

Jennifer A. Feltner, Ph.D.

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Currently based in Missoula, MT

EDUCATION

University of Montana (UM), Missoula MT

Ph.D., Wildlife Biology, Aug 2016- Apr 2021. Cum. GPA: 4.0

- Dissertation: Effects of wolf (*Canis lupus*) and grizzly bear (*Ursus arctos horribilis*) recovery on cougars (*Puma concolor*) in a multi-use system
- Committee: Dr. L. Scott Mills (advisor), Dr. Mark Hebblewhite, Dr. Paul Lukacs, Dr. Michael Mitchell, Dr. Hugh Robinson, Dr. Mark Elbroch (Panthera), Dr. Daniel Thompson (Wyoming Game & Fish Department)

North Carolina State University (NCSU), Raleigh NC

Graduate coursework, Fish and Wildlife Biology, Sep 2014-Jul 2016. Cum. GPA: 4.0

- Transferred to UM with advisor in Aug 2016

San Diego State University (SDSU) / University of California, Davis, San Diego CA / Davis CA

Graduate coursework, Ecology, Aug 2013-Aug 2014. Cum. GPA: 3.94; Credits earned: 15

Colorado State University (CSU), Fort Collins CO

Post-Bac. coursework, Wildlife and Conservation Biology, Jan 2011-May 2012. Cum. GPA: 4.0

Dartmouth College, Hanover NH

B.A., Chinese Language and Literature (Cum Laude), Sep 1997-Jun 2001. Cum. GPA: 3.52;

PROFESSIONAL EXPERIENCE

Project consultant

Natural Resources Institute Finland

Helsinki, Finland
Apr 2021-present

- Advise Finnish scientists and government officials on determining a Favourable Reference Population (FRP) for the Finnish wolf population; provide feedback on population viability assessments; review and edit English reports commissioned by the Finnish government
- Reaching and maintaining an FRP for wolves is mandated by the European Union's Habitats Directive, a body of laws that ensures the conservation of rare, threatened or endemic species in EU member states
- Meet with scientists and managers in Finland, Sweden and Norway, review reports and publications in Finnish and English

PhD Graduate Research Assistant / NSF Graduate Research Fellow (GRF)

University of Montana / North Carolina State University

Missoula MT / Raleigh NC
Sep 2014-Jul 2021

- Designed, managed and led all aspects of a study on the direct and indirect effects of wolf and grizzly bear recovery on cougars in the southern portion of the Greater Yellowstone Ecosystem (GYE)
 - Study incorporated > 16 years of location data from Very High Frequency (VHF) and Global Positioning System (GPS) collared cougars, wolves, grizzly bears and elk (*Cervus canadensis*), representing > 3 million locations from hundreds of animals, as well as predation (> 2000 kills), population and remote camera trap data from cougars
 - Built and maintained collaborative relationships and data sharing agreements with Panthera, Craighead Beringia South, the National Park Service, U.S. Fish and Wildlife Service, the U.S. Geological Survey and Wyoming Game and Fish Department to use cougar, wolf, grizzly bear and elk data in dissertation research; continuing to work with all project collaborators to review and publish dissertation chapters
 - Employed data management techniques to clean, update and organize extensive 17-year cougar location, predation, population and capture data sets and >16-year location and

