

Predator Research Facility



Ecological relationships between predators and livestock, natural resources, human health, and safety in wild and urban environments

Example projects

- Correlates to coyote howling
- Eastern coyote space use
- Coyote and kit fox interactions
- Coyote-human conflict in urban areas
- Cougar foraging ecology
- Coyote-cougar dynamics and mule deer recruitment
- Urban black bears



Noninvasive molecular sampling techniques

Example projects

- Identifying depredating black bears, coyotes, and cougars
- Temporal viability of predator DNA
- Identifying wolves, dogs, and hybrids



Control methods for managing predation

Example projects

- Electronic call boxes for wolves
- Expandable wolf pup collars
- Social learning in coyotes
- Predator toxicants



Behavior, hormones, reproduction, nutrition, disease, social dominance, and space use of predators

Example projects

- Food tracking in coyotes
- Seasonal hormone changes in coyotes
- Phenotypic trait inheritance in coyotes

