

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

Jensen AJ, JD Perrine, A Schaffner, R Brewster, AJ Giordano, M Robertson, N Siepel. Wildlife use of Jumpouts along a Highway with Exclusion Fencing. *Wildlife Society Bulletin*. In review.

CONFERENCE PRESENTATIONS

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

RESEARCH CONT.

POSITIONS

Biological Technician, Citrus Research Board, Riverside, CA 2014 – 2016

Research Assistant, Parasitology Lab, Santa Barbara, CA 2012 – 2013

Zoology Intern, Center for Biodiversity and Ecology, 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

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 Carillo, 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

Committee Member, Hispanic and Latinx Heritage Month, 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

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.

REFERENCES CONT.

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.