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Research Interests:

Ecology, conservation, and management of wildlife; consumer-resource dynamics; community assembly and null models; demography and population dynamics of wildlife; ecology, conservation, and natural history of rangeland ecosystems; ecology, conservation, and natural history of mammals.

Professional Employment and Education:

Assistant Professor, 2025, Department of Natural Resource Ecology and Management, Iowa State University.

Professor, 2020-2024, Department of Zoology & Physiology, University of Wyoming.

Associate Professor, 2016-2020, Department of Zoology & Physiology, University of Wyoming.

Assistant Professor, 2010-2016, Department of Zoology & Physiology, University of Wyoming.

Assistant Professor, 2007-2010, Department of Zoology, University of British Columbia.

Postdoctoral Assistant, 2006-2007, University of Florida. Advisor: Todd M. Palmer.

PhD in Biology, 2006, University of New Mexico. Advisor: James H. Brown.

MSc in Wildlife Science, 2002, Purdue University. Advisor: Robert K. Swihart.

BSc in Wildlife Biology, 1998, Kansas State University. Advisors: Donald W. and Glennis A. Kaufman.

Professional Experience:

2002-2006 Independent Researcher and EPA STAR Fellow; Univ. New Mexico, Albuquerque, NM and Mpala Research Centre, Laikipia District, Kenya.

1999-2001 Graduate Assistant; Dept. Forestry and Natural Resources, Purdue Univ., West Lafayette, IN.

1999 Research Technician; Bureau of Land Management, Cedar City, UT.

1998 Research Experience for Undergraduates Program Participant; Institute of Ecosystem Studies, Millbrook, NY. Advisors: Kenneth A. Schmidt and Richard S. Ostfeld.

1997-1998 Independent Researcher; Div. Biology, Kansas State Univ., Manhattan, KS.

1997-1998 Research Technician; Kansas Cooperative Fish and Wildlife Research Unit and Div. Biology, KSU, Manhattan, Kansas State Univ., Manhattan, KS.

Peer-Reviewed Publications (* = student in Goheen's research group; ^U = student or postdoc working in UHURU experiment outside Goheen's research group):

2024 Coverdale, T.C.^U, P.B. Boucher, J. Singh, T.M. Palmer, **J.R. Goheen**, R.M. Pringle, and A.B. Davies. Herbivore regulation of savanna vegetation: structural complexity, diversity, and the complexity-diversity relationship. *Ecological Monographs* 94:e1624.

- 2024 Stiegler, J. et al (105 coauthors). Sensitivities of mammals to capture and tagging: faster recovery in human-disturbed landscapes. *Nature Communications* 15:8079.
- 2024 Karp, A.T., S.E. Koerner, G.P. Hempson, J.O. Abraham, T.M. Anderson, W.J. Bond, D.E. Burkepile, E.N. Fillion, **J.R. Goheen**, J.A. Guyton, T.R. Kartzinel, D.M. Kimuyu, N. Mohanbabu, T.M. Palmer, L.M. Porensky, R.M. Pringle, M.E. Ritchie, M.D. Smith, D.I. Thompson, T.P. Young, and A.C. Staver. Grazing herbivores reduce herbaceous biomass and fire activity across African savannas. *Ecology Letters* 27:e14450
- 2024 Brown, B.R.P.^U, L.M. Khasoha*, P. Lokeny, R.P. Jakopak*, C.G. Reed, M.A. Dyck*, A. Wambua*, S.D. Newsome, T.M. Palmer, R.M. Pringle, **J.R. Goheen**, and T.R. Kartzinel. Spatiotemporal variation in the gut microbiomes of co-occurring wild rodents. *Ecosphere* 15:4854.
- 2024 Esmaeili, S.* , M-R Hemami, P. Kaczensky, K.A. Schoenecker, S.R.B. King, B. Shahriari, C. Walzer, and **J.R. Goheen**. Can pastoralism leave room for wildlife? Rainfall reduces the potential for competitive suppression of a globally endangered ungulate by livestock. *Biological Conservation* 292:110476.
- 2024 Kamaru, D.N.* , T.M. Palmer, C. Riginos, A.T. Ford*, J. Belnap, R.M. Chira, J.M. Githaiga, B.C. Gituku, B.R. Hays*, C. Kavwele, A.K. Kibungei, C.T. Lamb, N.J. Maiyo, P.D. Milligan, S. Mutisya, C.C. Ng'weno*, M. Ogutu, A.G. Pietrek, B.T. Wildt*, and **J.R. Goheen**. Disruption of an ant-plant mutualism shapes interactions between lions and their primary prey. *Science* 383:433-438.
- 2024 Rezvani, A., M-R Hemami, **J.R. Goheen**, P. Kaczensky, S. Pourmanafi, S. Fakheran, and S. Esmaeili*. Rethinking connectivity modeling for high-mobility ungulates: insights from a globally endangered equid. *Landscape Ecology* 39:73.
- 2023 Alston, J.M.* , D.A. Keinath, C.K.R. Willis, C.L. Lausen, J.M. O'Keefe, J.D. Tyburec, H.G. Broders, P.R. Moosman, T.C. Carter, C.L. Chambers, E.H. Gillam, K. Geluso, T.J. Weller, D.W. Burles, and **J.R. Goheen**. Environmental drivers of body size in North American bats. *Functional Ecology* 37:1020-1032.
- 2023 Brito, B.T.* , N.L. Bjornlie, M.D. Carling, and **J.R. Goheen**. Resolving circularity between rarity and resource specialization: an example with smooth-toothed pocket gophers. *Journal of Mammalogy* 104:915-928.
- 2023 Brown, B.R.P.^U, **J.R. Goheen**, S.D. Newsome, R.M. Pringle, T.M. Palmer, L.M. Khasoha*, and T.R. Kartzinel. Host phylogeny and functional traits differentiate gut microbiomes in a diverse natural community of small mammals. *Molecular Ecology* 32:2320-2334.
- 2023 Lujan, E.* , R. Nielsen*, Z. Short*, S. Wicks*, W.N. Watetu, L.M. Khasoha*, **J.R. Goheen**, and J.M. Alston*. Symbiotic acacia-ants drive nesting behavior by birds in an African savanna. *Biotropica* 55:1101-1105.
- 2023 Molina, F.J.* , J.A. Smith, E. Donadio, A.D. Middleton, J.N. Pauli, and **J.R. Goheen**. Food limitation constrains risk avoidance by prey, but does not affect predation rates: an extension of the Starvation-Predation Hypothesis in a large mammal predator-prey system. *Ecosphere* 14:e4701.
- 2023 Pringle, R.M., J.O. Abraham, T.M. Anderson, T.C. Coverdale, A.B. Davies, C.L. Dutton, A. Gaylard, **J.R. Goheen**, R.M. Holdo, M.C. Hutchinson, D.M. Kimuyu, R.A. Long, A.L. Subalusky, and M.P. Veldhuis. Impacts of large herbivores on terrestrial ecosystems. *Current Biology* 33:R584-610.
- 2023 Tucker, M.A. et al (173 coauthors). Behavioral responses of terrestrial mammals to COVID-19 lockdowns. *Science* 380:1059-1064.

