

CALI A. WILSON

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Education	Ph.D. in Ecology University of Georgia , Odum School of Ecology, Athens, GA GPA: 3.96/4.00 Major professors: Dr. Sonia Altizer, Dr. Richard Hall	2018–present
	B.S. in Biology Bucknell University , Lewisburg, PA GPA: 3.56/4.00 <i>Cum Laude</i> , Phi Sigma Undergraduate Research Advisors: Dr. Ken Field, Dr. DeeAnn Reeder	2014-2018
Research Interests	Disease ecology and animal behavior; community composition and species interactions; wildlife health; host-pathogen dynamics; bat and bird zoonoses; urban ecology	
Awards & Fellowships	Graduate Education Advancement Board Fellowship, UGA (\$2500)	2021–2022
	Best talk in session, Odum Graduate Student Symposium, UGA (\$180)	2022
	Interdisciplinary Disease Ecology Across Scales Fellowship, NSF (\$68000)	2018–2020
	IDEAS NSF Fellowship Extension (\$34000)	2020–2021
	3rd place student presentation, FL Ornithological Society Meeting	2020
	DAIDD Clinic Scholarship, MIDAS Network	2020
	Odum Small Grant Honorable Mention, UGA	2020
	Graduate Education Advancement Board Fellowship, UGA (\$2500)	2019–2020
	2nd place rapid fire talk, Odum Graduate Student Symposium, UGA (\$85)	2019
	The William P. Boger Jr., M.D. Award, Bucknell University (\$1500)	2018
	Russo Fund for Undergraduate Research in Biological Sciences (\$3750)	2017
	STEM Scholars Undergraduate Research Fellowship, NSF (\$7000)	2014-2015
Grant Support	Graduate Retention and Inclusion Grant, UGA (\$5000)	2022
	IDEAS Small Grant for Graduate Research, University of Georgia (\$1792)	2021
	IDEAS Small Grant for Graduate Research, University of Georgia (\$1971)	2020
	Odum Travel Grant, University of Georgia (\$1000)	2020
	NSF EEID REU Supplemental Funding (\$7768)	2019
	IDEAS Small Grant for Graduate Research, University of Georgia (\$993)	2019
	Conservation Grant, Oconee River Audubon Society (\$525)	2019
	Innovative and Interdisciplinary Research Grant, University of Georgia (\$1428)	2019
	Graduate Travel Award, University of Georgia (\$250)	2019
	Conference Travel Funding, University of Georgia (\$850)	2019
Book Contributions	Resetarits, E., Bartlett, L.J., Wilson, C. A. , Willoughby, A.R. “Parallels in Parasite Behavior: The other side of the host-parasite relationship.” Invited book chapter in Ezenwa, Altizer & Hall 2022, Oxford University Press. (Accepted).	
Peer-reviewed Publications	Lilley, T. M., Wilson, C. A. , Bernard, R. F., Willcox, E. V., Vesterinen, E. J., Webber, Q. M., ..., Field, K. A. (2017). Molecular Detection of Candidatus Bartonella mayotimonensis in North American Bats. <i>Vector-Borne and Zoonotic Diseases</i> , 17(4), 243-246.	
	Lilley, T. M., Johnson, J. S., Ruokolainen, L., Rogers, E. J., Wilson, C. A. , Schell, S. M., Field, K. A., Reeder, D. M. (2016). White-nose syndrome survivors do not exhibit	

frequent arousals associated with *Pseudogymnoascus destructans* infection. *Frontiers in Zoology*, 13(1).