- capture data sets for wolves, grizzly bears and elk using Access, Excel, ArcGIS and Program R
- Designed and led data analysis including the development of hundreds resource selection functions (RSFs) at multiple temporal and spatial scales for cougars, wolves, grizzly bears and elk, diet analysis for cougars and multiple analyses investigating the effects of food stealing (kleptoparasitism) by wolves and bear species on cougars using Program R and ArcGIS
 - Developed numerous environmental and anthropogenic spatial covariates for RSF models using Program R and ArcGIS; collaborated with scientists at the University of Wyoming and Colorado State University to obtain and develop time varying spatial covariates for forage quality for ungulates (e.g., NDVI, spring green up) and climatic variables (e.g., daily snow depth, temperature)
 - Conducted fieldwork with the Teton Cougar Project (*Panthera*) in Kelly WY
 - Tracked cougars using satellite and radio telemetry and snow tracking
 - Conducted investigations of cougar kill and bed sites, determined cougar displacement from kills by other large carnivores using sign or remote cameras, IDed plant and vegetation communities at kill and bed sites
 - Assisted with cougar capture, immobilization and collaring
 - Aided field team leader with all aspects of running the project
 - Supervised interns and M.S. students
 - Operated 4 X 4 truck and snowmobile, towed trailers
 - Conducted vehicle and equipment maintenance
 - Collected soil and vegetation samples from cougar kill sites
 - Completed >150 hours on the ground training in mammal, bird, and plant ID in Northwest Wyoming
 - Met and coordinated field work and research with land owners, federal or state agency personnel, project funders
 - Participated in public outreach activities with residents and visitors to the Jackson hole area
 - Conducted fieldwork with Wyoming Game & Fish Department
 - Assisted ungulate and disease specialist biologist with retrieving elk vaginal implant transmitters (VITs) and documenting parturition (birth) sites
 - Reached remote birth sites on horseback
 - Attended and participated in numerous public meetings run by Wyoming Game & Fish Department or the Interagency Grizzly Bear Study Team on the management of cougars, wolves, grizzly bears and elk in Wyoming and the GYE
 - Conducted research on the global phenology distribution of coat-color changing mammal species, leading to a publication in *Science* (See **Publications** section)
 - Initiated global data collection efforts for georeferenced descriptions of winter coat color from 2,713 specimens
 - Assisted in mapping polymorphisms in winter coat color for multiple species using Program R and ArcGIS
 - Contributed to writing, editing and figure preparation for study
 - Helped manage media contacts, interviews and coverage of *Science* paper
 - Awarded a National Science Foundation (NSF) Graduate Research Fellowship (GRF) providing ~\$138,000 of funding
 - Presented my research and its application to wildlife management decisions, both orally (See **Presentations** section) and in professional peer reviewed publications (See **Publications** section) to a variety of local, national and international audiences including academic researchers, managers, funders, potential donors and the general public
 - Served as Teaching Assistant for three semesters (20 hours weekly, 16 weeks per semester):
 - BIOB 475 Mammalogy (Spring 2020, 4 credit course)
 - Lead two weekly lab sections (30 students total) covering the mammalian orders of Montana including skull and skin ID, convergent evolution, track and sign identification, specimen preparation and statistical analysis
 - Photographed and recorded videos of all specimens used in class for remote learners

- Managed online content and exams for remote learners
- Created a supplemental lecture on mammal track and sign ID for students
- Graded weekly field journals, class projects and exams
- Wrote all exams
- Mentored students having difficulty in class
- Hybrid course – remote and in person
- BIOB 272 Genetics and Evolution (Spring 2019 & 2021, 3 credit course)
 - Lead three weekly lecture & discussion sections (45 students total) on genetics and evolution and real-life applications of these fields in human health, medicine, agriculture, and wildlife conservation
 - Graded weekly homework and lecture exams
 - Aided instructor in writing exam questions
 - Mentored students having difficulty in class
- Designed and managed professional websites and social media outreach for the Mills lab, myself and lab collaborators:
 - www.umt.edu/research/millslab/default.php
 - www.jenniferfeltner.com
 - www.elephantorigins.com
- Assisted advisor in planning and organizing lab meetings
- Mentored numerous undergraduate, M.S. and Ph.D. students at UM and other universities
 - Trained students in fieldwork techniques
 - Assisted with study design, analysis and writing
 - Advised students on building confidence and independence as scientists
 - Provided support and resources to students struggling with mental health issues
- Assisted Post-doc in stress physiology study of captive snowshoe hares (*Lepus americanus*) (May 2015, 6 hours total)
 - Collected and sorted scat samples prior to lab analysis
- Assisted M.S. student in fieldwork for snowshoe hare project in West Virginia (Nov 2014, 32 hours total)
 - Trapped, collared and released snowshoe hares
 - Documented coat color molting in individual hares
 - Met with state and federal agency personnel and local hunters to coordinate work