- 2023 Wells, H.B.M.^U, R.D. Crego, J.M. Alston*, S.K. Ndung'u, L.M. Khasoha*, C.G. Reed^U, A.A. Hassan, S. Kurukura, J. Ekadel, M. Namoni, P.S. Stewart, D.M. Kimuyu, A.A. Wolf, T.P. Young, T.R. Kartzinel, T.M. Palmer, **J.R. Goheen**, and R.M. Pringle. Wild herbivores enhance resistance to invasion by exotic cacti in an African savanna. *Journal of Ecology* 111:33-44.
- 2022 Alston, J.M.* , M.E. Dillon, D.A. Keinath, I.M. Abernethy, and **J.R. Goheen**. Plasticity in torpor use stabilizes energy expenditure across variable thermal conditions for a widespread bat. *Ecology* 103:e3677.
- 2022 Alston, J.M.* , C.G. Reed^U, L.M. Khasoha*, B.R.P. Brown^U, G. Busienei, N. Carlson, T.C. Coverdale^U, M. Dudenhoeffer*, M.A. Dyck*, J. Ekeno, A.A. Hassan, R. Hohbein*, R.P. Jakopak*, B. Kimiti, S. Kurukura, P. Lokeny, A.M. Louthan^U, S. Musila, T. Tindall, S. Weiner*, T.R. Kartzinel, T.M. Palmer, R.M. Pringle, and **J.R. Goheen**. Ecological consequences of large herbivore exclusion in an African savanna: 12 years of data from the UHURU experiment. *Ecology* 103:e3649.
- 2022 Broekman, M. et al (114 coauthors). Empirical validation of the accuracy of expert-based habitat suitability information with GPS-tracking data of terrestrial mammals. *Global Ecology and Biogeography* 31:1526-1541.
- 2022 Hays, B.R.* , C. Riginos, T.M. Palmer, D.F. Doak, B. Gituku, N. Maiyo, S. Mutisya, S. Musila, and **J.R. Goheen**. Demographic consequences of mutualism disruption: browsing and big-headed ant invasion drive acacia population declines. *Ecology* 103:e3655.
- 2022 Levine, R.A. Smiley, B.R. Jesmer*, B.A. Oates*, **J.R. Goheen**, T.R. Stephenson, M.J. Kauffman, and K.L. Monteith. Extending body condition scoring beyond measurable rump fat to estimate full range of nutritional condition for moose. *Alces* 58:91-99.
- 2021 Coverdale, T.C.^U, R.D. O'Connell, M.C. Hutchinson, A. Savagian, T.R. Kartzinel, T.M. Palmer, **J.R. Goheen**, D.J. Augustine, M. Sankaran, C.E. Tarnita, and R.M. Pringle. Large herbivores suppress liana infestation in an African savanna. *Proceedings of the National Academy of Sciences* 118:e2101676118.
- 2021 Esmaili, S.* , 48 coauthors, and **J.R. Goheen**. Body size and digestive system shape resource selection by wild ungulates: a cross-taxa test of the Forage Maturation Hypothesis. *Ecology Letters* 24:2178-2191.
- 2021 Guy, T.J.^U, M.C. Hutchinson, K.C.R. Baldock, E. Kayser, B. Baiser, P.P.A. Staniczenko, **J.R. Goheen**, R.M. Pringle, and T.M. Palmer. Large herbivores transform plant-pollinator networks in an African savanna. *Current Biology* 31:2964-2971.e5.
- 2021 Jesmer, B.R.* , M.J. Kauffman, S. Kilpatrick, A.A. Holland, K.L. Monteith, and **J.R. Goheen**. Life-history theory provides a framework for detecting resource limitation in populations of wild ungulates: a test of the Nutritional Buffer Hypothesis. *Ecological Applications* 31:e2299.
- 2021 Kauffman, M.J., E.O. Aikens, S. Esmaili*, P. Kaczensky, A.D. Middleton, K.L. Monteith, T. Morrison, T. Mueller, H. Sawyer, and **J.R. Goheen**. Causes, consequences, and conservation of ungulate migrations. *Annual Review in Ecology, Evolution, and Systematics* 52:453-478.
- 2021 Milligan, P., T. Martin, G. John, C. Riginos, **J.R. Goheen**, S. Carpenter, and T.M. Palmer. Invasive ants reduce carbon fixation for a foundational East African ant-plant. *Ecology Letters* 24:1052-1062.

- 2021 Oates, B.A.* , K.L. Monteith, **J.R. Goheen**, J.A. Merkle, G.L. Fralick, and M.J. Kauffman. Detecting resource limitation in a large herbivore population is enhanced with measures of nutritional condition. *Frontiers in Ecology and Evolution* 8:522174.
- 2021 Pietrek, A., **J.R. Goheen**, C. Riginos, N.M. Jepkirui, and T.M. Palmer. Density-dependence and the spread of invasive big-headed ants in an African savanna. *Oecologia* 195:667-676.
- 2021 Wells, H.B.M.^U, R.D. Crego, Ø.H. Opedal, L.M. Khasoha*, J.M. Alston*, C.G. Reed, S. Weiner*, D.M. Kimuyu, T.P. Young, S. Kurukura, A.A. Hassan, T.R. Kartzinel, T.M. Palmer, R.M. Pringle, and **J.R. Goheen**. Experimental evidence that effects of megaherbivores on mesoherbivore space use are influenced by species' traits. *Journal of Animal Ecology* 90:2510-2533.
- 2020 Hays, B.* , C. Riginos, T.M. Palmer, B.C. Gituku, and **J.R. Goheen**. Using photography to estimate above-ground biomass of small trees. *Journal of Tropical Ecology* 36:213-219.
- 2020 Jesmer, B.R.* , M.J. Kauffman, M.A. Murphy, and **J.R. Goheen**. A test of the Niche Variation Hypothesis in a ruminant herbivore. *Journal of Animal Ecology* 89:2825-2839.
- 2020 Palmer, T.M., C. Riginos, B.R. Hayes*, A.G. Pietrek, N. Jepkurui, S.M. Carpenter*, and **J.R. Goheen**. Frenemy at the gate: invasion by *Pheidole megacephala* facilitates a competitively subordinate plant-ant in Kenya. *Ecology* e032030.
- 2020 Noonan, M.J., et al (78 coauthors). Effects of body size on estimation of mammalian area requirements. *Conservation Biology* 34:1017-1028.
- 2019 Ali, A.H.* , R. Amin, J.S. Evans, M. Fischer, A.T. Ford*, A. Kibara, and **J.R. Goheen**. Evaluating support for range-restoration practices by rural Somalis: a win-win for local livelihoods and conservation of the world's most endangered antelope? *Animal Conservation* 22:144-156.
- 2019 Alston, J.M.* , B.M. Maitland, B.T. Brito*, S. Esmaeili*, A.T. Ford*, B.R. Jesmer*, F. Molina, and **J.R. Goheen**. Reciprocity in restorations: what is the evidence for equal and opposing effects of carnivore extirpation and reintroduction? *Biological Conservation* 234:82-89.
- 2019 Alston, J.M.* , I.M. Abernethy, D.A. Keinath, and **J.R. Goheen**. Roost selection by male northern long-eared bats in a managed fire-adapted forest. *Forest Ecology and Management* 446:251-256.
- 2019 Bowyer, R.T., M.S. Boyce, **J.R. Goheen**, and J.L. Rachlow. Conservation of mammals: threats, protected areas, and hunting. *Journal of Mammalogy* 100:923-941.
- 2019 Coverdale, T.C.^U, I.J. McGeary^U, R.D. O'Connell^U, T.M. Palmer, **J.R. Goheen**, M. Sankaran, D.J. Augustine, A.T. Ford*, and R.M. Pringle. Associational resistance and susceptibility have strong but opposing effects on the defense phenotype of an African savanna plant. *Oikos* 128:1772-1782.
- 2019 Esmaeili, S.* , M. Hemami, and **J.R. Goheen**. Human dimensions of wildlife conservation: assessment of conflicts with a restoring and wide-ranging species in a multi-use landscape. *PLoS One* 14:e0220702.
- 2019 Gill, B.A.^U, P.M. Musili, S. Kurukura, A.A. Hassan, W.J. Kress, M. Kuzmina, **J.R. Goheen**, R.M. Pringle, and T.R. Kartzinel. Plant DNA barcode library and community phylogeny for a semi-arid savanna in Kenya. *Molecular Ecology Resources* 19:838-846.
- 2019 Louthan, A.M.^U, E. Valencia, D.J. Martins, T. Guy, **J.R. Goheen**, T.M. Palmer, and D.F. Doak. Large mammals generate both top-down effects and extended trophic cascades on floral-visitor assemblages. *Journal of Tropical Ecology* 35:195-198.

