THOMAS M. LUHRING

ASSISTANT PROFESSOR • DEPARTMENT OF BIOLOGICAL SCIENCES
WICHITA STATE UNIVERSITY • 542 HUBBARD HALL • WICHITA, KS 67260
EMAIL: TOMLUHRING@GMAIL.COM WEBSITE: TOMLUHRING.COM

EDUCATION

PhD	**Biological Sciences – University of Missouri** Advisor: Raymond D. Semlitsch (deceased)	2008 - 2013
MS	**Ecology – University of Georgia** (Savannah River Ecology Lab) Advisor: J. Whitfield Gibbons	2005 - 2008
BS	**Ecology – University of Georgia** Advisor: Gary W. Barrett (Undergraduate Thesis)	2000 - 2005
BS	**Biology – University of Georgia**	2000 - 2005

ACADEMIC POSITIONS

Assistant Professor – Wichita State University Department of Biological Sciences	2019 - Present
Postdoctoral Research Fellow – University of Nebraska Program of Excellence in Population Biology School of Biological Sciences Advisor: John P. DeLong	2015 - 2019
Postdoctoral Research Associate – Michigan State University Department of Fisheries and Wildlife Advisor: C. Michael Wagner	2013 - 2015

FELLOWSHIPS, GRANTS, AND AWARDS

2020-Present	KS NSF EPSCoR First Award, National Science Foundation, ($100,000) (PI)
2020-Present	Chickadee Checkoff Small Grants Program, Kansas Department of Wildlife, Parks, and Tourism (~$10,000) (PI)
2015-2019	Population Biology Program of Excellence Postdoctoral Fellowship, University of Nebraska (~$180,000)
2014	Great Lakes Restoration Initiative Grant – Implementing Trap-based Control of Sea Lamprey in the Great Lakes. U.S. Environmental Protection Agency 2014, ($495,000) (Co-PI)
2014	Undergraduate Research Program – Michigan State University College of Agriculture and Natural Resources ($2,000) (with Katie E. Kierczynski)
2013	Grant - Proof-of concept test of larval sea lamprey responses to alarm cue. Great Lakes Fisheries Commission 2013 ($10,000) (Co-PI)
2012	Student Research Grant – South Atlantic Chapter of the Society of Wetland Scientists ($750)
2012	Henri Seibert Award – Best student oral presentation in Ecology

	World Congress of Herpetology, Society for the Study of Amphibians and Reptiles
2011	Travel Award - Biology Graduate Student Association, University of Missouri ($211)
2010	Trans-World Airlines Scholarship – University of Missouri ($7,000)
2009	First Year Travel Award – Life Sciences Fellowship Program, University of Missouri ($700)
2008-2013	Life Sciences Doctoral Fellowship – Biological Sciences, University of Missouri 2008-2013 (~$110,000 + tuition)
2008	Graduate Research Award Finalist – Herpetologists' League (Finalist for best oral presentation by graduate student)
2007	Theodore Roosevelt Memorial Fund – American Museum of Natural History, $2000
2005	Joshua Laerm Academic Support Award – Georgia Museum of Natural History ($600)
2005	Joshua Laerm Memorial Outstanding Ecology Undergraduate Award – Institute of Ecology, University of Georgia
2004	Research Experience for Undergraduates – National Science Foundation
2000-2004	H.O.P.E. Scholarship – Georgia Student Finance Commission (~$12,000)

PUBLICATIONS

Coauthors: [1] Undergraduate, [2] Graduate student, [3]Post-Bach
Google Scholar: https://scholar.google.com/citations?user=LcKolWUAAAAJ&hl=en
Research Gate: https://www.researchgate.net/profile/Thomas_Luhring