Project consultant

Stockholm, Sweden

Swedish Environmental Protection Agency

Apr 2015-Nov 2015

- Co-authored a review of population viability assessments and management of the Scandinavian wolf population in Sweden and Norway and appropriate science-based criteria for achieving a Favorable Reference Population (FRP) for the Scandinavian wolf population
- Reaching and maintaining an FRP for wolves is mandated by the European Union's Habitats Directive, a body of laws that ensures the conservation of rare, threatened or endemic species in EU member states
- Reviewed reports and publications in Swedish, Norwegian and English, coordinated with scientists and managers in Sweden and Norway, synthesized information and wrote a final report for Swedish government
- Met with scientists and government officials and presented findings at a series of meetings in Stockholm, Sweden in Aug 2015

Graduate Research Assistant

San Diego CA

San Diego State University

Aug 2013-Aug 2014

- Conducted research on the habitat use and occupancy of grey snub-nosed monkeys (*Rhinopithecus brelichi*) in Fanjingshan National Nature Reserve (FNNR), Guizhou, China
- Met with FNNR officials in China to plan fieldwork and data collection
- Conducted field work and vegetation sampling in FNNR for one week (40 hours total)

Biological Technician

Fort Collins CO

Mammals Research Program, Colorado Parks and Wildlife

May-Oct 2012; Apr-Aug 2013

- Tracked bighorn sheep (*Ovis canadensis*) using radio telemetry; recorded observations, monitored health of lambs, investigated mortalities and performed field necropsies; entered and managed tabular and spatial data using Access, Excel and ArcGIS
- Conducted predator surveys using camera traps, calls and direct observations and aided in design of predator survey protocols; IDed plant and vegetation communities at survey sites
- Carried out research on use of remote sensing data in wildlife habitat analysis; downloaded and processed LANDSAT imagery
- Documented effects of wildfires on sheep
- Conducted aerial telemetry using fixed-wing aircraft
- Assisted in cougar and black bear (*Ursus americanus*) captures (using traps, scent hounds or ground darting) including bait preparation, chemical immobilization and animal handling and examination, kill-site investigations and camera trap set up
- Trained in dart gunning
- Operated 4 x 4 vehicle, towed trailers
- Conducted vehicle and equipment maintenance

Field and Lab Assistant

Baja California, Mexico / Escondido CA

Institute for Conservation Research, San Diego Zoo

Mar – Apr 2013

- Documented presence and travel corridors for Peninsular desert bighorn sheep (*Ovis canadensis nelsoni*) and cougars using camera traps and ground surveys in Baja California
- Prepared scat samples for PCR and DNA extraction in lab in California

Field Technician

Fort Collins CO

Colorado State University

Aug 2011- Apr 2012

- Checked, repaired and installed camera traps for wildlife disease study of cougars, bobcats (*Lynx rufus*) and domestic cats (*Felis catus*)
- Downloaded photos, managed and updated databases and schedules
- Operated 4 x 4 vehicle

Work-study Technician

Fort Collins CO

Mammals Research Program, Colorado Parks and Wildlife

Jul 2011- Apr 2012

- Entered and managed tabular and spatial data using Access, Excel and ArcGIS for studies on the ecology and management of cougars, black bears and lynx (*Lynx canadensis*)
- Identified species from camera trap images
- Collected and processed tissue, bone and hair samples for stable isotope, genetic and disease analysis from black bears, cougars, mule deer (*Odocoileus hemionus*), bighorn sheep and bats (*Myotis spp.*)
- Assisted in cougar and black bear captures (using traps, scent hounds or ground darting) including bait preparation, chemical immobilization and animal handling and examination, kill-site investigations and camera trap set up
- Conducted research on relocation as a management tool for problem cougars, cougar resource selection and habitat suitability modeling; produced initial spatial model for potential relocation sites using ArcGIS

Lab Assistant

Fort Collins CO

Colorado State University

May - Aug 2011

- Performed daily care of animals in frog lab
- Aided in nocturnal fieldwork and capture of specimens for speciation study of chorus frogs (*Pseudacris maculata*)

