

SUZANNE W. AGAN, Ph.D.

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CURRICULUM VITAE

Education

- May 2015 – July 2020 Antioch University New England Keene, New Hampshire
Environmental Studies & Sustainability
Ph.D. Environmental Studies, Advisors: Dr. Lisabeth Willey, Dr. Jimmy Karlan
External Advisor: Dr. Adrian Treves, University of Wisconsin-Madison
Research: The human dimensions and spatial ecology of poaching and
implications for red wolf survival
- May 2015 – May 2017 Antioch University New England Keene, New Hampshire
Environmental Studies & Sustainability
M.S. Interdisciplinary Environmental Studies, Advisor: Dr. Lisabeth Willey
- May 2001 – Aug 2005 Texas A&M University College Station, TX
Wildlife & Fisheries Sciences
M.W.S Wildlife Sciences, Advisor: Dr. Jane Packard
Thesis: Development and implementation of the wolf workbook as a science
education tool for students and teachers
Lead - professional development seminars: Using the wolf workbook as a
technology tool for the classroom
- Aug 2005 – July 2006 Letourneau University Houston, TX
PACT – Postbaccalaureate Accelerated Certification for Teachers
6 – 12 Broad Field Science Certification, Current in Georgia
- Aug 1992 – Dec 1995 University of North Carolina at Greensboro Greensboro, NC
Bachelor of Arts in Biology & Physiological Psychology
Minor in Psychology
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Professional Experience

- July 2021 – Present American Public University System Remote
Associate Professor of Environmental Science, graduate and undergraduate
online courses in Environmental Science and Environmental Economics
Graduate council member, Co-Chair Student Chapter of the Wildlife Society,
Subject expert for APUS Analog Research Group (AARG)
- July 2019 – Present Kennesaw State University Kennesaw, GA
Department of Ecology, Evolution & Organismal Biology
Instructor, Environmental Science, Conservation Biology, Biology & Lab
Online and on-campus instruction
Part-Time Faculty Council Representative for EEOB
- Nov 2021 – Present University of Maryland Global Remote
School of STEM

Adjunct, Assistant Professor of Environmental Science
Courses include Environment & Ecosystem Principles, Introduction to GIS,
Environmental Regulations & Policy

Jan 2021 – May 2022	University of Wisconsin-Madison Carnivore Coexistence Lab, Dr. Adrian Treves Post-doctoral research collaboration – Evaluating how management policies affect red wolf mortality and disappearance.	Madison, WI
Nov 2018 – Dec 2019	Georgia Cyber Academy High School Science Teacher, Environmental Science, Physics	Remote, GA
July 2010 – Nov 2018	Shorter University, School of Natural Sciences Assistant Professor of Environmental Science for traditional campus and the College of Adult and Professional Programs Conservation Biology, Biology, Natural Science (online), Environmental Science, Earth Science, Student Success Courses Tri-beta Honor Society faculty advisor FAR (NCAA faculty athletic representative)	Rome, GA
July 2010 – June 2013	Pepperell High School Certified science teacher Honors Chemistry, Biology, AP Environmental Science	Lindale, GA
July 2007 – June 2010	Greenbrier High School, Columbia County BOE Certified science teacher Chemistry, Biology, AP Environmental Science Georgia Conservancy YES program 3 rd place	Evans, GA
July 2005 – June 2007	Friendswood High School, Friendswood ISD Certified science teacher Chemistry, IPC, Biology Freshman tennis coach, assistant JV and varsity coach, state finalists	Friendswood, TX
May 2004 – July 2005	SWCA Environmental Consultants Environmental Scientist <ul style="list-style-type: none">• Conducted wetland delineations for purposes of federal, state, and local regulations; regulated under the Clean Water Act.• Phase I environmental assessments including site history, usage, contaminations, current operations, and possible hazardous conditions• Assisting in FERC (Federal Energy Regulatory Commission) projects• Monitoring offshore drilling operations• Threatened & Endangered species surveys• Mitigation banking	Houston, TX
Feb 1999 – Nov 1999	California Waterfowl Association Wildlife Biologist	Sacramento, CA

