**Marjorie ‘Mauri’ Liberati**

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**Current Position:**

**Bailey Conservation Fellow**, The Nature Conservancy, Michigan Field Office, Lansing, MI

**Degrees**

Nov 2018 **Ph.D.**, University of Connecticut (UConn), Natural Resources and the Environment, Wildlife and Fisheries Conservation Center
**Advisors:** Chad Rittenhouse & Jason Vokoun

 **Dissertation:** *Constraints, Tradeoffs, and Opportunities for Conservation in Contemporary Landscapes*

 **Chapter titles:**▪ Beyond protection: Expanding “conservation opportunity”: to redefine conservation planning in the 21st century [*published*]
▪ Addressing ecological, economic, and social tradeoffs of refuge expansion in constrained landscapes [*in review*]
▪ Subdividing for conservation? [*in review*]
▪ Making decisions under uncertainty for management of the threatened New England cottontail using value-of-information and sensitivity analyses [*in prep*]

May 2017 **Sustainable Environmental Planning and Management Graduate Certificate**, UConn

Dec 2012 **M.S.**, The Ohio State University, Environment & Natural Resources, Fisheries &Wildlife Specialization
**Advisor:** Robert Gates

 **Thesis:** *Spring* *dispersal and breeding ecology of Northern bobwhite in southwest Ohio*

 **Chapter titles:**
▪ Spring dispersal of bobwhite [*published*]
▪ Breeding ecology of bobwhites
▪ Microhabitat influences on nest site selection and success for bobwhite [combined 3 & 4 *in review*]
▪ Home range and habitat selection of bobwhites during the breeding season

May 2009 **B.S.**, Virginia Polytechnic Institute and State University (Virginia Tech), Biology

**Peer-Reviewed Publications**

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2018. Subdivision for conservation? Biological Conservation: *In Review*.

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2018. Addressing ecological, economic, and social tradeoffs of refuge expansion in a constrained landscape. Landscape Ecology: *In Review*.

**Liberati, MR** and RJ Gates. 2018. The importance of early successional woody and herbaceous habitat for northern bobwhite during the breeding season. Wildlife Society Bulletin: *In Review*.

Wiley, M, R Gates, A Janke, and **M Liberati**. 2017. Microhabitat associations and useable space for northern bobwhite on private farmlands in southwestern Ohio. National Quail Symposium Proceedings 8: 65-85.

O’Connor, K, L Nathan, **M Liberati**, M Tingley, J Vokoun, and T Rittenhouse. 2017. Camera trap arrays improve detection probability of wildlife: Investigating study design considerations using an empirical dataset. PLoS ONE 12: e0175684.

Driess, LM, J-M Hessenauer, LR Nathan, KM O’Connor, **MR Liberati**, DP Kloster, JR Barclay, AT Morzillo, and JC Vokoun. 2016. Interdisciplinary perceptions of adaptive management as an effective strategy for natural resources management. Environmental Management: 1-12.

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2016. Beyond protection: Expanding “conservation opportunity”: to redefine conservation planning in the 21st century. Journal of Environmental Management: 183: 33-40.

Driess, LM, DP Kloster, **MR Liberati**, JR Barclay, J-M Hessenauer, LR Nathan, KM O’Connor, JC Vokoun. 2015. Introducing Adaptive Management for Natural Resources: An Estuary Case Study. Natural Sciences Education 44: 1-10.

**Liberati, M**, A Janke, M Wiley, R Gates, and M Titchenell. 2013. Managing for bobwhite quail in Ohio’s agricultural landscape, W-27-13. Ohio State University Extension Publication.

**Liberati, MR**, and RJ Gates. 2012. Spring dispersal of northern bobwhites in southwestern Ohio. Proceedings of the National Quail Symposium 7:202-211.

Gates, RJ, AK Janke, **MR Liberati**, and MJ Wiley. 2012. Demographic analysis of a declining northern bobwhite population in southwest Ohio. Proceedings of the National Quail Symposium 7:184-193.