- 2019 Ng'weno, C.C.* , A.T. Ford* , A.K. Kibungei, and **J.R. Goheen**. Interspecific prey neighborhoods shape risk of predation in a multi-prey savanna ecosystem. *Ecology* 100:e02698.
- 2019 Ng'weno, C.C.* , S.W. Buskirk, N.J. Georgiadis, B.C. Gituku, A. Kibungei, L.M. Porensky, D.I. Rubenstein, and **J.R. Goheen**. Apparent competition, lion predation, and managed livestock grazing: can conservation value be enhanced? *Frontiers in Ecology and Evolution* 7:123.
- 2019 Noonan, M., et al (55 coauthors). Which home range estimator should I use? An analysis of autocorrelation and bias in home range estimation. *Ecological Monographs* 89:e01344.
- 2019 Oates, B.A.* , J.A. Merkle, M.J. Kauffman, S. Dewey, M.D. Jimenez, J.M. Vartanian, and **J.R. Goheen**. Antipredator response diminishes during periods of resource deficit for a large herbivore: a test of the starvation-predation hypothesis. *Ecology* 100:e02618.
- 2019 Otieno, T.O.* , **J.R. Goheen**, I.M. Osuga, B. Toto, A. Mwangi, P. Webala, and A.T. Ford* . The landscape of fear homogenizes risk for two competing ungulates. *Biological Conservation* 232:59-65.
- 2018 Ali, A.H.* , M.J. Kauffman, R. Amin, A. Kibara, J. King, D. Mallon, C. Musyoki, and **J.R. Goheen**. Demographic drivers of a refugee species: large-scale experiments guide strategies for reintroductions of hirola antelope. *Ecological Applications* 28:275-283.
- 2018 Coverdale, T.R.^U, **J.R. Goheen**, T.M. Palmer, and R.M. Pringle. Good neighbors make good defenses: associational refuges reduce defensive investment in African savanna plants. *Ecology* 99:1724-1736.
- 2018 **Goheen, J.R.**, D.J. Augustine, K.E. Veblen, D.M. Kimuyu, L.M. Porensky, T.M. Palmer, L.M. Porensky, R.M. Pringle, J. Ratnam, C. Riginos, M. Sankaran, G.K. Charles, A.T. Ford* , A.A. Hassan, R. Jakopak* , T.R. Kartzinel, S. Kurukura, A.M. Louthan, W.O. Odadi, T.O. Otieno* , A.M. Wambua* , H.S. Young, and T.P. Young. Conservation and management lessons from large-mammal manipulations in East African rangelands: KLEE, GLADE, and UHURU experiments. *Annals of the New York Academy of Sciences* 1429:31-49.
- 2018 Jesmer, B.R.* , J.A. Merkle, **J.R. Goheen**, E.O. Aikens, D.E. McWhirter, A.B. Courtemanch, M.A. Hurley, H.M. Miyasaki, K.L. Monteith, J.L. Beck, and M.J. Kauffman. Is ungulate migration culturally transmitted? Evidence for social learning from translocated animals. *Science* 361:1023-1025.
- 2018 Koerner, S.E. et al (72 coauthors). Changes in dominance drive global variation in herbivore effects on grassland diversity. *Nature Ecology and Evolution* 2:1925-1932.
- 2018 Louthan, A.M.^U, R.M. Pringle, **J.R. Goheen**, T.M. Palmer, and D.F. Doak. Aridity weakens population-level effects of multiple species interactions in *Hibiscus meyeri*. *Proceedings of the National Academy of Sciences* 115:543-548.
- 2018 Tucker, M.A. et al (114 coauthors). Global reductions in terrestrial mammalian movements in human-dominated landscapes. *Science* 359:466-469.
- 2017 Ali, A.H.* , A.T. Ford* , J.S. Evans, M. Hayes, A. Kibara, J. King, D. Mallon, and **J.R. Goheen**. 2017. Resource selection and landscape change reveal mechanisms suppressing population recovery for the world's most endangered antelope. *Journal of Applied Ecology* 54:1720-1729.
- 2017 Ford, A.T.* , S. Cooke, **J.R. Goheen**, and T.P. Young. Conserving megafauna or sacrificing biodiversity? *Bioscience* 67:193-196.

