

# Julie K. Young, Ph.D.

Associate Professor

Department of Wildland Resources, Utah State University

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## EDUCATION

**Doctor of Philosophy.** Utah State University, 2006

*Major:* Wildlife Sciences

*Advisor:* John A. Shivik, Ph.D.

**Master of Science.** Iowa State University, 2000

*Major:* Animal Ecology

*Advisor:* William L. Franklin, Ph.D.

**Bachelor of Science.** Texas A&M University, 1996

*Major:* Wildlife and Fisheries Sciences

**Bachelor of Science.** Texas A&M University, 1996

*Major:* Recreation, Park, and Tourism Sciences

**Study abroad.** School for International Training, Arusha, Tanzania

*Major:* Wildlife and Conservation Management

*Advisor:* Saba Douglas-Hamilton

## RESEARCH POSITIONS

**Associate Professor.** 2021-present. Department of Wildland Resources, Utah State University, Logan, Utah.

**Supervisory Research Wildlife Biologist (GS-13).** 2012-2021. USDA-WS-National Wildlife Research Center, Logan Field Station, and **Associate Professor FR.** 2016-present. Department of Wildland Resources, Utah State University, Logan, Utah.

**Supervisory Research Wildlife Biologist (GS-12).** 2010-2012. USDA-WS-National Wildlife Research Center, Logan Field Station, and **Assistant Professor FR.** 2010-2016. Department of Wildland Resources, Utah State University, Logan, Utah.

**Research Ecologist.** 2009-2010. Institute for Wildlife Studies, Arcata, California.

**Postdoctoral Research Fellow.** 2007-2009. Wildlife Conservation Society, Missoula, Montana.

**Postdoctoral Research Fellow.** 2006-2007. Arizona State University, Tempe, Arizona.

**Graduate Research Fellow.** 2002-2006. Rob and Bessie Welder Wildlife Foundation.

**Carnivore Biologist.** 2002. Shambhala Private Game Reserve, Vaalwater, South Africa.

**Reintroduction Biologist.** 2001. Institute for Wildlife Studies, San Clemente Island, California.

## ADJUNCT POSITIONS

Colorado State University, 2022-2024. Department of Fish, Wildlife, and Conservation Biology.

California State University, Long Beach, 2014-2021. Department of Biological Sciences.

University of Chicago, 2011-2015. Committee on Evolutionary Biology.

## TEACHING

**Instructor.** 2022-continuing. Field Skills (undergraduate), Graduate Project Management (graduate). Utah State University.

**Instructor.** 2022-2023. Animal and Plant Population Ecology (undergraduate), Scientific Communication (graduate). Utah State University.

**Instructor.** 2006, 2011-2013. Advanced wildlife techniques. Utah State University.

**Instructor.** 2006-2007. Field ecology: behavior and conservation of sea lions (study abroad in Mexico). Arizona State University.

**Teaching Assistant.** 1997-2000. Laboratory instructor for ecology, vertebrate biology, tropical and coral reef ecology (study abroad in Belize and Guatemala), and wildlife management. Iowa State University.

**Guest lecturer.** 2006-present. Several classes. Utah State University.

**Guest lecturer.** 1997-2000. Vertebrate biology and wildlife management. Iowa State University.

## GRANTS

USDA, PI. 2024-2025. \$38,680 (~\$50,000 of internal funds from CAFGD). Evaluating the use of nonlethal tools for reducing depredation by mountain lions.

USDA, PI. 2023-2025 (2). \$120,485.89. Evaluating the use of UAS as a hazing tool for wolves. Mentioned in [The Guardian](#)

Kansas Department of Parks and Wildlife, PI. 2024-2026. \$49,350. Using field methods and citizen science to assess urban canid space use and conflict patterns.

Kalispel Department of Natural Resources, PI. 2024. \$22,896.49. Cougar responses to hounds.

Washington State University, collaborator (sub-award). 2024. \$400,000 (to USU: \$38,340). Range rider efforts from the Cattle Producers of Washington State.

Michigan DNR, co-PI. 2023-2027. \$648,829. Managing the socio-ecological system for human-black bear interactions in the Northern Lower Peninsula, Michigan.

NSF-DISES, co-PI (sub-award). 2023-2028. \$1,595,162. Social-ecological drivers and consequences of human-carnivore interactions within and among American cities.

Research Catalyst Grant, Utah State University, PI. 2023-2024. \$20,000. Consequences of predators without prey: Understanding the role of foraging strategy on behavior, cognition, and social structure.

Ackerstein Sustainability, sub-award. 2022-2024. \$25,796. 2022 Project Mayfield Research Grant: Beaver (*Castor canadensis*) relocation best practices in the American West and other relevant regions.

Utah Division of Wildlife Resources, PI. 2022-2027. \$497,772 (+ ~\$100,000 of internal UDWR funds). Carnivore population ecology: Identifying cost-efficient estimators to monitor carnivore populations.

Utah's Watershed Restoration Initiative Grant, Co-PI. 2022-2023. \$240,506. Lower White River conservation, restoration, and monitoring.

Sustainable Agricultural Research and Education Projects, Co-PI (sub-award). 2022-2025. \$394,951. Landowner collaborative strategies for nonlethal predator control.

Utah Division of Wildlife Resources, Co-PI. 2021-2023. \$47,626. Lower San Rafael & Price River Riparian Corridor Habitat Improvement, Phase 2.

NRCS Conservation Innovation Grant, Co-PI (sub-award). 2021-2024. \$886,255. Landowner collaborative strategies for nonlethal predator control to prevent livestock depredations.

Public Lands Initiative, PI. 2020-2022. \$60,000. Predation of domestic sheep on public grazing allotments.

Utah Division of Wildlife Resources, PI. 2018-2023. \$315,416 (+ ~\$100,000 of internal UDWR funds). Cougar population estimates, movement, and foraging patterns in Utah.

Structural Pest Control Board, collaborator. 2018-2021. \$329,749. Investigation of rodenticide pathways in an urban system using isotopically labeled bait.

Utah Division of Wildlife Resources, PI. 2013-2021. \$66,842 - black bear rehabilitation and research.

BLM Utah Fisheries and Riparian Resources Programs and Projects, co-PI. 2018-2020. \$196,000. Understanding the dynamics and behavior of reintroduced beavers aimed at restoring habitat for imperiled desert fishes.

SPARC, Utah State University, co-PI. 2017-2018. \$35,000 – Co-adaptation of a large carnivore and human society across a dynamic wildland-rural-urban interface: urban spotted hyenas in Ethiopia.

National Sheep Industry Improvement Center (NSIIC), PI. 2017-2018. \$19,000 – nonlethal tools manual.

Utah Division of Wildlife Resources, PI. 2013-2016. \$45,000 - mountain lion research project.

Texas Parks and Wildlife Department, PI. 2013-2015. \$11,500 - urban bobcat research project.

Welder Wildlife Foundation, PI. 2013-2015. \$45,500 - urban bobcat research project, student fellowship.

Utah Division of Wildlife Resources, PI. 2012-2016. \$347,422 - evaluating coyote predation and survival of mule deer under different predator management regimes.

Utah Division of Wildlife Resources, PI. 2012. \$10,000 - black bear rehabilitation, facility construction.

Meeteetse Conservation District, PI. 2011-2013. \$56,391 - greater sage-grouse survival, predation, and space use in the Bighorn Basin, WY.

Wyoming Animal Management and Damage Board, PI. 2012. \$3,500 - livestock protection dogs.

Research Catalyst, Utah State University, PI. 2011-2012. \$20,000 - understanding relationships and mechanisms involving predators and humans: integrating human values, policies, and behavior.

National Park Service, Park Oriented Biological Support Grant, co-PI. 2010-2011. \$75,000 - the impact of climate

change on future suitability of the Sierra Nevada for wolverines.  
 U.S. Fish and Wildlife Services, co-PI. 2010-2011. \$285,000 - population estimates of the desert tortoise.  
 U.S. Fish and Wildlife Services, co-PI. 2009-2010. \$297,000 - population estimates of the desert tortoise.  
 Idaho Department of Transportation, co-PI. 2009. \$626,000 (awarded to co-PI at WCS) - habitat connectivity for moose, elk, and mule deer.  
 Safari Club International. 2009-2010. \$5,000 - border connectivity research. Summerlee Foundation. 2009-2010. \$10,000 - border connectivity research.  
 The Nature Conservancy. 2009-2010. \$6,500 - border connectivity research.  
 Welder Wildlife Foundation. 2002-2006. \$90,000 - graduate research fellowship.  
 University Travel Grants. 2006, 2005, & 2000. \$500/year - funding to present at professional meetings. Utah State University and Iowa State University.  
 Sigma-Xi Grants-in-Aid. 2003. \$1,500 - graduate research, field expenses.  
 University Presidential Scholarship. 2002. \$3,000 - university expenses.