**Research & Work Experience**

Fa 2014-Fa 2018 **USDA National Needs Fellow,** Doctoral Research, UConn, Department of Natural Resources and the Environment, Wildlife and Fisheries Conservation Center, Storrs, CT

Sp 2018 **Coordinator for Graduate Writing Support**, Graduate Assistantship with the UConn Writing Center, Storrs, CT

Fa 2015-Su 2018 **Writing Center Tutor**, UConn Writing Center, Storrs, CT

Fa 2017 **Integrated Population Modeling Workshop**, Bayesian integrated population modeling (IPM) using JAGS, Patuxent, MD – taught by M. Schaub, S. Converse, and M. Kéry

Su 2014 **Special Species and Relief Supervisor**, Tristate Bird Rescue & Research, Newark, DE

Su 2013 **Southern Project Coordinator**, Saltmarsh Habitat & Avian Research Project (SHARP), based at University of Delaware, Newark, DE

 **Relief Supervisor**, Tristate Bird Rescue & Research, Newark, DE

Fa 2009-Sp 2012 **Masters Research**, Ohio State University, School of Environment & Natural Resources, Columbus, OH

Su 2009 **Field Technician**, Swamp Sparrow Project, University of Delaware and the Smithsonian Migratory Bird Research Center, Woodland Beach, DE

 **Senior Internship**, Tristate Bird Rescue & Research, Newark, DE

 **Laboratory Technician**, Conjunctivitis Research, Hawley Lab, Virginia Tech, Blacksburg, VA

Su 2008 **Internship**, Tristate Bird Rescue & Research, Newark, DE

Fa 2007-Sp 2008 **Research Technician**, Walter’s Avian Ecology Lab, Virginia Tech, Blacksburg, VA

Fa 2006-Sp 2007 **Laboratory Assistant**, Hopkins’ Wildlife Ecotoxicology & Physiological Ecology Lab, Virginia Tech, Blacksburg, VA

**Teaching Experience**

2018, University of Connecticut, Writing Center, **Instructor**, *Graduate Seminar in Academic Writing*, 5-week non-credit seminar, Enrollment = 21 graduate students

2017, University of Connecticut, Ecology and Evolutionary Biology, **Summer Teaching Associate**, *Foundations of Biology – Laboratory* (BIOL 1102), 1 credit hour, Lab Section = 15 students

2017, University of Connecticut, Natural Resources and the Environment, **Guest Lecturer**, *Environmental Law* (NRE 3245), Developed and recorded two online mini-lectures, Enrollment = 28 students.
“Water Quality” - <https://mediasite.dl.uconn.edu/Mediasite/Play/f8049608a56a4b39bde5cc16fb80add81d>
“Endangered Species Act” - <https://mediasite.dl.uconn.edu/Mediasite/Play/d461c77e33174d87b0275b2d3cfbbccc1d>

2016, University of Connecticut, Natural Resources and the Environment, **Guest Lecturer**, *Research Methods in Natural Resources* (NRE 6000), Developed two classes on “Quantitative Methods in R”, Enrollment = 13 students.

2015, University of Connecticut, Ecology and Evolutionary Biology, **Teaching Associate**, *Mammalogy* (BIOL 3254/5254), 4 credit hour, Lab Section = 19 students

2015, University of Connecticut, Ecology and Evolutionary Biology, **Teaching Associate**, *Foundations of Biology – Laboratory* (BIOL 1102), 1 credit hour, Lab Sections = 48 students (2 lab sections)

2014, Tristate Bird Rescue & Research, **Guest Lecturer**, *Introduction to baby bird care and husbandry*, Afternoon seminar for organization’s summer interns, Enrollment: 15 students.

2012, Ohio State University, Environment & Natural Resources, **Instructor of Record**, *Management of Wildlife Habitat* (ENR 625), 3 credit hours, Enrollment: 39 students.

2012, Ohio State University, Environment & Natural Resources, **Co-Instructor of Record**, *Wildlife Identification & Management* (ENR 624), 5 credit hours, Enrollment: 33 students (2 sections).

2011, Ohio State University, Environment & Natural Resources, **Teaching Associate**, *Wildlife Identification & Management* (ENR 624), 5 credit hours, Enrollment: 35 students, Lab Section: 16 students.

2010, Ohio State University, Environment & Natural Resources, **Teaching Associate**, *Wildlife Identification & Management* (ENR 624), 5 credit hours, Enrollment: 31 students, Lab Section: 16 students.