- 2017 Jesmer, B.R.* , **J.R. Goheen**, K.L. Monteith, and M.J. Kauffman. State-dependent behavior alters endocrine-energy relationship: implications for conservation and management. *Ecological Applications* 27:2303-2312.
- 2017 Long, R.L.^U, A. Wambua*, **J.R. Goheen**, T.M. Palmer, and R.M. Pringle. Climatic variation mediates the indirect effects of large herbivores on habitat use by small mammals. *Journal of Animal Ecology* 86:739-748.
- 2017 Ng'weno, C.C.* , N.J. Maiyo, A.H. Ali*, A.K. Kibungei, and **J.R. Goheen**. Lion-driven declines and habitat shifts of hartebeest in a semi-arid savanna. *Journal of Mammalogy* 98:1078-1087.
- 2016 Coverdale, T.C.^U, T.R. Kartzinel, K.L. Grabowski, R.K. Shriver, A.A. Hassan, **J.R. Goheen**, T.M. Palmer, and R.M. Pringle. Ecosystem engineering by elephants: canopy damage benefits understory plants by creating associational refuges. *Ecology* 97:3219-3230.
- 2016 Ernest, S.K.M., G.M. Yenni, G. Allington, E.M. Christensen, K. Geluso, **J.R. Goheen**, M.R. Schutzenhofer, S.R. Supp, K.M. Thibault, J.H. Brown, T.J. Valone. Long-term monitoring and experimental manipulation of a Chihuahuan Desert ecosystem near Portal, Arizona, USA (2003-2013). *Ecology* 97:1082. *Data Paper*.
- 2016 Pringle, R.M., K.M. Prior^U, T.P. Young, T.M. Palmer, and **J.R. Goheen**. Large herbivores promote habitat specialization and beta diversity of African savanna trees. *Ecology* 97:2640-2657.
- 2016 Tabak, M.A., S. Poncet, K. Passfield, **J.R. Goheen**, and C. Martinez del Rio. The ghost of invasives past: rat eradication and the community composition and energy flow of island bird communities. *Ecosphere* 7:e01442.
- 2015 Ford, A.T.* and **J.R. Goheen**. Trophic cascades by large carnivores: a case for strong inference and mechanism. *Trends in Ecology and Evolution* 30:725-735.
- 2015 Ford, A.T.* , **J.R. Goheen**, D.J. Augustine, M.F. Kinnaird, T.G. O'Brien, T.M. Palmer, R.M. Pringle, and R. Woodroffe. Recovery of African wild dogs suppresses prey density but does not trigger a trophic cascade. *Ecology* 96:2705-2714.
- 2015 Ford, A.T.* and **J.R. Goheen**. The landscape of fear for a dwarf antelope, *Madoqua guentheri*, is mediated by diel period and predator identity. *Journal of Mammalogy* 96:918-926.
- 2015 Fraser, L.H. et al (62 coauthors). Unimodal relationship between grassland richness and biomass supported by worldwide experimental evidence. *Science* 349:302-305.
- 2015 Tabak, M.A., S. Poncet, K. Passfield, **J.R. Goheen**, and C. Martinez del Rio. Rat eradication and the resistance and resilience of passerine bird assemblages in the Falkland Islands. *Journal of Animal Ecology* 84:755-764.
- 2015 Young, H.S.^U, D.J. McCauley, R. Dirzo, **J.R. Goheen**, B. Agwanda, C. Brook, A. Ferguson, S.N. Kinyua*, M. McDonough, T.M. Palmer, R.M. Pringle, D.R. Salkeld, T.P. Young, and K.M. Helgen. Variable implications of land-use change on small mammal communities across environmental gradients. *Ecological Applications* 25:348-360.
- 2014 Ford, A.T.* , **J.R. Goheen**, T.O. Otieno*, L. Bidner, L.A. Isbell, T.M. Palmer, D. Ward, R.E. Woodroffe, and R.M. Pringle. Large carnivores make savanna tree communities less thorny. *Science* 346:346-349.
- 2014 Kartzinel, T.R.^U, **J.R. Goheen**, G.K. Charles, E. DeFranco, R. Hohbein, J.E. Maclean*, T.O. Otieno*, T.M. Palmer, and R.M. Pringle. Plant and small-mammal responses to large-herbivore exclusion in an African savanna: five years of the UHURU experiment. *Ecology* 95:787. *Data Paper*.

- 2014 Louthan, A.M.^U, D.F. Doak, **J.R. Goheen**, T.M. Palmer, and R.M. Pringle. Herbivory overwhelms abiotically-mediated competition and facilitation effects among plant in an African savanna. *Proceedings of the Royal Society Series B* 281:20132647.
- 2014 Pringle, R.M., **J.R. Goheen**, G.K. Charles*, E. DeFranco*, R. Hohbein*, T.M. Palmer, A.T. Ford*, and C. Tarnita. Low functional redundancy among mammalian browsers in regulating an encroaching shrub in an African savanna. *Proceedings of the Royal Society Series B* 281:20140390.
- 2013 **Goheen, J.R.**, T.M. Palmer, G.K. Charles*, K.M. Helgen, S.N. Kinyua*, J.E. Maclean*, H.S. Young, and R.M. Pringle. Piecewise disassembly of a herbivore community across a rainfall gradient: the UHURU experiment. *PLoS One* 8:e55192. *Goheen and Pringle equal author contributions.*
- 2013 Louthan, A.M.^U, D.F. Doak, **J.R. Goheen**, T.M. Palmer, and R.M. Pringle. Climatic stress mediates the impacts of herbivory on plant population structure and components of individual fitness. *Journal of Ecology* 101:1074-1083.
- 2013 Palmer, T.M., M.L. Stanton, T.P. Young, J.S. Lemboi, **J.R. Goheen**, and R.M. Pringle. A role for indirect facilitation in maintaining diversity in a guild of African acacia ants. *Ecology* 94:1531-1539.
- 2013 Young, H.S.^U, D.J. McCauley, K.M. Helgen, **J.R. Goheen**, E. Castillo, R.M. Pringle, T.P. Young, T.M. Palmer, and R. Dirzo. Variation in plant community response to experimental and anthropogenic driven declines in large wildlife. *Journal of Ecology* 101:1030-1041.
- 2012 Seifert, A.W., S.G. Kiama, M.G. Seifert, **J.R. Goheen**, T.M. Palmer, and M. Maden. Weak skin and tissue regeneration in African spiny mice. *Nature* 489:561-566.
- 2011 Maclean, J.E.* , **J.R. Goheen**, D.F. Doak, T.M. Palmer, and T.P. Young. Cryptic herbivores mediate the strength and form of ungulate impacts on a savanna tree. *Ecology* 92:1626-1636.
- 2010 **Goheen, J.R.** and T.M. Palmer. Defensive plant-ants stabilize megaherbivore-driven landscape change in an African savanna. *Current Biology* 20:1768-1772. *Equal author contributions.*
- 2010 **Goheen, J.R.**, T.M. Palmer, F. Keesing, C. Riginos, and T.P. Young. Large herbivores facilitate savanna tree establishment through diverse and indirect pathways. *Journal of Animal Ecology* 79:372-382.
- 2010 Palmer, T.M., D.F. Doak, M.L. Stanton, J.L. Bronstein, E.T. Kiers, T.P. Young, **J.R. Goheen**, and R.M. Pringle. Synergy of multiple partners, including freeloaders, increase host fitness in a multispecies mutualism. *Proceedings of the National Academy of Sciences* 107:17234-17239.
- 2010 Thibault, K.M., S.K.M. Ernest, E.P. White, J.H. Brown, and **J.R. Goheen**. Long-term insights into consumer-resource dynamics in desert rodents: effects of community composition across guilds. *Journal of Mammalogy* 91:787-797.
- 2009 Drever, M.C., **J.R. Goheen**, and K. Martin. Species-energy theory, pulsed resources, and the regulation of species richness: avian community dynamics during a mountain pine beetle outbreak. *Ecology* 90:1095-1105.
- 2008 Ernest, S.K.M, J.H. Brown, K.M. Thibault, E.P. White, and **J.R. Goheen**. Zero-sum, the niche, and metacommunities: long-term dynamics of community assembly. *American Naturalist* 172:E257-E269.

