

ALEX J. JENSEN

PHD CANDIDATE, WILDLIFE AND FISHERIES BIOLOGY
CLEMSON UNIVERSITY, SOUTH CAROLINA
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EDUCATION

2018- PhD Candidate, Wildlife and Fisheries Biology
 Clemson University, South Carolina
 Dissertation: *Top-down effects of coyotes in South Carolina*
 Advisor: [Dr. David Jachowski](#)



2016-2018 Master of Science, Biological Sciences
 California Polytechnic State University, San Luis Obispo
 Thesis: *Quantifying wildlife use of jumpout ramps and undercrossings along a highway with wildlife exclusion fencing*
 Advisor: [Dr. John Perrine](#)



2009-2013 Bachelor of Science, Zoology
 University of California, Santa Barbara



RESEARCH

Primary Expertise: Carnivore ecology and conservation, predator-prey interactions, spatial ecology, human-wildlife interactions, road ecology, enhancing diversity and inclusion in ecology

RESEARCH POSITIONS

2018- Graduate Research Assistant, Department of Forestry and Environmental Conservation, Clemson University, South Carolina

2014-2016 Biological Technician, Citrus Research Board, University of California Riverside

2012-2013 Research Assistant, Parasite Ecology Group, University of California Santa Barbara

2011-2012 Zoology Intern, Cheadle Center for Biodiversity and Ecological Restoration, University of California Santa Barbara

2010 Biology Intern, Storke Ranch Vernal Pools, University of California Santa Barbara

PEER REVIEWED PUBLICATIONS

In Review / In Press

5. Jensen AJ, CJ Marneweck, JC Kilgo, DS Jachowski. In review. *Dietary Plasticity of a Rapidly Expanding Carnivore: Coyotes in North America*. Mammal Review.

4. **Jensen AJ**, JD Perrine, A Schaffner, R Brewster, AJ Giordano, M Robertson, N Siepel. In press. *Quantifying Wildlife Use of Escape Ramps along a Fenced Highway*. Human Wildlife

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Interactions.

Published Papers



- 2021 3. Cove M, R Kays, ..., D Jachowski, **AJ Jensen**, ..., W McShea. 2021. *SNAPSHOT USA 2019: the first coordinated national camera trap survey of the United States*. Ecology. [PDF](#)
- 2021 2. **Jensen AJ**, SP Bombaci, LC Gigliotti, SN Harris, CJ Marneweck, MS Muthersbaugh, BA Newman, SL Rodriguez, EA Saldo, KE Shute, KL Titus, AL Williams, SW Yu, DS Jachowski. 2021. *Attracting diverse students to field experiences requires adequate pay, flexibility, and inclusion*. BioScience. [PDF](#)
- 2021 1. Marneweck C, AR Butler, L Gigliotti, S Harris, **AJ Jensen**, M Muthersbaugh, B Newman, E Saldo, K Shute, KL Titus, SW Yu, D Jachowski. 2021. *Shining the spotlight on non-apex carnivores: global status and threats*. Biological Conservation. [Link](#)

POPULAR ARTICLES

1. S Bombaci, **A Jensen**. *Field Experiences Shape Students' Careers, But They Need to Offer Better Pay, Flexibility, and Inclusion*. BioScience Blog. [Link](#)

1. **A Jensen**. *Who Can Work for Free? How Higher Pay Will Make the Environmental and Natural Resource Sciences More Inclusive*. SACNAS STEM + Culture Chronicle. [Link](#)

CONFERENCE PRESENTATIONS






- 2021 21. **Jensen A**, S Bombaci, L Gigliotti, S Harris, M Muthersbaugh, B Newman, S Rodriguez, E Saldo, K Shute, K Titus, A Williams, SW Yu, D Jachowski. *Attracting diverse students to field experiences requires adequate pay, flexibility, and inclusion*. Oral Presentation at The South Carolina Chapter of The Wildlife Society Annual Meeting. 
- 2021 20. Saldo, E, **A Jensen**, M Muthersbaugh, J Butfiloski, J Cantrell, J Kilgo, D Jachowski. *Temporal Activity Overlap Between Invasive Wild Pigs and Other Wildlife in South Carolina*. Poster Presentation at The Wildlife Society Annual Conference.
- 2021 19. Brogdon K*, K Sneed*, **A Jensen**, D Jachowski. *Coyotes Eat What? Seasonal Diets and Rodent Availability for Coyotes in South Carolina*. Poster Presentation at Clemson University Creative Inquiry Showcase. *undergraduate student
- 2021 18. Trayhan J*, T McFee*, E Saldo, **A Jensen**, M Muthersbaugh, D Jachowski. *Coyote Conflict? The Relationship Between Coyote and Deer Activity at Camera Sites in the Piedmont*. Poster Presentation at Clemson University Creative Inquiry Showcase. *undergraduate student
- 2021 17. **Jensen AJ**, CJ Marneweck, J Kilgo, D Jachowski. *Geographic and Seasonal Patterns in Coyote Diet*. Oral Presentation at Southeast Deer Study Group. 