44. Hume, JB, **TM Luhring,** CM Wagner. (2020) Push, pull, or push-pull? An alarm cue better guides sea lamprey towards capture devices than a mating pheromone during the reproductive migration. ***Biological Invasions*** DOI: 10.1007/s10530-020-02242-4
43. Uiterwaal, S[2], I Lagerstrom[3], **TM Luhring,** ME Salsbery[2], JP DeLong. (2020) Trade-offs between morphology and thermal niches mediate adaptation in response to competing selective pressures. ***Ecology and Evolution*** DOI: 10.1002/ece3.5990
42. **Luhring, TM,** JM Vavra[3], CE Cressler, JP DeLong (2019) Phenotypically plastic responses to predation risk are temperature dependent. ***Oecologia*** 191:709-719. DOI: 10.1007/s00442-019-04523-9
41. DeLong, JP, G Bachman, JP Gibert, **TM Luhring,** K Montooth, A Neyer[2], B Reed[2] (2018**)** Habitat, latitude, and body mass influence the temperature dependence of metabolic rate. ***Biology Letters*** 14:20180442. DOI: 10.1098/rsbl.2018.0442
40. **Luhring, TM,** JM Vavra[3], CE Cressler, JP DeLong (2018) Predators modify the temperature dependence of life-history trade-offs. ***Ecology and Evolution*** 8:8818-8830. DOI: 10.1002/ece3.4381
39. Relyea, RA, et al.(**15th of 25 authors**) **(**2018) Phylogenetic patterns of trait plasticity evolution: Insights from amphibian embryos. ***Evolution*** 72:663-678. DOI: 10.1111/evo.13428

38. DeLong, JP, **TM Luhring** (2018) Size-dependent predation and correlated life history traits alter eco-evolutionary dynamics and selection for faster individual growth. ***Population Ecology*** 60:9-20. DOI: 10.1007/s10144-018-0608-7
37. **Luhring, TM,** JP DeLong (2017***)*** Scaling from metabolism to population growth rate to understand how acclimation temperature alters thermal performance. ***Integrative and Comparative Biology*** 57:103-111. DOI: 10.1093/icb/icx041
36. **Luhring, TM,** JP DeLong, RD Semlitsch (2017) Stoichiometry and life- history interact to determine the magnitude of cross-ecosystem element and biomass fluxes. ***Frontiers in Microbiology*** 8:814 DOI: 10.3389/fmicb.2017.00814 ***(Special Research Topic: Progress in Ecological Stoichiometry)***
35. DeLong, JP, JP Gibert[2], **TM Luhring**, G Bachman, B Reed[2], A Neyer[2], KL Montooth (2017) The combined effects of reactant kinetics and enzyme stability explain the temperature dependence of metabolic rates. ***Ecology and Evolution*** 7:3940-3950. DOI: 10.1002/ece3.2955
34. **Luhring, TM,** TD Meckley[2], JB Hume, N Johnson, M Siefkes, CM Wagner (2016) A semelparous fish continues upstream migration when exposed to alarm cue, but adjusts movement speed and timing. ***Animal Behaviour*** 121:41-51.
33. Wagner, CM, KE Kierczynski[1], JB Hume, **TM Luhring** (2016) Exposure to a putative alarm cue reduces downstream drift in larval sea lamprey (*Petromyzon marinus*) in the laboratory. ***Journal of Fish Biology*** 89:1897-1904.
32. **Luhring, TM,** JP DeLong (2016) Predation changes the shape of thermal performance curves for population growth rate. ***Current Zoology*** 62:501-505.
31. **Luhring, TM,** GC Connette, CM Schalk[2] (2016) Trap characteristics and species morphology explain size-biased sampling of two salamander species. ***Amphibia-Reptilia*** 37:79-89.
30. **Luhring, TM,** RM Holdo (2015) Trade-offs between age at reproduction and body size; drought survival in stochastic aquatic environments. ***Oecologia*** 178:723-732.
29. Hume, JB, TD Meckley[2], NS Johnson, **TM Luhring**, MJ Siefkes, CM Wagner (2015) Application of putative alarm cue hastens the arrival of invasive sea lamprey (*Petromyzon marinus*) at a trapping location. ***Canadian Journal of Fisheries and Aquatic Sciences*** 72:1799-1806.
28. Ousterhout, B. [2]*, **TM Luhring*,** RD Semlitsch (2014) No evidence of natal habitat preference induction in juveniles with complex life-histories. ***Animal Behaviour*** 93:237-242 (***Equal Authorship***)
27. **Luhring, TM (**2013) Auditory surveys. *In:* GJ Graeter, KA Buhlmann, LR Wilkinson, JW Gibbons, eds. *Inventory and Monitoring: Recommended*

