

Jordan C. Giese

Department of Natural Resource Ecology and Management
Iowa State University
2310 Pammel Drive
Ames, IA 50011
Mobile: 402-719-7475
E-mail: jordangiese2@gmail.com

EDUCATION

Ph.D. in Wildlife Ecology

In progress

Iowa State University

Dissertation: The impact of restored prairie strips on grassland bird and pollinator communities

Graduate Adviser: Lisa Schulte-Moore, Ph.D.

M.S. in Agricultural and Natural Resource Sciences

December, 2016

Tarleton State University, Texas

Thesis: Factors influencing nest survival of White-tipped Doves in the Lower Rio Grande Valley, Texas

Graduate Adviser: Heather Mathewson, Ph.D.

B.S. in Fisheries and Wildlife

December, 2013

University of Nebraska-Lincoln

GRE Scores

Verbal Reasoning: 155 (68th percentile)

Quantitative Reasoning: 158 (70th percentile)

TEACHING EXPERIENCE

Adjunct Faculty, Tarleton State University

2016-2017

- Taught lecture sections of Wildlife Conservation and Management, introduced non-majors to wildlife science, lectured 5 days a week, prepared lessons, and drafted exams.
- Led class field days to demonstrate hands-on experience of VHF telemetry, small mammal trapping, vegetation sampling, and avian identification.
- Guest lecturer for Avian Ecology, Population Dynamics, Human Dimensions, and Freshman Seminar.

Teaching Assistant, Tarleton State University

2014-2016

- Taught laboratory sections in Fire Ecology, GIS, and Wildlife Management Techniques, set-up weekly labs, prepared instructor notes, developed and set-up lab exams, graded lab reports and designed quizzes.

RESEARCH EXPERIENCE

Research Ecologist, Tarleton State University

2016-2017

- Assisted with ongoing research regarding survival, mortality, and habitat occupancy of Mourning and White-winged Doves in Texas.
- Collaborated with Texas Parks and Wildlife and analyzed provided statewide banding metadata.
- Assisted 3 current Tarleton graduate students examining population dynamics of doves.
- Assisted with Tarleton Wildlife recruiting activities.

Graduate Research Assistant, Tarleton State University

2014-2016

- Searched for and monitored nests of White-tipped Doves in citrus agriculture, riparian woodlands, and dry forests of the Lower Rio Grande Valley of southern Texas.

- Constructed and placed real-time, infrared emitting camera systems on a subsample of dove nests to identify predators and document parental behavior.
- Trapped, banded, and placed VHF/GPS transmitters on White-tipped Doves.
- Collected morphological measurements and sexed White-tipped Doves.
- Captured new longevity record for species.
- Mentored/advised 2 undergraduate researchers investigating aspects of avian ecology.
- Led field crews of 4 technicians during summers of 2015 and 2016.

Field Crew Leader, University of Nebraska-Lincoln

May-August, 2013

- Taught visual and auditory bird identification skills to technicians.
- Taught nest searching techniques for 3 target species – Bell’s Vireo, Brown Thrasher, and Gray Catbird.
- Communicated with landowners and designed sampling plans.
- Delegated responsibilities and assessed technicians’ performance.

Field Technician, University of Nebraska-Lincoln

May-August, 2012

- Conducted systematic nest searches on organic and conventional farms, marshes, and prairies.
- Used GPS and GIS to map and coordinate searches.
- Developed visual and auditory bird identification skills.
- Used cameras and audio recorders to investigate bird behavior.

Lab Technician, University of Nebraska-Lincoln

October-December, 2011

- Prepared samples of deer lymph nodes for laboratory testing.
- Tested tissues for presence of Chronic Wasting Disease.

OTHER RELEVANT EMPLOYMENT

Habitat Manager, Henning Farms, Lincoln, Nebraska

August, 2013-August, 2014

- Managed CRP contracted properties.
- Conducted experimental releases of Ring-necked Pheasants and surveyed upland bird abundance.
- Managed for native grass, shrub, and tree species.
- Chemically and mechanically controlled noxious weeds and invasive trees.

MANUSCRIPTS IN PREPARATION/REVIEW

Giese, J.C., H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2017. Nest survival and Predation of White-tipped Doves in the Lower Rio Grande Valley, Texas.

Giese, J.C., S.O. Oldenburger, H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2017. Survival, Morphology, and Longevity of a White-tipped Dove Population in South Texas.

Hall, J.D., **J.C. Giese**, H.A. Mathewson, S.O. Oldenburger, T.W. Schwertner, and J.B. Breeden. 2017. Parental behavior and attendance patterns of nesting White-tipped Doves in the Lower Rio Grande Valley of Texas.

Mote, K.A., **J.C. Giese**, H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2017. Nest survival of Mourning Doves in the Lower Rio Grande Valley, Texas.

PRESENTATIONS

Giese, J.C., H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2017. Factors influencing nest survival of gamebird in an agricultural landscape. The 6th International Conference for Young Researchers: ‘Multidirectional Research in Agriculture, Forestry and Technology,’ Krakow, Poland.

Mote, K.W., **J.C. Giese**, H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2017. Nest survival of Mourning Doves in the Lower Rio Grande Valley, Texas. Texas Chapter of the Wildlife Society Annual Meeting, San Antonio, TX.

