

# ALEX J. JENSEN

PHD STUDENT, CLEMSON UNIVERSITY, SOUTH CAROLINA  
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## EDUCATION

**PhD Student** Wildlife and Fisheries Biology, Clemson University, South Carolina

*Dissertation:* Coyote resource selection and spatial ecology in South Carolina

*Advisor:* Dr. David Jachowski | *Expected Graduation:* December 2022

*Coursework:* Carnivore Coexistence; Human Dimensions of Wildlife; Analysis of Fish and Wildlife Populations; Resource Selection; Conservation Leaders for Tomorrow

**M.S.** Biology, California Polytechnic University, San Luis Obispo

*Thesis:* Deer use of jumpout ramps and carnivore use of undercrossings along a highway with wildlife exclusion fencing

*Advisor:* Dr. John Perrine | *Graduation:* 2018

*Coursework:* Community Ecology; Advanced Behavioral Ecology; Applied Multivariate Statistics; Applied Experiment Design and Regression Models; Applied GIS; Environmental Physiology

**B.S.** Zoology, University of California, Santa Barbara

*Graduation:* 2013

## RESEARCH

**Lines of Inquiry:** Carnivore ecology and conservation, predator-prey interactions, spatial ecology, human-wildlife interactions, road-ecology, diversity and inclusion in ecology

## PUBLICATIONS

4. **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. *Attracting diverse students to field experiences requires adequate pay, flexibility, and inclusion.* BioScience. In revision.

3. **Jensen AJ**, JD Perrine, A Schaffner, R Brewster, AJ Giordano, M Robertson, N Siepel. *Quantifying Wildlife Use of Escape Ramps along a Fenced Highway.* Wildlife Society Bulletin. In review.

2. Marneweck C, AR Butler, L Gigliotti, S Harris, **AJ Jensen**, M Muthersbaugh, B Newman, E Saldo, K Shute, KL Titus, SW Yu, D Jachowski. *Shining the spotlight on non-apex carnivores: global status and threats.* Biological Conservation. In revision.

1. Cove M, R Kays, . . . , D Jachowski, **AJ Jensen**, . . . , W McShea. *SNAPSHOT USA 2019: the first coordinated national camera trap survey of the United States.* Ecology. In revision.

## **CONFERENCE PRESENTATIONS**

Attracting diverse students to field experiences requires adequate pay, flexibility, and inclusion  
*Presentation*, Society for the Advancement of Native Americans and Chicanos in Science, 2020

The First Range-wide Coyote Diet Meta-analysis  
*Presentation*, The Wildlife Society, 2020

Coyote and Deer Interactions in South Carolina Using Concurrent GPS Collars  
*Presentation*; South Carolina State Chapter of The Wildlife Society, 2019  
*Poster*; American Society of Mammalogists, Washington D.C., 2019  
*Poster*; The Wildlife Society, Reno, 2019

Deer use of jumpout ramps and wildlife use of undercrossings along a highway with wildlife exclusion fencing  
*Presentation*; The Wildlife Society 2018  
*Presentation*; North American Conference for Society of Conservation Biology 2018  
*Presentation (invited)*; Vertebrate Pest Conference 2018  
*Poster*; Western Section of the Wildlife Society 2018  
*Poster*; International Urban Wildlife Conference 2017

## **POSITIONS**

*Biological Technician*, Citrus Research Board, Riverside, CA 2014 – 2016  
*Research Assistant*, Parasitology Lab, Santa Barbara, CA 2012 – 2013  
*Zoology Intern*, Cheadle Center for Biodiversity and Ecological Restoration, Santa Barbara, CA 2011 – 2012  
*Biology Intern*, Storke Ranch Vernal Pools, Santa Barbara, CA 2010

## **EXPERIENCE**

*Field*: Wildlife cameras, GPS collars, radio telemetry, scat surveys, mammal chemical immobilization, animal handling, foothold traps, Sherman traps, point counts, bird and bat mistnetting, driving a 4x4 truck (and trailer), UTV, ATV  
*Analytical*: R, JMP, ArcMap, Google Earth Engine, TimeLapse2, digiKam, Tableau  
*Language*: Conversational Spanish

