

# Sarah Horsley

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## EDUCATION

**Ph.D. Candidate** in Integrative Conservation (ICON) and Forestry and Natural Resources  
**The University of Georgia**, Athens, GA Expected Graduation: Spring 2020  
*Warnell School of Forestry and Natural Resources*

- Dissertation Title: *Iconic Species and a Sense of Place*
- Department of Parks, Recreation, and Tourism Management (PRTM)
- Interdisciplinary Certificate in University Teaching (in progress)
- Serves as Head of Dr. Gary Green's PRTM Lab (2016-present)
- GPA: 4.0, Funded on Dissertation Completion Grant

**M. Sc.** Forest Resources December 2015  
**The University of Georgia**, Athens, GA

- Master's Thesis: *Development of a Survey to Measure Effects of Informal Wildlife Education Programs on Visitor Attitudes and Behaviors Concerning Snakes and Citizen Science*; Committee: Dr. Gary Green, Dr. John Maerz, and Dr. Kris Irwin
- Teaching Assistantship 2013-2015
- GPA: 3.94

**B. Sc.** in Science, Technology, and Culture with High Honor May 2015  
**Georgia Institute of Technology**, Atlanta, GA

- Senior Thesis: *A City in the Forest: Atlanta's History Through its Trees*; Advised by Dr. Hugh Crawford
- GPA: 3.5

## EXPERIENCE

**Center for Integrative Conservation Research** University of Georgia  
*Graduate Assistant* 2016-2019

- Chairperson: 2018 Integrative Conservation Conference (ICC)
  - Managing initial development, planning, and organization of the inaugural year of the ICC; Duties involve booking speakers, presenters, panelists; advertising and publicity; budgeting, vendor, and venue booking; program and workshop design and scheduling; managing volunteers and committee members; creating content management system for future planning

**Trees Atlanta** Atlanta, GA  
Outreach/Tree Policy Intern Fall 2019

**Zoo Atlanta** Atlanta, GA  
Education Instructor 2015 – 2016

**Scientific Illustrator** Atlanta, GA  
Freelance 2014 - present

**The University of Georgia** Athens, GA  
Warnell School of Forestry and Natural Resources Teaching Assistant 2013-2015

**Digital Media Academy** Atlanta, GA  
Photoshop and Digital Photography Instructor 2013

**Georgia Tech Adaptive Digital Media Lab** Atlanta, GA  
Graphic Designer 2010-2011

TEACHING  
EXPERIENCE

The University of Georgia  
**ENGL 4835: Environmental Literature** Spring 2019  
Teaching Assistant  
*Assisted with syllabus creation, reading list, assignment and lesson creation, and daily class discussion.*  
*Conducting pedagogical research study: Systems-Thinking Through Environmental Literature*

**FANR/MARS 1100: Natural Resources Conservation** Spring/Fall 2014  
Teaching Assistant  
*Prepared Materials; Graded Tests and Assignments*  
*Presented Lectures: Climate Change, Wildlife Management, Outdoor Recreation, Endangered Species and Extinction, Leave No Trace*

**Course Development**  
Online FANR 1100: Natural Resources Conservation 2015  
*Created twelve online lectures with embedded audio, prepared learning objectives and review questions*

Park Management: PRTM 4400 2019  
*Designed seven interactive lectures with readings, notes sheets, and in-class activities*

GUEST LECTURES

**Integrative Conservation Seminar (ICON 8500)**  
"Understanding 'iconic species' and their importance for a sense of place, tourism, and conservation behaviors"  
Topic: Integrative Research, Strategic Communication, and Research Plans  
October 22, 2018

**Sustainability Certificate Seminar (FCID 4200/6500)**  
"Sense of Place and Iconic Species: Importance for Sustainability"  
Topic: Sustainability, Pathways, and Community Engagement  
November 6, 2018

PUBLICATIONS

Horsley, S., & Green, G. T. (2018). Construction and validation of a survey to measure perceptions of snakes. *Applied Environmental Education & Communication*, doi/full/10.1080/1533015X.2018.1445568

Horsley, S. (2019) *What's in a name? A content analysis of ENGO's use of "iconic species" in press releases.* Manuscript under review.