- 2008 Palmer, T.M., M.L. Stanton, T.P. Young, **J.R. Goheen**, R.M. Pringle, and R. Karban. Putting ant-acacia mutualisms to the fire. *Science* 319:1759-1761.
- 2008 Palmer, T.M., M.L. Stanton, T.P. Young, **J.R. Goheen**, R.M. Pringle, and R. Karban. Breakdown of an ant-plant mutualism follows the loss of large herbivores from an African savanna. *Science* 319:192-195.
- 2007 **Goheen, J.R.**, T.P. Young, F. Keesing, and T.M. Palmer. Consequences of herbivory by native ungulates for the reproduction of a savanna tree. *Journal of Ecology* 95:129-138.
- 2007 Lusk, J.J., R.K. Swihart, and **J.R. Goheen**. Correlates of interspecific synchrony and interannual variation in seed production by deciduous trees. *Forest Ecology and Management* 242:656-670.
- 2007 Poe, S., **J.R. Goheen**, and E.P. Hulebak. Convergent exaptation and adaptation in solitary island lizards. *Proceedings of the Royal Society Series B* 274:2231-2237.
- 2007 Swihart, R.K., **J.R. Goheen**, S.A. Schnellker, and C.E. Rizkalla. Testing the generality of patch and landscape-level predictors of tree squirrel occurrence at a regional scale. *Journal of Mammalogy* 88:564-572.
- 2006 **Goheen, J.R.**, E.P. White, S.K.M. Ernest, and J.H. Brown. Intra-guild compensation regulates species richness in desert rodents: Response. *Ecology* 86:22-28.
- 2005 **Goheen, J.R.** and R.K. Swihart. Resource selection and predation of North American red squirrels in deciduous forest fragments. *Journal of Mammalogy* 86:22-28.
- 2005 **Goheen, J.R.**, E.P. White, S.K.M. Ernest, and J.H. Brown. Intra-guild compensation regulates species richness in desert rodents. *Ecology* 86:567-573.
- 2004 **Goheen, J.R.**, F. Keesing, B.F. Allan, D. Ogada, and R.S. Ostfeld. Net effects of large mammals on *Acacia* seedling survival in an African savanna. *Ecology* 85:1555-1561.
- 2003 **Goheen, J.R.**, G.A. Kaufman, and D.W. Kaufman. Effect of body size on reproductive characteristics of the northern grasshopper mouse in north-central Kansas. *Southwestern Naturalist* 48:427-431.
- 2003 **Goheen, J.R.** and R.K. Swihart. Food-hoarding behavior of gray squirrels and North American red squirrels in the central hardwoods: implications for forest regeneration. *Canadian Journal of Zoology* 81:1636-1639.
- 2003 **Goheen, J.R.**, R.K. Swihart, T.M. Gehring, and M.S. Miller. Forces structuring tree squirrel communities in fragmented landscapes: species differences in forest connectivity and carrying capacity. *Oikos* 102:95-103.
- 2003 **Goheen, J.R.**, R.K. Swihart, and J.H. Robins. The anatomy of a range expansion: changes in cranial morphology and rates of energy extraction for North American red squirrels from different latitudes. *Oikos* 102:33-44.
- 2003 DeWoody, Y.D., R.K. Swihart, B.A. Craig, and **J.R. Goheen**. Diversity and stability in communities structured by asymmetric resource allocation. *American Naturalist* 162:514-527.
- 2003 Swihart, R.K., T.C. Atwood, **J.R. Goheen**, D. Scheiman, K. Munroe, and T.M. Gehring. Patch occupancy of North American mammals: is patchiness in the eye of the beholder? *Journal of Biogeography* 30:1259-1279.
- 2002 **Goheen, J.R.**, G.A. Kaufman, and D.W. Kaufman. Patterns of reproduction for western harvest mice in north-central Kansas. *Prairie Naturalist* 34:107-113.

- 2001 Post, D.M., T.S. Armbrust, E.A. Horne, and **J.R. Goheen**. Sexual segregation results in differences in content and quality of bison (*Bos bison*) diets. *Journal of Mammalogy* 82:407-413.
- 2001 Schmidt, K.A., **J.R. Goheen**, and R. Naumann. Incidental nest predation in songbirds: behavioral indicators detect ecological scales and processes. *Ecology* 82:2937-2947.
- 2001 Schmidt, K.A., **J.R. Goheen**, R. Naumann, R.S. Ostfeld, E.M. Schaubert, and A.K. Berkowitz. Experimental removal of strong and weak predators: mice and chipmunks preying on songbird nests. *Ecology* 82:2927-2936.

Selected Book Chapters, Commentary, Reports, and Popular Press (Non-Peer Reviewed):

- 2022 Reed, C.G.^U, J.M. Alston*, T.R. Kartzinel, R.M. Pringle, and **J.R. Goheen**. Photo gallery: Large herbivore loss in a Kenyan savanna: data from the UHURU experiment. *Bulletin of the Ecological Society of America* 103:e01980.
- 2019 Ng'weno, C.C.*, A.T. Ford*, A.K. Kibungei, and **J.R. Goheen**. Photo gallery: Interspecific prey neighborhoods shape risk of predation in a multi-prey savanna ecosystem. *Bulletin of the Ecological Society of America* 100:e01558.
- 2018 **J.R. Goheen**. A win-win outcome for wildlife and ranching. *Nature Sustainability* 1:535-536.
- 2018 Ernest, S.K.M., G.M. Yenni, G. Allington, E. Bledsoe, E.M. Christensen, R. Diaz, **J.R. Goheen**, Q. Guo, E.J. Heske, D.A. Kelt, J. Meiners, J. Munger, C. Restrepo, D. Samson, M.R. Schutzenhofer, M. Skupski, S.R. Supp, K.M. Thibault, S. Taylor, E.P. White, D. Davidson, J.H. Brown, and T.J. Valone. The Portal Project: a long-term study of a Chihuahuan desert ecosystem. bioRxiv DOI: <https://doi.org/10.1101/332783>.
- 2016 **J.R. Goheen**. Review of Serengeti IV: Sustaining biodiversity in a coupled human-natural system by A.R.E. Sinclair et al. *Journal of Mammalogy* 97:1001-1002.
- 2014 Ali, A.H.*, R. Amin, **J.R. Goheen**, A. Kibara, I. Lekool, and C. Musyoki. Lessons from the capture and collaring of critically endangered hirola antelope in Ijara, Kenya: a progress report. *Gnusletter* 31:9-14.
- 2012 Ali, A.H.* and **J.R. Goheen**. Ecological interactions between wild and domestic ungulate in the Horn of Africa: a case study of the endangered hirola antelope. Annual report to the Hirola Management Committee and IUCN/SSC Antelope Specialist Group.
- 2012 Ali, A.H.* and **J.R. Goheen**. Saving the world's most endangered antelope. *Connect Magazine*. March Issue, pg 43.
- 2012 Ali, A.H.*, S. Andanje, and **J.R. Goheen**. A diamond in the rough: conservation and ecology of hirola antelope in northeastern Kenya. *Swara Magazine* (published by the East African Wildlife Society). January-March Issue, pgs 56-57.
- 2011 King, J., S. Andanje, C. Musyoki, R. Amin, **J.R. Goheen**, D. Lesimirdana, and A.H. Ali*. Aerial survey of hirola (*Beatragus hunteri*) and other large mammals in southeastern Kenya. Research report for Kenya Wildlife Service.
- 2011 Augustine, D.J., K.E. Veblen, **J.R. Goheen**, C. Riginos, and T.P. Young. Pathways for positive cattle-wildlife interactions in semi-arid rangelands. In *Conserving Wildlife in African Landscapes: Kenya's Ewaso Ecosystem*. Smithsonian Contributions to Zoology 632:55-71. Ed. N.J. Georgiadis.