Techniques for Reptiles and Amphibians, with application to the United States and Canada. PARC Technical Report. Aiken, South Carolina.

26. **Luhring, TM (**2013) Leaf-litterbag surveys. *In:* GJ Graeter, KA Buhlmann, LR Wilkinson, JW Gibbons, eds. *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians, with application to the United States and Canada*. PARC Technical Report. Aiken, South Carolina.
25. **Luhring, TM (**2013) Trashcan traps. *In:* GJ Graeter, KA Buhlmann, LR Wilkinson, JW Gibbons, eds. *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians, with application to the United States and Canada*. PARC Technical Report. Aiken, South Carolina.
24. Reed, RN, **TM Luhring**, AD Tucker (2013) Appendix III: Determination of age, sex and reproductive condition. *In:* GJ Graeter, KA Buhlmann, LR Wilkinson, JW Gibbons, eds. *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians, with application to the United States and Canada*. PARC Technical Report. Aiken, South Carolina.
23. **Luhring, TM,** JW Gibbons, PW Gibbons (2013) *Siren* sp. predation. ***Herpetological Review*** 44:491-492.
22. **Luhring, TM,** ZD Ross[1] (2012) *Gastrophryne carolinensis* (Eastern Narrow-mouthed Toad). Predation. ***Herpetological Review*** 43(1):118.
21. Crawford, BA[1], CR Hickman[2], **TM Luhring** (2011) Testing the threat-sensitive hypothesis with predator familiarity and dietary specificity. ***Ethology*** 117:1-8.
20. Earl, JE[2], **TM Luhring**, BK Williams, RD Semlitsch (2011) Biomass export of salamanders and anurans from ponds is affected differentially by changes in canopy cover. ***Freshwater Biology*** 56:2473-2482.
19. **Luhring, TM,** JD Willson[2], CT Winne[2] (2011) *Nerodia fasciata*. Inter-Wetland Movement. ***Herpetological Review*** 42:100-101
18. Schalk, CM[1], **TM Luhring**, BA Crawford[1] (2010) Summer microhabitat use of the greater siren (*Siren lacertina*) and two-toed amphiuma (*Amphiuma means*) in an isolated wetland. ***Amphibia-Reptilia*** 31:251-256.
17. Schalk, CM[1], **TM Luhring** (2010) Vagility of aquatic salamanders: Implications for wetland connectivity. ***Journal of Herpetology*** 44:104-109.
16. **Luhring, TM** (2010) *Siren* sp (Siren) predation. ***Herpetological Review*** 41:470
15. **Luhring, TM**, BD Todd[2] (2010) *Siren intermedia* (Lesser Siren). Drought survival. ***Herpetological Review*** 41:60.
14. **Luhring, TM** (2010) Predation by a Green Heron (*Butorides virescens*) on a Greater Siren (*Siren lacertina*). ***Bulletin of the Chicago Herpetological Society*** 45:33.

