

J. ALEX BAECHER

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EDUCATION

MAY 2024 (expected)

INTERDISCIPLINARY ECOLOGY, PhD | UNIVERSITY OF FLORIDA

DECEMBER 2017

BIOLOGICAL SCIENCES, MS | EASTERN KENTUCKY UNIVERSITY

MAY 2014

BIOLOGICAL SCIENCES, BS | UNIVERSITY OF ARKANSAS

EXPERIENCE

AUGUST 2018 – ...

GRADUATE RESEARCH ASSISTANT | UNIVERSITY OF FLORIDA

JANUARY 2018 – ...

CONSERVATION AND RESEARCH TECHNICIAN | MEMPHIS ZOOLOGICAL SOCIETY

MAY – AUGUST 2017

NSF REU RESEARCH COORDINATOR | EASTERN KENTUCKY UNIVERSITY

MAY 2015 – AUGUST 2017

GRADUATE TEACHING ASSISTANT | EASTERN KENTUCKY UNIVERSITY

JANUARY 2014 – MARCH 2015

RESEARCH ASSISTANT | UNIVERSITY OF ARKANSAS

AUGUST 2012 – JANUARY 2014

RESEARCH TECHNICIAN | UNIVERSITY OF ARKANSAS

EXTERNAL REVIEWER

ECOLOGY AND EVOLUTION | QTY 1

HERPETOLOGICAL CONSERVATION AND BIOLOGY | QTY 1

HERPETOLOGICAL REVIEW | QTY 2

JOURNAL OF NATURAL AREAS | QTY 2

AWARDS

RESEARCH GRANTS, FELLOWSHIPS, OR TRAVEL AWARDS

\$195,000 | 2019 University of Florida Graduate School Preeminence Award

\$500 | 2016 SSAR Field Research Grant-In-Herpetology Program

\$500 | 2016 ECU Department of Biological Sciences Travel Stipend

\$500 | 2016 ECU Division of Natural Areas Grant-In-Aid of Research Program

\$1,100 | 2016 KY Academy of Science Marcia Athey Research Grant

\$700 | 2014 Society for Freshwater Science Instars Fellowship

\$700 | 2013 Society for Freshwater Science Instars Fellowship

\$150 | 2013 University of Arkansas Department of Biological Sciences Travel Stipend

\$5,000 | 2013 University of Arkansas NSF REU Fellowship

\$5,000 | 2012 University of Arkansas NSF EDU Fellowship

PUBLICATIONS

FORTHCOMING:

Baecher, JA, SC Richter. *In prep.* Partitioning Diurnal Surface Activity and Microhabitat in an Appalachian Salamander Assemblage. *Manuscript available upon request.*

PUBLISHED:

Patton, Z, B Gross, **JA Baecher**, LD Densmore III. *In press.* Evaluation of Nuisance Alligator Management in the Southeastern United States and Examination of the Human-Alligator Conflict. *Wildlife Society Bulletin*

Swartwout, M, PN Vogrinc, **JA Baecher**, CS Kross, JD Willson. **2020.** Prey Size and Growth Rate do not Influence Trophic Morphology of Juvenile Water Snakes (*Nerodia sipedon*). *Herpetologica* 76:53 – 60

Baecher, JA, E Jones, SC Richter. **2020.** Tail bifurcation in two species of *Desmognathus* salamander (Caudata: Plethodontidae) in southeastern Kentucky, U.S.A. *Herpetological Bulletin* 150:29 – 30

Hinkson, KM, **JA Baecher**, S Poo. **2019.** Cryopreservation and hormonal induction of spermic urine in the smooth-sided toad (*Rhaebo guttatus*). *Cryobiology* 89:109 – 111

Baecher, JA, SC Richter. **2018.** Environmental gradients in an old-growth Appalachian forest predict fine-scale distribution, co-occurrence, and abundance of woodland salamanders. *Ecology and Evolution* 8:12940 – 12952

Baecher, JA, JD Willson, PN Vongric, JC Guzy, CS Kross. **2018.** Herpetofaunal Communities in Restored and Unrestored Remnant Tallgrass Prairie and Associated Wetlands in Northwest Arkansas, USA. *Wetlands* 38:157 – 169