- 2011 Pringle, R.M., T.M. Palmer, **J.R. Goheen**, D.J. McCauley, and F. Keesing. Ecological importance of large herbivores in the Ewaso ecosystem. In *Conserving Wildlife in African Landscapes: Kenya's Ewaso Ecosystem*. Smithsonian Contributions to Zoology 632:43-53. Ed. N.J. Georgiadis.
- 2009 **Goheen, J.R.**, R.M. Pringle, and T.M. Palmer. Predicting the impacts of drought and extinction: the UHURU experiment. Mpala Research Centre Newsletter.
- 2009 **Goheen, J.R.** and T.M. Palmer. Of megaherbivores and mutualists: how ants can protect against tree encroachment in the absence of elephants. Laikipia Wildlife Forum Newsletter.
- 2005 Young, T.P. and **J.R. Goheen**. Whistling-thorn recruitment is affected in unexpected ways by large mammals. Laikipia Wildlife Forum Newsletter.
- 2003 **Goheen, J.R.** The effects of rodent density and foraging behavior upon nest success of ground-nesting songbirds. Undergraduate Research Reports Number 16, 1998 and 1999. Institute of Ecosystem Studies.
- 2003 Abades, S., K. Aso, **J.R. Goheen**, M.D. McDonnell, and T.D. Meehan. An agent-based model for predicting invasibility of ecological communities. Student Research Papers, Proceedings of the Santa Fe Institute's Complex Systems Summer School.
- 1999 **Goheen, J.R.** Population estimation of Utah prairie dogs in the Sevier River Preserve. Research report for the Utah Chapter of The Nature Conservancy.
- 1998 **Goheen, J.R.**, J.W. Rivers, and J. Brunson. The Conservation and Reinvestment Act and natural resource professionals: an example of the starving man syndrome. *Wildlife Society Bulletin* 26:649-650.

Grants and Fellowships:

- 2025 "Resilience of a foundational mutualism following removal of a 'Top 100' invader". National Science Foundation. PI with B.G. Merkle, P.D. Milligan, and T.M. Palmer.
- 2024 "Population viability and source-sink dynamics of Pacific marten in Wyoming". US Department of Agriculture McIntire-Stennis Capacity grant. PI with L.E. Hall.
- 2024 "Equitable responses to illegal wild meat hunting in Tsavo, Kenya". Darwin Initiative. Co-PI with R. Woodroffe, G. Ghataure, and D. Kamaru*.
- 2023 "Population viability and source-sink dynamics of Pacific marten in Wyoming". US Department of Agriculture McIntire-Stennis Capacity grant. PI with L.E. Hall.
- 2023 "Population viability and source-sink dynamics of Pacific marten in Wyoming". Wyoming Game and Fish Department State Wildlife Grant. PI with L.E. Hall.
- 2020 "Testing predictions of the core-satellite and resource-breadth hypotheses: field tests of a macroecological pattern". National Science Foundation. REU supplement.
- 2019 "Testing predictions of the core-satellite and resource-breadth hypotheses: field tests of a macroecological pattern". National Science Foundation. PI with T. Kartzinel.
- 2019 "Responses of western bats to White Nose Syndrome at Jewel Cave National Monument". National Park Service. Co-PI with J. Alston, I. Abernethy, and D. Keinath.
- 2018 "Effects of human activities on the demography of Wyoming pocket gophers". Wyoming Governor's Big Game License Coalition. PI with N. Bjornlie and B. Brito*.
- 2018 "Mapping migration routes and habitat selection of onagers in central Iran". Cleveland Metroparks Zoo. Co-PI with S. Esmaili*, P. Kaczensky, and M. Reza-Hemami.

- 2018 "Mapping migration routes and habitat selection of onagers in central Iran". Mohamed bin Zayed Species Conservation Fund. Co-PI with S. Esmaeili*, P. Kaczensky, and M. Reza-Hemami.
- 2017 "Linking environmental drivers and energy development to the abundance and distribution of the Wyoming pocket gopher". Wyoming Game and Fish Department State Wildlife Grant. PI with M.D. Carling.
- 2017 "Mapping migration routes and habitat selection of onagers in central Iran". Saint Louis Zoo. Co-PI with S. Esmaeili*, P. Kaczensky, and M. Reza-Hemami.
- 2016 "Landscape-scale consequences of mutualism disruption: invasive ants threaten a widespread ant-plant mutualism". National Science Foundation. Co-PI with T.M. Palmer and C. Riginos.
- 2016 "The role of the gut microbiome in individual specialization and population-level niche partitioning". National Science Foundation. PI with B.R. Jesmer* (please note: this is a Doctoral Dissertation Improvement Grant for which faculty mentors must serve as PIs).
- 2015 "Landscape-scale consequences of mutualism disruption: invasive ants threaten a widespread ant-plant mutualism". NASA Space Grant Foundation.
- 2015 "Mapping migration routes and habitat selection of onagers in central Iran". Saint Louis Zoo. PI with S. Esmaeili*.
- 2015 "Pathways to ecological generalism and the abundance-occupancy relationship in small-mammal communities". National Science Foundation.
- 2015 "Pathways to the abundance-occupancy relationship in small-mammal communities: testing predictions of the core-satellite and resource-breadth hypotheses". Univ. Wyoming Biodiversity Institute. PI with C.A. Buerkle.
- 2014 "Partnering with Somali communities to save the critically endangered hirola antelope". Prince Bernhard Fund for Nature. PI with A.H. Ali*.
- 2014 "Going to the dogs? Understanding reasons for the decline of the critically endangered hirola antelope in Kenya". Chicago Board of Trade Endangered Species Fund. Co-PI with A.H. Ali*, R. Amin, and R. Woodroffe.
- 2014 "The Hirola Conservation Program". Disney Wildlife Conservation Fund. PI with A.H. Ali*.
- 2014 "Linking habitat condition with population performance in Wyoming moose". Wyoming Governor's Big Game License Coalition. PI with M.J. Kauffman, A. Courtemanch, and B.R. Jesmer*.
- 2014 "Evaluating the influence of bear and wolf predation on population performance of moose in western Wyoming". Wyoming Governor's Big Game License Coalition. Co-PI with M.J. Kauffman, K.L. Monteith, and B.A. Oates*.
- 2014 "Evaluating the influence of bear and wolf predation on population performance of moose in western Wyoming". Safari Club International. Co-PI with M.J. Kauffman, K.L. Monteith, and B.A. Oates*.
- 2013 "Landscape change and predator recolonization as factors underlying range collapse of the critically-endangered hirola antelope". Disney Wildlife Conservation Fund. PI with A.H. Ali*, J. Evans, C. Musyoki, and R. Woodroffe.
- 2013 "Predator-prey dynamics and livestock production in human-occupied savannas: using cattle to conserve wildlife". PI with M. Mulama, C.C. Ng'weno*, and S. Sundaresan. Earthwatch Institute.