13. **Luhring, TM** (2009) Using PIT tags to evaluate non-individual-specific marks under field conditions: a case study with Greater Siren (*Siren lacertina*). ***Herpetological Review*** 40:170-173.
12. Todd, BD[2], **TM Luhring**, BR Rothermel, JW Gibbons (2009) Effects of forest removal on amphibian migrations: implications for habitat and landscape connectivity. ***Journal of Applied Ecology*** 46:554-561.
11. Gibbons, JW, **TM Luhring** (2009) Reptiles. Pages 497-505. *In:* GE Likens, ed. ***Encyclopedia of Inland Waters***. Volume 3. Oxford: Elsevier.
10. Schalk, CM[1], BA Crawford[1], **TM Luhring** (2009) *Siren lacertina* (greater siren) Predation. ***Bulletin of the Chicago Herpetological Society*** 44:56.
9. **Luhring, TM,** CA Jennison[1] (2008) A new stratified aquatic sampling technique for aquatic vertebrates. ***Journal of Freshwater Ecology*** 23:445-450.
8. Todd, BD[2], BR Rothermel, RN Reed, **TM Luhring,** K Schlatter[1], T Trenkamp[1], JW Gibbons (2008) Habitat alteration increases invasive fire ant abundance to the detriment of amphibians and reptiles. ***Biological Invasions*** 10:539-546.
7. **Luhring, TM (**2008) "Problem species" of the Savannah River Site such as Brimley's chorus frog, *Pseudacris brimleyi*, demonstrate the hidden biodiversity concept on an intensively-studied government reserve. ***Southeastern Naturalist*** 7:371-373.
6. **Luhring, TM** (2007) Reptiles and amphibians of boy scout camp Linwood-Hayne: Results from an undergraduate-initiated three year opportunistic inventory. ***Georgia Journal of Science*** 65:104-111.
5. **Luhring, TM**, GW Barrett (2007) Nesting ecology of the golden mouse: An *oikos* engineer. Pages 151-165. *In*: GW Barrett, GA Feldhamer, eds. ***The Golden Mouse: Ecology and Conservation*.** Springer. New York, NY.
4. **Luhring, TM** (2007) *Siren lacertina* (greater siren) Diet. ***Herpetological Review*** 38:317.
3. **Luhring, TM,** CA Young[2] (2006) Innovative techniques for sampling stream salamanders. ***Herpetological Review*** 37:181-183.
2. Darley, M, A Howard, C Flaute[2], K Miller, **TM Luhring,** L Martin, C Ketter (2006) *A laboratory manual for principals of biology II: Biology 1108L*. Fourth Edition. Contemporary Publishing Company of Raleigh. Raleigh, NC.
1. Rothermel, BR, **TM Luhring** (2005) Burrow availability and desiccation risk of mole salamanders (*Ambystoma talpoideum*) in harvested versus unharvested forest stands. ***Journal of Herpetology*** 39:619-626.

SELECT MANUSCRIPTS IN REVIEW OR IN PREPARATION

[*] Drafts available on request

Luhring, TM,** JP DeLong (*In Revision*) Transient eco-evolutionary trophic cascades arising from the pleiotropic effects of body size. ***Proceedings of the Royal Society B.

Luhring, TM,** JP Gibert. (In Prep) Parametric curves provide powerful insight into nonlinear ecology. Target: ***Methods in Ecology and Evolution

Little, CJ, M Rizzuto, **TM Luhring**, JD Monk, RJ Nowicki, RE Paseka, J Stegen, CC Symons, FB Taub, JD Yen (Presubmission) Meta-ecosystem ecology is information ecology.

Sabal, MC, EP Palkovas, **TM Luhring**, NB Furey, CM Wagner, MS Boyce, MC Melnychuk, HW Martin, CL Charpentier, RB Srygley, RC Ydenberg, AJ Wirsing (Invited for Submission) Ecological and evolutionary effects of predators on migratory prey. ***Trends in Ecology and Evolution***

TEACHING EXPERIENCE

Instructor – Vertebrate Zoology, (BIOL 524), Wichita State University, Spring 2020 (Enrollment: 40 Undergraduate Students)

Instructor – Biology Colloquium, (BIOL 497/797), Wichita State University, Fall 2019 (Enrollment: 6 Graduate Students, 18 Undergraduate Students)

Instructor – Climate Change and Ectotherms, Graduate Student Seminar, University of Nebraska, Spring 2018 (Enrollment: 5 graduate and undergraduate science majors)