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- 2021 16. Muthersbaugh M, **A Jensen**, C Ruth, J Cantrell, J Kilgo, D Jachowski. *Apparent annual variation in causes of white-tailed deer fawn mortality in South Carolina*. Poster Presentation at Southeast Deer Study Group.
- 2021 15. Harrison A*, T McFee*, R Mueller*, E Stephens*, J Trayhan*, **A Jensen**, M Muthersbaugh, E Saldo, D Jachowski. *Hike or Seek? The Potential Relationship Between Activity of Prey and Predators*. Poster Presentation at Clemson University Creative Inquiry Showcase. *undergraduate student
- 2020 14. **Jensen AJ**, CJ Marneweck, J Kilgo, D Jachowski. *The First Range-wide Coyote Diet Meta-analysis*. Oral Presentation at The Wildlife Society Annual Conference. 
- 2020 13. **Jensen A**, S Bombaci, L Gigliotti, S Harris, M Muthersbaugh, B Newman, S Rodriguez, E Saldo, K Shute, K Titus, A Williams, SW Yu, D Jachowski. *Attracting diverse students to field experiences requires adequate pay, flexibility, and inclusion*. Oral Presentation at Society for the Advancement of Chicanos and Native Americans in Science (SACNAS). 
- 2020 12. Bombaci S, **A Jensen**, L Gigliotti, S Harris, M Muthersbaugh, B Newman, S Rodriguez, E Saldo, K Shute, K Titus, A Williams, SW Yu, D Jachowski. *Attracting diverse students to field experiences requires adequate pay, flexibility, and inclusion*. Oral Presentation at The Wildlife Society Annual Conference.
- 2020 11. Bombaci S, **A Jensen**, L Gigliotti, S Harris, M Muthersbaugh, B Newman, S Rodriguez, E Saldo, K Shute, K Titus, A Williams, SW Yu, D Jachowski. *Attracting diverse students to field experiences requires adequate pay, flexibility, and inclusion*. Oral Presentation at Ecological Society of America Annual Conference.
- 2020 10. Muthersbaugh M, **A Jensen**, C Ruth, J Cantrell, J Kilgo, D Jachowski. *Causes of white-tailed deer fawn mortality in the Piedmont region Of South Carolina*. Poster Presentation at Southeast Deer Study Group.
- 2019 9. **Jensen A**, M Muthersbaugh, J Butfiloski, C Ruth, J Kilgo, D Jachowski. *Coyote and deer interactions in South Carolina using concurrent GPS collars*. Poster Presentation at The Wildlife Society Annual Conference. 
- 2019 8. **Jensen A**, M Muthersbaugh, J Butfiloski, C Ruth, J Kilgo, D Jachowski. *Coyote and deer interactions in South Carolina using concurrent GPS collars*. Poster Presentation at The American Society of Mammalogists Annual Conference. 
- 2019 7. **Jensen A**, M Muthersbaugh, J Butfiloski, C Ruth, J Kilgo, D Jachowski. *Coyote Ecology in the Piedmont: An Update from the First Year*. Oral Presentation at The South Carolina Chapter of The Wildlife Society Annual 

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Meeting.

