveyed birds and bats with point counts, and bats using Anabat and Petersson bat detectors
- Supervised and trained an assistant in protocols
- Assisted project leader in bat mist-netting and obtaining bat reference recordings

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 Arc GIS, 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 Technician, Tensas River National Wildlife Refuge, Tallulah, LA

May- Jul 2004

USGS Patuxent Wildlife Research Center, Vicksburg, MS (via contract with Johnson Controls)

- Performed avian point counts and assisted with MAPS protocol mist-netting

Wildlife Field Research Technician, Grassland Bird Project, Penn State Univ., Dept. of Forestry, State College, PA

May-Jul 2003

Pennsylvania Fish and Game Commission, Harrisburg, PA

- Oversaw nest searching and monitoring activities and supervised nest database management
- 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

Wildlife Field Research Assistant, National Fire and Fire Surrogate Study, Southeastern Coastal Plain Site, Myakka River State Park, Sarasota, FL.

May- Jul 2002

Univ. of Florida, Dept. of Wildlife Ecology and Conservation, Gainesville, FL

- Conducted avian point counts, nest searching and monitoring, and avian behavioral observations
- Trapped small mammals
- Surveyed vegetation

Student Biology Lab Assistant

Aug 2000- May 2001

St. Petersburg (Junior) College, Dept. of Natural Sciences, St. Petersburg/Gibbs Campus, St. Petersburg, FL

- Set up and took down materials needed weekly for several biology lab classes
- Organized storeroom
- Wrote lab set-up guide for future assistants

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)

- Future 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.

GRANTS AND FUNDING AWARDED

- | | |
|---|------|
| Eastern Bird Banding Association Grant (\$500) | 2015 |
| Travel Award, Texas Tech Univ. Association of Biologists (\$550) | 2014 |
| 2 nd Place Ecology Presentation, Texas Tech Univ. Assoc. of Biologists Symposium (\$100) | 2014 |

GRADUATE FELLOWSHIPS

- | | |
|---|-----------|
| Doctoral Dissertation Completion Fellowship, Texas Tech Univ. | 2015 |
| Achievement Rewards for College Scientists (ARCS) Foundation Fellowship (\$5000), Texas Tech. Univ. | 2014 |
| AT&T Chancellor's Fellowship (\$4000/yr.), Texas Tech Univ. | 2011-2014 |

PROFESSIONAL MEMBERSHIPS

- | | |
|---|------------|
| The Wildlife Society | Since 2015 |
| Ecological Society of America | Since 2013 |
| Association of American Field Ornithologists | 2012 |
| Texas Chapter of The Wildlife Society | 2009 |
| American Ornithological Society (formerly American Ornithologists' Union) | Since 2008 |
| Wilson Ornithological Society | Since 2008 |

The Wildlife Society, Univ. of FL Student Chapter 2002-2005

SERVICE, OUTREACH, AND VOLUNTEER INVOLVEMENT

Climate Watch, Wake Audubon Society Feb 2018
Songbird Celebration, Wake Audubon Society Sept 2017
South Plains Food Bank Nov 2015
Reviewer: *Oikos* 2015
Co-lead Summer Bird Walk with Kenneth A. Schmidt, Cary Institute of Ecosystem Studies, Millbrook, NY 2015, 2014
Recycling Committee, Texas Tech Univ. Association of Biologists (TTUAB) 2014
Lab Kit Sales, and Recycling Volunteer, TTUAB 2011-2014
112th Christmas Bird Count, Llano Estacado Audubon Society, Lubbock, TX 2011
Save the Frogs Playa Lakes Cleanup, TTUAB 2012
12th Great Texas Birding Classic, Upper Texas Coast, Team “Accidental Accipiters” 2009
109th Christmas Bird Count, Tyler Audubon Society, Tyler, TX 2008
10th Great Texas Birding Classic, Upper Texas Coast, Team “UT Tyler Dunk-a-doos” 2007
Nest Box and Bird Banding Project at the Katherine Ordway-Carl Swisher Preserve, Gainesville, FL 2002-2005
Adopt-a-Highway Road Cleanup, UF Student Chapter of the Wildlife Society 2002-2005
Wild Turkey population survey (graduate student project), Univ. of FL. 2002, 2003
Fall Migration Bird Count, Alachua Audubon Society, Gainesville, FL 2002, 2005
102nd Christmas Bird Count, Alachua Audubon Society, Gainesville, FL 2001
3rd Annual Great Air Potato Roundup, Gainesville, FL 2001
Secretary, Univ. of FL Student Chapter of The Wildlife Society 2002-2005