**Continuing Education in Teaching**

*Course work:*

Independent Study: Seminar in Academic Writing for Graduate Students – UConn (ENGL 6000)

Fundamentals of Teaching and Learning– UConn (EDCI 5830-001)

Seminars in College Instruction – UConn (GRAD 6000)

*Conferences*:

2018, Northeast Writing Center Association Conference – hosted at The College of Holy Cross in Worcester, MA on March 24-25

2017, Conference on Teaching at Teaching Intensive Institutions – hosted at Westfield State University in Westfield, MA on Oct 6, 2017

2015-2017, The Conference on the Teaching of Writing – hosted at UConn in Storrs, CT on Apr 7, 2017; Mar 25, 2016; and Mar 26, 2015.

*Teaching seminars through the* *UConn Office of Teaching and Learning:*

2018, Peer Review in Writing-Intensive Courses

2017, Seminar Series: Learning Science Evidence and Strategies Applied to Teaching Freshmen – 5-part series focused on B. Carey’s book *How we learn: The surprising truth about when, where, and why it happens*

2016, Learning and Assistive Technologies Faculty May See in the Classroom

 Prezi - Collaborative Presenting Unleashed

 Writing-Intensive Courses in the Sciences: One Teaching Method

2015, Intercultural Communications

 Academic Honesty, Cheating, Plagiarism, and SafeAssign

 Flipped Classroom

2014, Adding Instructional Design Basics to your Toolbox

*Teaching seminars/webinars through the Ohio State Center for the Advancement of Teaching:*

2013, At-Risk: Identify and Approach Students with Mental Distress

 Veterans on Campus

2012, Writing Together: Collaboration, Group Work, and Peer Review

 Plagiarism, Ethics, and Writing

 Writing in Semesters

 Facilitating Classroom Discussion

 Creating Effective Visuals

2011, Building a Teaching Portfolio

**Professional Activities**

2016-present **Donald H. Rusch Game Bird Research Scholarship Award Committee**, The Wildlife Society

2016 **Reviewer** for Proceedings of the Eighth National Quail Symposium

2013 **Banding Seminar**, Association of Field Ornithologists Conference, FL

2012 **Reviewer** for Proceedings of the Seventh National Quail Symposium

2009 **Conservation Leaders for Tomorrow**, Max McGraw, Dundee, IL
National program designed to educate future natural resource professionals about the role and importance of hunting in wildlife conservation.

2009-2013 **Officer in** **GradRoots** (graduate student organization in SENR at Ohio State)
2010-2013 – Secretary & Webmaster
2009 – Graduate Studies Committee

2010 **SEEDS Grant Review Panel** for Ohio Agricultural Research & Development Center – student review panel that awarded competitive grants to peers.

2009-2010 **Graduate Studies Committee**, Ohio State
Master’s representative to the committee which oversees the conduct and administration of the School’s graduate program.

**Awards & Grants**

2018 **Pre-doctoral Fellowship** - $750, Dept. Natural Resources and the Environment, UConn

2017 **Travel Award** – $750, UConn Doctoral Student Travel Award for presentation at TWS Albuquerque titled *Addressing Ecological, Economic, and Social Tradeoffs of Refuge Expansion in a Constrained Landscape*

2017 **Institute of Biological Risk Grant –** $5,388, Title: *Conservation planning in human-dominated landscapes*

2017 **Pre-doctoral Fellowship –** $750,Dept. Natural Resources and the Environment, UConn

2017 **Travel Award –** $500, from US Regional Association of the International Association for Landscape Ecology (US-IALE), Baltimore, MD for presentation titled *Conservation Planning in Constrained Landscapes: Addressing Economic and Social Tradeoffs to Assist Refuge Expansion*

2017 **Travel Award –** $250, from UConn Wildlife & Fisheries Conservation Center for presentation at US-IALE in Baltimore, MD

2016 **Bishop-Carder Scholarship –** $2,333,College of Agriculture, Health, and Natural Resources, UConn

2016 **Pre-doctoral Fellowship –** $579,Dept. Natural Resources and the Environment, UConn