Instructor –R Stats Workshop, Undergraduate Workshop for REUs, Kellogg Biological Station, July 2015

Instructor – Statistics for Ecologists, Kellogg Biological Station, Michigan State University, Summer 2015 (Enrollment: 10 mostly 1st-year undergraduate science majors)

Instructor – Statistics for Ecologists, Michigan State University, Spring 2015 (Enrollment: 106 mostly 1st and 2nd-year undergraduate science majors)

Instructor – Statistics for Ecologists (Lab), Michigan State University, Spring 2015 (Enrollment: Lab section of 25 students)

Co-Instructor – Introduction to Science, Technology, Environment, and Public Policy, Michigan State University, Fall 2013 (Enrollment: 54 undergraduate science majors)

Graduate Teaching Assistant – Biology (Introductory Biology: Majors), University of Missouri, Fall 2012 and Spring 2013 (2 lab sections per semester, 24 students per section).

Graduate Laboratory Assistant – Biology (Introductory Biology: Majors), University of Georgia, Fall 2005 and Spring 2006 (2 lab sections per semester, 24 students per section).

MENTORSHIP

GRADUATE STUDENTS (MAJOR ADVISOR)

Christine Streid	MS – Biological Sciences (WSU)	Fall 2019 – Present
Jake Wright	MS – Biological Sciences (WSU)	Fall 2019 – Present

GRADUATE STUDENT COMMITTEES

Jackie Baum	MS – Biological Sciences (WSU)	Fall 2019 – Present

UNDERGRADUATE STUDENTS (RESEARCH FOR CREDIT AT WSU)

Stephanie Bristow	Spring 2020 (Summer 2020 Fieldwork)
Shania Burkhead	Spring 2020
Phi Long Huang	Spring 2020
Justin Oettle	Spring 2020
Annie Pham	Spring 2020
Sarah Pulliam	Spring 2020
Emily Stybr	Spring 2020 (Summer 2020 Fieldwork)
Tiffani Holman	Summer 2020

FIELD AND LAB ASSISTANTS TRAINED PRIOR TO WSU

Rachel Allen, Lucas Baker, Greg Byford, Nicholas Chartier, Margaret Cleveland, Elisha Cole‡, ***Brian Crawford***‡, Carlos Fernandez‡*, Ron Hruska, Andrew Huber, Chad Jennison‡, Katie Kierczynski‡, Carrie Kozel, Hope Meadows, Benjamin Morris‡, Phil Nicodemo‡, Amanda Pomaranke, Steven Ripley, Zach Ross‡, ***Christopher Schalk***‡, Karen Schlatter‡, Keenan Scribner, Jacob Shea, Luke Shea, Leslie Smith‡^, Nicholas Snowgold, Kirsten Sullivan, Ryan Taylor, Stella Uiterwaal, Chelsea Urbaer, Michelle Wiggins.

Total: 31 trained, 11 mentored‡, ***NSF REU***, NSF UMEB student^, SEEDS mentee*

I have directly mentored or supervised more than 30 undergraduates including 2 ***REU students*** (1 REU for 2 summers), resulting in 8 co-authored publications (4 with undergraduates as lead authors) and presentations by undergraduate mentees at the university, national, and international level. One of my former mentees (Christopher Schalk) is now an assistant professor at Stephen F. Austin University.

SELECTED RECENT PRESENTATIONS (SINCE 2012)

[1]Invited Speaker, [2] Presented by Coauthor, Undergraduate Mentee

[1] **TM Luhring** (2019) Drought & warming; context & trade-offs. **Oklahoma State University**

TM Luhring (2019) Predation alters aquatic-terrestrial exchange of biomass and nutrients. **Kansas Herpetological Society.**

[1] **TM Luhring** (2019) Predation alters aquatic-terrestrial exchange of biomass and nutrients. **American Fisheries Society and The Wildlife Society Joint Annual Conference.** *Special Symposium – "The interface of predation and migration in aquatic and terrestrial ecosystems"*