## AWARDS

QCNR [Publication of the Year](#). 2023. Department of Wildland Resources, Utah State University.  
 USDA Certificates of Merit. 2012, 2014, 2017, 2019, 2020. National Wildlife Research Center.  
 USDA Certificate of Appreciation. 2011. National Wildlife Research Center.  
 College of Natural Resources Research Assistant of the Year. 2006. Utah State University.  
 Cottam Award presentation speaker. 2005. The Wildlife Society - Texas Chapter meeting.

## PEER-REVIEWED JOURNAL PUBLICATIONS

\*graduate student

†undergraduate student

### In review

Murray, M.H., T.G. Candusso, A.G. Short Gianotti, A.T. Morzillo, **J.K. Young**, K.L. Larson, M. Fidino, S. Magle, S.P.D. Riley, J.A. Sikich, C.J. Schell, C.E. Wilkinson. *Revision submitted*. Health as an outcome and driver of human-wildlife interactions. *BioScience*.  
 Parsons, M.A.\*, **J.K. Young**. *Revision submitted*. Leveraging multiple data sources to assess competition between introduced wild pigs and native deer. *Ecosphere*.  
 Abernathy, H.N., M.A. Ditmer, D.C. Stoner, K.R. Hersey, K.N. Engebretsen\*, **J.K. Young**, and G. Wittemyer. *Revision submitted*. Dynamic risk-scapes for prey: disentangling the impact of human and cougar presence on deer behavior using GPS smartphone locations. *Ecography*.  
 Hyde, M.\*, J. Oakleaf, J. DeVos, D. Bergamn, K. Crook, **J.K. Young**, R.G. Amirkhiz, J.K. Frey, S.W. Breck. *In revision*. Food subsidies reduce livestock depredations by a recovering carnivore. *Animal Conservation*.  
 Mills, K.L., M. Leclerc, M.A. Ditmer, ...**J.K. Young**,...K.N. Engebretsen\*, N.H. Carter. *In review*. Dynamic impacts of fire on large mammal habitat quality and selection in the American West. *Journal of Animal Ecology*.  
 Peterson, E.K., M.E. McPhee, R.Y. Chock, B.A. Schulte, **J.K. Young**. *In review*. Leveraging animal behavior can improve translocation success in the face of anthropogenic stressors. *Animal Behaviour*.  
 Parsons, M.A.\*, J.A. Dellinger, K.C. Vercauteren, J.V. Lombardi, **J.K. Young**. *In review*. Introduced wild pigs affect the foraging ecology of a native predator as both prey and scavenger. *Ecological Applications*.

### In press

Taraporevala, N.\*, J. Beckmann, **J.K. Young**. *In press*. Citizen science project on urban canids provides different results from camera traps but generates interest and revenue. *Wildlife Biology*. doi: 10.1002/wlb3.01382  
 Bott C.A.\*, S.W. Breck,... **J.K. Young**. *In press*. Livestock Flashtags: Evaluating a novel deterrent to reduce livestock depredation. *Human-Wildlife Interactions*.

### 2025

Parsons, M.A.\*, J. Dellinger, K. VerCauteran, **J.K. Young**. 2025. Survival and causes of mortality of introduced wild pigs in the presence of cougars. *Biological Invasions* 27, 4. <https://doi.org/10.1007/s10530-024-03470-8>  
 Benson, J., D. Keiter, P. Mahoney,...**J.K. Young**,...B. Patterson. 2025. Intrinsic and environmental drivers of pairwise cohesion in wild *Canis* social groups. *Ecology*. doi: 10.1002/ecy.4492

## 2024

- Young, J.K.**, W. Sarmiento. 2024. Can an old dog learn a new trick? Efficacy of livestock guardian dogs at keeping an apex predator away from people. *Biological Conservation* 292: 110554. *Featured on NBC News Montana (Missoula station) and at [Science Magazine](#)*
- Parsons, M.A.\*, B.E. George, **J.K. Young**. 2024. Evaluating the efficacy of aversive conditioning of mountain lions with hounds. *Canadian Wildlife Biology & Management, Special Issue on Mountain Lion Conservation and Management* 13(2): 126-137. *Mentioned in [New York Times article](#)*
- Parsons, M.A.\*, **J.K. Young**. 2024. Coyotes display minimal response to Cougar scent at experimental carcass sites. *Journal of Mammalogy* 105(4): 729-739.
- Randolph, J.F.\*, **J.K. Young**, D.C. Stoner, D.K. Garcelon. 2024. Impacts of management practices on habitat selection during juvenile mountain lion dispersal. *Ecology and Evolution* 14(8): p.e70097. *Featured on Blood Origins podcast, mentioned in New York Times article*
- Stankowich, T., C. Fay\*, **J.K. Young**. 2024. Aposematic learning in a mammalian predator-prey system. *Animal Behaviour* 212: 39-48.
- Sandbach, C.\*, **J.K. Young**, M. Conner, P. Budy. 2024. Beaver dam analogs did not improve beaver translocation outcomes in a desert river. *Restoration Ecology* 32(4): e14107.
- Draper, J.\*, **J.K. Young**, N. Beckman, T. Atwood. 2024. The differential contribution of coyotes and passerines on future biotic carbon storage through juniper seed dispersal. *Ecography* 2024: e06958.
- Engelbrechtsen, K.\*, C. Rushing, D. DeBloois. **J.K. Young**. 2024. Increased maternal care improves neonate survival in a solitary carnivore. *Animal Behaviour* 210: 369-381.
- Freeman, S.M., J.L. Catrow,..., **J.K. Young**, A.L. Olsen. 2024. Binding affinity, selectivity, and pharmacokinetics of the oxytocin receptor antagonist L-368,899 in the coyote (*Canis latrans*). *Comparative Medicine* 74(1): 3-11.
- Turano, A., S.P. Brummer, J.T. Schultz, **J.K. Young**, S.M. Freeman. 2024. Internal and external factors affect pair mate proximity in captive coyotes, *Canis latrans*. *Animal Behaviour* 212: 49-62.

## 2023

- Young, J.K.**, A. Mast†, T. Rodgers, J. Walton, T. Piaggio, K. Mock. 2023. Straight from the coyote's mouth: Genetic identification of prey through oral swabs of predators. *Wildlife Biology* 2023(6): e01155.
- Tucker, M., A.M. Schipper, ..., **J.K. Young**, ... et al. 2023. Behavioral responses of terrestrial mammals to COVID-19 lockdowns. *Science* 380: 1059–1064.
- Engelbrechtsen, K.\*, D. DeBloois, **J.K. Young**. 2023. Use of radio-linked VHF technology to monitor neonate carnivores. *Wildlife Society Bulletin*. 47(2): e1438.
- Floyd, N.\*, M. Conner, D. DeBloois, **J.K. Young**. 2023. Investigating cause-specific mortality of sheep to determine the impacts of carnivores on domestic livestock. *Rangeland Ecology & Management* 88: 39-46.
- Turano, A., S.P. Brummer, **J.K. Young**, S. Freeman. 2023. Can a traditional partner preference test quantify monogamous behavior in captive coyotes? *Behavioural Processes* 206: 104832.
- Roug, A., K. Engelbrechtsen\*, A. van Wetters, **J.K. Young**. 2023. Disease surveillance of cougars (*Puma concolor*) in Utah, USA. *Journal of Wildlife Disease* 58(4).

## 2022

- Doden, E.\*, P. Budy, M. Conner, **J.K. Young**. 2022. Comparing life-history traits of resident and translocated beavers used as passive restoration tools in degraded desert rivers. *Animal Conservation* 26: 573-586.
- Garcia, A., M. Parsons\*, **J.K. Young**. 2022. Effects of early-life experience on innovation and problem-solving in captive coyotes. *Behavioral Ecology and Sociobiology* 76: 141.
- Jordan, K., S. Mahamane\*, J. Haynes\*, **J.K. Young**. 2022. Ecological factors shape quantitative decision-making in coyotes. *Animal Cognition* 26: 813-821.
- Young, J.K.**, J.T. Schultz, D.B. Jolley, N. Basili†, J. Draper\*. 2022. Social learning of avoidance behaviors: Trap aversion in captive coyotes. *Animal Behavior and Cognition* 9(3): 336-348.
- Parsons, M.A.\*, T.M. Newsome, **J.K. Young**. 2022. The consequences of predators without prey. *Frontiers in Ecology and the Environment* 20(1): 31-39.
- Hyde, M.\*, S.W. Breck,..., **J.K. Young**. 2022. Multidisciplinary engagement for fencing research informs efficacy

and rancher-to-researcher knowledge exchange. *Frontiers in Conservation Science* 3: 938054.