Northern California Wood Duck project coordinator

- Worked with private landowners to acquire conservation easements and set up habitat for wood ducks
- Monitored wood ducks and other species nesting in boxes including screech owls, barred owls, and kestrels
- Conservation education in public parks and in coordination with local universities and state personnel

Peer-reviewed Publications

Current

- Agan SW, Treves A, Willey LL (2021) Estimating poaching risk for the critically endangered wild red wolf (*Canis rufus*). PLoS ONE 16(5): e0244261. <https://doi.org/10.1371/journal.pone.0244261>
- Agan, S. W., Treves, A., & Willey, L. L. (2021). Majority positive attitudes cannot protect red wolves (*Canis rufus*) from a minority willing to kill illegally. *Biological Conservation*, 262, 109321. <https://doi.org/10.1016/j.biocon.2021.109321>
- Santiago-Ávila, F. J., Agan, S., Hinton, J. W., & Treves, A. (2022). Evaluating how management policies affect red wolf mortality and disappearance. *Royal Society Open Science*, 9(5), 210400. <https://doi.org/10.1098/rsos.210400>
- Treves, A., Agan, SW, Langenberg, JA, Lopez-Bao, J.V., Louchouart, NX, Parsons, DR, Rabenhorst, MF, Santiago-Ávila, FJ, 2024. Response to Roberts, Stenglein, Wydeven, and others. *Journal of Mammalogy* 2024 in press.

In process

- Spatial analysis of poaching risk for red wolves in Northeastern North Carolina: social and ecological implications for survival. Agan, S., Willey, L., Treves, A. Target journal: *Frontiers in Ecology and the Environment*

Presentations, Media, Articles

- Suzanne Agan of American Public University System On 5 Things We Must Do To Inspire The Next Generation About Sustainability And The Environment; An Interview With Martita Mestey; Authority Magazine, September 9, 2024
- Red Wolves and Coyotes, Artemis Wildlife Podcast, February 2023
- Next Level D2L: Personalization and Efficiency, APUS Lunch & Learn Series, February 2023
- Invasive Species and Keystone Species in the Southeastern United States, Artemis Georgia Fireside Chat, January 2023
- University of Maryland Global Webinar: The human dimensions of poaching in the wild red wolf population, August 2022
- Shorter University Science Seminar Guest Speaker, Scientific Research with red wolves as a case study, February 2022
- Could poachers jeopardize red wolf reintroduction? The Wildlife Society News, October 2021
- Little Red Wolf and the Big Bad Humans, The Nation Magazine, August 2021
- The Collapse of Wild Red Wolves Is a Warning That Should Worry Us All, The Nation Magazine, August 2021
- Endangered Species Coalition, "Wild Red Wolf Poaching Risk", Conference Call, January 12, 2021.

Professional Outreach and Service

- 2024: Delta Waterfowl, Faculty advisor for University Hunt program through Kennesaw State University
- 2024: Volunteer, Science Olympiad, Georgia
- 2021-Present: US Fish and Wildlife Service, red wolf recovery planning team
- 2021: Volunteer, National Science Bowl
- 2014 – Present: Sustainable agriculture project at Morningstar orphanage, Nairobi, Kenya
- 2020: Peer reviewer, Global Ecology and Conservation
- 2017: USFWS, Mexican wolf reintroduction program prey study, Alpine, AZ
- 2014 – 2017: Volunteer Wildlife biologist and educator, Eco-Center, Rome, GA

Honors, Awards

- Women Hunt, November 2024; One of 12 women competitively selected for an intense wildlife conservation program through the Wild Sheep Foundation.
<https://www.wildsheepfoundation.org/womenhunt>
- Instructional Champion, APUS, “Dr. Suzanne Agan has revolutionized student engagement with her innovative “choose your own adventure” assignments. Recognizing the diverse backgrounds and strengths of her students, she developed this approach to create more meaningful and inclusive learning experiences.”
- Finalist, Outstanding Faculty Research & Scholarship, APUS

Skills

ArcMap GIS, survey development and implementation, STATA, Microsoft Office, Project Wild, Online learning systems including D2L Brightspace, Moodle, Blackboard, Sakai, and Canvas

Society Memberships

Association for Environmental Studies and Sciences
The Wildlife Society
Tri-Beta Honor Society
Society for Conservation Biology