

Giorgianna Auteri

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[REDACTED] • Ypsilanti, MI 48197

Education

- 2013–*present* M.S. candidate, Evolution, Ecology and Organismal Biology
Eastern Michigan University (EMU)
Thesis topic: Activity and migration of bats in and around Saginaw Bay, Lake Huron
Advisor: Allen Kurta
- 2007-2010 B.S. in Environmental Management
Indiana University (IU)
Undergraduate honors thesis: Plasticity of migratory behaviors and potential implications for releases of captive-bred individuals
Advisor: Vicky Meretsky

Relevant Work Experience

Eastern Michigan University, Ypsilanti, MI August 2013–*present*
Graduate Assistant

- Lead labs (1–2 per semester) for Bio 105 (Introduction to Biology for non-majors)
- Graded assignments
- Managed communications with students

Shiawassee National Wildlife Refuge, Saginaw, MI June–October 2013
Consultant

- Managed two people
- Scouted and selected mist-netting sites
- Mist-netted and banded bats
- Deployed acoustic bat detection devices (Anabats)
- Entered and recorded data collected
- Completed final report

Indiana State University, Indianapolis, IN May–August 2012
Field Technician

- Mist-netted and banded bats
- Attached transmitters endangered Indiana bats
- Performed foraging and roost-location telemetry
- Deployed acoustic bat detection devices (Anabat and SongMeter IIs)
- Counted bats exiting roosts
- Conducted vegetation surveys
- Entered and recorded data collected

Western Ecosystems Technology, Inc, Antwerp, OH
Field Technician

August–November 2011

- Monitored bird and bat fatalities at a wind farm via carcass searches, acoustic monitoring, and scavenger removal trials
- Collected biological and other data on carcasses
- Maintained AnaBat device for acoustic data collection
- Acted as field crew leader two days/week and oversaw four other technicians, checked carcass IDs, and performed scavenger removal carcass checks
- Euthanized, monitored, or released live animals found
- Mapped vegetation

Wild South, Asheville, NC
Intern

June–August 2011

- Worked closely with the NC Wildlife Resources Commission to monitor bat (via mist netting), and salamander populations in western North Carolina.
- Wrote and published several educational articles for the public.
- Helped review and suggest revisions for a draft Habitat Conservation Plan.

Environmental Protection Agency, Washington, D.C.
Intern

August–December 2009

- Evaluated scientific reports on ocean acidification sent to EPA
- Organized and attended a national conference on water quality standards
- Attended training and info sessions on water quality issues (e.g. biocriteria monitoring, wetland restoration, excess nutrients)

Related activities

Undergraduate Thesis / Research Project
Advisor: Vicky Meretsky

August–December 2010

- Examined annual migration as a phenomenon
- Compared annual migration behavior of captive-bred individuals with their wild born counterparts (through literature review)
- Produced and presented findings to a board of faculty members and the public

Volunteer

2005–*present*

- Have given my time to various groups, particularly in the areas of:
 - Education:
 - Wyle Elementary School (designed and conducted educational mist-netting and radio-tracking experience for 4th graders, 2014)
 - Ann Arbor Hands-on Museum (taught elementary-school students about heart rate and activity level, 2013)
 - IU Math Tutors (tutored undergraduate students in Applied Mathematics, 2009–2010)
 - Bloomington Bike Project (taught groups about bicycle repair and maintenance, 2009)

- Environmental stewardship:
 - Sierra Club (water quality monitoring and invasive plant control, 2005–*present*)
 - Sycamore Land Trust (invasive plant control, 2009)
 - IU Volunteers in Sustainability (various events including on-campus gardening and promotion of recycling, 2008–2010)

North American Amphibian Monitoring Project (NAAMP)

2009–2010

- Surveyed frog populations in southern Indiana
- Collected and submitted information on presence of frog and toad species heard, as well as weather conditions

Scholars in Global Citizenship Program (SGCP)

2009

- Proposed and conducted an individualized research project in South Korea
- Completed a personal research project dealing with how attitudes towards environmental conservation differ between the US and South Korea

Presentations and Publications

2014 Auteri, G., and A. Kurta. Migration of bats in and around Saginaw Bay. Michigan Academy of Science, Arts, and Letters. (Contributed talk).

2013 Auteri, G., and A. Kurta. Species composition and residency status of bats on a small island in Lake Huron. International bat research conference/ North American Society for Bat Research and Conservation. (Contributed poster).

2013 Auteri, G., and A. Kurta. Bats of the Shiawassee National Wildlife Refuge. Unpublished report, Shiawassee National Wildlife Refuge, Saginaw, Michigan.

2012 Auteri, G., J. O’Keefe, and A. Kurta. Climate and reproduction of big brown bats over an 11-year period in Indiana. (Contributed poster).

Awards and Grants

2014 Meta Hellwig and Don Brown Research Fellowship

2012 & 2013 EMU Dean’s Student Travel Award

2013 EMU Graduate Fellowship

2013 EMU Graduate Assistantship

2012 Center for North American Bat Research and Conservation Scholarship

2009 Izaak Walton League Scholarship

2009 IU Travel Award

Additional Skills and Training

Use of handheld GPS • Map and compass navigation • Mist-netting • Bat banding and identification • Radio-telemetry • Tree identification • Anabat and SM2 surveys • Microsoft Office Suite • Arc GIS • Analook • Vortex • Rabies vaccinated • CITI IACUC Animal Care Training certified • New Waters of the U.S. Rules (2014), workshop by The Swamp School

References

Vicky Meretsky

Associate Professor, Indiana University
Thesis Mentor

- E-mail: meretsky@indiana.edu
- Phone: 812-855-4944 (office)

Ben Prater, *Wild South*

Associate Director

- E-mail: ben@wildsouth.org (preferred)
- Phone: 864-494-4168 (work)

Lori Williams, *NC Wildlife Resources Commission*

Wildlife Biologist

- E-mail: lori.williams@ncwildlife.org
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- Phone: 828-712-9117 (work cell)

Gabrielle Graeter, *NC Wildlife Resources Commission*

Bat Biologist

- E-mail: gabrielle.graeter@ncwildlife.org

Michelle Ritzert, *Western Ecosystems Technology, Inc. (WEST)*

Wildlife Biologist

- E-mail: mritzert@west-inc.com (preferred)
- Phone: 812-320-7227 (work cell)

Christine Ruf, *U.S. EPA*

Policy Analyst

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(preferred)
- Phone: 202-566-1220 (work)