Volunteer Research & Field Assistant
Fundación Omacha

Vichada, Colombia
Jun 2009 – Jan 2011

- Designed and implemented mammal monitoring survey using camera traps
- Conducted line transect surveys of river dolphins (*Inia geoffrensis*)
- Aided visiting biologists with field inventories of herpetofauna, fish, birds and plants
- Assisted in behavioral study, rehabilitation and care of juvenile jaguar (*Panthera onca*) prior to soft release in El Tuparro National Park; captured prey species and collected prey scat for pre-release conditioning process
- Led and supported environmental education programs for local children in Puerto Carreño
- Performed care for numerous plant species in nursery for vegetation restoration & other projects
- Provided remote assistance on research for anti-wildlife trafficking campaign, felid reintroductions and human-wildlife conflict and editing and translation of scientific reports and online content

Volunteer Research Diver
Centre for Marine Studies

Utila, Honduras
Mar – Apr 2009

- Attended week-long course on tropical marine ecology and field techniques
- Conducted dive surveys evaluating population dynamics, distribution and health of reef fish, invertebrates, corals, dolphins and whale sharks (*Rhincodon typus*); monitored spawning aggregations of groupers (Subfamily *Epinephelinae*)
- Assisted in community education and awareness initiatives with local dive shops, tourists and residents

Volunteer Field & Conservation Assistant

Southern Arizona / Northern Sonora, Mexico

**University of Arizona (UA), The Nature Conservancy (TNC), Bureau of Land Management (BLM),
Northern Jaguar Project (NJP), Sky Island Alliance (SIA)**

Sep 2008 – Mar 2009

- Conducted fieldwork for several occupancy, movement and diet studies of cougars, bobcats, ocelots (*Leopardus pardalis*) and jaguars in the Arizona-Mexico borderlands using camera traps and other noninvasive data collection techniques (UA & SIA)
- Led a large-scale land survey project in San Pedro National Riparian Conservation Area to document breaks and human or cattle caused damage to area boundary fencing (BLM & TNC)
- Assisted organizations and researchers on various projects through grant writing, research, ecological monitoring, data analysis, event planning, writing/editing and capacity building support (UA, TNC, BLM & NJP)
- Conducted vegetation surveys on conservation easements (TNC)
- Completed >100 hours on the ground training in mammal, bird, and plant ID in Sonoran desert ecosystems

Northeast Fisheries Aquarium Intern
National Oceanographic & Atmospheric Administration

Woods Hole MA
Apr-May 1997

- Assisted in all aspects of running aquarium including daily care of fish, invertebrates and marine mammals; directed and educated visitors; monitored traps for marine specimens in Vineyard Sound

FELLOWSHIPS, GRANTS AND AWARDS

2020	W. A. Franke Scholarship, UM (\$5000)
2020	University of Wyoming- National Park Service Small Grant (\$5000)
2019	Graduate Student Travel Grant, The Wildlife Society, Wyoming Chapter (\$500)
2019	Bertha Morton Scholarship, UM (\$3000)
2019	Peterson Family Scholarship, UM (\$1300)
2019	Les Pengelly Scholarship, UM (\$2600)
2018	Graduate Student Scholarship, The Wildlife Society, Wyoming Chapter (\$1000)
2018	G.M. "Monk" DeJarnette Scholarship, UM (\$700)
2016	Wild Felid Legacy Scholarship, Wild Felid Research and Management Association (\$1000)
2014	Harold & June Grant Memorial Scholarship, SDSU (\$1000)
2014	National Science Foundation Graduate Research Fellowship (\$138,000)

2012	Text Book Award for Academic Potential, CSU (\$400)
2000	Dickey International Internship Award, Dartmouth (\$3000)
2000	Presidential Research Scholarship, Dartmouth (\$1500)
1998	Alfred P. Jenks Scholarship for Academic Achievement, Dartmouth (\$2000)

PUBLICATIONS

Reinking, A.K., S. H. Pedersen, K. Elder, N. T. Boelman, T.W. Glass, B.A. Oates, S. Bergen, S. Roberts, L.R. Prugh, T.J. Brinkman, M.B. Coughenour, **J.A. Feltner**, K. J. Barker, T.W. Bentzen, A.O. Pedersen, N.M. Schmidt, and G.E. Liston. *In Review*. Collaborative snow-wildlife science: Integrating snow and wildlife expertise to improve research and management. *Ecosphere*.