Roug, A., E. Doden\*, T. Griffin, **J.K. Young**, X. Walden\*, N. Norman, P. Budy, A.J. Van Wettere. 2022. Health screening of American beavers (*Castor canadensis*) in Utah, USA. *Journal of Wildlife Disease* 58(4).

Draper, J.P.\*, **J.K. Young**, E.W. Schupp, N.G. Beckman, T.B. Atwood. 2022. Frugivory and seed dispersal by carnivorans. *Frontiers in Ecology and Evolution* 10: 864864.

Doden, E.\*, P. Budy, T. Avgar, **J.K. Young**. 2022. Movement patterns of resident and translocated beavers at multiple spatiotemporal scales in desert rivers. *Frontiers in Conservation Science* 3: 777797.

Draper, J.P.\*, T. Rodgers, **J.K. Young**. 2022. Beating the heat: Ecology of desert bobcats. *BMC Ecology & Evolution* 22: 25.

Parsons, M.\*, A. Garcia, **J.K. Young**. 2022. Scavenging vs hunting affect behavioral traits of an opportunistic carnivore. *Peer J* 13366.

VanBourg, J\*, **J.K. Young**,..., C.D.L. Wynne. 2022. Cognitive flexibility and aging in coyotes (*Canis latrans*). *Journal of Comparative Psychology* 136(1): 54-67.

## 2021

Kinka, D.\*, J.T. Schultz, **J.K. Young**. 2021. Wildlife responses to livestock guard dogs and domestic sheep on open range. *Global Ecology and Conservation* 31: e01823.

Engelbrechtsen, K.N.\*, J.P. Beckmann,..., **J.K. Young**. 2021. Recolonizing apex carnivores: is cougar predation behaviorally mediated by bears? *Ecology & Evolution* 11(10): 5331-5343.

Stoner, D.C., M.A. Ditmer, D.L. Mitchell, **J.K. Young**, M.L. Wolfe. 2021. Conflict, coexistence, or both? Cougar habitat selection, prey composition, and mortality in a multiple-use landscape. *California Fisheries and Wildlife Journal* 107(3): 147-172.

Windell, R.\*, L. Bailey, **J.K. Young**, T. Livieri, D. Eads, S.W. Breck. 2021. Improving evaluation of nonlethal tools for carnivore management and conservation: evaluating fladry to protect an endangered species from a generalist mesocarnivore. *Animal Conservation* 25(1): 125-136. *\*shortlisted for the TWS best student publication award*

Draper, J.\*, T. Atwood, N. Beckman, K. Kettenring, **J.K. Young**. 2021. Mesopredator frugivory has no effect on seed viability and germination of commonly consumed and dispersed plant species. *Ecosphere* 12(8):e03702.

Stanton, L.\*, E. Bridge, J. Huizinga, S. Johnson, **J.K. Young**, S. Benson-Amram. 2021. Variation in reversal learning by three generalist mesocarnivores. *Animal Cognition* 24: 555–568.

Leary, T.\*, J.T. Schultz, **J.K. Young**. 2021. Surgical sterilization impacts on behavior of coyote pairs. *Applied Animal Behaviour Science* 241: 105382.

Engelbrechtsen, K.N.\*, J.P. Beckmann, C.W. Lackey, A. Andreasen, C. Schroeder, P. Jackson, **J.K. Young**. 2021. Recolonizing apex carnivores: is cougar predation behaviorally mediated by bears? *Ecology & Evolution* 11(10): 5331-5343. doi: <https://doi.org/10.1002/ece3.7424>

## 2020

**Young, J.K.**, D.L. Coppock, J. Baggio, K. Rood, G. Yirga. 2020. Linkages between human perceptions and spotted hyena behavior in urban areas of Ethiopia. *Animals* 10(12): 2400.

Floyd, N.†, **J.K. Young**. 2020. Testing coyotes in an object choice task following a human gesture. *Ethology, Ecology, and Evolution* 33(4): 394-405.

Schell, C., L. Stanton\*, **J.K. Young**, L. Angeloni, J. Lambert, S.W. Breck, M. Murray. 2020. The evolutionary consequences of human-wildlife conflict. *Evolutionary Applications* 14(1): 178-197.

Gaynor, K., M. Cherry, S. Gilbert, M. Kohl, C. Larson, T. Newsome, L. Prugh, J. Suraci, **J.K. Young**, J. Smith. 2020. An applied ecology of fear: linking theory to management practice. *Animal Conservation* 24(3): 308-321.

Piaggio, A.J., S.A. Shriner, **J.K. Young**, D.L. Griffin, D.J. Wostenberg, E.M. Gese, M.W. Hopken. 2020. Predator salivary DNA persistence from multiple species and methods for optimal recovery from depredated carcasses. *Journal of Mammalogy* 101: 298–306.

Jensen, R.†, **J.K. Young**, R.E. Otis. 2020. Age, sex class, and prey abundance influence the frequency and type of percussive behavior in the Southern Resident Killer Whale (*Orcinus orca*) population at Lime Kiln Point State Park. *Northwestern Naturalist* 101(2): 65-76.

## 2019

**Young, J.K.**, E. Hammill, S.W. Breck. 2019. Interactions with humans shape coyote responses to hazing. *Scientific*

Reports 9: 20046.

- Breck, S.W., S. Poessel\*, P.J. Mahoney\*, **J.K. Young**. 2019. Selective pressure by humans acting as predators results in bold temperament in urban coyotes. *Scientific Reports* 9: 2104.
- Young, J.K.**, L. Touzot\*, S. Brummer. 2019. Persistence and conspecific observations improve problem-solving abilities of coyotes. *PLoS One* 14(7): e0218778. *\*selected by journal for press release*
- Young, J.K.**, J.M. Golla\*, D. Broman, T. Blankenship, R. Heilburn. 2019. Estimating density of an elusive carnivore in urban areas: Use of spatially explicit capture-recapture models for city-dwelling bobcats. *Urban Ecosystems* 22: 507–512.
- Young, J.K.**, J. Draper, S.W. Breck. 2019. Mind the gap: experimental tests to improve efficacy of fladry for non-lethal management of coyotes. *Wildlife Society Bulletin* 43: 265–271.
- Kinka, D. \*, **J.K. Young**. 2019. Evaluating domestic sheep survival with different breeds of livestock guardian dogs. *Rangeland Ecology & Management* 72(6): 923–932.
- Young, J.K.**, J. Draper, D. Kinka\*. 2019. Spatial associations of livestock guardian dogs and domestic sheep. *Human-Wildlife Interactions* 13(1): 7–15 (special edition on LPDs).
- Young, J.K.**, J.M. Golla\*, J. Draper, D. Broman, T. Blankenship, R. Heilburn. 2019. Space use and movement of urban bobcats. *Animals* 9: 275 (special edition on urban wildlife).
- Kinka, D. \*, **J.K. Young**. 2019. The tail wagging the dog: positive attitude towards livestock guardian dogs do not mitigate pastoralists' opinions of wolves or grizzly bears. *Palgrave Communications* 5: 117.
- Gese, E.M., P.A. Terletzky, J.D. Erb, K.C. Fuller, J.P. Grabarkewitz, J.P. Hart, C. Humpal, B.A. Sampson, **J.K. Young**. 2019. Injury scores and spatial responses of wolves following capture: a comparison of cable restraints versus foothold traps. *Wildlife Society Bulletin* 3(1): 42–52.