[1,2] CM Wagner, **TM Luhring,** J Bals, G Byford, T Meckley, J Hume, M Hanson (2019) Context-specific selection of anti-predator tactics during the return migration of sea lamprey in response to a chemical alarm cue. **American Fisheries Society and The Wildlife Society Joint Annual Conference.** *Special Symposium – "The interface of predation and migration in aquatic and terrestrial ecosystems"*

[1] **TM Luhring** (2019) Integrative Thermal Ecology. **Kansas State University (EPSCoR, MAPS)**

[1] **TM Luhring** (2018) Climate change, trade-offs, and context in organismal ecology. **Wichita State University**

[1] **TM Luhring** (2018) Thermal ecology is context dependent. **Duke University**

TM Luhring, J Vavra, CE Cressler, JP DeLong (2018) The presence and timing of predation risk changes the temperature dependence of fitness. **Gordon Research Conference on Unifying Ecology Across Scales** (Poster)

TM Luhring (2017) Thermal ecology is context-specific. **University of Nebraska**, (EEB Seminar Series)

TM Luhring, J Vavra, CE Cressler, JP DeLong (2017) Temperature and predation risk interact to change population growth rate. **Ecological Society of America**

[2]JP DeLong, JP Gibert, **TM Luhring** & 4 others (2017) The combined effects of reactant kinetics and enzyme stability explain the temperature dependence of metabolic rates. **The Society for Integrative and Comparative Biology**
Part of Symposium: Indirect effects of global change: from physiological and behavioral mechanisms to ecological consequences.

TM Luhring, JP DeLong (2016) Effects of Acclimation on *Paramecium bursaria* Thermal Performance Curves for Intrinsic Growth Rate. **Gordon Research Conference on Unifying Scales in Ecology** (Poster)

[2]JP DeLong, JP Gibert, **TM Luhring** & 4 others (2016) The combined effects of reactant kinetics and enzyme stability explain the temperature dependence of metabolic rates. **Gordon Research Conference on Unifying Scales in Ecology** (Poster)

[1]**TM Luhring** (2015) Complex life-histories and biogeochemical cycles. **University of Nebraska (**EEB Seminar Series)

TM Luhring, CM Wagner (2014) Chemical Risk Information Guides Migratory Movements of Semelparous Sea Lamprey: Implications for Control and Conservation. **Joint Meeting of Ichthyologists and Herpetologists**

[2] KE Kierczynski, **TM Luhring,** CM Wagner (2014) The Effect of Alarm Cue on Sea Lamprey Larvae Behavior. **Joint Meeting of Ichthyologists and Herpetologists** (Poster)

[1]**TM Luhring,** C.M. Wagner (2014) Work on the East Jordan River: Investigations of a Natural Repellent for Sea Lamprey Control. **Friends of the Jordan River**. East Jordan, MI

[1]**TM Luhring** (2013) Sea lamprey management and alarm cue. **Kalamazoo Valley Trout Unlimited**. Grayling, MI (Live animal presentation)

TM Luhring, C.M. Wagner (2013) Research Report **Great Lakes Fishery Commission Trapping Task Force**. Manistique, MI

TM Luhring, JE Earl, RD Semlitsch (2012) Island in the sun: Nutrient cycling by amphibians in isolated wetlands. **World Congress of Herpetology**
Seibert Award: Best Oral Presentation (Ecology)

TM Luhring, RD Holdo (2012) Body size as an adaptation for drought survival in stochastic aquatic environments: An age/size-structured approach. **World Congress of Herpetology** (Poster)

OUTREACH

Outreach Presenter, Savannah River Ecology Laboratory Outreach Program. 2004 – 2012. Gave presentations on conservation and natural history of reptiles, amphibians and mammals with live animals to general public at schools (K-12 and University Level), libraries, churches, etc. **Approximately 60 talks to >5,200 individuals.**

Other Selected Outreach Presentations

TM Luhring. Save the frogs! (2019) Expanding Your Horizons Conference, Wichita State University. 2 Hands-on 45-minute workshops for middle school girls.