Baecher, JA, PN Vogrinc, JC Guzy, JC Neal, and JD Willson. **2014.** LITHOBATES AREOLATUS (Crawfish Frog). PREDATION. *Herpetological Review* 45:681 – 682

PRESENTATIONS

CONTRIBUTIONS TO EXTERNAL SYMPOSIA:

Jones, E, **JA Baecher**, [...], SC Richter. **2019.** Association of Southeastern Biologists. *Memphis, TN*

Hinkson, KM, **JA Baecher**, S Poo. **2019.** Association of Southeastern Biologists. *Memphis, TN*

Baecher, JA⁵, SB Reichling. **2018.** Louisiana Pinesnake Stakeholder Meeting. *Shreveport, LA*

Jones, E, **JA Baecher**, [...], SC Richter. **2018.** Kentucky Academy of Science. *Bowling Green, KY*

Gross, BA, Z Patton, **JA Baecher**, [...]. **2018.** 25th Crocodile Specialist Group. *Sante Fe, Argentina*

Baecher, JA, SC Richter. **2018.** Joint Meeting of Ichthyologists and Herpetologists. *Rochester, NY*

Grap, P, S Harrel, [...], **JA Baecher**. **2018.** Association of Southeastern Biologists. *Myrtle Beach, SC*

Peters, J, J Koslow, **JA Baecher**. **2018.** Association of Southeastern Biologists. *Myrtle Beach, SC*

Baecher, JA, SC Richter. **2017.** UK Center for Ecology, Evolution and Behavior. *Lexington, KY*

Grap, P, S Harrel, [...], **JA Baecher**. **2017.** SE Fisheries Council Annual Meeting. *Chattanooga, TN*

Baecher, JA, SC Richter. **2017.** SE Partners in Amphibian & Reptile Conservation. *Little Rock, AR*

Swartwout, M, PN Vogrinc, **JA Baecher**, [...]. **2016.** Joint Meeting of Ichthyologists and Herpetologists. *New Orleans, LA*

Baecher, JA, PN Vongric, JD Willson. **2016.** Joint Meeting of Ichthyologists and Herpetologists. *New Orleans, LA*

Baecher, JA, DR Leasure, [...], DD Magoulick. **2014.** Joint Meeting of Aquatic Sciences. *Portland, OR*

Baecher, JA, DR Leasure, [...], DD Magoulick. **2013.** American Fisheries Society. *Little Rock, AR*

Baecher, JA, J Ortega, SJ Beaupré. **2013.** Society for Freshwater Science. *Jacksonville, FL*

Baecher, JA, J Ortega, SJ Beaupré. **2013.** Annual Water Resource Conference. *Fayetteville, AR*

CONTRIBUTIONS TO INTERNAL SYMPOSIA:

UNIVERSITY OF FLORIDA | QTY 3

EASTERN KENTUCKY UNIVERSITY | QTY 5

UNIVERSITY OF ARKANSAS | QTY 3

CURRENT PROFESSIONAL SOCIETIES

JANUARY 2020 – ...

ECOLOGICAL SOCIETY OF AMERICA
BRITISH ECOLOGICAL SOCIETY
ECOLOGICAL FORECASTING INITIATIVE

JANUARY 2013 – ...

AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS
SOUTHEASTERN PARTNERS IN AMPHIBIAN AND REPTILE CONSERVATION
SOCIETY FOR THE STUDY OF AMPHIBIANS AND REPTILES

JANUARY 2011 – JANUARY 2013

SOCIETY FOR FRESHWATER SCIENCE

PROFESSIONAL REFERENCES

BRETT R SCHEFFERS, PhD | ASSISTANT PROFESSOR, WILDLIFE ECOLOGY AND CONSERVATION, UNIVERSITY OF FLORIDA, GAINESVILLE, FL

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STEPHEN C RICHTER, PhD | PROFESSOR, BIOLOGICAL SCIENCES; DIRECTOR, DIVISION OF NATURAL AREAS, EASTERN KENTUCKY UNIVERSITY, RICHMOND, KY

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Richmond, KY 40475 USA

JOHN D (JD) WILLSON, PhD | ASSOCIATE PROFESSOR, BIOLOGICAL SCIENCES, UNIVERSITY OF ARKANSAS, FAYETTEVILLE, AR

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