Publications in Preparation	Wilson, C.A. , Altizer, S., Hall, R.J., Navara, K.J., Keiser, C.N. Wildlife behavior and pathogen dynamics in an urbanizing world. In preparation for submission to <i>Journal of Animal Ecology</i> .
	Tomamichel, M.M., Ragonese, I.G., Wilson, C.A. Disease Emergence: Multi-scale factors that tip host-parasite relationships from relatively benign to pathogenic. In preparation for submission to <i>Frontiers in Ecology and the Environment</i> .
Research Positions	Research Assistant, Hall & Altizer Labs, Odum School of Ecology 2018-present <i>Exploring behavioral and environmental determinants of parasite transmission in American White Ibis using field, lab, and modeling-based approaches</i>
	Undergraduate Research Assistant, Biology Dept., Bucknell University 2014–2018 <i>Conducted research on hemoparasites in African fruit bats; the effects of White Nose Syndrome on hibernation patterns and immune responses in North American bats</i>
	Field Technician, Department of Biology, University of West Georgia 2016 <i>Assisted a graduate student with capture and tracking of threatened and endangered bats in the Talladega National Forest, Alabama</i>
Presentations	Odum School Graduate Student Symposium , Athens, GA, Feb. 2022.* Ecological Society of America (Virtual) Meeting , Aug. 2021.* Ecology & Evolution of Infectious Disease Meeting, Virtual , June 2021.§ Animal Behavior & Parasitism Symposium, UGA CEID , May 2021.* Florida Ornithological Virtual Meeting , Dec. 2020.* Animal Behavior Society Virtual Conference , July. 2020.* Odum School Graduate Student Symposium , Athens, GA, Jan. 2020.* Ecology & Evolution of Infectious Disease Meeting , Princeton, NJ, June 2019.§ Odum School Graduate Student Symposium , Athens, GA, Jan. 2019.* Society for Comparative & Integrative Biology , San Francisco, CA, Jan. 2018.* The Kalman Research Symposium , Lewisburg, PA, Mar. 2018.* North American Symposium on Bat Research , San Antonio, TX, Oct. 2016.§ * indicates Oral Presentation; § indicates Poster Presentation
Teaching Experience	Topics in Modern Ecology, University of Georgia 2021 <i>Co-facilitated discussion on slow scholarship in first year grad student course</i>
	Conservation Biology, University of Georgia 2019 <i>Guest Lecture entitled: "Food subsidies: consequences for conservation"</i>
	Principles in Ecology and Evolution Lab, Bucknell University 2018 <i>Prepared laboratory and field materials, graded lab reports, assisted during lab</i>
	Intro to Molecules and Cells Lab, Bucknell University 2016-2017 <i>Prepared laboratory materials, graded homework and quizzes, assisted during lab</i>
	Organismal Biology, Bucknell University 2016 <i>Facilitated weekly study group to reinforce material covered in class</i>
Mentoring Experience	Julia Weil, CURO Program, University of Georgia Spring 2020-Spring 2022 Olivia Sieverts, NSF Research Experience for Undergraduates Summer 2019

Outreach & Science Communication	Letters to a Pre-Scientist Volunteer 2019-2021 <i>Exchange letters with grade-school 'pre-scientists' about topics related to STEM to demystify STEM careers and breakdown barriers to higher education</i>
	Volunteer and Secretary, EcoReach, University of Georgia. 2018-2022 <i>Develop and organize science outreach events at schools in Athens-Clarke County to supplement the schools' curriculum and heighten awareness of the science of ecology</i>
	Guest Lectures in Elementary Classrooms 2019-2020 <i>Virtually lectured about careers in science to Wisconsin 4th grade class and virtually lectured about bats to Pennsylvania 1st grade class</i>
	Social Media Team, STEMzone, University of Georgia 2018-2019 <i>Promote interactive science outreach event and increase the visibility of STEM research across departments and organizations at the University of Georgia</i>
Additional Training	Network Analysis in R, Virtual Course 2021
	American Red Cross Wilderness and Remote First Aid Training 2021
	Clinic on Dynamical Approaches to Infectious Disease Data, Virtual Course 2020
	Entering Mentoring Workshop for REU Mentors, UGA 2019
	Gender, The Body, and Fieldwork Across Disciplines Workshop, UGA 2019
	Communicating with Policymakers Workshop, UGA 2018
	R Data Clinic Workshop, UGA 2018
Conservation Medicine One Health Wildlife Disease Workshop, UGA 2018	
Computational Skills	Proficiency in R, Microsoft Office
	Basic familiarity with Python
	Data cleaning and manipulation
	Linear and mixed-effects models
	Spatial and network modeling
	Data visualization
	ODE modeling for infectious diseases
Departmental Service	OSE Graduate Program Committee Student Representative, UGA 2020-2022
	OSE Recruitment Logistics Committee, UGA 2018-2022
	Student Paper Reviewer for ECOL8000 Topics in Modern Ecology, UGA 2019
	Undergraduate representative on faculty search committee, Bucknell University 2018
Professional Affiliations	Center for the Ecology of Infectious Diseases, UGA 2018-present
	Ecological Society of America 2021-2022
	Animal Behavior Society 2020-2021
	Society for Integrative and Comparative Biology 2017-2018
	North American Society for Bat Research 2016-2017