- 2013 "Predator-prey dynamics and livestock production in human occupied savannas. Conservation, Research, and Education Opportunities International. Co-PI with C.C. Ng'weno*.
- 2013 "Habitat requirements, distribution, and population characteristics of the Sublette moose herd, Wyoming". Wyoming Governor's Big Game License Coalition. PI with G. Fralick, M.J. Kauffman, K.L. Monteith, B. Oates*, and S. Smith.
- 2013 "Linking habitat condition with population performance in Wyoming moose". Wyoming Governor's Big Game License Coalition. Co-PI with M.J. Kauffman, A. Courtemanch, and B.R. Jesmer*.
- 2012 "Predation and range quality as factors underlying declines of hirola in northeastern Kenya". Chicago Board of Trade Endangered Species Fund. PI with A.H. Ali*.
- 2012 "Demography and conservation of the critically-endangered hirola antelope in Ijara, Kenya". Disney Rapid Response Wildlife Conservation Fund. Co-PI with A.H. Ali*.
- 2012 "Interactions between landscape change and the globally-endangered hirola antelope in northeastern Kenya". Mohamed bin Zayed Species Conservation Fund. Co-PI with A.H. Ali* and R. Amin.
- 2012 "An economic and ecological analysis of externalities associated with energy development in the Intermountain West". Univ Wyoming School of Energy Resources. Co-PI with D. Aadland and J. Tschirhart.
- 2012 "Habitat requirements, distribution, and population characteristics of the Sublette moose herd, Wyoming". Wyoming Governor's Big Game License Coalition. PI with G. Fralick, M.J. Kauffman, and S. Smith.
- 2012 "Linking habitat condition with population performance in Wyoming moose". Wyoming Governor's Big Game License Coalition. Co-PI with M.J. Kauffman, A. Courtemanch, and B.R. Jesmer*.
- 2012 "Demography, habitat selection, and migration of moose in the Bridger-Teton National Forest". PI with M.J. Kauffman. U.S. Forest Service Bridger-Teton Office.
- 2012 "Predation and livestock grazing as factors underlying hirola declines in Ishaqbini Conservancy, Ijara, Kenya". Denver Zoological Foundation. PI with A.H. Ali*.
- 2011 "Causes and consequences of landscape change for hirola populations in Ijara, Kenya". People's Trust for Endangered Species. Co-PI with A.H. Ali*.
- 2011 "Habitat requirements, distribution, and population characteristics of moose in Sublette County, Wyoming". Wyoming Governor's Big Game License Coalition. PI with G. Fralick, M.J. Kauffman, and S. Smith.
- 2011 "Interactions between landscape change and the globally-endangered hirola antelope in northeastern Kenya". Denver Zoological Foundation. PI with A.H. Ali*.
- 2011 "Assessing moose response to energy development in the Hoback Basin". Wyoming Game and Fish Department. Co-PI with M.J. Kauffman, G. Fralick, and S. Smith.
- 2010 "Consequences of landscape change and potential solutions for improvement of hirola and lesser kudu range in eastern Kenya". St. Louis Zoo Field Conservation Program and Horn of Africa Center for Conservation. PI with A.H. Ali.
- 2010 "Connecting habitat and population performance of Wyoming moose". Wyoming Game and Fish Department. Co-PI with M.J. Kauffman and S. Kilpatrick.

- 2010 “Ecological interactions between wild and domestic ungulates in arid ecosystems: a case study of the endangered hirola antelope in eastern Kenya”. Association of Zoos and Aquariums Conservation Endowment Fund. Co-PI with A.H. Ali*, S. Andanje, and J. King.
- 2010 “Ecological interactions between wild and domestic ungulates in East African arid ecosystems: a case study of the endangered hirola antelope”. Denver Zoological Foundation. PI with A.H. Ali*.
- 2009 “Competition between wild and domestic ungulates in East African rangelands”. Rufford Grant for Nature Conservation. Co-PI with A.H. Hussein* and S. Andanje.
- 2009 “Ecological interactions between wild and domestic ungulates in arid ecosystems: a case study of the endangered hirola antelope in northeastern Kenya”. Mohamed bin Zayed Species Conservation Fund. Co-PI with A.H. Ali* and S. Andanje.
- 2009 “Livestock production, predator-prey dynamics, and wildlife management in human-occupied savannas: using cattle to conserve wildlife”. Denver Zoological Foundation.
- 2008 “Livestock production, predator-prey dynamics, and wildlife management in human-occupied savannas: using cattle to conserve wildlife”. Martha Piper Fund Award. PI with M.F. Kinnaird, S. Sundaresan, and M. Vellend.
- 2008 “Facility for the Study of East African Savannas: human disturbance, landscape change, and wildlife conservation in rangeland ecosystems”. Canada Foundation for Innovation Leaders Opportunity Fund and BC Knowledge Development Fund.
- 2008 “Consequences of herbivore extinction for plant population and community dynamics”. NSERC Discovery Grant.
- 2008 “Establishment of large-scale herbivore exclosures”. NSERC Research Tools and Instruments.
- 2005 American Society of Mammalogists Fellowship in Mammalogy, American Society of Mammalogists.
- 2005 Predoctoral Fellowship, Smithsonian Institution.
- 2004 Albert R. and Alma Shadle Fellowship in Mammalogy, American Society of Mammalogists.
- 2004 Science To Achieve Results (STAR) Graduate Fellowship, U.S. Environmental Protection Agency.
- 2004 Grove Summer Scholarship, Dept. Biology, Univ. New Mexico.
- 2004 Short-Term Fellowship, Smithsonian Tropical Research Institute.
- 2003 Grant-in-Aid of Research, American Society of Mammalogists.
- 2003 Summer Research Grant, Graduate Resource Allocations Committee, Univ. New Mexico.
- 2002 Graduate Fellowship in Biocomplexity, U.S. National Science Foundation.
- 2001 Research Grant, Indiana Academy of Science.
- 2001 Travel Grant, Purdue University.
- 2000 Grant-in-Aid of Research, Sigma Xi.
- 2000 Research Grant, American Wildlife Research Foundation.
- 2000 Grant-in-Aid of Research, American Society of Mammalogists.
- 2000 Research Grant, Indiana Academy of Science.

Honors and Awards:

- 2025 Distinguished Alumni Award, Dept. Forestry and Natural Resources, Purdue Univ.

2019 Top Ten Prof, Mortar Board, Univ. Wyoming.
 2019 George Mercer Award (for Jesmer et al 2018 *Science*), Ecological Society of America.
 2018 Faculty Senate Speaker Award, Univ. Wyoming.
 2017 Faculty Award for Internationalization, Univ. Wyoming.
 2015 Extraordinary Merit in Teaching, Univ. Wyoming.
 2014 President's Award for 2014, American Society of Mammalogists.
 2014 Top Ten Teacher, College of Arts and Sciences, Univ. Wyoming.
 2004-present Research Affiliate, Dept. Mammalogy, National Museums of Kenya.
 2003 Graduate, Santa Fe Institute's Complex Systems Summer School.
 2003 Anna M. Jackson Award, American Society of Mammalogists.
 2002 Outstanding Poster Presentation, Dept. Forestry and Natural Resources, Purdue Univ.
 1998 Best Student Paper Award, 50th Kansas Ornithological Society Meeting.
 1998 Mark Enloe Memorial Scholarship, Div. Biology, Kansas State Univ.
 1997 Tri-County Rod and Gun Club Scholarship, Div. Biology, Kansas State Univ.