## 2018

- Schell, C.J. \*, **J.K. Young**, E.V. Lonsdorf, J.M. Mateo, R.M. Santymire. 2018. Parental habituation to human disturbance over time reduces fear of humans in coyote offspring. *Ecology and Evolution* 8(24): 12965–12980.
- Mahoney, P.J. \*, **J.K. Young**, Hersey, R. Larsen, B. McMillan, D. Stoner. 2018. Spatial processes decouple management from objectives in a heterogeneous landscape: predator control as a case study. *Ecological Applications* 28(3): 786–797.
- Schultz, J. \*, **J.K. Young**. 2018. Enclosure utilization and enrichment structure preferences of captive coyotes. *Zoo Biology* 02(01): 05–19.
- DeMatteo, K.E., L.W. Blake, **J.K. Young**, B. Davenport. 2018. Scat detection dog surveys: how behavior of nontarget species affects perceived accuracy. *Scientific Reports* 8: 13830.
- Kinka, D. \*, **J.K. Young**. 2018. A livestock guardian dog by any other name: similar response to wolves across livestock guardian dog breeds. *Rangeland Ecology & Management* 71: 509–517. *\*cover photograph*
- Myers, P.J. \*, **J.K. Young**. 2018. Post-release activity and habitat selection of rehabilitated black bears. *Human-Wildlife Interactions* 2(3): 322–337. (special edition: bear conflict and management)
- Schultz, J. \*, **J.K. Young**. 2018. Captive coyote spatial and behavioral responses to human activity. *Applied Animal Behavior Science* 205: 83–88.
- Myers, P.J. \*, **J.K. Young**. 2018. Consistent individual behavior: evidence of personality in black bears. *Journal of Ethology* 36(2): 117–124.
- Schell, C. \*, **J.K. Young**, E.V. Lonsdorf, J.M. Mateo, R.M. Santymire. 2018. It takes two: Evidence for reduced sexual conflict over parental care in a biparental canid. *Journal of Mammalogy* 99(1): 75–88.
- Young, J.K.**, M. MacGregor\*, E. Gese, D. Eckery. 2018. Experimental tests of nonsurgical reproductive inhibitors to prevent coyote reproduction. *Human-Wildlife Interactions* 12(2): 171–185.

## 2017

- Mahoney, P.J. \*, **J.K. Young**. 2017. Uncovering behavioural states from animal activity and site fidelity patterns. *Methods in Ecology & Evolution* 8: 174–183.
- Poessel, S. \*, **J.K. Young**, E.M. Gese. 2017. Environmental factors influencing the occurrence of coyotes and conflicts in urban areas. *Landscape and Urban Planning* 157: 259–269.
- Orning, E. \*, **J.K. Young**. 2017. Coyote removal: can the short-term application of a controversial management tool improve female greater sage-grouse survival or nest success? *Wildlife Biology* 1: 1–8.



- Taylor, J.D., R.D. Holt, E.K. Orning\*, **J.K. Young**. 2017. Greater sage-grouse nest survival in Northwestern Wyoming. *Journal of Wildlife Management*. 81(7): 1219-1227.
- Mech, L.D., C. Asa, P. Callahan, B. Christensen, **J.K. Young**. 2017. Studies of wolf x coyote hybridization via artificial insemination. *PLoS One* 12(9): e0184342.
- Schell, C. \*, **J.K. Young**, E.V. Lonsdorf, J.M. Mateo, R.M. Santymire. 2017. Investigation of techniques to measure cortisol and testosterone concentrations in coyote hair. *Zoo Biology* 36(3): 220-225.
- Ribeiro, S., J. Dornig, A. Guerra, J. Jeremic, J. Landry, D. Mettler, V. Palacios, U. Pfister, S. Ricci, R. Rigg, V. Salvatori, S. Sedefchev, E. Tsingarska, L. van Bommel, L. Vielmi, **J.K. Young**, and M. Zingaro. 2017. Livestock guarding dogs today: Possible solutions to perceived limitations. *Carnivore Damage Prevention News* 15: 36-53.

## 2016

- Schell, C.J. \*, **J.K. Young**, E.V. Lonsdorf, J.M. Mateo, R.M. Santymire. 2016. Olfactory attractants and parity affect prenatal androgens and territoriality of coyote breeding pairs. *Physiology & Behavior* 165: 43-54.
- Young, J.K.** 2016. Modifying M-44s to reduce risk of M-44 activation by swift fox. *Wildlife Society Bulletin* 40: 800-805.
- Hopken, M., E. Orning\*, **J.K. Young**, A. Piaggio. 2016. Molecular forensics in avian conservation: A DNA-based approach for identifying mammalian predators of ground-nesting birds and eggs. *BMC Research Notes* 9: 14.
- Orning, E. \*, **J.K. Young**. 2016. Impacts of coyote removal on space use by greater sage-grouse. *Human-Wildlife Interactions* 10(2): 144-156.

## 2015

- Young, J.K.**, Z. Ma, A. Laudati, J. Berger. 2015. Human–carnivore interactions: Lessons learned from communities in the American West. *Human Dimensions of Wildlife* 20(4): 349-366.
- Young, J.K.**, E. Miller, A. Essex†. 2015. Evaluating fladry designs to improve utility as a non-lethal management tool to reduce livestock depredation. *Wildlife Society Bulletin* 9999: 1-5.
- Young, J.K.**, M. Mahe†, S.W. Breck. 2015. Evaluating behavioral syndromes in coyotes (*Canis latrans*). *Journal of Ethology* 33(2): 137-144.

## 2014

- MacLean E.L., B. Hare, C.L. Nunn, ...**J.K. Young**, T.R. Zentall, Y. Zhao. 2014. The evolution of self-control. *PNAS*.  
*Featured at sciencedaily.com and nationalgeographic.com*
- Curtis, J., L. Flint, A. Flint, J. Lundquist, B. Hudgens, E. Boydston, **J.K. Young**. 2014. Incorporating cold-air pooling into downscaled climate models to assess snow-covered habitat throughout the Sierra Nevada Ecoregion, CA. *PLoS One* 9(9): e106984.
- Mech, L.D., B. Christensen, C. Asa, P. Callahan, **J.K. Young**. 2014. Production of hybrids between western gray wolves and western coyotes. *PLoS One* 9(2): e88861.
- Poessel, S.A. \*, E.M. Gese, and **J.K. Young**. 2014. Influence of habitat structure and food on coyote patch choice. *Applied Animal Behavior Science* 157: 127–136.
- Bayarbaatar, B. \*, **J.K. Young**, J. Berger, T.K. Fuller. 2014. Calving site selection patterns of saiga antelope in Mongolia. *Journal of Zoology* 294(4): 241-247.
- Shivik, J.A., L. Mastro, **J.K. Young**. 2014. Animal attendance at M-44 sodium cyanide ejector sites for coyotes. *Wildlife Society Bulletin* 38(1): 217-220.
- Mahamane, S. \*, K. Grunig†, J. Baker\*, **J.K. Young**, K. Jordan. 2014. Memory-based quantity discrimination in coyotes (*Canis latrans*). *Animal Behavior and Cognition* 1(3): 341-351.
- Berensten, A.R., **J.K. Young**, S.P. Brummer, K.C. VerCauteren. 2014. Evaluation of six ONRAB® Ultralite bait flavor matrices delivered to coyotes (*Canis latrans*): implications for oral rabies vaccination. *Journal of Veterinary Behavior: Clinical Applications and Research* 9(5): 258-261.
- Miller, E., **J.K. Young**, S. Stelting, B. Kimball. 2014. Efficacy of Ropel® as a coyote (*Canis latrans*) repellent. *Human-Wildlife Interactions* 8(2): 271-278.

## 2013

- Schell, C.J. \*, **J.K. Young**, E. Lonsdorf, R. Santymire. 2013. Anthropogenic and physiologically induced stress

responses in captive coyotes (*Canis latrans*). *Journal of Mammalogy* 94(5): 1131-1140.

Bayarbaatar, B. \*, T.K. Fuller, A.E. Fine, B. Chimeddorj, **J.K. Young**, J. Berger. 2013. Changes in grouping patterns of saiga antelope in relation to intrinsic and environmental factors in Mongolia. *Journal of Zoology* 291(1): 51-58.

Bayarbaatar, B. \*, **J.K. Young**, J. Berger, A.E. Fine, B. Lkhagvasuren, P. Zahler, T.K. Fuller. 2013. Factors affecting survival and cause-specific mortality of saiga calves in Mongolia. *Journal of Mammalogy* 94(1): 127-136.

## 2012

**Young, J.K.**, B. Hudgens, D. Garcelon. 2012. Estimates of energy and prey requirements of wolverines. *Northwest Science* 86(3): 221-229.

Flatz, R. \*, M. González-Suárez\*, **J.K. Young**, C. Hernández\*, L.R. Gerber. 2012. Weak polygyny in California sea lions and the potential for alternative mating strategies. *PLoS One* 7(3): e33654.

Gese, E.M., P.A. Darrow, J.A. Shivik, B.A. Kimball, J. Hurley, **J.K. Young**. 2012. Effectiveness of theobromine and caffeine mixtures in coyote lure operative devices as a predacide: A simulated field study. *Sheep and Goat Research Journal* 27: 26-31.