Feltner, J.A. 2021. Effects of wolves and grizzly bears on cougars in a multi-use system. PhD Dissertation. UM, Missoula, MT, USA.

Mills, L.S., E. Bragina, A.V. Kumar, M. Zimova, D.J.R. Lafferty, **J.A. Feltner**, B. Davis, K. Hackländer, P.C. Alves, J.M. Good, J. Melo-Ferreira, A. Deitz, A.V. Abramov, N. Lopatina, and K. Fay. 2018. Winter coat color polymorphisms identify global regions of active climate mediated evolution. *Science* 359:1033–1036.

Elbroch, L.M., **J.A. Feltner**, and H. Quigley. 2017. Human-carnivore competition for antlered ungulates: Do pumas select for bulls and bucks? *Wildlife Research* 44(6-7):523-533.

Feltner, J.A. 2017. Intraguild competition following wolf and grizzly bear recovery in the southern Greater Yellowstone Ecosystem: Assessing impacts to cougars. *The Wild Felid Monitor* 10(2):18.

Elbroch, L.M., **J.A. Feltner**, and H. Quigley. 2017. Stage-dependent puma predation on dangerous prey. *Journal of Zoology*. DOI:10.1111/jzo.12442.

Mills, L.S. and **J.A. Feltner**. 2015. An updated synthesis on appropriate science-based criteria for “favorable reference population” of the Scandinavian wolf (*Canis lupus*) population. Pages 116-152 in Interim report of the government commission to investigate the favorable reference population of wolves. Swedish Environmental Protection Agency, Stockholm, Sweden.

PRESENTATIONS

Feltner, J.A. April 2021. Using track and sign to study cougar ecology and large carnivore competition. University of Montana Student Chapter of the Wildlife Society, Missoula, MT.

Feltner, J.A. April 2021. Dissertation Defense: Effects of wolves and grizzly bears on cougars in a multi-use system. WILD 594: Graduate Seminar in Wildlife Biology, University of Montana, Missoula, MT.

Reinking, A.K., G.E. Liston, K. Elder, S. H. Pederson, **J.A. Feltner**, and K. J. Barker. November 2019. Incorporating more (and better) snow science in wildlife research. The Wyoming Chapter of the Wildlife Society and Wyoming Wildlife Federation 2019 Conference, Sheridan, WY.

Feltner, J.A., M. Elbroch, P. Alexander, H. Quigley and L.S. Mills. November 2019. Assessing cougar habitat and kill site selection as wolf and grizzly bear populations increased in the Southern Greater Yellowstone Ecosystem (SGYE). The Wyoming Chapter of the Wildlife Society and Wyoming Wildlife Federation 2019 Conference, Sheridan, WY.

Feltner, J.A. September 2019. Assessing the impacts of increasing wolf and grizzly bear populations on the habitat selection and foraging patterns of cougars in the Southern Greater Yellowstone Ecosystem (SGYE). American Fisheries Society and the Wildlife Society 2019 Joint Annual Conference, Reno, NV.

Feltner, J.A. September 2019. My “non-traditional” path to graduate school in wildlife biology. WILD 170, Fish & Wildlife Interest Group, University of Montana, Missoula MT.

Feltner, J.A. March 2019. Research in progress: Assessing the impacts of increasing wolf and grizzly bear populations on the habitat selection and foraging patterns of cougars in the Southern Greater Yellowstone Ecosystem (SGYE). Jackson Hole Wildlife Symposium, Jackson, WY.

Feltner, J.A. February 2019. Research in progress: Assessing the impacts of increasing wolf and grizzly bear populations on the habitat selection and foraging patterns of cougars in the Southern Greater Yellowstone Ecosystem (SGYE). Annual Conference, Montana Chapter, The Wildlife Society, Helena, MT. (**Winner, Best Graduate Student Poster Award**)

Feltner, J.A. October 2018. Using GPS collars, remote cameras, and track and sign to study intraguild competition. University of Montana Student Chapter of the Wildlife Society, Missoula, MT.