2016 **Travel Award –** $150, from UConn Wildlife & Fisheries Conservation Center for presentation at New England Association of Fish & Wildlife Associations titled *Beyond protection: Expanding the conservation opportunity concept to redefine conservation planning in the 21st Century*

2013 **Student Presentation Award –** for presentation at the Association of Field Ornithologists Conference titled *Habitat selection and nesting ecology of Northern Bobwhite in Ohio*

2013 **Travel Award –** from Association of Field Ornithologists Conference for presentation titled *Habitat selection and nesting ecology of Northern Bobwhite in Ohio*

2012 **GradRoots Minigrant** - $100 from the graduate student organization in the OSU Department of Environment & Natural Resources

2009 **Ralph E. Carlson Memorial Scholarship in Ornithology**, Virginia Tech

2008 & 2009 **ACC Top Six for Service Award**, Virginia Tech
Awarded to the top six student-athletes at each ACC member institution for their dedication to community outreach.

2005-2009 **Student-Athlete Varsity Letter**, Virginia Tech Women’s Soccer

**Presentations**

 *National*

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2018. *Subdivision for Conservation?* TWS National Conference, Cleveland, OH, USA (Oct 7-11).

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2017. *Addressing ecological, economic, and social tradeoffs of refuge expansion in a constrained landscape*. TWS National Conference, Albuquerque, NM, USA (Sep 23-27).

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2017. *Conservation planning in constrained landscapes: Addressing economic and social tradeoffs to assist refuge expansion*. US Section of the International Association of Landscape Ecologists (US-IALE), Baltimore, MD, USA (Apr 9-13).

**Liberati, MR** and RJ Gates. 2013. *Habitat selection and nesting ecology of northern bobwhite in Ohio*. Presented at the Annual Meeting of the Association of Field Ornithologists, Venus, Florida, USA (Mar 27-30).

**Liberati, MR**, AK Janke, MJ Wiley, and RJ Gates. 2013. *Population dynamics and habitat selection of northern bobwhites in Ohio*. Presented at the Annual Meeting of the Wilson Ornithological Society. Williamsburg, Virginia, USA (Mar 7-10).

**Liberati, MR** and RJ Gates. 2012. *Spring dispersal of Northern bobwhites in southwestern Ohio*. Presented at the Quail VII: National Quail Symposium. Tucson, AZ, USA (Jan 9-12).

Janke, AK, **MR Liberati**, MJ Wiley, BM Graves, and RJ Gates. 2010. *Survival and habitat use of northern bobwhites on private lands in Ohio*. Poster presented at Northern Bobwhite Technical Committee Annual Meeting. Wichita, KS, USA (Aug 3 - 6).

 *Regional*

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2017. *Conservation planning in constrained landscapes: Addressing economic and social tradeoffs to assist refuge expansion*. Wildlife & Fisheries Conservation Center MegaLAB, Storrs, USA (May 9).

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2016. *Beyond protection: Expanding “conservation opportunity” to redefine conservation planning in the 21st century*. NRE & EE Joint Research Symposium, Storrs, CT (7 Oct).

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2016. *Beyond protection: Expanding “conservation opportunity” to redefine conservation planning in the 21st century*.

* Presentation at Northeast Fish & Wildlife Conference, Annapolis, MD, USA (Apr 3-5).
* Presentation at Connecticut Conference on Natural Resources. Storrs, CT, USA (13 Mar)
* Presentation at the College of Agriculture, Health and Natural Resources (CAHNR) Grad Student Symposium, Storrs, CT, USA (3 Mar)

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2015. *Operationalizing conservation opportunity areas for state wildlife action plans*. Poster at Connecticut Conference on Natural Resources. Storrs, CT, USA (16 Apr).

Wiley, MJ, AK Janke, **MR Liberati**, and RJ Gates. 2012. *Quantification of usable space and assessment of inter-patch distance for Northern bobwhite on private lands in Ohio*. Presented at Midwest Fish & Wildlife Conference, Wichita, KS, USA (Dec 9-12).

**Liberati, MR** and RJ Gates. 2012. *Breeding ecology of Northern bobwhites in southwestern Ohio*. Poster at the Ohio Natural History Conference. Columbus, OH, USA (11 Feb).