## 2011

**Young, J.K.**, K.A. Olson, R.P. Reading, S. Amgalanbaatar, J. Berger. 2011. Is wildlife going to the dogs? The impact of feral and free-roaming dogs on wildlife populations. *BioScience* 61: 125-132. *Featured by Reuters Press, Utah NPR, and 2 Brazil and 1 U.S. newspaper*

Atwood, T., **J.K. Young**, J. Beckmann, S. Breck, J. Fike, O. Rhodes, K. Bristow. 2011. Modeling connectivity of black bears in a desert sky island archipelago. *Biological Conservation* 144: 2851-2862.

Ausband, D.E. \*, **J.K. Young**, B. Fannin, M.S. Mitchell, J.L. Stenglein, J.A. Shivik. 2011. Hair of the dog: Obtaining samples from coyotes and wolves noninvasively. *Wildlife Society Bulletin* 35: 105-111.

French S.S., M. Gonzalez-Suarez\*, **J.K. Young**, L.R. Gerber. 2011. Human disturbance influences reproductive success and growth rate in California sea lions (*Zalophus californianus*). *PLoS One* 6(3): e17686.

Wilson, R.A. \*, **J.K. Young**, J.A. Shivik. 2011. Coyote capture vulnerability relative to territory use and trap density. *Journal of Wildlife Management* 75(3): 721-725; 2011.

## 2010

Gerber, L., M. González-Suárez\*, C. Hernández\*, **J.K. Young**, J. Sabo. 2010. The cost of male aggression and polygyny in California sea lions (*Zalophus californianus*). *PLoS One* 5: e12230.

Green, D. †, **J.K. Young**, C. Hernández\*, L. Gerber. 2010. Developing a non-invasive indicator of pinniped health: neonate behavior and growth in California sea lions (*Zalophus californianus*). *Ciencias Marinas* 36: 311-321.

## 2009

Buuveibaatar, B. \*, **J.K. Young**, A. Fine. 2009. Mongolian saiga in Sharga Nature Reserve: Are domestic dogs a threat to saiga? *Mongolian Journal of Biological Sciences* 7: 37-43.

**Young, J.K.**, K.M. Murray, S. Strindberg, B. Buuveibaatar, and J. Berger. 2009. Population estimates of Mongolian saiga: implications for effective monitoring and population recovery. *Oryx* 44: 285-292.

Holcomb, K. †, **J.K. Young**, L.R. Gerber. 2009. The influence of human disturbance on California sea lions during the breeding season. *Animal Conservation* 12: 592-598

## 2008

**Young, J.K.**, M. González-Suárez\*, L.R. Gerber. 2008. Determinants of agonistic interactions in California sea lions. *Behaviour* 145: 1797-1810.

**Young, J.K.**, S. Glasscock, and J.A. Shivik. 2008. The influence of food abundance and distribution on coyote space use and diet. *Journal of Mammalogy* 89: 1094-1104.

Berger, J., **J.K. Young**, K. Berger. 2008. Protecting migration corridors: challenges and optimism for Mongolian saiga. *PLoS Biology* 6: e165. *\*invited article*

Jacobs, D.F. †, C.J. Hernández\*, **J.K. Young**, and L.R. Gerber. 2008. The role of aggressive behavior in territorial disputes in California sea lions. *Journal of Mammalogy* 89: 1212-1217.

Robertson, K. †, C.W. Runcorn†, **J.K. Young**, and L.R. Gerber. 2008. Spatial and temporal patterns of territory use of male California sea lions in the Gulf of California, Mexico. *Canadian Journal of Zoology* 86: 237-244.



- Young, J.K.**, and L.R. Gerber. 2008. The influence of social composition on reproductive behavior of territorial male California sea lions. *Aquatic Mammals* 34: 102-108.
- Berger, J., K. Murray Berger, S. Bergen, B. Bayarbaatar, A. Fine, B. Lkhagvasuren, **J.K. Young**, and P. Zahler. 2008. Migration Bottlenecks, Climate, and the conservation of Pleistocene relicts in central Asia. *The Open Conservation Biology Journal* 2: 9-10.

## 2007

- Young, J.K.**, C. Hernández-Camacho\*, L.R. Gerber. 2007. Long-distance movement of a pinniped neonate. *Marine Mammal Science* 23(4): 926-930.

## 2006

- Young, J.K.**, W.F. Andelt, and J.A. Shivik. 2006. A comparison of coyote ecology after 25 years: 1978 versus 2003. *Canadian Journal of Zoology* 84(4): 573-582.
- Young, J.K.**, and J.A. Shivik. 2006. What carnivore biologists can learn from bugs, birds, and beavers: A review of spatial theories. *Canadian Journal of Zoology* 84(12): 1703-1711.

## 2004

- Young, J.K.**, and W.L. Franklin. 2004. Site-fidelity of territorial male guanacos in the Patagonia of southern Chile. *Journal of Mammalogy* 85: 72-78.
- Young, J.K.**, and W.L. Franklin. 2004. Activity budget patterns in mating and non-mating territorial male guanacos. *Revista Chilena de Historia Natural* 77: 617-625.

## BOOK CHAPTERS

1. Elsbeth McPhee, M., B. Clucas, **J.K. Young**. *In press*. Animal behavior. In: *Wildlife Techniques Manual*, 9 Ed. N.J. Silvy.
2. **Young, J.K.** 2025. Cougar research and management needs. In: *Cougar Management Guidelines*.
3. Stanton, L.A., C.E. Wilkinson, L. Angeloni, S. Benson-Amram, C.J. Schell, **J.K. Young**. 2024. Animal behavior, cognition, and human-wildlife interactions in urban areas. In: *Conservation within Cities, and the Central Role of Equity in Addressing the Biodiversity Crisis*, Eds. C.J. Schell, M. Lambert.
4. **Young, J.K.**, A.R. Butler, J.D. Holbrook, H. Shamon, R.C. Lonsinger. 2023. Chapter 16: Mesocarnivores of western landscapes. In: *Rangeland Wildlife Ecology and Conservation*, eds. L.B. McNew, D.K. Dahlgren, J.L. Beck.
5. Dahlgren, D.K., R.D. Elmore, D.A. Smith, A.I. Hurt, E.B. Arnett, J.W. Connelly, D. Kinka\*, and **J.K. Young**. 2020. Use of dogs in wildlife research and management. In: *Wildlife Techniques Manual*, 8 Ed. N.J. Silvy.
6. **Young, J.K.** and J.S. Green. 2015. Predator damage control. In: *Sheep Production Handbook*, Vol. 8. American Sheep Industry, Fort Collins, CO.

## REFEREED LETTERS

1. **Young, J.K.**, J. Steuber, A. Few, A. Baca, Z. Strong. 2018. Letter from the Conservation Frontlines - When strange bedfellows go all in: A template to implementing non-lethal strategies aimed at reducing carnivore predation of livestock. *Animal Conservation*. doi:10.1111/acv.12453.
2. **Young, J.K.**, L.R. Gerber, and C. D'Agrosa. 2007. Letters - Wildlife population increases in Serengeti National Park. *Science* 315: 1790.

## OTHER PEER-REVIEWED PUBLICATIONS

1. **Young, J.K.**, D.L. Bergmann, M. Ono. 2018. Commentary - Bad dog: Feral and free-roaming dogs as agents of conflict. *Animal Conservation* 21:285–286. (featured at BBC News, Environment)  
Featured by BBC News: <https://www.bbc.com/news/science-environment-45646027>.
2. Gordon, I.J., R. Altwegg, D.M. Evans, J.G. Ewen, J.A. Johnson, N. Pettorelli, and **J.K. Young**. 2018. 20th Anniversary Editorial: *Animal Conservation* 1998–2018. *Animal Conservation* 21: 1-2.
3. Gordon, I.J., R. Altwegg, D.M. Evans, J.G. Ewen, J.A. Johnson, N. Pettorelli, **J.K. Young**. 2016. Reducing agricultural loss and food waste: how will nature fare? *Animal Conservation*. doi:

10.1111/acv.12290

4. Johnson, J.A., R. Altwegg, D.M. Evans, J.G. Ewen, I.J. Gordon, N. Pettorelli, **J.K. Young**. 2016. Is there a future for genome-editing technologies in conservation? *Animal Conservation* 19: 97-101. doi: 10.1111/acv.12273
5. **Young, J.K.** 2014. Invited Book Review – Dogs day in wildlife conservation. *Ecology* 95: 2681-2683.
6. Mastro, L.L., E.M. Gese, **J.K. Young**, J. A. Shivik. 2012. What do we know? A literature review of the eastern coyote. *Proceedings of the 14<sup>th</sup> Wildlife Damage Management Conference*, pages 129-131.
7. Buuveibaatar, B.\*, **J.K. Young**, B. Lhagvasuren, J. Berger, A.E. Fine. 2010. Mongolian saiga calf survival: update. *Saiga News* 10.
8. Buuveibaatar, B.\*, **J.K. Young**, A.E. Fine. 2009. Research on the potential effects of domestic dogs on Mongolian saiga in Shargyn Gobi NR, Mongolia. *Saiga News* 9: 15-16.
9. **Young, J.K.**, S. Strindberg, L. Amgalan, B. Buuveibaatar\*, A.E. Fine, J. Berger, B. Lhagvasuren. 2009. Outcome of workshop on population estimation methodologies for Mongolian saigas. *Saiga News* 9: 19-20.
10. **Young, J.K.**, B. Buuveibaatar\*, A.E. Fine, B. Lhagvasuren, J. Berger. 2008/2009. Mongolian saiga calves captured and collared. *Saiga News* 8: 8.
11. **Young, J.K.** 2008. Saving saiga – the world’s most northern antelope. *Copel Magazine* (Children’s magazine in China).
12. Berger, J., K. Berger, **J.K. Young**, B. Buuveibaatar. 2007/2008. Research on population estimates and movements of the Mongolian saiga, 2006-07. *Saiga News* 6: 11.

