

Claire C. Winfrey

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EDUCATION

- Present* – 2017 **Master of Science in Ecology & Evolutionary Biology (EEB)**, *anticipated May 2020* (GPA: 3.99)
University of Tennessee, Knoxville (UTK)
Advisor: Dr. Kimberly Sheldon
- 2016 – 2011 **B.S. in Biology; minors in Spanish, Linguistics**, *Summa cum laude* (GPA: 3.80)
University of Oklahoma (OU)
Honors Advisor: Dr. Ola Fincke
Thesis: Role of visual and non-visual cues in damselfly mate recognition (Winfrey & Fincke, 2017)

FELLOWSHIPS & GRANTS

- Present* – 2019 **National Science Foundation Graduate Research Fellowship (\$138,000)**
- Present* – 2017 Tennessee Fellowship for Graduate Excellence (\$40,000)
- 2019 – 2017 **Program for Excellence & Equity in Research (PEER) Fellowship (NIH-funded, full tuition and \$24,000/year stipend for two years)**
- 2019 UTK Graduate Student Senate Travel Award (\$500)
- 2019 Sigma Xi Grants in Aid of Research (\$500)
- 2019 The Coleopterists Soc. Grad. Student Research Enhancement Award (\$1,989)
- 2018 UTK EEB Departmental Research Funds (\$1,396)
- 2016 Friends of the University of Oklahoma Biological Station Scholarship (\$400)
- 2015 Harley P. Brown Scholarship (\$400)

PEER-REVIEWED PUBLICATIONS

- Winfrey, C., & Fincke, O. M.** (2017). Role of visual and non-visual cues in damselfly mate recognition. *International Journal of Odonatology*, 20, 43–52.
doi:10.1080/13887890.2017.1297259
- Marhanka, E.C., J.L. Watters, N.A. Huron, S.L. McMillin, **C.C. Winfrey**, D.J. Curtis, D.R. Davis, J.K. Farkas, J.L. Kerby, and C.D. Siler. (2017). Detection of high prevalence of *Batrachochytrium dendrobatidis* in amphibians from southern Oklahoma, USA. *Herpetological Review*, 48(1), 70-74.
- Davis, D. R., A. D. Geheber, J. L. Watters, M. L. Penrod, K. D. Feller, A. Ashford, J. Kouri, D. Nguyen, K. Shauberger, K. Sheatsley, **C. Winfrey**, R. Wong, M. B. Sanguila, R. M. Brown & C. D. Siler. (2016). Additions to Philippine Slender Skinks of the *Brachymeles bonitae* Complex (Reptilia: Squamata: Scincidae) III: a new species from Tablas Island. *Zootaxa*, 4132, (1), 30-43.
<http://dx.doi.org/10.11646/zootaxa.4132.1.3>

CONFERENCE PRESENTATIONS

- Winfrey, C.C., & Sheldon, K.S. (2019, August). *Sister species of dung beetles show species-specific gut microbiota in sympatry*. Poster session presented at the annual meeting of the Ecological Society of America, Louisville, KY.
- Winfrey, C., Fincke, O.M. (2016, April). *You'll know her when you see her: the role of visual and non-visual cues in damselfly mate recognition*. Paper presented at the Central Ecology and Evolution Conference, Norman, OK.
- Winfrey, C., Fincke, O.M. (2016, April). *You'll know her when you see her: the role of visual*

and non-visual cues in damselfly mate recognition. Paper presented at U. of Oklahoma Undergraduate Research Day, Norman, OK.

HONORS & AWARDS

2019	UTK EEB Outstanding Outreach and Community Service
2017	The Phi Beta Kappa Society (Alpha of Oklahoma Chapter)
2016	Outstanding Biology Undergraduate Award

PROFESSIONAL SERVICE

Journal Peer Reviewer: *PLoS ONE*

2019	Engaging Knoxville in Ecology & Evolution (EKEE), Special Events Coordinator
2019 – 2018	UTK Ecology & Evolutionary Biology Seminar Committee, member
2016 – 2015	OU Biology Student Advisory Committee, faculty-recommended member

PAID RESEARCH AND TEACHING EXPERIENCE

2016	Undergraduate Teaching Assistant, Univ. Oklahoma Dept. of Biology <ul style="list-style-type: none"> • <i>Field Herpetology two-week summer course under Dr. Cameron Siler</i> • <i>Taught students how to trap and properly handle amphibians and reptiles</i> • <i>Helped lecture on herpetofauna biodiversity in Oklahoma</i>
2016	Undergraduate Field Assistant, Siler Lab/ Sam Noble Museum of Natural History Herpetology Dept. <ul style="list-style-type: none"> • <i>Assisted in field collection and analysis of amphibian and reptile specimens, lab specimen processing and DNA extraction</i>
2015 – 2013	Writing Assistant, Univ. Oklahoma Honors College Writing Center <ul style="list-style-type: none"> • <i>Tutored undergraduates for their Honors classes writing assignments</i>
2013	Research Assistant, Sam Noble Museum of Natural History Native Languages Dept. <ul style="list-style-type: none"> • <i>Assisted Dr. Mary Linn (now at the Smithsonian) in research on the NSF-funded Euchee language dictionary and database</i>

SELECTED OUTREACH

<i>Present – 2017</i>	Ecology & Evolutionary Biology Undergraduate Mentorship Program, mentor
2019 – 2018	UTK Darwin Day, Co-President
2019	UTK NSF GRFP workshop, mock reviewer.
2019	UTK NSF GRFP workshop, panelist. Writing your best NSF GRFP proposal.
2019	UTK KidsU: Riveting Reptiles & Awesome Amphibians, course designer and co-Instructor
2019	Robbinsville Middle School Science Day at UTK. Designed and led activity on invasive species.
2019	Nova Science Café, speaker. Presentation: <i>How the humble dung beetle can help save the world.</i>
2018	Knoxville Earth Day Fest, keynote speaker. Presentation: <i>Answers below our feet: soil, health and the effects of soil degradation.</i>
2018	Science at Sugarlands, speaker. Presentation: <i>400,000 species strong: how beetles shape ecosystems</i>
2015	Students Against a Factory-farming Economy Student Organization, Public Relations Chair

Updated: December 2019