

## Tucker Heptinstall

M.S. Student  
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 Department of Biological Sciences  
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### Education

MS	<b>Clemson University</b> , Clemson SC USA Department of Biological Sciences	2022-Present
BS	<b>Auburn University</b> , Auburn, AL USA Summa Cum Laude, Major in Wildlife Ecology and Management	2017-2021

### Professional Employment

<b>Clemson University</b> , Clemson, SC	Graduate Teaching Assistant Graduate Researcher, Dr. Christopher Parkinson	Aug. 2022-Present
<b>Alabama 4-H Science School</b> , Columbiana, AL	Environmental Educator	Oct. 2021- May 2022
<b>Apalachicola National Estuarine Research Reserve</b> , Apalachicola, FL	Stewardship and Sea Turtle Intern	May 2021- Oct. 2021
<b>Auburn University</b> , Auburn, AL	Teaching Assistant, Dr. Nancy Loewenstein	Aug. 2020-Dec. 2020
<b>Auburn University</b> , Auburn, AL	Undergraduate Student Employee, Dr. Robert Gitzen	Jan. 2019-Dec 2020
<b>Teatown Lake Reservation</b> , Ossining, NY	Stewardship Senior Experience Field Supervisor	May 2019- June 2019
<b>Tigers For Tomorrow Wild Animal Preserve and Education Center</b> , Attalla, AL	Animal Caretaker and Grounds Maintenance Crew	May 2018- July 2018

### Teaching Experience

<b>Clemson University</b> , Clemson, SC	Evolutionary Biology- Graduate Teaching Assistant (Fall 2022, Spring 2023, Fall 2023) Principles of Biology II Lab- Graduate Teaching Assistant (Spring 2024)	Aug. 2022-Present
<b>Alabama 4h Science Center</b> , Columbiana, AL	Environmental Educator	Oct. 2021- May 2022
<b>Auburn University</b> , Auburn, AL	Dendrology Lab- Undergraduate Teaching Assistant (Fall 2020)	Aug. 2020- Dec. 2020

### Publications

- Heptinstall, T. C.**, R. A. Rosales-García, R. M. Rautsaw, E. P. Hofmann, A. de Queiroz, L. Canseco-Márquez, and C. L. Parkinson. 2023. Size Doesn't Matter: Body size is not linked to diet specialization in garter snakes (Squamata: Natricidae: *Thamnophis*). *Journal of Herpetology*. In Press.
- \*Heptinstall, T.C.**, \*J.L. Strickland, R.A. Rosales-García, R.M. Rautsaw, C.L. Simpson, G.S. Nystrom, S.A. Ellsworth, M.P. Hogan, M. Borja, P.F. Campos, F. G. Grazziotin, D. R. Rokyta, I.L.M. Junqueira-de-Azevedo, and C.L. Parkinson. 2023. Venom phenotype conservation suggests integrated specialization in a lizard-eating snake. *Toxicon*, 229, 107135.

\*- Authors Contributed Equally

## Oral Presentations

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- **Heptinstall T.**, R. Rosales-Garcia, R. Rautsaw, C. Parkinson. 2023. Venom Complexity of Garter Snakes (*Thamnophis*) and the Role of Diet in Toxin Diversification. Joint Meeting of Ichthyologists and Herpetologists Annual Meeting. Norfolk, VA.
- **Heptinstall T.** 2022. Venom Complexity within Garter Snakes and the Role of Diet in Toxin Diversification. South Carolina Partners in Amphibian and Reptile Conservation Annual Meeting. Florence, SC.

## Poster Presentations

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- **Heptinstall T.**, R. Rosales-Garcia, R. Rautsaw, C. Parkinson. 2024. Venom Complexity of Garter Snakes (*Thamnophis*) and the Role of Diet in Toxin Diversification. South Carolina Partners in Amphibian and Reptile Conservation Annual Meeting. Beaufort, SC.
- **Heptinstall T.**, R. Rosales-Garcia, R. Rautsaw, C. Parkinson. 2023. Venom Complexity of Garter Snakes (*Thamnophis*) and the Role of Diet in Toxin Diversification. Clemson University BioSci Research Expo. Clemson, SC.
- **Heptinstall T.**, Miller, M., Romagosa, C., Gitzen, R. 2019. Snake news! Road-based survey effectiveness in Everglades National Park. Auburn University Annual Student Research Symposium. Auburn University, Auburn, AL.

## Funding

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Sigma Xi Grants in Aid of Research	<b>\$1000</b>	2023
Clemson University Graduate Travel Grant	<b>\$750</b>	2023
Carl Gans Traveling Fellowship	<b>\$800</b>	2023
Robert "Bob" Lee III Annual Scholarship	<b>\$1,500</b>	2020-2021
Harry and Erin Dunn Endowed Fund for Excellence	<b>\$1,000</b>	2020-2021
Spirit of Auburn Founders Scholarship	<b>\$36,000</b>	2017-2021

## Awards

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SSAR Seibert Award: Systematics & Evolution Student Talk Competition- <b>2<sup>nd</sup> Place</b>	2023
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## Service

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<b>Clemson University Biological Sciences Graduate Student Association</b> Vice President	2023-2024
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## Professional Societies

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Society for the Study of Amphibians and Reptiles	2022-Present
American Society of Ichthyologists and Herpetologists	2022-Present
Herpetologists' League	2022-2023
The Wildlife Society- Auburn University Chapter	2017-2021