

Catherine Cummings

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Education

- **Auburn University** **Auburn, AL**
Doctor of Philosophy *2021-Expected 2024*
 - Fully funded Ph.D. in **Wildlife Science** in College of Forestry, Wildlife, and Environment
 - Dissertation titled "Human Dimensions of Chronic Wasting Disease in North America"
 - **Tufts University** **Grafton, MA**
Master of Science *August 2020-August 2021*
 - M.S. in **Animals and Public Policy** at Cummings School of Veterinary Medicine
 - Cohort Ambassador
 - **CUNY Hunter College** **Manhattan, NY**
Advanced Certificate *August 2019-May 2020*
 - Advanced Certificate in **Animal Behavior and Conservation**
 - Provided consultation to local villages and NGOs in Thailand regarding Human-Wildlife Conflicts
 - Active participant in the Animal Behavior and Conservation Club
 - **SUNY New Paltz** **New Paltz, NY**
Bachelor of Science *August 2014-May 2018*
 - B.S. in **Cell and Molecular Biology**
 - Active participant in the Biology Club
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Experience

- **Auburn University** **Auburn, AL**
Lab Communications Director *March 2022-Present*
 - Manage all communications on online social media platforms (e.g., Twitter, Slack, WordPress)
 - Posted over 50 science communications posts, all available here: bit.ly/TwitterAUCG
 - Develop, manage, edit, and update lab website with minimal PI supervision
 - Write blogs on diversity, equity, and inclusion
- **Auburn University** **Auburn, AL**
Graduate Research Assistant *August 2021-Present*
 - Research several issues regarding stakeholder engagement and human dimensions of complex public policy issues
 - Provide direct supervision to two undergraduate students (Caroline Ward and Reese Stogner) on multiple research topics
 - Assist with supervision of Master's of Natural Resource Students (Dani Oates and Isabelle Barnes) with research on human dimensions of goolith grouper and grizzly bear delistings
 - Assist with data collection of white-tailed deer at Auburn University Deer Lab
 - Assist graduate students with field work on *Meleagris gallopavo*, *Sus scrofa*, *Odocoileus virginianus*
 - Provide technical assistance with telemetry
 - Assist with EPA regulated E.coli testing
- **Auburn University** **Auburn, AL**
Graduate Teaching Assistant *August 2021-Present*
 - Grade weekly assignments, field logs, and exams of 200 undergraduate students
 - Guest lecture multiple courses
 - Tutor student individually
- **Salem State University** **Salem, MA**
Graduate Research Assistant *January 2021-October 2021*

- Lead researcher assistant on a Woods Hole Sea Grant supported research project regarding human dimensions of seals and white sharks on Cape Cod, MA
- Supervised distribution, collection, and analysis of 1456 commercial fisherman questionnaires
- Completed a 20 page paper discussing public policy issues associated with management of seals and white sharks on Cape Cod for Tufts University
- Scientific publications on commercial fisherman results are currently working papers

- **Nanny**

Nanny

Millbrook, NY

May 2008-August 2021

- Provided daily care for children aged newborn to 14 years of age
- From 2017-2021, sole caregiver for a family of three children where I provided transportation to and from school, all daily care, assistance on homework
- During COVID-19 pandemic moved in with family to provide daily care of children while parents worked from home

- **CUNY Hunter College**

Research Assistant

Manhattan, NY

May 2020-August 2020

- Collected peer reviewed articles discussing translocations of endangered animals to update a manuscript
- Organized data through an Excel file which was shared weekly with Principal Investigator

- **Green Chimneys**

Animal Care Intern

Brewster, NY

August 2018-August 2019

- Provided husbandry for livestock, equines, exotics, and birds of prey
- Designed and implemented 30 personalized growth plans for special needs students in K-12 grade
- Developed and executed 30 occupational therapy plans with animals and a licensed Occupational Therapist
- Gathered and managed data on student pre- and post- assessments for the University of Denver Institute of Human Animal Connection
- Trained all new interns with minimal supervision

- **Paddington Cat Hospital**

Animal Nurse

Paddington, Australia

August 2018-August 2019

- Served diverse roles in a three-doctor practice, from client reception to assisting veterinarians with exams and surgeries
- Measured vitals, assisted with vaccination administration, helped with in-house diagnostics (e.g., CBC panels, radiographs)
- Managed and provided daily care of 40 felines in boarding care

Peer Reviewed Articles

- **Cummings, C.A.**, Ditchkoff, S.S., Gulsby, W., Williamson, R.D., & Dunning, K.H. (Working Paper). Risks, Comforts, and Concerns Associated with Chronic Wasting Disease.
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Reports

- Jackman, J., Bratton, R., **Cummings, C.A.**, Bramante, V., Kako, V., Baseman, D., Hanlon, E., Brewster, N., Wood, S., Nichols, O., Sette, L., Sanderson, M., Sykes, S., Dowling-Guyer, S., Rutberg, A., Wigren, C., Winton, M., Bogomolni, A., & Vaske, J. (2022). Human Dimensions of Rebounding Populations of Seals and White Shark Populations on Cape Cod: Summary. <https://bit.ly/sealsANDsharks>
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Invited Presentations

- **Cummings, C.**, Ditchkoff, S.S., Gulsby, W., Williamson, R.D., & Dunning, K.H. (2022). "Are Hunters Concerned About the Prevalence Rate of Chronic Wasting Disease in Newly Affected States?" The Wildlife Society 29th Annual Conference. shorturl.at/fuCMU
 - **Cummings, C.**, Ditchkoff, S.S., Gulsby, W., Williamson, R.D., & Dunning, K.H. (2022). "What Do Deer Hunters Know About Chronic Wasting Disease?" College of Forestry, Wildlife, and Environment Research Symposium. Invited by Dr. Lori Eckhardt. <https://bit.ly/CummingsPoster>
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Grant Writing

- PIs: **Cummings, C.A.** & Dunning, K.H. (May 2022). Target Funding: \$100,000 dollars, Target Funder: Alabama Department of Conservation and Natural Resources.
 - PIs: **Cummings, C.A.** & Dunning, K.H. (May 2022). Target Funding: \$100,000 dollars, Target Funder: Alabama Department of Conservation and Natural Resources.
 - PIs: **Cummings, C.A.**, Morris, D., & Dunning, K.H. (April 2022). Target Funding: \$125,000 dollars, Target Funder: Alabama Department of Conservation and Natural Resources.
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Reviewer

- Society and Natural Resources (2 articles)
 - Politics and Policy (1 article)
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Media Coverage

- Human Dimensions of Rebounding Seals and White Sharks on Cape Cod. (2022). <https://bit.ly/3OKcaul>
 - Welcome Catherine! (2021). <https://bit.ly/3xWDRdH>
 - Human Dimensions of Rebounding Populations of Seals and White Sharks on Cape Cod, MA. (2021). <https://bit.ly/3OLjSz>
 - Catherine Cummings. (2021). <https://bit.ly/3kkLWRt>
 - Catherine Cummings Welcome to Tufts! (2020). <https://bit.ly/3kkLWRt>
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Technical Skills

Languages: \LaTeX , RStudio, SPSS

Skills: Scientific Presentation, Methods Training Presentations, Database Research, Skype, Zoom, InDesign, Canva, WordPress, Wix

Certifications: CITI: Social and Behavior Research, PADI Open Water Diver, Hunter Education

Memberships: Delta Waterfowl, The Wildlife Society