Horsley, S, & Balthazor, R. (2019). *Systems-Thinking and Sustainability in the Literature Classroom*. Manuscript in preparation.

PRESENTATIONS

*Systems-Thinking in the Humanities Classroom*. Oral presentation at the 2019 Innovations in Teaching Conference. Athens, GA.

*A Symbolic Landscape Aesthetic: Understanding Iconic Species through Participant-Photography*. Speed Talk at the 2019 Symposium on Integrative Conservation. Athens, GA.

*Iconic Species: Hard to Define, Easy to See*. 2018 International Symposium on Society and Resource Management. Snowbird, UT

*An Exploratory Assessment of the Meanings and Values Attributed to Iconic Species*. 2018 Symposium on Integrative Conservation. Athens, GA.

*Meanings and Values Attributed to Iconic Species of Jekyll Island, Georgia*. Oral presentation at the 2018 Southeastern Recreation Research Conference.

*Salamander Conservation Public Outreach and Scientific Engagement*. Invited Speaker at 2016 and 2017 US Salamander Biology, Conservation, and Management Training Course. Zoo Atlanta, Atlanta, GA.

*Iconic Species and Sense of Place*. Poster presented at the 2017 Southeastern Recreation Research Conference, Asheville, NC.

*Iconic Species and Conservation of Place*. Talk presented at 2017 Warnell Graduate Student Symposium, Athens, GA.

*Conservation of Place through Iconic Species*. Talk presented at 2017 Symposium for Integrative Conservation, Athens, GA.

*Effects of Educational Programs on Visitors' Attitudes towards Snake Conservation*. Talk presented at the 2015 Southeastern Recreation Research Conference, Asheville, NC.

*Examining Urban Environmental Histories Through City Trees: Developing a Methodology*. Poster presented at the 2015 Southeastern Recreation Research Conference, Asheville, NC.

*Measuring the Effects of Educational Programming on Visitors' Attitudes toward Snake Conservation and Citizen Science*. Talk presented at the 2015 Graduate School Interdisciplinary Conference in Athens, GA.

*How do Citizen Scientists Who Work with Reptiles Feel about Snakes?* Poster presented at the 2015 Warnell Graduate School Symposium in Athens, GA.

*Creating a Survey to Measure Attitudes about Snakes, Their Conservation, and Citizen Science*. Talk presented at the 2015 Warnell Graduate School Symposium in Athens, GA.

*Effects of Educational Programming on Visitors' Attitudes towards Snake Conservation.*  
Poster presented at the 2014 Joint Meeting for Ichthyologists and Herpetologists in Chattanooga, TN.

*The Effects of Native and Exotic Wildlife Curricula on Children's Environmental Awareness.*  
Poster presented at the 2014 Southeastern Recreation Research Conference in Asheville, NC.

#### AWARDS

Dissertation Completion Award (\$15,500)  
Scholarship of Teaching and Learning Emerging Scholar Award  
UGA Communication of Research and Scholarship Grant (\$1320)  
UGA Graduate School Boyd Award (\$2,000), 2018 & 2019  
*This scholarship awards students who have high moral and academic standards, a philosophy of giving back to the community, and interest in the preservation of mankind and the environment.*  
Dean's Award for Social Science (\$2,750)  
ICON Program Summer Research Funding (\$1000)  
Graduate School Summer Research Travel Grant (\$1,995)  
2018 Ashley Block Memorial Scholarship, Integrative Conservation PhD Program (\$250)  
Young Alumni Scholarship for Leadership Training 2018, 2017, and 2014 (\$500)  
2018 ComSciCon Invited Attendee  
Outstanding Teaching Assistant, Warnell School of Forestry and Natural Resources  
Dean's Award for International Study, University of Georgia  
UGA Costa Rica Foundation Incentive Award (\$600)  
Warnell Symposium 3<sup>rd</sup> place Best Oral Presentation (\$50)  
Best Poster Presentation, 2019 and 2015 Southeastern Research Recreation Conference