- 2019 6. Muthersbaugh M, **A Jensen**, C Ruth, J Cantrell, J Kilgo, D Jachowski. *Causes of white-tailed deer fawn mortality in the Piedmont region of South Carolina*. Poster Presentation at The Wildlife Society Annual Conference.
- 2018 5. **Jensen A**, J Perrine, A Schaffner, N Siepel, M Robertson. *Deer use of Jumpouts Ramps and Factors Influencing Wildlife Use of Undercrossings Along a Highway with Wildlife Exclusion Fencing*. Oral Presentation at The Wildlife Society Annual Conference. 
- 2018 4. **Jensen A**, J Perrine, A Schaffner, N Siepel, M Robertson. *Deer use of Jumpouts Ramps and Factors Influencing Wildlife Use of Undercrossings Along a Highway with Wildlife Exclusion Fencing*. Oral Presentation at the North American Congress for Conservation Biology. 
- 2018 3. **Jensen A**, J Perrine, A Schaffner, N Siepel, M Robertson. *A proposed analysis of deer use of jumpouts ramps and wildlife use of culverts along highways with wildlife exclusion fencing*. Oral Presentation at the Vertebrate Pest Conference (invited). 
- 2018 2. **Jensen A**, J Perrine, A Schaffner, N Siepel, M Robertson. *A proposed analysis of deer use of jumpouts ramps and wildlife use of culverts along highways with wildlife exclusion fencing*. Poster Presentation at the Western Section of the Wildlife Society Annual Meeting. 
- 2017 1. **Jensen A**, J Perrine, A Schaffner, N Siepel, M Robertson. *Wildlife and Highways: A proposed analysis of deer use of jumpout ramps and carnivore use of culverts along a highway with wildlife exclusion fencing*. Poster Presentation at the International Urban Wildlife Conference. 

SKILLSET

Field: [Wildlife cameras](#), [GPS collars](#), radio telemetry, [scat surveys](#), mammal chemical immobilization, animal handling, foothold traps, Sherman traps, bird and bat mistnetting, 4x4 truck, trailering, off-road vehicles

Software: R, JMP, ArcMap, Google Earth Engine, TimeLapse2 (photo processing), Microsoft Excel, Premiere Pro (video editing)

Language: Conversational Spanish

GRANTS AND AWARDS

- 2021 Alexander Family Fellowship, Clemson University, \$1,623
- 2020 Frederick W. Kinard Fellowship, Clemson University, \$1,491
- 2020 Society for the Advancement of Chicanos and Native Americans in Science Conference Registration Scholarship, \$165

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- 2019 Research Funding, The Wildlife Society Inclusion Diversity Equity and Awareness Working Group, \$200
- 2019 Research Funding, Clemson University Equity and Inclusion, \$200
- 2018 Clemson University Graduate Student Travel Grant, \$750
- 2018 Vertebrate Pest Conference Student Presentation Award, \$500
- 2018 Cal Poly Graduate Education Travel Award, \$500
- 2017 Cal Poly Graduate Education Travel Award, \$500
- 2017 Graduate Scholarship, Santa Barbara Scholarship Foundation, \$3,000
- 2016 Aryan I. Roest Ecology Scholarship, Cal Poly Biological Sciences, \$3,000

TEACHING

TEACHING POSITIONS

- 2019- Co-lead instructor of Deer and Coyote Interactions Creative Inquiry. Research-based course for 4-6 students per semester. 16 students in total. 4 poster presentations. Clemson University, SC
- 2016-2018 Teaching assistant for Introduction to Ecology and Evolution Lab. Practical course on data collection and analysis in ecology and evolution. 168 students in total. California Polytechnic State University San Luis Obispo
- 2016-2018 Teaching assistant for Organismal Form and Function Lab. Principles of animal and plant physiology. 96 students in total. California Polytechnic State University San Luis Obispo
- 2017 Teaching assistant for Field Techniques in Wildlife Ecology. Intensive field course with hands on learning and networking opportunities. 16 students in total. California Polytechnic State University San Luis Obispo

GUEST LECTURES

- 2021 Coyote Ecology in South Carolina, Applied Geospatial Information Course, Western North Carolina University
- 2019 GPS Collar software, Wildlife Techniques Course, Clemson University
- 2017 How Roads Impact Wildlife, Conservation Ecology Course, California Polytechnic State University San Luis Obispo
- 2015 Parasitoid wasps as a biocontrol agent for an important citrus pest, Ecology Course, University of Redlands

WORKSHOPS FACILITATED

- 2019-2020 How to get the most out of scientific conferences. Co-created and delivered workshop to undergraduates and graduate students. Clemson University
- 2019 How to make engaging scientific posters. Co-created and delivered workshop to graduate students. Clemson University
- 2019 How to write a research proposal. Co-created and delivered workshop to graduate students. Clemson University
- 2019 How to make a quality resume. Co-created and delivered workshop to undergraduate students. Clemson University
- 2019 How to find a job in the Environmental Sciences. Co-created and delivered workshop to undergraduate students. Clemson University
- 2018 Should you go to graduate school? And when? Co-created and delivered workshop to undergraduate students. Clemson University

WORKSHOPS ATTENDED

Classroom and Lab Management; Inclusive Teaching; Fostering an Inclusive Classroom; Academic Continuity; Student Mental Health; Gen Z Students

COURSEWORK

Teaching Undergraduate Science; Communicating Biology to General Audiences; Engineering and Science Education Seminar

ADVISING

PROFESSIONAL EXPERIENCE

- 2017-2018 Graduate Intern, Cal Poly Science and Mathematics Academic Advising Center
Met with students to discuss future goals and class schedules. Served as an academic coach to five students.