#### **PUBLISHED REPORTS & OUTREACH**

1. Gonzalez, M.N., S. Wilson, R. Nickerson, M. Hyde, C. Purdy, **J.K. Young**, S.W. Breck, K. Crooks. 2024. Final Report: Assessment of the Northeast Washington Wolf-Livestock Management Program - 2021-2023 Seasons. Washington Department of Fish and Wildlife.
2. Nickerson, R., M. Collins, B. Owens, J. Shepherd, N. Owens, E. Nunlist, **J.K. Young**, E. Edge, A. Few, J. Beaver. 2024. Range Riding Producer Tool Kit. Western Landowners Alliance.
3. **Young, J.K.** 2022. Preventing livestock losses to large carnivores. *Progressive Cattle Magazine*.
4. **Young, J.K.**, S.W. Breck, J.T. Schultz, E.M. Gese. 2021. Final report: Efficacy of new nonlethal projects by Wildlife Services. Wildlife Services report.
5. Orning, E.K.\* and **J.K. Young**. 2013. Bighorn Basin Greater Sage-Grouse project 2012 – final report. Meeteetse County Conservation District, Wyoming.
6. Riley, S.P., Young, J.K., and S. Gehrt. 2012. Assessment of human-coyote conflicts: City and County of Broomfield, Colorado, final report. Broomfield, CO. 38 p.
7. Garcelon, D. K., R. Rall, B. R. Hudgens, **J. K. Young**, R. Brown and S. Kohlmann. 2009. Feasibility assessment and implementation plan for population augmentation of wolverines in California. Prepared by the Institute for Wildlife Studies, Arcata, CA. 120 pp.
8. Beckmann, J.P., K.M. Berger, **J.K. Young**, and J. Berger. 2008. Wildlife and energy development: pronghorn of the Upper Green River Basin – year 3 summary. Wildlife Conservation Society, Bronx, NY. Available for download from <http://www.wcs.org/yellowstone>.

#### **PRESENTATIONS & POSTERS**

- Young, J.K. 2024. Applied animal behavior for human-wildlife coexistence. Ecological Congress of Mexico. Keynote speaker for symposium on Human-wildlife coexistence. *Invited talk*
- Young, J.K. 2024. Livestock guardian dogs: Research lessons. Texas A&M Extension webinar. *Invited talk*
- Young, J.K., W. Sarmiento. 2024. Reinventing traditional practices: Efficacy of livestock guardian dogs at keeping an apex predator away from people. The Wildlife Society Annual Conference - symposium.
- Young, J.K. 2023. Applying animal behavior for reducing carnivore conflicts. Science on Tap, The Cache, Logan, UT. *Invited talk*
- Young, J.K., K.N. Engebretsen\*, D. DeBloois, C. Rushing. 2023. The influence of maternal behavior on survival of neonates in a solitary carnivore. The Wildlife Society Conference.

Young, J.K. 2023. Prey free predators: implications to behavior and cognition. Oregon State University, Ecology Seminar Series. *Invited talk*

Young, J.K. et al. 2022. Boldness in coyotes across the USA. The Wildlife Society Annual Conference.

Engelbrechten, K., R. Evan, D. DeBloois, J.K. Young. 2022. The effects of scavenging by black bears on cougar foraging and vigilance behavior. The Wildlife Society Annual Conference.

Turano, A., S.P. Brummer, J.K. Young, S.M. Freeman. 2022. Laying the groundwork for investigating the biological basis of social monogamy in coyotes. The Wildlife Society Annual Conference.

Stanton, L., J.K. Young, C.J. Schell. 2022. The effects of dietary supplementation on the cognitive performance of coyotes (*Canis latrans*). Animal Behavior Society Annual Conference.

Beaver, J., S.W. Breck, G. Burnett, A. Few, E. Harkness, M. Hyde\*, K. Kunkel, R. Nickerson\*, J. Shepherd, J.K. Young. 2022. Tools to manage conflicts and range health on landscapes shared with livestock and predators. 77th SWCS International Annual Conference.

Jordan, K.E., S. Mahamane\*, J. Haynes\*, J.K. Young. 2022. Ecological factors shape quantitative decision-making in coyotes. Mathematical Cognition and Learning Society Conference.

Engelbrechten, K.N.\*, R. Evans, D. DeBloois, J.K. Young. 2022. Does variation in maternal care influence neonate cougar survival in Utah? Utah Chapter of The Wildlife Society Annual Conference.

Evans, R.K. Engelbrechten, D. DeBloois, J.K. Young. 2022. Scaredy cats and bully bears: The effects of a dominant predator, the American black bear, on cougar feeding behavior in Utah. Utah Chapter of The Wildlife Society Annual Conference.

Floyd, N.\*, D. DeBloois, J.K. Young. 2022. Investigating cause-specific mortality of domestic sheep and impacts of Predators. Utah Chapter of The Wildlife Society Annual Conference.

Sandbach, C.\*, P. Budy, J.K. Young. 2022. Beaver translocation in a desert river. Poster - Utah Chapter of The Wildlife Society Annual Conference.

Young, J.K. 2021. Applying animal behavior to wildlife management. Aaniiih Nakoda College. *Invited talk*

Garcia, A., M. Parsons\*, J.K. Young. 2021. Effects of early-life experience on innovation and problem-solving in captive coyotes. Animal Behavior Society Conference.

Parsons, M.\*, A. Garcia, J.K. Young. 2021. Effects of foraging mode on the behavior of captive coyotes. Animal Behavior Society Conference.

Turano, A., J.K. Young, S.M. Freeman. 2021. Using a partner preference test to quantify monogamous behavior in a captive coyote colony. Animal Behavior Society Conference.

Turano, A., J.K. Young, S.M. Freeman. 2021. Using VHF proximity-tracking collars to quantify monogamous behavior in captive coyotes - Poster. Society for Behavioral Neuroendocrinology Conference.

Freeman, S.M., A. Turano, J.K. Young. 2021. Using partner preference test to quantify monogamous behavior in a captive coyote colony. Society for Behavioral Neuroendocrinology Conference.

Freeman, S.M., A. Turano, J.K. Young. 2021. Forebrain oxytocin and vasopressin 1A receptor distributions in the monogamous coyote. Society for Behavioral Neuroendocrinology Conference.

Young, J.K. 2021. Urban carnivore behavior and the role of human culture. University of Washington, Fish and Wildlife Ecology Seminar Series. *Invited talk*

Engelbrechten, K.N.\*, D. DeBloois, J.K. Young. 2021. Cougar predation across environments and seasons. The Wildlife Society – Utah Chapter Conference. *Best student presentation award*

Doden, E.\*, P. Budy, J.K. Young. 2021. Who leaves and who stays to build a dam? A comparison of naturally occurring and translocated beaver ecology in desert river restoration sites. The Wildlife Society – Utah Chapter Conference.

Parsons, M.\*, J.K. Young. 2021. Behavioral and ecological consequences of predators without prey. The Wildlife Society – Utah Chapter Conference.

Floyd, N.\*, J.K. Young. 2021. Investigating cause-specific mortality of sheep to determine the impacts of predators on domestic livestock. Poster - The Wildlife Society – Utah Chapter Conference.