#### WORKSHOPS

<i>Maritime Live Oak Management</i> (Facilitation Team) to Georgia Coastal Environmental Managers	Brunswick, GA 2018
<i>Socio-Ecological Mini-Charrette on the Georgia Shrimping Industry</i> to Integrative Conservation Conference Attendees	Athens, GA 2018
<i>Design and Creativity for Scientific Presentations</i> (Led) to Warnell Graduate Student Association	Athens, GA 2016
<i>Survey Design</i> (Led) to Warnell Graduate Student Association	Athens, GA 2015
<i>Stone Mountain Salamanders</i> (Led) to Georgia Naturalists' Rally	Stone Mountain, GA 2014
<i>Scientific Illustration for Middle School</i> (Led) to St. John Neumann RCS	Lilburn, GA 2014

#### INVOLVEMENTS

Society for Conservation Biology: Social Science Working Group Communications Committee  
International Association for Society and Natural Resources  
Organized Integrative Conservation Network & Cooperative (2017-18 Symposium Committee Member and Outreach Coordinator)

Warnell Graduate Student Association (2017-18 Graduate Affairs Committee Student Representative)

Society for the Study of Amphibians and Reptiles

Citizen Science Association

WiSci UGA- Women in Science

University of Georgia Herpetological Society

SERVICE

Socio-Ecological Charrette Planning Chair for 2020 Integrative Conservation Conference (Topic: Frosted Flatwoods Recovery across Socio-Ecological Dimensions)

Reviewer for: Applied Environmental Education and Communication; Environmental Education Research

Social Media Volunteer, Society for Conservation Biology: Social Science Working Group

2019 Atlanta Urban Ecologists Teen Program Mentor

Symposium on Integrative Conservation Planning Committee

Graduate Student Workshops at Warnell School of Forestry, University of Georgia

Designed & Painted Environmental Murals at Georgia Tech & GA State Botanical Gardens

Atlanta Botanical Garden Amphibian Conservation Volunteer

Exhibit Sales Donations to Zoo Atlanta and Atlanta Botanical Garden

Rain Barrel Painting for Chattahoochee Riverkeepers Auction

University of Georgia StemZone Science Outreach Volunteer

Co-Ed Venture Crew Adult Leader (Boy Scouts of America Philmont 2015 Backpacking Trek)

EXHIBITIONS

Amphibian Foundation Ribbit Exhibit and Open House

Atlanta, GA

*Pair of Digital Salamander Illustrations*

December 2019

Art Gone Wild - Zoo Atlanta

Atlanta, GA

*Plein Air Animal Paintings and Sculptures*

June 2016, 2019

*50% sales donated to zoo conservation programs*

Athfest Juried Artist Market

Athens, GA

*Assorted Ceramics*

June 2016

Kavarna Decatur

Decatur, GA

*Atlanta Botanical Garden Amphibian Scientific Illustrations*

March 2016

*25% of sales donated to amphibian conservation*

Warnell School of Forestry and Natural Resources Lobby

Athens, GA

*Scientific Illustrations*

Nov-Dec 2015

UGA Costa Rica

San Luis, CR

*Scientific Illustrations*

May 2015

Georgia Tech Undergraduate Studies Office

Atlanta, GA

*On display: An Afternoon (4' x 6', Acrylic) and Tent Raising (6.5' x 2.5')*

2012-2013

State Botanical Gardens of Georgia

Athens, GA

*Georgia Native Species Mural*

2012

Georgia Institute of Technology, Klaus Building for Computing  
*Recycling Mural*

Atlanta, GA  
2012