

# J. ALEX BAECHER

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## EDUCATION

**MAY 2023 (expected)**

**DOCTOR OF PHILOSOPHY** | UNIVERSITY OF FLORIDA

- Interdisciplinary Ecology

**DECEMBER 2017**

**MASTER OF SCIENCE** | EASTERN KENTUCKY UNIVERSITY

- Biology

**MAY 2014**

**BACHELOR OF SCIENCE** | UNIVERSITY OF ARKANSAS

- Biology

## EXPERIENCE

**AUGUST 2018 – ...**

**GRADUATE RESEARCH ASSISTANT** | UNIVERSITY OF FLORIDA

**JANUARY 2018 – ...**

**RESEARCH AND CONSERVATION TECHNICIAN** | MEMPHIS ZOO

**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  
HERPETOLOGICAL CONSERVATION AND BIOLOGY  
HERPETOLOGICAL REVIEW (3)  
JOURNAL OF NATURAL AREAS (2)

## PUBLICATIONS

### FORTHCOMING

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

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

### PUBLISHED

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

 [doi.org/10.1655/Herpetologica-D-18-00007](https://doi.org/10.1655/Herpetologica-D-18-00007)

**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

 [doi.org/10.33256/hb150.2930](https://doi.org/10.33256/hb150.2930)

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

 [doi.org/10.1016/j.cryobiol.2019.05.007](https://doi.org/10.1016/j.cryobiol.2019.05.007)

**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

 [doi.org/10.1002/ece3.4736](https://doi.org/10.1002/ece3.4736)

**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

 [doi.org/ 10.1007/s13157-017-0966-5](https://doi.org/10.1007/s13157-017-0966-5)

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

 NA

## PRESENTATIONS

Jones, E, [JA Baecher](#), A Braccia, SC Richter. **2019**. Association of Southeastern Biologists. Memphis, TN  
Hinkson, KM, [JA Baecher](#)<sup>§</sup>, S Poo. **2019**. Association of Southeastern Biologists. Memphis, TN  
[Baecher, JA](#)<sup>§</sup>, SB Reichling. **2018**. Louisiana Pinesnake Stakeholder Meeting. Shreveport, LA  
Jones, E, [JA Baecher](#), A Braccia, SC Richter. **2018**. Kentucky Academy of Science. Bowling Green, KY  
Gross, BA, Z Patton, [JA Baecher](#)<sup>§</sup>, LD Densmore. **2018**. 25<sup>th</sup> Crocodile Specialist Group. Sante Fe, Argentina  
[Baecher, JA](#), SC Richter. **2018**. Joint Meeting of Ichthyologists and Herpetologists. Rochester, New York  
Grap, P, S Harrel, D Black, [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, D Black, [JA Baecher](#). **2017**. SE Fisheries Council Annual Meeting. Chattanooga, Tennessee  
[Baecher, JA](#), SC Richter. **2017**. SE Partners in Amphibian and Reptile Conservation. Little Rock, AR  
Swartwout, M, PN Vogrinc, [JA Baecher](#), CS Kross, JD Willson. **2016**. JMIH. New Orleans, LA  
[Baecher, JA](#), PN Vongrinc, JD Willson. **2016**. JMIH. New Orleans, LA  
[Baecher, JA](#), DR Leasure, D Lynch, DD Magoulick. **2014**. Joint Meeting of Aquatic Sciences. Portland, OR  
[Baecher, JA](#), DR Leasure, D Lynch, 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 Arkansas Water Resource Conference. Fayetteville, AR

### CONTRIBUTED SYMPOSIA HOSTED BY HOME INSTITUTIONS:

[UNIVERSITY OF FLORIDA](#) | 2

**AUGUST 2019 – MARCH 2020**

[EASTERN KENTUCKY UNIVERSITY](#) | 5

**AUGUST 2012 – JANUARY 2014**

[UNIVERSITY OF ARKANSAS](#) | 3

**AUGUST 2012 – JANUARY 2014**

## AWARDS

### RESEARCH GRANTS, FELLOWSHIPS, OR TRAVEL AWARDS

**\$125,000** | University of Florida Doctoral Preeminence Fellowship (2019)

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

**\$500** | ECU Div. of Natural Areas Grant-In-Aid of Research Program (2016)

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

**\$700** | Society for Freshwater Science Instars Fellowship (2014)

**\$700** | Society for Freshwater Science Instars Fellowship (2013)

**\$150** | University of Arkansas Dept. Biological Sciences Travel Stipend (2013)

**\$5,000** | University of Arkansas NSF Reu Fellowship (2013)

**\$5,000** | University of Arkansas NSF Reu Fellowship (2012)

## CURRENT PROFESSIONAL SOCIETIES

JANUARY 2013 – ...

AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS

JANUARY 2013 – ...

SOUTHEASTERN PARTNERS IN AMPHIBIAN AND REPTILE CONSERVATION

JANUARY 2011 – JANUARY 2013

SOCIETY FOR FRESHWATER SCIENCE

JANUARY 2013 – ...

SOCIETY FOR THE STUDY OF AMPHIBIANS AND REPTILES

## PROFESSIONAL REFERENCES

**BRETT SCHEFFERS, PHD** | ASSISTANT PROFESSOR, WILDLIFE ECOLOGY AND CONSERVATION, UNIVERSITY OF FLORIDA, GAINESVILLE, FL

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

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**JOHN D (JD) WILLSON, PHD** | ASSISTANT PROFESSOR, BIOLOGICAL SCIENCES, UNIVERSITY OF ARKANSAS, FAYETTEVILLE, AR

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