Young, J.K. 2020. Applying animal behavior to wildlife management. Michigan State University, Department of Integrative Biology. *Invited talk*

Young, J.K. 2019. Reducing risk of depredation - Research findings on livestock guard dogs. Jackson County, OR extension office. *Invited talk*

- Engebretsen, K.N.\*, J.P. Beckman, C.W. Lackey, A. Andreasen, J.K. Young. 2019. Impacts of recolonizing black bears on cougar predation behavior. The Wildlife Society Annual Conference.
- Doden, E.\*, P. Budy, J.K. Young. 2019. One of the locals or new in town: Comparing resident and translocated beaver ecology at stream restoration sites. Poster, The Wildlife Society Annual Conference.
- Young, J.K. 2019. Urban carnivore behavior and the role of human culture. Animal Behavior Society Conference. *Invited symposium*
- Young, J.K. 2019. Loving our Natural Resources to Death - The case of carnivores. The Wildlife Society - Utah Conference. *Plenary speaker*
- Young, J.K. 2019. Urban carnivores. Ucross High Plains Stewardship Initiative, Yale School of Forestry & Environmental Studies. *Invited speaker*
- Young, J.K. 2019. Human-carnivore conflicts in the American West. Ucross Western Speaker Series, Yale School of the Environment. *Invited speaker*
- Young, J.K. 2018. Using animal behavior for wildlife management. UC Berkeley, seminar. *Invited speaker*
- Young, J.K., J. Golla\*, D. Broman, T. Blankenship, R. Heilburn. 2018. Resource use and density of bobcats in an extremely urbanized area. The Wildlife Society's 25th Annual Conference, Cleveland, Ohio. *Invited symposium participant*
- Young, J.K., S.W. Breck. 2018. Experimental evidence for fear as a tool to manage human-wildlife conflict. The Wildlife Society's 25th Annual Conference, Cleveland, Ohio. *Invited symposium participant*
- Young, J.K., L. Touzot\*, S. Brummer. 2018. The role of neophobia and social rank in social learning by coyotes. Poster at The Wildlife Society's 25th Annual Conference, Cleveland, Ohio.
- Young, J.K. 2018. LPD study results. American Sheep Industry Annual Meeting, San Antonio, Texas.
- Coppock, L., J.K. Young, M. Baynes-Rock, G. Yirga. 2018. Human dimensions of the spotted hyena in Ethiopia. Society for Range Management Annual Meeting, Sparks, Nevada.
- Young, J.K., P.J. Mahoney\*. 2017. Foraging behavior of coyotes under predation risk by cougars: an experimental approach. The Wildlife Society Annual Conference, Albuquerque, New Mexico.
- Young, J.K. 2017. Research on non-lethal tools in the USA. Wolf Depredation of Livestock Workshop in Schleswig-Holstein. Leck, Germany. *Invited speaker*
- Young, J.K., D.L. Coppock, G. Yirga. 2017. Hyenas, humans, and landscapes. Mekelle University, Mekelle, Ethiopia.
- Young, J.K. 2017. Visiting the toolshed: An overview of non-lethal & lethal tools. Non-lethal Tools Workshop, Medford, Oregon. *Invited speaker*
- Young, J.K., P.J. Mahoney\*. 2017. Foraging behavior of coyotes under predation risk by cougars: an experimental approach. 12<sup>th</sup> Mountain Lion Workshop, Estes Park, Colorado.
- Young, J.K. 2017. Final update on the LPD study. American Sheep Industry Annual Meeting, Denver, Colorado.
- Schell, C.J.\*, J.K. Young, E.V. Lonsdorf, R.M. Santymire, and J.M. Mateo. 2016. Experience breeds competitors: Parity positively affects litter sizes, boldness, and hormones in coyote pups. American Society of Mammalogy Annual Meeting.
- Nyman, L.E.†, S.P. Mahamane\*, J.K. Young, K.E. Jordan. 2016. Spatial discounting in coyotes (*Canis latrans*) across the breeding cycle under risky and normal conditions. The 86th Rocky Mountain Psychological Association Conference, Denver, Colorado.
- Young, J.K. 2016. Guard animals for livestock protection. Non-lethal tools workshop, Montrose, Colorado. *Invited*
- Myers, P.\*, L. McFarlane, J.K. Young. 2016. Rehabilitated, orphaned black bears: a spatial analysis of wild activity and comparative study with behavioral tests. Utah Chapter Meeting, The Wildlife Society, St George, Utah.
- Poessel, S.A.\*, E.M. Gese, and J.K. Young. 2015. Environmental factors influencing the occurrence of coyotes and conflicts in urban areas. 22nd Annual Conference, The Wildlife Society, Winnipeg, Manitoba.
- Young, J.K. 2015. Livestock protection animals for predators. Non-lethal tools workshops. Dickinson, North Dakota. *Invited*
- Young, J.K. 2015. Livestock protection animals for predators. Non-lethal tools workshops. Valley City, North Dakota. *Invited*
- Young, J.K. 2015. History of research at National Wildlife Research Center (1) and Livestock protection guard dog research for larger predators (2). Living with Wildlife While Managing Working Landscapes, hosted by

- Hopland Research and Extension Center. Hopland, California. *Invited speaker, two presentations*
- Young, J.K., D. Kinka\*. 2015. Livestock protection guard dog research for larger predators: research in the United States. LGDs - From Tradition to Modernity: How to Assess, Improve and Innovate, hosted by Grupo Lobo (Portugal) and the Instituto di Ecologia Applicata (Italy). Castelo Branco, Portugal. *Invited speaker*
- Young, J.K. 2015. Use of adaptive deterrent management strategies. Idaho Non-lethal Tools Workshop. Idaho. *Invited*
- Schell, C.J.\*, Young, J. K., Mateo, J. M., and Santymire, R. S. 2015. Developmental experience and its impact on adult temperament types in the coyote (*Canis latrans*). International Urban Wildlife Conference, Chicago, Illinois.
- Johnson, M.E.\*, D. Broman, J. Golla\*, J.K. Young, R. Heilbrun, B. Johnson, M. Mills, V. Bennett, T. Blankenship. 2015. Food Habits of Bobcats in the Dallas Fort Worth Metroplex. Poster, International Urban Wildlife Conference, Chicago, Illinois.
- Young, J.K. 2015. Use of adaptive deterrent management strategies. Montana Non-lethal Tools Workshop. Poulson, Montana. *Invited speaker*
- Young, J.K. 2014. Reducing risk of M-44 take by swift fox. WS North and South Dakotas State Meeting. Bismarck, North Dakota. *Invited speaker*
- Young, J.K. 2014. Use of adaptive deterrent management strategies. Oregon Non-lethal Tools Workshop. Pendleton, Oregon. *Invited speaker*
- Golla, J.\* and J.K. Young. 2014. Urban bobcat (*Lynx rufus*) ecology in Dallas-Fort Worth, Texas. Welder Wildlife Symposium, Sinton, Texas.
- Young, J.K., P.J. Mahoney\*, and J.A. Shivik. 2014. Cougar space use on a landscape with high levels of anthropogenic disturbance in southcentral Utah. 11<sup>th</sup> Mountain Lion Workshop, Cedar City, Utah.
- Mahoney, P.J.\*, J.K. Young, J.A. Shivik, and D.A. Stoner. 2014. Program Cluster: identifying predation events through clustered GPS data. 11<sup>th</sup> Mountain Lion Workshop, Utah.
- Mahoney, P.J.\*, and J.K. Young. 2014. Cougar predation of coyotes: implications for mule deer management. Gordon Research Conferences: Predator-Prey Interactions, Ventura, California.
- Schell, C.J.\*, Young, J. K., Mateo, J. M., and Santymire, R. S. 2014. Novel olfactory stimulants provided during pregnancy influence litter temperament and hormones in coyotes. The Wildlife Society Conference, Pittsburgh, Pennsylvania.
- Schell, C.J.\*, J.K. Young, R.S. Santymire, and J.M. Mateo. 2014. The proximate impacts of parental effects on investigative behaviors and physiology in coyotes (*Canis latrans*). 51<sup>st</sup> Animal Meeting of the Animal Behavior Society.
- Mills, M.\*, R. Denkhaus, M. Slattery, V. Bennet, J.K. Young. 2014. Monitoring urban bobcats in Fort Worth/Dallas, Texas. American Society of Mammalogists annual meeting poster presentation.
- Mahoney, P.\*, J.K. Young, D.C. Stoner, J.A. Shivik, S.M.C. Cavalcanti, E.M. Gese. 2013. Find that cache: identifying predation events through clustered GPS data. The Wildlife Society, Utah Chapter Conference. *\*won best student presentation award*
- Orning, E.\*, J.K. Young. 2012. Effects of predator removal on Greater Sage-Grouse ecology in the Bighorn Basin Conservation Area of Wyoming. The Wildlife Society National Conference poster presentation.
- Christensen, B.W., C.S. Asa, C. Wang, J.K. Young. 2012. Use of a deslorelin implant to induce estrus in coyotes (*Canis latrans*). International Congress of Animal Reproduction poster presentation.
- Young, J.K., S. Breck, E. Gese. 2012. Reducing conflict and increasing ecological knowledge of urban carnivores. IV<sup>th</sup> International Wildlife Management Conference poster presentation.
- Schell, C.J.\*, E.V. Lonsdorf, J.M. Mateo, R.M. Santymire, J.K. Young. 2012. Influence of parental effects on the development of temperament traits in coyote offspring (*Canis latrans*). American Society of Mammalogists Annual Meeting poster presentation.
- Orning, E.\*, J.J. Pehringer, J.K. Young. 2011. Mortality, predation, and space use of Greater Sage-Grouse (*Centrocercus urophasianus*) in the Bighorn Basin. The Wildlife Society, Wyoming Chapter Annual Meeting poster presentation.
- Young, J.K. 2011. Understanding relationships and mechanisms involving predators and humans. Department of Wildland Resources seminar series. Utah State University.