TM Luhring. Salamanders + Ostrich Burger = ??? (2017) University of Nebraska ***Science Slam Finalist***. Link to presentation.

JP DeLong, **TM Luhring**. Predators (2016) Morrill Hall - Sunday with a Scientist Program, University of Nebraska

TM Luhring, C.M. Wagner (2014) Alarming Developments: Investigations of a Natural Repellent for Sea Lamprey Control. Michigan Fish-Producers Association. Traverse City, MI

TM Luhring (with L. Holbrook) (2013) Sea lamprey exhibit at Michigan Free Fishing Weekend Event. Cheboygan, MI. June 2013. Invited Exhibitor. Live animal demonstrations

TM Luhring. Wildlife in photography, photography in wildlife (2007) The Wildlife Society, University of Georgia Student Chapter. Athens, Georgia. Invited speaker.

TM Luhring. Marking techniques for lizards, snakes and crocodilians. Inventory and Monitoring Workshop, Partners in Amphibian and Reptile Conservation (PARC). Aiken, South Carolina. September 23, 2006.

TM Luhring. Undergraduate research and graduate school. Junior Seminar, Institute of Ecology, University of Georgia. Invited speaker. Fall 2005 and 2006 semesters.

SERVICE

Guest Editor, Southeastern Naturalist, 2010-2011.

Conference Chair, Southeastern Ecology and Evolution Conference (SEEC), 2005

Reviewer

American Midland Naturalist
Amphibia-Reptilia
Applied Herpetology
Belgian Journal of Zoology
Canadian Field-Naturalist
Canadian Journal of Fisheries and Aquatic Sciences
Copeia
Current Opinion in Insect Science
Diversity and Distributions
Ecology and Evolution
Functional Ecology
Herpetologica
Herpetological Conservation and Biology
Herpetological Review
Journal of the Arkansas Academy of Science
Journal of Herpetology
Landscape Ecology
Northeastern Naturalist
Oikos
Population Ecology
Proceedings of the Royal Society B
Science of the Total Environment
Southeastern Naturalist

CURRENT MEMBERSHIPS

Association for Women in Science (AWIS) • Ecological Society of America (ESA) Kansas Herpetological Society (KHS) • National Science Teachers Association (NSTA) • Partners in Amphibian and Reptile Conservation (PARC) • Society for the Study of Amphibians and Reptiles (SSAR) • The Wildlife Society (TWS)

REFERENCES

* My Ph.D. advisor (Raymond Semlitsch at the University of Missouri) is deceased.

Dr. Whitfield (Whit) Gibbons
(Masters Advisor)
Professor Emeritus of Ecology
Savannah River Ecology Lab
School of Ecology
University of Georgia
wgibbons@uga.edu

Dr. John P. DeLong
(Postdoctoral Advisor 2015-2019)
Associate Professor and Director of
Cedar Point Biological Station
Department of Biological Sciences
University of Nebraska
jpdelong@unl.edu

Dr. C. Michael (Mike) Wagner
(Postdoctoral Advisor 2013-2015)
Associate Professor
Department of Fisheries and Wildlife
Michigan State University
mwagner@msu.edu

Dr. Jean Phillipe Gibert
(Collaborator)
Assistant Professor
Department of Biology
Duke University
jean.gibert@duke.edu

Dr. Clayton E. Cressler
(Collaborator)
Assistant Professor
Department of Biological Sciences
University of Nebraska
ccressler2@unl.edu

Dr. Christopher S. Schalk
(Collaborator)
Assistant Professor
College of Forestry and Agriculture
Stephen F. Austin University
schalkc@sfasu.edu

***Dr. Ricardo (Rico) Holdo**
(Collaborator)
Associate Professor and Odum Chair
Odum School of Ecology
University of Georgia
rholdo@uga.edu