

# Mary Mack Gray

AVIAN ECOLOGIST

Tall Timbers Research Station, 13093 Henry Beadel Rd., Tallahassee, FL

✉ graymarymack@gmail.com | 🏠 www.researchgate.net/profile/Mary\_Mack\_Gray

## Education

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### University of Florida

MSC Gainesville, FL

• Wildlife Ecology and Conservation Aug 2017-May 2019

### North Carolina State University

BS Raleigh, NC

• Biological Sciences - Ecology, Evolution, & Conservation Aug 2008-Dec 2012

## Experience

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### Tall Timbers Research Station

AVIAN RESEARCH SPECIALIST Tallahassee, FL

• Southeastern pineland bird research, authoring publications, data analysis, grant writing, field work, outreach May 2019-present

### Tall Timbers Research Station

RESEARCH TECHNICIAN Tallahassee, FL

• Brown-headed Nuthatch re-sighting, color-banding, nest monitoring, data collection, outreach Feb 2015-Aug 2016; Jun 2016-Aug 2017

### USFWS

BIOLOGICAL TECHNICIAN St. Marks, FL

• Endangered species conservation and management, specifically Frosted flatwoods salamander and Red-cockaded Woodpeckers Aug 2016-Jun 2017

### Cornell Lab of Ornithology

FIELD ASSISTANT Brisbane, AUS

• Variegated and Red-backed Fairy-wren research and nest monitoring. Aug 2014-Jan 2015

### Archbold Biological Station

AVIAN ECOLOGY INTERN Venus, FL

• Florida Scrub-jay research and nest monitoring Jan 2014-Aug 2014

## Skills

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### FIELD

- Bird banding (>400 passerines banded), mist netting, collecting blood samples, radio telemetry, nest searching/monitoring, experience with Red-cockaded Woodpecker ladders and extraction, expertise with spotting scope, prescribed burning experience

### ANALYTICAL

- Statistical analysis including multivariate statistics; data collection, management, and analysis; research design; reproducible research

### EQUIPMENT

- 4WD, ATV/UTV, Manual transmission, Chainsaw, Mist nets

### PROGRAMMING

- R (advanced)

### SOFTWARE

- ArcGIS, Microsoft Office Suite, JMP

### WRITING

- Experience applying for and obtaining small grants, publication record, science communication experience

## LEADERSHIP

- Vice President, Florida Ornithological Society; Training/managing small field crews including interns and technicians

## Publications

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**MM Gray, EW Schunke, JA Cox**

TOOL USAGE BY JUVENILE SITTA PUSILLA (BROWN-HEADED NUTHATCH)

• 2

*Southeastern naturalist*

2016

## Professional Memberships

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**Florida Ornithological Society**

COORDINATE ANNUAL MEETINGS, OVERSEE MEMBER RECRUITMENT, ORGANIZE MEETING SYMPOSIA, HELP WITH SELECTING STUDENT RESEARCH GRANTS.

*Vice President*

*May 2019-2022,*

**American Ornithological Society**

PRESENT AT MEETINGS, ATTEND WORKSHOPS, PUBLISH IN SOCIETY JOURNALS.

*Member*

*Apr 2019-present*

## Awards/Grants

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**American Ornithological Society**

MARK E. HAUBER AWARD FOR BEST ORAL PRESENTATION ON AVIAN BEHAVIOR

*\$500*

*Jun 2019*

**American Ornithological Society**

GRADUATE STUDENT TRAVEL FUND

*\$500*

*May 2019*

**Florida Ornithological Society**

HELEN D. CRUICKSHANK RESEARCH AWARD

*\$2,500*

*May 2018*