Feltner, J.A. September 2018. Competition and predator-prey dynamics following large carnivore recovery. Graduate student speaker, Wildlife Leadership Council, University of Montana, Missoula, MT.

Feltner, J.A. July 2018. Assessing the impacts of increasing wolf and grizzly bear populations on the habitat selection and foraging patterns of cougars. Cougars of Jackson Hole, Center for the Arts, Jackson, WY.

Feltner, J.A. April 2018. Assessing the impacts of increasing wolf and grizzly bear populations on the habitat selection and foraging patterns of cougars: A multi-organizational collaborative project in the southern Greater Yellowstone Ecosystem. Graduate Conference, University of Montana, Missoula, MT (**Runner-up, "Best of GradCon" Award**).

Feltner, J.A. March 2017. Intraguild competition and predator-prey dynamics following large carnivore recovery. WILD 594: Graduate Seminar in Wildlife Biology, University of Montana, Missoula, MT.

Mills, L.S. and **Feltner, J.A.** August 2015. An updated synthesis on appropriate science-based criteria for "favorable reference population" of the Scandinavian wolf (*Canis lupus*) population. Swedish Environmental Protection Agency, Stockholm, Sweden.

Feltner, J.A. October 2014. Wildlife biology and conservation in a globalized world. Dartmouth College on location: A Dartmouth day at the zoo, San Diego Zoo Safari Park, Escondido, CA.

Feltner, J.A. May 2014. Linking human activities and conservation policy to large mammal and bird diversity and distribution in Fanjingshan National Nature Reserve, Guizhou, China. K-12 Teacher Training Workshop, San Diego State University, San Diego, CA.

Feltner, J.A. April 2014. Collaborative conservation – linking vegetation condition, human activities and management policies to monkey habitat use. Association of American Geographers Annual Meeting, Tampa FL.

Feltner, J.A. and R. Lewison. June 2013. Conservation Ecology and the Guizhou Snub-Nosed Monkey. K-12 Teacher Training Workshop, San Diego State University, San Diego, CA.

Feltner, J.A. February 1999. Trekking in Tibet: My journey to the "Roof of the World." Dartmouth Outing Club, Students for a Free Tibet and Dartmouth China Society, Dartmouth College, Hanover NH.

TEACHING EXPERIENCE

2019, 2021	Teaching Assistant , BIOB 272 Genetics and Evolution, UM (3 credits)
2020	Teaching Assistant , BIOB 475 Mammalogy, UM (4 credits)
1998	Head Teacher , Patrick English Network, Beijing, China

RELEVANT TRAININGS AND CERTIFICATIONS

2019	<u>Wildlife Handling & Chemical Immobilization</u> , Global Wildlife Resources (two-day training)
2015-2018	<u>Certified Level III Animal Tracker</u> , Cybertracker Conservation (6 days formal evaluations, >150 hours informal training and study)
2015	<u>Chemical Immobilization of Animals</u> , Safe-Capture International (two-day training)
2009	<u>Intermediate Spanish</u> , Academia Flacon, Guanajuato, Mexico (three-week course)
2009	<u>Introductory Spanish</u> , Central America Spanish School, LaCeiba, Honduras (two-week course)
2009	<u>Tropical Marine Ecology & Field Techniques</u> , Centre for Marine Studies, Utila, Honduras (one week course)
2009	<u>Certified Advanced Open Water Diver</u> , Professional Association of Diving Instructors (one - week course)
2009	<u>Wildlife Tracking</u> , Sky Island Alliance, Tucson AZ (four-day workshop)
2002	<u>Basic Combat Training & Rifle Qualification</u> , U.S. Army (approximately 9 weeks)

PROFESSIONAL SKILLS AND ACTIVITIES

Computer: Program R, ArcGIS, Microsoft Office, Website/social media design & management

Field/Outdoor Skills:

