

Harrison B Goldspiel

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EDUCATION

SUNY College of Environmental Science and Forestry Syracuse, NY

MSc in Environmental and Forest Biology

Jan 2016 – May 2018

- Research topic: *Forest legacy effects on amphibian populations*

Brandeis University

Waltham, MA

BA in Environmental Studies

Aug 2009 – May 2013

- Minor in Health: Science, Society and Policy (HSSP)
- GPA: 3.8, Major GPA: 4.0; Magna Cum Laude

School for International Training

Quito, Ecuador

Semester abroad in Comparative Ecology and Conservation

Jan 2012 – May 2012

Relevant Coursework: Population Modeling, Quantitative Methods in Biology, WinBUGS for Ecologists, Introduction/Advanced GIS, R & Reproducible Research, Sampling Methods, Ecology, Tropical Ecology and Conservation, Wetland Ecology, Herpetology, Ecology and Management of Invasive Species, Animal Behavior, Cell Biology, Genetics, Proposal Writing, Traditional Ecological Knowledge

RESEARCH & CONSERVATION EXPERIENCE

Galápagos Conservancy (www.galapagos.org)

Puerto Ayora, Galápagos, Ecuador

Biologist

Sep 2018–Present

- Providing analytical and field support for the Giant Tortoise Restoration Initiative (GTRI)

Department of Environmental and Forest Biology, SUNY-ESF

Syracuse, NY

Research Assistant, Gibbs Lab

Jan 2018–Jun 2019

- Provided technical support towards wildlife research and ecological restoration projects
- Investigated drivers of social-ecological outcomes in Siberian herder-grassland systems
- Performed spatial analyses of social media data (i.e., Flickr) to quantify forest tourism and recreation values in the northeastern US (<https://www.esf.edu/socialmediastudy/>)

Sierra Streams Institute (SSI)

Nevada City, CA

AmeriCorps member, River Scientist

Nov 2014–Oct 2015

- Monitored long-term research sites in the Deer Creek watershed, assessing water quality, wildlife, plant phenology, algae, and physical habitat parameters
- Coordinated watershed-scale citizen science monitoring and ecological restoration projects

Archbold Biological Station

Venus, FL

Restoration Ecology & Herpetology Research Intern

Mar–Oct 2014

- Monitored seasonal ponds for various biotic and abiotic variables
- Investigated effects of fire (time-since-fire) and feral hog rooting on amphibian communities

Suburban Ecology Project, Brandeis University

Waltham, MA

Research Intern in Forest Ecology and Management

Jan–May 2013

- Surveyed long-term forest monitoring plots in Weston, MA
- Worked with Land's Sake, a non-profit farm and conservation organization in Weston, on their education-based maple sugar, firewood, and conservation programs

TEACHING EXPERIENCE

Department of Environmental and Forest Biology, SUNY-ESF

Syracuse, NY

Graduate Teaching Assistant

Jan 2016–Dec 2017

- Courses taught: Problem Solving in Conservation Biology (Spring 2016), Field Herpetology (Summer 2016), Dendrology (Fall 2016, Fall 2017), Herpetology (Spring 2017)

LEADERSHIP & MENTORING EXPERIENCE

Department of Environmental and Forest Biology, SUNY-ESF

Syracuse, NY

Graduate Mentor

Sep 2016–Dec 2017

- *Field techs:* Noah Garwood, Cassie Schlosser, Caden Richardson
- *Lab techs:* Cassie Schlosser, Britton Conway, Alyssa Dugan, Allie Sholk, Monica Banghart

Bike & Build (www.bikeandbuild.org)

Rider (Northern U.S. Route)

Nov 2012–Aug 2013

- Fundraised over \$4,600 and raised awareness about affordable housing issues in the US
- Rode from New Hampshire to Vancouver (3767 mi.), with 30 other cyclists
- Developed construction skills on ten build sites and facilitated discussions about affordable housing and bike safety in communities across the country

HONORS & AWARDS

Society for the Study of Amphibians and Reptiles

- Victor Hutchinson Student Poster Award in Ecology (JMIH, July 2017)

Chicago Herpetological Society

- Graduate Student Research Grant, \$1000 (February 2017)

SUNY College of Environmental Science and Forestry

- Office of Instruction and Graduate Studies Travel Grant, \$500 (March 2017)
- Graduate Student Association Travel Grant, \$500 (March 2017)
- Graduate Student Association Research Grant, \$500 (May 2016)

Norcross Wildlife Foundation

- Research Equipment Grant, \$3,000 (May 2015)

PROFESSIONAL MEMBERSHIPS

Society for Ecological Restoration (since 2018)

The Ecological Society of America (since 2017)

Society for Conservation Biology (since 2017)

Society for the Study of Amphibians and Reptiles (since 2016)

PEER-REVIEWED PUBLICATIONS

Kuehn, D, Gibbs, JP, **Goldspiel, HB**, Barr, B, Sampson, A, Moutenot, M, Badding, J, Stradtman, L. 2020. Using social media data and park characteristics to understand park visitation. *Journal of Park and Recreation Administration*. <https://doi.org/10.18666/JPra-2019-10035>.

Goldspiel, HB, Cohen, JB, McGee GG, and Gibbs, JP. 2019. Forest land-use history affects outcomes of habitat augmentation for amphibian conservation. *Global Ecology and Conservation* 19: e00686. <https://doi.org/10.1016/j.gecco.2019.e00686>.

Goldspiel, HB, Newhouse, AE, Powell, WA, and Gibbs, JP. 2019. Effects of transgenic American chestnut leaf litter on growth and survival of wood frog larvae. *Restoration Ecology* 27.2: 371–378. <https://doi.org/10.1111/rec.12879>.

PRESENTATIONS

Goldspiel, HB, Nagel, LD, Schlesinger, MD, Waddell, J, Curatolo, J, and Gibbs, JP. Long-term effects of landscape restoration on amphibian populations: Insights from a decade of monitoring constructed vernal pools in central New York. Lecture given at the **April 2019 New York State Wetlands Forum**, Saratoga Springs, NY

Goldspiel, HB. Spatial and historical drivers of pool-breeding amphibian occupancy in central New York. Poster presented at the **October 2017 Student Conference for Conservation Science**, New York, NY

Goldspiel, HB. Spatial and historical drivers of pool-breeding amphibian occupancy in central New York. Poster presented at the **July 2017 Joint Meeting of Ichthyologists and Herpetologists**, Austin, TX (*best poster in Ecology, Natural History, Distribution and Behavior*)

REFERENCES

James P. Gibbs, PhD

Professor of Vertebrate Conservation Biology, SUNY-ESF, Syracuse, NY

Phone: (315) 470-6764 | email: jpgibbs@esf.edu

Joanne Hild, MSc

Executive Director, Sierra Streams Institute, Nevada City, CA

Phone: (530) 477-7132 | email: joanne@sierrastreamsinstitute.org

Betsie Rothermel, PhD

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Phone: 863-465-2571 | email: brothermel@archbold-station.org