

ANNA M. TUCKER

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856-905-2872

EDUCATION

Ph.D., Wildlife Sciences – Auburn University – expected 2019

M.S., Biology – Virginia Commonwealth University – 2014

B.S., Biology – Loyola University Maryland – 2010

RESEARCH GRANTS AND FELLOWSHIPS

Garden Club of America Francis M. Peacock Scholarship for Native Bird Habitat (\$4000, 2017)

Graduate Thesis/Dissertation Fellowship, Auburn University Graduate School (\$500, 2015)

Eastern Bird Banding Association Memorial Fund Research Grant (\$1000, 2015)

VCU Rice Center Student Research Award (\$1000, 2013)

Virginia Society of Ornithology J.J. Murray Research Award (\$1000, 2013)

Loyola University Hauber Summer Research Fellowship (\$3000, 2008)

AWARDS AND HONORS

AOS Council Student Presentation Award, American Ornithological Society (2018)

Ducks Unlimited Outstanding Graduate Student Award, Auburn University (2017)

Best Student Poster, Euring Analytical Meeting and Workshop (2017)

Outstanding Graduate Student in Ecology, Virginia Commonwealth University (2014)

1st place, Oral Presentations, Loyola University Undergraduate Research Colloquium (2010)

PUBLICATIONS

Tucker, A.M. C.P. McGowan, et al, *In prep.* Foraging ecology mediates the effect of ecological mismatch on stopover mass gain dynamics.

Tucker, A.M., C.P. McGowan, R.A. Robinson, J.A. Clark, J.E. Lyons, A.L. DeRose-Wilson, R. du Feu, G.E. Austin, P.W. Atkinson, and N.A. Clark. *Submitted.* Occurrence and consequences of individual misidentification in mark-recapture studies. *The Condor*.

Robinson, R.A. J.A. Clark, N.A. Clark, A.L. DeRose-Wilson, A. Dey, K. Kalasz, L.J. Niles, H. P. Sitters, **A.M. Tucker**, and C.D.T. Minton. *In review.* Mass gain strategies of a spring-staging long distance migrant shorebird, the Red Knot *Calidris canutus*. *Wader Study Group Bulletin*.

Weaver, R.J., E.A. Santos, **A.M. Tucker**, A.E. Wilson, and G.E. Hill. 2018. Carotenoid metabolism strengthens the link between feather coloration and individual quality. *Nature Communications*: 9.

Tucker, A.M. and L.P. Bulluck. 2017. No evidence for a negative effect of conspecific brood parasitism on annual survival of female Prothonotary Warblers. *Ibis*, 160: 447-452.

Tucker, A.M., R.J. Dyer, S.K. Huber, and L.P. Bulluck. 2016. Opportunistic conspecific brood parasitism in a box-nesting population of Prothonotary Warblers (*Protonotaria citrea*). *The Auk*: 133, 2, 298-307.

CONFERENCE PRESENTATIONS

Tucker, A.M., A.L. DeRose-Wilson, M.P. Catalano, and C.P. McGowan. April 2018. Effects of resource mismatch on stopover mass gain dynamics for two Arctic-breeding shorebirds. Oral presentation at the **American Ornithological Society Annual Meeting, Tucson AZ** *won Student Presentation Award

Tucker, A.M., A.L. DeRose-Wilson, M.P. Catalano, and C.P. McGowan. November 2017. Comparing annual variation in stopover mass gain between two long-distance migrants. Oral presentation at **Western Hemisphere Shorebird Group, Paracas, Peru** (*presented by R.A. Robinson*)

Tucker, A.M. A.L. DeRose-Wilson, and C.P. McGowan. July 2017. Combining multistate models and network theory to evaluate movement patterns during migratory stopover. Poster presentation at **Euring Analytical Meeting, Barcelona, Spain** **won Best Student Poster Award*