Mote, K.W., **J.C. Giese**, H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2016. Nest survival of Mourning Doves in the Lower Rio Grande Valley, Texas [Poster]. The Wildlife Society, Raleigh N.C.

Giese, J.C., H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2016. Factors influencing nest survival of White-tipped Doves in the Lower Rio Grande Valley, Texas. The Wildlife Society, Raleigh, N.C.

Giese, J.C., H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2016. Factors influencing nest survival of White-tipped Doves in the Lower Rio Grande Valley, Texas. North American Ornithological Conference, Washington, D.C.

Mathewson, H.A., **J.C. Giese**, T.A. Enright, J.D. Hall, T.W. Schwertner, and J.B. Breeden. 2016. New insights into the ecology of a species on the edge of its range. North American Ornithological Conference, Washington, D.C.

Hall, J.D., **J.C. Giese**, H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2016. Parental behavior and attendance patterns of nesting White-tipped Doves in the Lower Rio Grande Valley of Texas. North American Ornithological Conference, Washington, D.C.

Giese, J.C., H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2016. Factors influencing White-tipped Dove nest survival in the Lower Rio Grande Valley, Texas. Texas Chapter of the Wildlife Society Annual Meeting, San Antonio, TX.

Hall, J.D., **J.C. Giese**, H.A. Mathewson, T.W. Schwertner, and J.B. Breeden. 2016. Parental behavior and attendance patterns of nesting White-tipped Doves in the Lower Rio Grande Valley of Texas. Texas Chapter of the Wildlife Society Annual Meeting, San Antonio, TX.

Giese, J.C., H.A. Mathewson, T.W. Schwertner, and J.B. Breeden Nest predation of White-tipped Doves in south Texas [Poster]. The Wildlife Society, Winnipeg, MB.

Quinn, J.E., and **J.C. Giese**. 2013. Identifying conservation opportunities for species of concern in managed ecosystems [Poster]. Nebraska Natural Legacy Conference.

Giese, J.C., and J.E. Quinn. 2012. An update on bird conservation and research. Nebraska Organic Farmers Conference.

AWARDS

Best Oral Presentation at 6 th International Conference for Young Researchers in Krakow, Poland	2017
1 st place in Graduate Oral Presentation at Texas A&M Student Research Symposium	2016
Fall 2016 Outstanding M.S. Graduate of Tarleton WSES Department	2016
American Ornithologists' Union Student Membership Award	2016

GRANTS

American Ornithologists' Union Travel Grant-\$265.00	2016
Student Travel Grant, Tarleton State University-\$1,000 x 3	2015-2016
Student Research Grant, Tarleton State University-\$2,000	2015

GRANT PROPOSALS CO-AUTHORED

Mathewson, H. A., J. Breeden, T. W. Schwertner, D. Kattes, and **J.C. Giese**. 2015. Effects of human disturbance and beach management practices on piping plovers and red knots wintering on the Texas coast. Texas Parks & Wildlife Department, \$97,720.

Mathewson, H.A., J.M. Meik, and **J.C. Giese**. 2015. Houston Memorial Park initial biological assessment. Memorial Park Conservancy \$266,660.

CERTIFICATIONS

S-130 Firefighter Training

S-190 Introduction to Wildland Fire Behavior

L-180 Human Factors in the Wildland Fire Service

IACUC Regulation Training

CPR and First Aid

PROFESSIONAL SERVICES

American Ornithological Society Communications Committee

2017-present

PROFESSIONAL AFFILIATIONS

American Ornithological Society

The Wildlife Society

Texas Chapter of The Wildlife Society

TECHNICAL SKILLS

Statistical analysis, R coding, ArcGIS, avian identification, surveys and point counts, nest monitoring, avian and small mammal trapping, avian and small mammal capture and handling, morphological measurements, GPS, VHF telemetry, video surveillance, pesticide application, chainsaw

VOLUNTEER EXPERIENCE

Tarleton Student Chapter of The Wildlife Society

2016-2017

Tarleton Hydrotron and Aquaponics Center

2016-2017

White-winged Dove Banding, Tarleton State University

2016-2017

Quail Research Center, Tarleton State University

2016-2017

New Student Orientation, Tarleton State University

2015-2017

FFA, Tarleton State University-Tester

2015-2017

Nebraska Crane Trust-River Guide

2013

Spring Creek Prairie Center-Habitat Technician

2013

Lincoln Community Crops-Field Hand

2013

Lower Platte South Natural Resources District-Demonstrator

2012

REFERENCES

Heather Mathewson, Ph.D.
Professor
Department of Wildlife, Sustainability, and Ecosystem Services
Tarleton State University
Stephenville, TX 76402
Phone: (979) 575-1187
Email: mathewson@tarleton.edu

Thomas Wayne Schwertner, Ph.D.
Department Head and Professor
Department of Wildlife, Sustainability, and Ecosystem Services
Tarleton State University
Stephenville, TX 76402
Phone: (512) 934-0870
Email: schwertner@tarleton.edu

Shaun Oldenburger, M.S.
Migratory Shore and Upland Game Bird Program Manager
Texas Parks and Wildlife Department
San Marcos, TX 78667
Phone: (512) 757-6067
Email: shaun.oldenburger@tpwd.texas.gov