Christine S. Lord

Graduate Student

As a personable and resourceful graduate student, I bring extensive experience in ecology and natural resource management from both undergraduate and postgraduate work. My background includes months of direct wildlife technician fieldwork and research, as well as experience in zoological settings and practices. I possess a clear and concise understanding of GIS and its wide range of applications, and I am proficient with ESRI products, computer programming languages, data management, and cartography.

✉ Christineslord1@gmail.com   ▯ (918) - 914 - 3653   📍 Oklahoma City   ▦ GitHub   🔗 LinkedIn

Skills

- Field Work
- Computer Programming
- SQL
- Critical Thinking
- Detailed and Organized
- Wildlife Handling
- Data Organization & Collection
- Leadership & Management
- Python
- ArcPro
- R
- Adaptable & Innovative
- Excellent Communication

Work Experience

Animal Caretaker - Ungulates

Oklahoma City Zoo and Botanical Garden

Jan/2024 - Present

- Provided routine care on a variety of species including Giraffes, Nile Lechwe, Eland, Zebra, Wildebeest, Red River Hogs, and Okapi.
- Formally trained in shifting protocols, and related animal management.
- Trained staff members on various animal areas, supervised volunteers.
- Participated in zoo related research and conservation activities.
- Aided veterinary staff with anesthesia procedures, and other routine animal workups.
- Participated in animal training regarding hoof care, and voluntary injections.
- Collaborated with fellow team members daily and communicated clearly and efficiently.

Field Technician - Bobcat Research Project

Oklahoma State University

Jan/2021 - May/2021

- Utilized GPS units to locate over 110 hair snare traps across three different wildlife management areas.
- Involved in the planning and mapping of transects for snare placement.
- Managed trail cameras and related data to I.D individual bobcats.
- Handled small to large wild rodents during field work for prey abundance and diversity.

Field Technician - Black Bear

Oklahoma State University

May/2020 - Aug/2020

- o Firsthand experience humanely trapping black bears for research purposes.
- o Used chemical immobilizing agents such as "BAM" along with reversal agents.
- o Collected biological samples such as fur, blood, teeth, and skin.
- o Attached GPS tracking collars to bears that were within a certain weight range.
- o Worked in remote locations with limited to no cellphone service.
- o Utilized 4WD vehicles in a variety of challenging road conditions.
- o Responsible for resetting traps and releasing any bycatch.

Field Technician - Mourning Dove Bander

Kansas Department of Wildlife and Parks

- o Built and deployed modified knifing traps to exact specifications and requirements.
- o Maintained and prepared trapping locations.
- o Banded Mourning Doves using proper banding equipment.
- o Organized and wrote large data sheets within excel, pertaining to dove's hatch year, sex, and molt limit.
- o Checked for errors and redundancies in data using a pivot table.
- o Aided in the trapping of resident Canada Geese with team members which involved using a kayak to herd geese towards the shoreline.

Education

M.S Geography and Environmental Sustainability

University of Oklahoma - College of Atmospheric & Geographic Science

Jan/2024 - Present . . . . GPA 3.8

Courses:

- o Spatial Statistics
- o GIS Applications
- o Remote Sensing
- o Spatial Programming

B.S Natural Resource Ecology & Management

Oklahoma State University - Ferguson College of Agriculture

Aug/2025 - Dec/2019 . . . . GPA 3.4

Courses

- Wetlands
- Population Biology
- Wildlife Management Techniques
- Field Botany

HONOR AWARDS

Aug/2016 - Aug/2018

Regents Distinguished Transfer Student Scholarship

CERTIFICATES

- S - 130 Firefighter Training (Jan/2019)
- L - 180 Human Factors in the Wildland Fire Services (Jan/2019)
- S - 190 Introduction to Wildland Fire Behavior (Jan/2019)

PERSONAL PROJECTS

All recent projects are linked here: https://christineslord.github.io/Christines_Portfolio/

Analyzing Snow Water Equivalent in Popular Ski Areas

Aug/2024 - Dec/2024

- Completed a GIS applications project during the fall graduate semester.
- Downloaded weather station data and used geostatistical methods to estimate snowpack loss from the years of 2000 and 20023.
- Developed understanding of kriging and IDW geostatistical methods.
- View the project at: https://arcg.is/1XuSya0.

Discovering Colorado's Freshwater Emergent and Forested Wetland Areas by Size and County

Aug/2024 - Dec/2024

- Implemented a search cursor within python to list wetland size after requiring user input.
- Created and imported modules into Jupyter Notebook within ArcGIS Pro.
- Automated python code to run simple ArcPro tools.

Interests

- Radio Telemetry
- Remote Sensing
- Ecology & Conservation
- Human/Wildlife Interface
- Climate Change
- Mapping & Photography
- Professional Research
- Wetland Delineations
- Environmental Policy

Internships & Volunteer Experience

Pre-Veterinary Internship

Oklahoma State Veterinary Teaching Hospital

Jan/2018 - May/2018

- o Developed scientific writing skills to write case studies and reports for patients.
- o Handled large livestock, and small animals.
- o Shadowed and aided vet staff and students.

Carnivore Intern

Oklahoma City Zoo & Botanical Garden

June/2017 - Aug/2017

- o Prepared and organized diets for over thirty different animals.
- o Created a behavioral study to address the pacing pattern of a Tayra (*Eira barbara*).
- o Supervised volunteers.
- o Performed keeper chats and communicated with the public about tiger conservation, and natural history.

Grey Snow Eagle House Volunteer

Grey Snow Eagle House

Aug/2016 - May/2017

The Iowa Tribe of Oklahoma focuses on eagle and bird conservation and rehabilitation.

- o Cared for bald eagles, golden eagles, hawks, kites, and crows.
- o Husbandry, outreach, and educational events.

References Available Upon Request