Tucker, A.M. and C.P. McGowan. August 2016. Assessing the influence of migratory connectivity and spring stopover site disturbance on population dynamics using a full annual cycle simulation model. Oral presentation at the **North American Ornithological Conference VI, Washington DC**

Tucker, A.M., R.J. Dyer, S.K. Huber, and L.P. Bulluck. September 2014. Conspecific brood parasitism as an alternative breeding strategy in box-nesting Prothonotary Warblers. Oral presentation at the **American Ornithologists' Union Annual Meeting, Estes Park CO**

Tucker, A.M., R.J. Dyer, and L.P. Bulluck. The occurrence and consequences of conspecific brood parasitism in the Prothonotary Warbler (*Protonotaria citrea*). April 2014. Oral presentation at the **Virginia Society of Ornithology Annual Meeting, Norfolk VA**

PROFESSIONAL DEVELOPMENT

Integrated Population Modeling Workshop, Patuxent Wildlife Research Center (Oct 2017)
 Data Integration Workshop, Euring Analytical Meeting, Barcelona (Jul 2017)
 Conservation Leaders for Tomorrow, Mansfield GA (Jan 2017)

TEACHING EXPERIENCE

Lesson Development

Wildlife Population Science Lab, Auburn University (Spring 2018)
 Quantitative Techniques for Species Status Assessments, USFWS Training Course (2017-2018)
 Ornithology Program, National Audubon Society Hog Island Family Camp (2017 & 2018)
 Ornithology, Virginia Commonwealth University (Summer 2013)

Guest Lectures

Avian Conservation in North America, Ornithology, Auburn University (Apr 2018)
 Migratory Shorebirds in Delaware Bay, Osher Lifelong Learning Institute, Auburn AL (Apr 2017)
 Avian Life History, Ornithology, Virginia Commonwealth University (Mar 2014)

Teaching Assistantships

Ornithology Lab, Auburn University (Spring 2016)
 Anatomy and Physiology II Lab, Auburn University (Spring 2015 – Fall 2016)
 Ornithology Lab, Virginia Commonwealth University (Spring 2014)
 Tropical Avian Ecology in Panama, Virginia Commonwealth University (Spring 2014)
 Introduction to Biological Sciences Lab, Virginia Commonwealth University (Fall 2012 – Fall 2013)

SERVICE AND OUTREACH

Graduate Student Representative, IT Specialist Hiring Committee (Jan 2018)
 Ornithology Instructor, National Audubon Society, Hog Island Family Camp (Aug 2017 & 2018)
 Instructor, Graduate Women in Science and Girl Scout Pi Day (Mar 2017)
 Ornithology Instructor, Alabama Extension Master Naturalist Program (Dec 2016)
 Bird Survey Leader, Alabama Extension Program BioBlitz (Apr 2016 & 2017)
 Judge, Auburn University This is Research Symposium, Poster Session (Mar 2016)
 Shorebird Monitoring Volunteer, Delaware Shorebird Project (2015 – present)
 Vice President, VCU Graduate Organization of Biology Students (2013 – 2014)

Interpretive Aide, National Aquarium in Baltimore (2010 – 2011)

Environmental Education Volunteer, Patterson Park Audubon Society (2009 – 2010)

OTHER PROFESSIONAL RESEARCH EXPERIENCE

Avian Husbandry and Lab Technician, Hill Lab, Auburn University (2014)

Lead Bird Bander, Avian Ecology Field Course in Panama, Virginia Commonwealth University (2014)

Nest Monitoring and Banding, Prothonotary Warblers, Virginia Commonwealth University (2012-2014)

Demography Technician, Wood Thrush, Smithsonian Migratory Bird Center (2012)

Point Count Technician, Oregon State University (2011)

Nest Observations, Wood Thrush, Loyola University Maryland (2008-2010)

SKILLS AND TOOLS

Microsoft Excel & Access | ArcGIS | R | Rmarkdown | Shiny | Git & Github | JAGS/BUGS | Program MARK