

# Theresa Wisneskie

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## SUMMARY

Detail-oriented wildlife biologist specializing in ornithology with a strong interest in human/wildlife interactions. Effective communicator and educator. Familiarity with population surveys, bird banding, working with geospatial data, data management, and data analysis.

## EDUCATION

### University of Connecticut | 2017 - 2020

*M.S. – Ecology and Evolutionary Biology*

- ❖ **Thesis title:** The Effects of Agricultural Management on Wetland Birds
- ❖ **Coursework highlights:** Fundamentals of Ecological Modeling, Landscape Ecology, Geospatial Data Processing Techniques

### University of California, Davis | 2011 - 2015

*B.S. – Wildlife, Fish, and Conservation Biology*

- ❖ **Coursework highlights:** Ecology of Waterfowl and Game Birds, Population Dynamics and Estimation, Wetland Ecology

## WORK EXPERIENCE

### University of California, Davis

*Laboratory Assistant*

Davis, CA

June 2020 - Present

- ❖ Provided support and administration for a relational FileMaker database containing research data.
- ❖ Designed data entry layouts for iPads to facilitate field data collection and created new data tables to meet the needs of researchers.
- ❖ Imported and cleaned over 800,000 data records.

### University of Connecticut

*Teaching Assistant – Principles of Biology II*

Storrs, CT

Sept. 2017 – May 2020

- ❖ Instructed over 200 undergraduate students in an introductory biology course over six semesters.
- ❖ Developed, administered, and graded weekly quizzes and exams. Proctored exams for the lecture section of the course.
- ❖ Led greenhouse and biological collection facility tours for students.
- ❖ Maintained and submitted student records.
- ❖ Received the UCONN SET Teaching Excellence Award for Fall Semester '18, Spring Semester '19, and Fall Semester '19

### California Department of Fish and Wildlife

*Scientific Aid*

Sacramento, CA

Oct. 2016 – July 2017

- ❖ Responded to an average of 25 requests per month for Scientific Collecting Permits to conduct scientific research within California.
- ❖ Collaborated with environmental scientists to recommend appropriate capture and handling techniques to scientists working with California wildlife.

### USGS Western Ecological Research Center

*Biological Technician (Seasonal)*

Dixon, CA

Mar. 2016 – Aug. 2016

- ❖ Constructed modified floating funnel traps for catching snakes. Set and pulled trap lines of 50-100 traps as needed. Identified fish, amphibians, and reptiles caught within traps and recorded them.

- ❖ Captured federally threatened giant garter snakes for population monitoring using snake traps and radio telemetry. Measured and marked snakes by micro-branding and injecting PIT tags.

**University of California, Davis**  
*Junior Specialist (Seasonal)*

Davis, CA  
 Apr. 2015 – Mar. 2016

- ❖ Developed a relational database in FileMaker Pro to organize 16 years of field data on wood duck nests, eggs, ducklings, and adult measurements.
- ❖ Supervised intern crews during daily monitoring of wood duck nest boxes for eggs and ducklings.
- ❖ Measured and marked over 20 adult nesting wood ducks and over 200 ducklings. Banded adult wood ducks with USGS bands and injected PIT tags into adult ducks and ducklings. Took blood samples for genetic analysis.

### SKILLS

MS Office Suite: Word, Excel, and Access  
 FileMaker Pro  
 ArcGIS  
 R and RStudio  
 Python

Ecological modeling  
 Telemetry (VHF)  
 Technical Writing  
 Bird identification by sight and sound  
 Windows and MacOS

### PRESENTATIONS

“Intensification of agricultural wetlands and its effects on birds: a systematic map.” Association of Field Ornithologists/Wilson’s Ornithological Society joint meeting. Cape May, NJ, Oct. 2019.

### PROFESSIONAL MEMBERSHIPS

- Association of Field Ornithologists
- Wilson’s Ornithological Society

### VOLUNTEER WORK

**UConn Connects (September 2018 – May 2020):** Mentor for undergraduate students at the University of Connecticut on academic probation.

**UC Davis Museum of Fish and Wildlife Intern (2014-2015):** Curated museum reptile collection, including entering specimen data into Access database and filling out specimen tags for over 250 reptile specimens.