- Animal track, sign & bone identification
- Plant identification
- Wildlife monitoring: Camera-traps, radio telemetry (ground & aerial), electronic calling, VHF/GPS tracking, line transect surveys
- Wilderness navigation and survival; use of GPS and compass
- Large/small mammal capture, immobilization, handling, marking (collars, PIT tags)
- Mortality investigations; bone and hair identification, necropsy and sample collection
- Use of 4 X 4 vehicles and snowmobiles, off-road driving
- Significant field experience working in high mountain, desert, subtropical, tropical & marine ecosystems
- Use of binoculars, scope, rangefinder, still and video cameras
- Use of handgun, rifle, shotgun, dart gun
- Use of machete, saws, axes, hand tools
- Basic construction
- Animal husbandry
- Taxidermy; skin and skeletal preparation
- Water sports: diving, sailing, paddling, swimming
- Snow sports: snowshoeing, alpine and backcountry skiing
- Equestrian: Western & English riding
- Lifelong backcountry traveler and hiker

Languages: Advanced Mandarin Chinese, Intermediate Spanish, Basic Portuguese

Professional Memberships: Society for Conservation Biology (2010-present), The Wildlife Society (2012 – present), The Wildlife Society Wyoming Chapter (2015-present), Women in Science, UM (2018-2020), Wild Felid Research and Management Association (2016-present), The Wildlife Society Montana Chapter (2019-present), International Association for Bear Research and Management (2020-present), The Wildlife Society Alaska, Arizona, Colorado, Utah and Washington Chapters (2021-present)

Service:

- **Member**, Science Committee, The Wildlife Society Wyoming Chapter (Nov 2019-present)
- **Wyoming & Montana Student Representative**, Wild Felid Association (May 2019- May 2021)
- **Chair**, Wildlife Biology Program Guest Speaker Committee, UM (May – Oct 2018)
- **Conservation Committee Chair**, Student Chapter, Society for Conservation Biology, CSU (Sep 2011- May 2012)

Reviewer, *Mammal Review*, *PeerJ*, *Western North American Naturalist*

International Work and Study: Brazil (Mato Grosso), China (Beijing, Shanghai, Tibet, Xinjiang, Inner Mongolia, Guangdong, Fujian, Sichuan, Qinghai, Zhejiang, Guizhu, Hunan), Colombia (Vichada, Bogota), Honduras (Utila, La Ceiba), Japan (Tokyo), Mexico (Baja California, Sonora, Guanajuato), Peru (Amazonas) and Sweden.

RELEVANT VOLUNTEER EXPERIENCE

Volunteer Field Technician Teton County WY
University of California, Berkeley February 2020

- Assisted with field investigations of wolf kill sites
- Used snow mobiles and skis to access sites

Volunteer Field Technician Port Angeles WA
Olympic Cougar Project, Panthera Puma Program May 2019

- Assisted with field investigations of cougar kill sites

Outreach Volunteer Missoula MT
Wildfest, International Wildlife Film Festival April 2019

- Presented on PhD research and the mammals of Montana to children and families at an event booth

Volunteer Field Technician Lincoln County WY
Wyoming Cooperate Fish and Wildlife Research Unit June 2018

- Assisted with field investigations of mule deer parturition (birth) sites
- Captured, collared and examined neonate deer fawns for survival study

Grasslands Restoration Volunteer Inner Mongolia, China
People's Government of Inner Mongolia Autonomous Region July 1998

- Spent three days assisting with vegetation restoration in a disturbed grasslands ecosystem

Volunteer trail crew member Gorham NH
Appalachian Mountain Club Jun 1995-Jun 1996

- Repaired trails in the White Mountains of New Hampshire

ADDITIONAL WORK EXPERIENCE

Learning & Development Implementation Team Member Boston MA
PricewaterhouseCoopers LLP Apr-Sep 2008, Jun 2010-Jan 2011

- Ensured successful implementation of learning programs on firm-wide topics in the Northeast with a focus on project management support and on-site implementation
- Trained and supervised new team members

Volunteer Coordinator Bay St. Louis MS
AmeriCorps VISTA / St. Rose Outreach and Recovery Nov 2006 – Dec 2007