Young, J.K., K.M. Murray, S. Strindberg, B. Buuveibaatar, J. Berger. 2010. Population estimates of Mongolian saiga: implications for effective monitoring & population recovery. The Wildlife Society Annual Meeting, Snowbird, Utah.

Young, J.K. 2009. Understanding saiga ecology for effective conservation. Humboldt State University. *Invited speaker*

Young, J.K. 2007. Coyote movement patterns and resource availability. CRES Seminars, San Diego Zoo. *Invited speaker*

### **GRADUATE ADVISOR - Utah State University**

April Wood. 2024-present. M.S. Non-lethal tools to reduce depredation by mountain lions.

S. Lovin. 2024-present. M.S. Red wolf breeding behavior.

Sara Fisher. 2024-present. M.S. Black bear population estimates and behavior in Michigan.

Lori McCurdy. 2024-present. M.S. Efficacy of drones to reduce livestock depredation.

Lindsey Engelbert. 2022-present. Ph.D. Population and health monitoring of carnivores.

Molly Alves. 2022-present. M.S. Beaver translocation activity and policy review. *Recipient: Christine Stevens Award, \$15,000.*

Neville Taraporevala. 2022-2024. M.S. Urban canid ecology.

John Randolph. 2022-2024. M.S. Cougar dispersal in a non-hunted population.

Rachael Nickerson. 2021-present. Ph.D. Efficacy of range riders. *Recipient: Christine Stevens Award, \$15,000 & WSARE Student Research Grant, \$33,000.*

Mitchell Parsons. 2020-2024. Ph.D., *USU Presidential Fellow (2020-2023) & PhD Student of the Year (2024).* Cougar-pig-deer interactions.

Christine Sandbach. 2021-2023. M.S. Beaver translocation and pathogens.

Nate Floyd. 2020-2022. M.S., Utah State University. Cause-specific mortality of domestic sheep.

Emma Doden. 2019-2021. M.S., *M.S. Student of the Year.* Beaver translocations.

Kristin Engebretsen. 2018-2023. Ph.D. Cougar ecology & black bear interactions.

Xaela Walden. 2017-2025. M.S., Utah State University. Coyote bounty.

Jeff Schultz. 2014-2017. M.S. Coyote enrichment.

Patrick Myers. 2014-2016. M.S. Black bear behavior and rehabilitation.

Julie Golla. 2013-2017. M.S., Utah State University. Urban bobcat ecology.

Danny Kinka. 2012-2019. Ph.D., *College of Natural Resources Quinney Fellow.* Livestock guardian dogs.

Peter Mahoney. 2011-2016. Ph.D. Coyote removal for mule deer production.

Elizabeth Orning. 2011-2013. M.S. Predator impacts on sage-grouse.

### **GRADUATE STUDENT COMMITTEE MEMBER**

S. Bardot, M. Brown, T. Del Bosco, S. Hill, D. Hopkins, P. Jackson, B. Ledbetter, T. Proescholdt, S. Mabray, J. Schwabedissen, E. Stevenson, M.S., Utah State University.

A. Hess, M.N.R., Utah State University.

M. Chelak, J. Draper, S. Garrett, J. Haynes, C. Long, S. Poessel, L. Sermersheim, Ph.D., Utah State University.

C.J. Schell, Ph.D., University of Chicago.

C. Fay, K. Vo, M.S., California State University, Long Beach.

A. Shawler, Ph.D., University of California, Berkeley (qualifying exams).

J. VanBourg, Ph.D., Arizona State University.

M. Hyde, Ph.D., Colorado State University.

### **UNDERGRADUATE STUDENT PROJECT ADVISOR**

R. Jensen. 2016-2017. Behavioral preferences within the Southern Resident Killer Whale population at Lime Kiln Point State Park. URCO/Honor's Project, Utah State University.

D. Reed. 2015-2016. The effects of hazing on urban coyotes. B.S. Honor's Thesis, Utah State University.

B. Bayarbaatar. 2008-2009. Potential impacts of free-roaming dogs on Mongolian saiga. EDGE, Zoological Society

of London award recipient.

D. Green. 2006-2009. Noninvasive methods to assess individual health in California sea lions. Arizona State University Research Fellow.

K. Holcomb. 2006-2008. Effects of human disturbance on California sea lion behavior. Arizona State University Research Fellow.

D. Jacobs. 2006-2007. The role of aggressive behavior in territorial disputes in California sea lions. Arizona State University Research Fellow.

K. Robertson. 2006-2007. Spatial and temporal patterns of territory use of male California sea lions. Arizona State University Research Fellow.

## **PROFESSIONAL SERVICE, ACTIVITIES, AND AFFILIATIONS**

Director of Berryman Institute, Department of Wildland Resources, 2024-present.

Graduate Program Faculty Coordinator, Department of Wildland Resources, 2022-present.

Advisory Faculty Member, Ecology Seminar Series, 2022-present.

Chair of Graduate Student Orientation Sessions for Department of Wildland Resources, 2020-2022.

Co-chair of Graduate Student Orientation Sessions for Department of Wildland Resources, 2012-

2020. Journal of Animal Conservation, Senior Editor. August 2015-2022.

Board Member, The Wildlife Society Utah Chapter. 2019-2022.

Animal Behavior Society, Conservation Committee Member. 2019-2022.

WS representative, APHIS Climate Change working group, 2021.

Research Grade Evaluation Panel member, USDA National Wildlife Research Center. 2021, 2015, 2013.

Review team member, Ecology, Evolution, and Behavior Ph.D. program proposal at Boise State University, 2014.

Reviewer for The Wildlife Society annual meetings (presentations), Society for Conservation Biology annual meetings (presentations), Biological Conservation, Conservation Biology, Behavioral Ecology and Sociobiology, Ecosphere, Methods in Ecology and Evolution, Science, and others.

Member of the Safety Committee for USDA's Wildlife Services, 2017-2019.

Member of the Sabbatical Selection Committee for USDA's National Wildlife Research Center, 2015-2017.

Member of the Publications Committee for USDA's National Wildlife Research Center, 2012-2015.

APHIS Representative, USDA Climate Change Program Office's Southwest Sub-Hub, California, 2014-2016.

Member of American Society of Mammalogists (past), Animal Behavior Society (current), The Wildlife Society (current).

Reviewer for Utah Agricultural Experiment Station grant program, 2013.

Member of the Department of Wildland Resources search committees for Assistant Professor of Large Mammal Ecology, 2012; Quantitative Ecologist, 2017; Assistant Professor/Assistant Coop Unit Leader, USGS, 2020; WILD Department Head, 2023; Assistant Professor of Movement Ecology, 2023.

Organizer of Predator Lunch Group weekly brown bag lunch topics, Utah State University. 2005-2006.

Student representative for the Animal Ecology faculty meetings, Iowa State University. 2000.

Seminar Series Coordinator, Animal Ecology Graduate Student Organization, Iowa State University. 2000.

Program Instructor for Teaching Assistant Orientation, Iowa State University. 2000.

Coordinator for Learning to Teach - brown bag series, Iowa State University. 1998-2000.

## **COMMUNITY INVOLVEMENT**

Research presentations to school groups, Rotary clubs, and other events, 2000-present.

English Language Center, volunteer. 2022-present.

Athletics United, volunteer, 2022.

Girls on the Run, assistant coach, 2018-2021.

Akwaaba Foundation, board member, 2015-2019.

Wasatch Roller Derby, skater, committee co-chair, 2015-2016.

Junction City Roller Derby, skater, trainer, and board member, 2010-2015.

Valley Dance Ensemble of Logan, board member, 2005-2006 and 2011-2012.