**Liberati, MR** and RJ Gates. 2011. *Breeding ecology of Northern bobwhites in southwestern Ohio*. Presented at Midwest Fish & Wildlife Conference. Des Moines, IA, USA (Dec 4-7).

 *Invited*

**Liberati, MR**, CD Rittenhouse, and JC Vokoun. 2016. *Beyond protection: Expanding “conservation opportunity” to redefine conservation planning in the 21st century*. Ecology and Evolutionary Biology Grad Student Research Symposium, Storrs, CT. (Feb 13)

**Liberati, MR**. 2014. *Spring dispersal and breeding ecology of northern bobwhites in southwest Ohio*. Presented at Spring 2014 MegaLab, Department of Natural Resources and the Environment, Storrs, CT.

**Liberati, MR**. 2014. *Avian Stress and Volunteer Work Hazards*. Presented at Tristate Bird Rescue’s New Volunteer Orientation & Training. Newark, DE (April 2014).

**Liberati, MR**. 2013. *Spring dispersal and breeding ecology of northern bobwhites in southwest Ohio*. Presented to the Wildlife Ecotoxicology & Physiological Ecology Lab at Virginia Tech, Blacksburg, VA.

Janke, AK, **MR Liberati,** MJ Wiley, and RJ Gates. 2011. *Habitat management for Bobwhite quail*. Presented at Farm Science Review for OSU Extension. London, OH (Sep 2011).

Janke, AK, **MR Liberati,** MJ Wiley, and RJ Gates. 2011. *Northern bobwhites in Ohio*. Presented at Ohio Private Lands Partners Meeting. Columbus, OH (18 Feb).

Janke, AK, **MR Liberati,** MJ Wiley, and RJ Gates. 2010-2011. *Ohio bobwhite basics*. Quail workshops for private landowners in southwest Ohio, presented in 8 counties.

**Service and Outreach**

Mar 19, 2018 **Science Trivia**, organized trivia outreach event at a local restaurant that was open to the public as part of our ‘Drink with a Scientist’ programming organized by STEM graduate students

Jan 11, 2018 **Science Café,** skyped with the Cholla Public Library in Phoenix, AZ for program was titled “Caught in the act: Camera trapping to inform wildlife management” (co-presenter: J. Kilburn)

2015-2018 (Mar 25, Mar 22, Mar 2, and Mar 1 respectively)
**Invention Convention Judge**, judge at local school’s annual spring invention convention

May 10, 2017 **Skype-with-a-Scientist Program**, skyped with an AP Biology class in Corfu, NY

Sep 2016-Jul 2017 **Member of the Coventry Conservation Commission,** volunteer position with town government

Feb-Apr 2017 **Skype-with-a-Scientist Program**, skyped with two middle school classrooms in Los Fresnos, Texas for 6 weeks during their ecology and natural resources learning module
<http://magazine.uconn.edu/2017/09/25/skype-a-scientist/>

Nov 18, 2016 **Ask-a-Scientist Program**, spoke with local high school students about my path to becoming a scientist

Fall 2016 **Aetna Selection Chair** for committee that selects undergraduate writing award winners for science and engineering at UConn

Jun 24-25 2015 **UConn Bioblitz Expert**, lead the Bird Nature Walk open to the public

Fall 2011 **Ohio Farm Science Review Presentation**, public presentations about northern bobwhites in Ohio and my lab’s research efforts

Fall 2011 **Private Landowner Workshops**, hosted multiple workshops in counties where conducting masters research on northern bobwhites

**Certification**

April 2018 **Husky Ally Safe Zone Training**

April 2018 **Bear Awareness Training**

Feb 2015-Jan 2021 **CITI Certification in Human Subjects Research**
Initial course completed 24 Feb 2015
Refresher course completed 27 Jan 2018

Sep 2014 **UConn Responsible Conduct in Research Training**Two in-person training seminars and online CITI certification

June 2013 **Maryland Boating Education Course**

Feb 2013 **U.S. Trapper Education Course**

Oct 2009 **Hunter Education Course**

May 2009 **Wildland Firefighting Red Card
S-130** – Basic Wildland Firefighting Training, **S-190** – Introduction to Wildland Fire Behavior, **I-100** – Introduction to ICS, **L-180** – Human Factors to the Fireline