- Recruited, trained, supervised and managed over 750 short and long-term volunteers for relief center dedicated to rebuilding affordable housing for victims of Hurricane Katrina; created all organizational systems and administrative infrastructure related to volunteer, housing and reservation management
- Member of four-person leadership team: Developed vision, mission and long-term goals; recruited and hired new staff; resolved major operational problems; maintained relationships with advisory board and other relief organizations; organized monthly lecture series and other events for volunteers and community members
- Performed construction work including plumbing, roofing, drywall, electrical, framing and painting
- Operated 4 X 4 vehicle, towed trailer with construction supplies to work sites

Event Coordinator /Administrative Assistant to Dean Washington DC
Georgetown University School of Foreign Service Jan 2004- Nov 2006

- Provided administrative support including research, media coordination, technical support, database and budget management and fundraising; acted as a liaison to internal and external constituencies
- Planned and managed physical, logistical, financial and protocol details for all Dean's Office events

Freeman Chair in China Studies Intern Washington DC
Center for Strategic and International Studies Sep-Dec 2003

- Aided scholars and research associates in conducting research; produced reports related to China and East Asia in the policy, security and business arenas; supported policy experts at conferences and diplomatic meetings
- Carried out independent research project on Chinese domestic policies in Xinjiang province

Specialist (MOS 97E; Human intelligence collector) Fort Jackson SC / Fort Huachuca AZ
U.S. Army Aug 2002-Feb 2003

- Completed U.S. Army basic training
- Role player in human intelligence collector final training tests & combat scenarios
- Honorably discharged

Administrative Assistant Boston MA
Prostaff/Select Staffing Mar 2002-July 2002, Mar 2003-Aug 2003; Jan-Apr 2008; Sept 2009-May 2010

- Provided temporary staffing help as administrative assistant, program coordinator, office manager, paralegal, and other supporting roles to law firms, financial companies, consulting firms, hospitals, publishing companies, and universities throughout Boston and Cambridge MA

Legal Assistant Boston MA
Gibson & Behman P.C. Nov 2001- Feb 2002

- Assisted attorneys in preparation for closings, hearings, trials, and corporate meetings; helped prepare legal arguments, draft pleadings and motions to be filed with the court; obtained affidavits; assisted attorneys during trials; aided other law office employees in completing administrative and organizational duties
- Aided in supervision and training of new legal assistants

Special Assistant to the Consul / Intern Shanghai, China
U.S. & Foreign Commercial Service Jun-Aug 2000

- Conducted research and wrote several substantial industry sector and market analysis reports on shipbuilding, ports and off-shore oil in China
- Aided local staff in editing and translation of reports and documents
- Represented U.S. & Foreign Commercial Service at government and industry events

Head Teacher Beijing, China
Patrick English Network Sep – Dec 1998

- Led month-long English language and American culture study programs for Chinese businessmen and women; taught children and teenagers English on weekend classes
- Aided in the translation of documents; wrote articles in English for PEN magazine; established relations with U.S. Embassy diplomats for commercial purposes

Work-study employee Hanover NH
Dartmouth College Sep 1997- Jun 2001

- Worked as an office assistant and a dining worker throughout college to finance education

ADDITIONAL VOLUNTEER EXPERIENCE

Hurricane Katrina Relief Volunteer Washington DC / Bay St. Louis MS
Holy Trinity Catholic Church Oct 2005- Oct 2006

- Managed volunteer coordination for Hurricane Katrina On-Site Team to include technical support, database management, communications, fundraising, volunteer recruitment, team organization and training for construction and disaster relief projects on gulf coast Mississippi.
- Spent one week in Bay St. Louis and Waveland MS doing roofing, painting and debris removal at houses damaged by the hurricane

Social Justice Volunteer Washington DC
Holy Trinity Catholic Church Sep-Oct 2005

- Conducted site visits and evaluations of nonprofit organizations in Washington DC seeking funding from Social Justice Committee for projects providing direct services to the poor and disadvantaged

Volunteer English Tutor Washington DC
Institute for Study of Diplomacy, Georgetown University Apr-Dec 2004

- English tutor for visiting Research Associates from China's Foreign Ministry