

# Jordan Ellison

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## Education

[jellison8640.github.io/site/](https://jellison8640.github.io/site/)

 @j\_ellison10

B.A. with Distinction in Organismal Biology & Ecology — May 2019

Colorado College — Colorado Springs, CO

Senior Thesis: "The Rodent Eats the Raptor: Impacts of Red Squirrels (*Tamiasciurus hudsonicus*) on Flammulated Owl (*Psiloscops flammeolus*) Nest Success and Habitat Selection"

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## Research Experience

Waterbird Monitoring Program Conservation Intern — January 2020-June 2020

Bahía de Kino, Sonora, Mexico — Prescott College Kino Bay Center

- Completed standardized surveys to monitor the status of waterbirds in the region
- Analyzed long-term data from consistent survey and nest monitoring efforts
- Collaborated with other internal community and conservation programs (Marine Mammal Monitoring, Environmental Education, etc.)

Fall Raptor Migration Technician — August 2019-October 2019

Chelan, WA — HawkWatch International

- Identified and counted migrating diurnal raptors in-flight
- Trapped raptors using lure birds and mist nets, Dho-ghazza nets and bow nets
- Presented raptors-in-hand to teach visiting college students and members of the general public about raptor ecology and conservation
- 24 raptors banded, several more handled

Field Research Assistant — Summers 2017-2019

Colorado Springs, CO — Colorado College Department of Organismal Biology & Ecology

- Searched for and monitored Flammulated Owl nests across four study areas
- Captured, handled and processed adults and nestlings
- Mentored and taught field skills to new technicians as crew lead in 2019
- ~60 owls banded, ~30 blood samples taken, 7 GPS tags attached (backpack method)

Volunteer Banding Assistant — Summers 2018-2019

Woodland Park, CO — Institute for Bird Populations MAPS Program Banding Station

- Assisted in mist-netting and processing of songbirds
- ~20 songbirds banded and extracted from mist nets

GIS Lab Technician — August 2017-May 2019

Colorado Springs, CO — Colorado College Office of Information Technology

- Troubleshoot and problem solved to teach students basic to advanced geospatial skills
- Created, analyzed and managed large vector and raster datasets
- Communicated and visualized geographical information across various disciplines
- Prepared workflows and labs, as well performed demonstrations for classes

Senior Thesis — Fall 2018-Spring 2019

- Completed distance sampling along line transects to estimate Red Squirrel density
  - Detected Red Squirrels using visual and auditory observations
  - Used R to analyze a large dataset associated with a long-term ecological study on Flammulated Owls
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## Teaching Experience

Program Assistant — October 2019-December 2019

Costa Rica and Belize — Colorado College Fall Semester Away Program

- Helped plan and supervise daily lessons and activities for an introductory tropical ecology course
- Communicated biological and ecological themes and theories to first-year students
- Found and identified a variety of plants, birds, insects, fish and other animals in tropical forests and coral reefs

Student Tutor— Fall 2017

Colorado Springs, CO — Colorado College Department of Organismal Biology & Ecology

- Conducted review sessions with an introductory ecology class and worked individually with students

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## Conference Presentations

**Ellison, J.T.** and Linkhart, B.D, Effect of Nest Predation on Nest Site Selection of Flammulated Owls (*Psiloscops flammeolus*). Poster Presentation at 2020 North American Ornithological Conference, Virtual. August 2020.

**Ellison, J.T.** and Linkhart, B.D, The Rodent Eats the Raptor. Oral Presentation at Colorado College's annual Organismal Biology and Ecology meeting. Colorado Springs, CO. March 2019.

**Ellison, J.T.** and Linkhart, B.D, Does risk of predation affect nest site selection of Flammulated Owls (*Psiloscops flammeolus*)? Poster Presentation at Midstates Undergraduate Research Symposium, University of Chicago, Chicago, IL. November 2018.

**Ellison, J.T.** and Linkhart, B.D, How does proximity to predator activity centers affect nest site and success in Flammulated Owls (*Psiloscops flammeolus*)? Poster Presentation at GIS in the Rockies, Geospatial Conference of the Rocky Mountain West, Denver, CO. September 2018.

**Ellison, J.T.** and Linkhart, B.D, How does proximity to predator activity centers affect nest site and success in Flammulated Owls (*Psiloscops flammeolus*)? Poster Presentation at Colorado Springs Undergraduate Research Forum (CSURF), Colorado Springs, CO. April 2018.

Dorwart, L.D., **Ellison, J.T.**, Linkhart, B.D, Stein, E.S., Environmental and ecological impacts of Flammulated Owls (*Psiloscops flammeolus*) in the Pikes Peak Region. Poster Presentation at Summer Collaborative Research Symposium, Colorado Springs, CO. September 2017.

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## Awards

Gratis Membership, American Ornithological Society (AOS) — September 2020

Awarded in place of NAOC 2020 travel award in support of Diversity and Inclusion

Student Membership Award Recipient, American Ornithological Society (AOS) — January 2020

The Jim Enderson Award in Conservation Biology, Colorado College Dept. of Organismal Biology & Ecology — May 2019

This award in honor of Professor Jim Enderson is awarded to a student who has shown commitment and productivity in an original research project in conservation biology.

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## Skills

- Safely capture, handle and process diurnal raptors, small owls and songbirds
- Identify North American birds by sight and sound
- Identify various herbs, shrubs, and trees found in Western North America

- Apply statistics to answer biological questions
  - Proficient with R to manipulate, analyze and visualize data
  - Work efficiently with Geographic Information Systems (GIS) using ESRI Products
  - Functional knowledge to work with and analyze spatial data in R
  - Proficient in Microsoft Office in English and Spanish
  - Fluency in speaking and writing Spanish
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## **Other Work Experience**

Student Photographer — August 2018-May 2019; August 2016-May 2017

Colorado Springs, CO — Colorado College Office of Communications

- Photographed school events, activities and daily life for print and online publications

Resident Advisor — August 2017-May 2018

Colorado Springs, CO — Colorado College Office of Residential Life and Activities

- Built an inclusive community supporting 23 first- and second-year students in a large residence hall

Tour Guide — September 2016-September 2017

Colorado Springs, CO — Colorado College Office of Admissions

- Represented Colorado College while providing campus tours to prospective students and parents

Painting Intern — Summer 2016

Colorado Springs, CO — Leiser Painting

- Prepped and painted the interior/exterior of residential and commercial properties
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## **Professional Affiliations**

American Ornithological Society (AOS)

Society Advancing Chicanos/Hispanics & Native Americans in Science (SACNAS)

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## **Professional Development**

Diversity Preview Weekend Participant, Cornell University — September 2020

Depts. of Ecology & Evolutionary Biology and Entomology, and School of Integrative Plant Sciences

Invited Workshop Participant, PROGRESS (PROmoting Geoscience Research, Education and SucesS) — October 2016

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**\*References available upon request.**