MENTORSHIP

- 2020- Elizabeth Nowlin, field technician. Trained and supervised field activities. Provided guidance on professional development and graduate school.
- 2021 Katrina Sneed, summer intern. Guided through research project using coyote diet data.
- 2021 Keller Brogdon, summer intern. Guided through research project using small mammal survey data.
- 2021 Vanessa Patch, semester intern. Managed photo processing tasks, met biweekly to discuss progress and professional development.

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- 2020 Zoey Chapman, summer intern. Supervised independent research project, met biweekly to discuss progress and professional development.
- 2019 Erin McDaniel, mentee. Met weekly to discuss professional development.
- 2017 Sofia Carrillo, summer intern. Supervised and discussed professional development.

EQUITY AND INCLUSION

LEADERSHIP ROLES

- 2021-2022 Vice President, Latinx Graduate Student Association, Clemson University
- 2020-2021 Lead Finance Committee Member, Hispanic and Latinx Heritage Month, Clemson University. Raised \$14,000 from campus departments and colleges.
- 2020-2021 Co-Chair, Diversity Equity and Inclusion Committee, Natural Resources Graduate Student Association, Clemson University
- 2020-2021 Panelist then Moderator, *Grad School Chisme*: Graduate School Panel Aimed at Latinx Students, Clemson University
- 2017 Mentor, *Bridges to the Baccalaureate Program*, Cal Poly San Luis Obispo
- 2011-2013 Commissioner of Labor in the Office of the Student Body President, UC Santa Barbara

LEARNING

- 2021 *Natural Resource Conservation on Indigenous People's Land Course*, Clemson University
- 2021 Intercultural Development Inventory
- 2020 Attendee, *Enhancing Indigeneity on Campus Workshop*, Clemson University
- 2019 LGBTQ+ Ally Training, Clemson University
- 2019- Member, *Inclusion, Diversity, Equity and Awareness Working Group*, The Wildlife Society

SERVICE

- 2019-2020 Founder and Chair, Professional Development Committee, Natural Resources Graduate Student Association, Clemson University
- 2018-2019 Chair, Undergraduate Outreach Committee, Natural Resources Graduate Student Association, Clemson University
- 2018-2020 Graduate Advisor, Clemson University Chapter of the Wildlife Society

MANUSCRIPT REVIEWER

Southeastern Naturalist

OUTREACH

- 2020- [YouTube Channel](#), Wildlife Research and Techniques
- 2021 My Journey and Coyote Ecology in South Carolina. Advanced Placement Environmental Sciences Guest Lecture, Emerald High School, Greenwood SC
- 2020 Skype a Scientist, two grade school classrooms
- 2017-2018 K-12 Outreach, San Luis Obispo CA

PROFESSIONAL MEMBERSHIPS

- 2020- Society for the Advancement of Chicanos and Native Americans in Science
- 2018- Society for Conservation Biology
- 2017- The Wildlife Society
- 2017- Wild Felid Association

REFERENCES

Dr. David S. Jachowski

Assistant Professor, Department of Forestry and Environmental Science, Clemson University, South Carolina; 864-656-2138; djachow@clemson.edu

David Jachowski is my PhD advisor at Clemson University. He helps guide my research, gives me feedback on my writing, and provides wisdom. His primary research interests lie in mammal conservation and impacts from global change.

Dr. John D. Perrine

Professor, Biological Sciences Department, California Polytechnic University, San Luis Obispo 805-756-2368; jperrine@calpoly.edu

John Perrine was my master's thesis advisor. He helped me become a better writer, and encouraged me to challenge myself. His research interests lie in mammal ecology and conservation.

Kristi Weddige

Director and Academic Advisor, Cal Poly Science and Math Academic Advising Center 805-540-4861; kweddige@calpoly.edu

Kristi is a professional academic advisor and director of the academic advising center. We met weekly to debrief my meetings with students and talk about advising theory.