

Iris Foxfoot

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EDUCATION

Master of Environmental Science and Management 3.91 GPA (expected June 2022)

Bren School of Environmental Science & Management – University of California, Santa Barbara

Specialization: Conservation Planning | Focus: Data Science

Funding: Forest Sustainability Fellow (Awarded \$22,325 annually) | Wonderlabs Design Challenge (\$10,000 awarded to master's group project)

Highlighted Courses: Environmental Writing, Conservation Planning, Business and the Environment, Environmental Law, Geographic Information Systems, and Advanced Data Analysis

Bachelor of Arts in Global Studies, Minor in Anthropology 3.91 GPA (June 2015)

University of California, Santa Barbara

Concentration: Latin American Studies

Honors: Dean's Honor List, Highest Honors | Top 2.5 percentile of the class

MASTER'S GROUP PROJECT

Kindling Equity, Ventura County, CA (3/21-Present)

Role: Co-Data Manager | **Client:** Ventura County Regional Fire Safe Council

- Partnered with four graduate students and the Ventura County Regional Fire Safe Council to assess where socio-economic vulnerability and high wildfire risk overlap using qualitative survey methods and statistical analysis of US Census data
- Modeled wildfire risk and wildfire risk mitigation efforts to update Ventura County's Community Wildfire Protection Plan to include residents equitably in the disaster planning process

LEADERSHIP AND PROJECT DESIGN EXPERIENCE

Educational Guide (5/19-6/21, 6-15 hours per week)

Gateway Mountain Center, Truckee, CA

- Mentored two youths, identified by the school district as being in danger of being left behind during online learning, by collaborating with their teachers to identify their academic needs, meeting with them weekly to provide one-on-one support, and monitoring their mental wellbeing via monthly electronic surveys and weekly in-person check-ins
- Guide diverse groups of 8-12 students in the high sierra, creatively delivering nature-based lessons to foster an applied understanding of natural sciences and an appreciation of nature

Project Manager (7/17-8/18, 45 hours per week)

Guassa Gelada Research Project, Ethiopia

- Coordinated the in-country project budget, including staff paychecks, staff health insurance, food, transportation, and equipment, using Excel and paper documents to meet financial goals
- Designed a system to organize receipts and a system to track receiptless transactions to better monitor and document spending. This information was used to apply to and qualify for grants
- Oversaw a team of 5 Ethiopian scouts in the Guassa conservation area, delegated to meet daily and monthly data collection objectives, and resolved issues in Amharic
- Managed incoming data stored in Excel files, composed weekly and monthly reports to keep the primary investigators up to date, guided research priorities based on their feedback
- Censused over 200 gelada monkeys to individually track their behavior and demographics and conducted habitat and food source surveys as part of long-term research priorities
- Co-authored two papers, published in peer reviewed journals, detailing previously unstudied aspects of gelada ecology based on the data collected

Independent Researcher, Raptor Predation (1/18-8/18, 3 hours per week)**Guassa Gelada Research Project**, Ethiopia

- Designed and implemented a research project using point-counts recorded on customized digital datasheets to answer the following research question: Do raptors have increased foraging success when they hunt in proximity to gelada monkeys?
- Conducted point-counts of raptors within the proximity of gelada herds and returned when the geladas were absent to collect control point-counts, recorded all instances of rodent predation during observation periods. Used R-studio to analyze and visualize resulting data

WILDLIFE EXPERIENCE**ORISE Fellow** (5/20-9/20, 6/21-8/21, 40 hours per week)**USFS Region 5**, Placerville, CA

- Trapped and ear-tagged mice, squirrels, chipmunks, voles, etc. for capture-mark-recapture analysis to determine the effect of fuels reduction methods on small mammal populations
- Conducted vegetation surveys paired with wildlife survey points to determine the fuel load and regeneration rate of forests at wildlife study points

Volunteer Wildlife Technician (2/19, 40 hours per week)**USFS Kings River Fisher Project**, Shaver Lake, CA

- Recorded the location of collared fishers using radio telemetry and a GPS to evaluate habitat use and to identify their denning sites
- Installed and checked a trap-lines using snowshoes during a three-week intensive trapping season. Released non-target species and assisted with GPS collaring and processing of adult fishers

SCA Wildlife Intern (5/16-9/16, 7/18-10/18, 40 hours per week)**U.S. Forest Service Fisher Project**, Shaver Lake, CA

- Installed Primary Sampling Units consisting of camera stations, trackplate boxes, and hair snares in Sierra and Sequoia National Forests to determine the presence/absence of carnivores
- Camped and backpacked for 4-day hitches, navigated off-trail using a map, GPS, and compass to install and service a cluster of 10-12 Primary Sampling Units
- Collected and identified tracks, photographs, and fur for genetic analysis of vulnerable species
- Labeled and tagged camera station photos using Daminion software for database entry, entered all data into Access database

PUBLICATIONS

Venkataraman VV, Miller CM, **Foxfoot I**, et al. Epizoochorous seed dispersal by an Afromontane savanna primate. *Biotropica* (in revision)

Lin, B, **Foxfoot, IR**, Miller, CM, et al. [Leopard predation on gelada monkeys at Guassa, Ethiopia. *Am J Primatol.* 2020; 82:e23098.](#)

SKILLS, HONORS, AND CERTIFICATES

Computer Skills: Microsoft Office (Word, PowerPoint, Excel, Access), R-script, QGIS

Honors: NSF, Graduate Research Fellowship Program Honorable Mentions (2019)

Certifications: Child/Adult CPR, AED and First Aid Certified (2019); Certified Wilderness First Responder (NOLS, 2016, 2019); Epinephrine Auto-injector Certified (NOLS, 2016, 2019)

ADDITIONAL EXPERIENCE

Cocktail Server, Bar of America, Truckee, CA (4/19-3/20)

Indoor Team Member, Sugar Bowl Ski Resort Ski and Board School, Norden, CA (11/19-4/20)

Server, Sugar Bowl Ski Resort Hotel, Norden, CA (11/16-4/17, 11/18-4/19)