## **TEACHING AND MENTORSHIP**

### **COURSEWORK**

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

### **WORKSHOPS**

Data Storytelling; Classroom and Lab Management; Building Teams; Communicating to Large Audiences; Inclusive Teaching; Fostering an Inclusive Classroom; Academic Continuity; Student Mental Health; Gen Z Students

## **TEACHING ASSISTANT POSITIONS**

*Deer and Coyote Interactions Creative Inquiry*, Clemson University, SC 2019 – Present  
*Field Techniques in Wildlife Ecology*, Cal Poly, San Luis Obispo, CA 2017  
*Introduction to Ecology and Evolution Lab*, Cal Poly, San Luis Obispo, CA 2016 – 2018  
*Organismal Form and Function Lab*, Cal Poly, San Luis Obispo, CA 2016 – 2018

## **MENTORSHIP**

*Zoey Chapman*, summer intern, supervised independent research project, 2020  
*Erin McDaniel*, undergraduate student, met weekly to discuss professional development, 2019  
*Sofia Carrillo*, summer intern, supervised and discussed professional development, 2017

## **POSITIONS**

*Graduate Intern*, Cal Poly Science and Mathematics Academic Advising Center  
San Luis Obispo, CA 2017 – 2018

## **GUEST LECTURES**

*GPS Collar software*, Wildlife Techniques, Clemson University, 2019  
*How Roads Impact Wildlife*, Conservation Ecology, Cal Poly San Luis Obispo, 2017  
*Parasitoid wasps as a biocontrol agent for an important citrus pest*, Ecology, University of Redlands, 2015

## **SERVICE AND BROADER IMPACTS**

### **DIVERSITY AND INCLUSION**

*Co-Chair*, Diversity Equity and Inclusion Committee, Natural Resources Graduate Student Association, Clemson University, 2020 -  
*Committee Member*, Hispanic and Latinx Heritage Month, Clemson University, 2020  
*Panelist*, Graduate School Panel Aimed at Latinx Students, Clemson University, 2020  
*Member*, Latinx Graduate Student Association, Clemson University, 2020  
*Member*, Ethnic and Gender Diversity Working Group, The Wildlife Society, 2019 – Present  
*Trainee*, LGBTQ+ Ally Training, Clemson University, 2019  
*Mentor*, Bridges to the Baccalaureate Program, Cal Poly, 2017

### **SERVICE**

*Founder and Chair*, Professional Development Committee, Natural Resources Graduate Student Association, Clemson University, 2019 – 2020  
Planned and facilitated workshops on proposal writing, engaging scientific posters, and conferences.  
*Chair*, Undergraduate Outreach Committee, Natural Resources Graduate Student Association, Clemson University 2018 – 2019  
Planned and facilitated workshops on graduate school, finding a job, and resumes.  
*Graduate Advisor*, The Wildlife Society, Clemson University Chapter 2018 – 2020  
*Commissioner of Labor*, Associated Students, UC Santa Barbara, 2011 – 2013

### **OUTREACH**

*Skype a Scientist*, 2020  
*K-12 Outreach*, San Luis Obispo CA, 2017-2018

## AWARDS

Frederick Kinard Fellowship, Clemson University, 2020-2021, \$1,491  
Society for the Advancement of Chicanos and Native Americans in Science Conference 2020  
Registration Scholarship, \$165  
Research Funding, The Wildlife Society, Clemson University Equity and Inclusion, 2019, \$400  
Clemson University Graduate Student Travel Grant, 2018, \$750  
Vertebrate Pest Conference Student Presentation Award, 2018, \$500  
Cal Poly Graduate Education Travel Award, 2017 and 2018, \$500  
Santa Barbara Scholarship Foundation, 2017, \$3,000  
Aryan I. Roest Ecology Scholarship, Cal Poly, 2016, \$3,000

## PROFESSIONAL MEMBERSHIPS

The Wildlife Society  
Society for Conservation Biology  
Wild Felid Association  
Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)

## REFERENCES

### **Dr. David S. Jachowski**

Forestry and Environmental Sciences Professor, Clemson University, South Carolina  
864-656-2138; djachow@clemson.edu

David Jachowski is my PhD advisor at Clemson University. He has assisted me in developing my research questions and planning field work. His primary research interests lie in mammal conservation and related impacts from global change.

### **Dr. John D. Perrine**

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

John Perrine was my master's thesis advisor. We met weekly to develop my research questions, talk about data analysis, and solve problems. 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.