Teaching Experience:

2020-2024 Population Ecology (undergraduate course), Univ. Wyoming.
 2012-2024 Field Course in Ecology and Conservation of African Savannas (undergraduate course), Univ. Wyoming.
 2011-2024 Mammalogy (undergraduate course), Univ. Wyoming.
 2010-2019 Conservation Biology (undergraduate course), Univ. Wyoming.
 2012-2018 Advanced Ecology (co-taught graduate course), Univ. Wyoming.
 2016 Field Course in Mammalogy (co-taught undergraduate and graduate course), Univ. Wyoming, National Museums of Kenya, and Smithsonian Institution.
 2009 Field Course in Ecology and Conservation of African Savannas (undergraduate course), Univ. British Columbia.
 2009 Introduction to Ecology (undergraduate course), Univ. British Columbia.
 2009 Principles and Methodology in Biological Research (co-taught undergraduate course), Univ. British Columbia.
 2008 Advanced Community Ecology (co-taught graduate course), Univ. British Columbia.
 2007-2009 Mammalogy (undergraduate course), Univ. British Columbia.
 2007 Instructor, Field Course in Savanna Ecology, Princeton Univ.
 2004, 2005 Instructor, Kenya Wildlands Program, Univ. California, Santa Barbara.
 2003, 2004 Teaching Assistant, Introduction to Biology for Majors, Univ. New Mexico.
 2000 Instructor, Purdue Univ. Dept. Forestry and Natural Resources Summer Camp. Ottawa National Forest, MI.
 1999, 2000 Teaching Assistant, Ecology of Vertebrates Laboratory, Purdue Univ.
 1998 Student Practicum, Mammalogy, Kansas State Univ.
 1997 University Tutor, General Entomology and Wildlife Conservation, Kansas State Univ.

Selected Presentations at Scientific Meetings:

2023 A.H. Ali* and **J.R. Goheen**. International Mammalogical Congress meeting.
 2023 T.C. Coverdale, P.B. Boucher, J. Singh, T.M. Palmer, **J.R. Goheen**, R.M. Pringle, and A.B. Davies. Ecological Society of America meeting.
 2023 S. Esmaili*, K.A. Schoenecker, S.R.B. King, M-R. Hemami, P. Kaczensky, B. Shahriari, C. Walzer, and **J.R. Goheen**. Pathways 2023 meeting.

- 2023 K.G. Garrett*, L.M. Khasoha*, R.P. Jakopak, G. Opiyo*, and **J.R. Goheen**. International Mammalogical Congress meeting.
- 2023 **J.R. Goheen**, D.N. Kamaru*, T.M. Palmer, A.T. Ford, and C. Riginos. International Mammalogical Congress meeting.
- 2023 L.M. Khasoha*, K.G. Garrett*, R.P. Jakopak, G. Opiyo*, and **J.R. Goheen**. African Small Mammal Symposium meeting.
- 2023 S. Mezzini, E.P. Medici, A.T. Ford*, **J.R. Goheen**, and M.J. Noonan. Gordon Research Conference meeting.
- 2022 L.M. Khasoha*, G. Opiyo, C.G. Reed, T.R. Kartzinel, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2022 S. Esmaeili*, M-R. Hemami, P. Kaczensky, K.A. Schoenecker, S.B. King, S. Bahareh, C. Walzer, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2019 J.M. Alston*, I.M. Abernethy, M.E. Dillon, D.A. Keinath, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2019 S. Esmaeili*, 21 coauthors, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2019 L. Malingati* and **J.R. Goheen**. African Small Mammal Symposium meeting.
- 2019 F. Molina*, J.M. Alston*, B. Maitland*, B.T. Brito*, S. Esmaeili*, A.T. Ford*, B. Hays*, B.R. Jesmer*, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2019 B.R. Palmer-Brown^U, **J.R. Goheen**, L. Malingati, T.M. Palmer, R.M. Pringle, and T.R. Kartzinel. Evolution 2019 meeting.
- 2019 C.G. Reed^U, **J.R. Goheen**, B.R. Palmer-Brown^U, R.M. Pringle, T.M. Palmer, and T.R. Kartzinel. American Society of Mammalogists meeting.
- 2018 J.M. Alston*, I.M. Abernethy, M.E. Dillon, D.A. Keinath, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2018 J.M. Alston*, I.M. Abernethy, M.E. Dillon, D.A. Keinath, and **J.R. Goheen**. Society for Conservation Biology meeting.
- 2018 C.C. Ng'weno*, S.W. Buskirk, N.J. Georgiadis, B.C. Gituku, A.K. Kibungei, L.M. Porensky, D.I. Rubenstein, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2017 A.H. Ali* and **J.R. Goheen**. Society for Range Management meeting.
- 2017 J.M. Alston*, I. Abernethy, D. Keinath, and **J.R. Goheen**. Wyoming State Chapter of The Wildlife Society meeting.
- 2017 D. Boro*, **J.R. Goheen**, A.M. Wambua*, and S.D. Newsome. American Society of Mammalogists meeting.
- 2017 D. Boro*, **J.R. Goheen**, and S.D. Newsome. International Biogeography Society meeting.
- 2017 B.T. Brito*, M.D. Carling, and J.R. Goheen. Wyoming Chapter of The Wildlife Society.
- 2017 S. Esmaeili*, M.R. Hemami, P. Kaczensky, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2017 A.T. Ford*, A.P. Clevenger*, T.O. **Otieno**, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2017 R.P. Jakopak*, A.M. Wambua, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2017 T.R. Kartzinel, R.M. Pringle, and **J.R. Goheen**. Ecological Society of America meeting.
- 2016 B.J. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. American Society of Mammalogists meeting.

- 2016 A.H. Ali*, **J.R. Goheen**, and R. Amin. Pathways Kenya meeting.
- 2015 B.J. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. American Society of Mammalogists meeting.
- 2015 B.J. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. North American Moose Conference.
- 2015 B.J. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. Wyoming State Chapter of The Wildlife Society meeting.
- 2015 B.A. Oates*, **J.R. Goheen**, M.J. Kauffman, G.L. Fralick, and K.L. Monteith. North American Moose Conference.
- 2015 B.A. Oates*, **J.R. Goheen**, G.L. Fralick, K.L. Monteith, J.A. Merkle, M.M. Hayes, D.R. Stahler, D.W. Smith, S. Dewey, S. Cain, M.D. Jimenez, and M.J. Kauffman. The Wildlife Society meeting.
- 2015 B.A. Oates*, **J.R. Goheen**, G.L. Fralick, K.L. Monteith, J.A. Merkle, M.M. Hayes, D.R. Stahler, D.W. Smith, S. Dewey, S. Cain, M.D. Jimenez, and M.J. Kauffman. Wyoming State Chapter of The Wildlife Society meeting.
- 2014 A.T. Ford*, **J.R. Goheen**, D.J. Augustine, T.G. O'Brien, T.M. Palmer, R.M. Pringle, and R.E. Woodroffe. American Society of Mammalogists meeting.
- 2014 A.T. Ford*, **J.R. Goheen**, T.O. Otieno*, T.M. Palmer, R.M. Pringle, D. Ward, and R.E. Woodroffe. Gordon Research Conference meeting.
- 2014 B.A. Jesmer*, **J.R. Goheen**, K.L. Monteith, and M.J. Kauffman. Wyoming State Chapter of The Wildlife Society meeting.
- 2014 B.R. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. American Society of Mammalogists meeting.
- 2014 B.J. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. North American Moose Conference.
- 2014 A.M. Louthan, **J.R. Goheen**, T.O. Otieno*, T.M. Palmer, R.M. Pringle, and D.F. Doak. Ecological Society of America meeting.
- 2014 C.C. Ng'weno* and **J.R. Goheen**. Earthwatch Institute meeting.
- 2014 C.C. Ng'weno* and **J.R. Goheen**. Schlumberger Faculty for the Future meeting.
- 2014 B.A. Oates*, **J.R. Goheen**, M.J. Kauffman, G.L. Fralick, and K.L. Monteith. Wyoming State Chapter of The Wildlife Society meeting.
- 2014 B.A. Oates*, **J.R. Goheen**, M.J. Kauffman, G.L. Fralick, and K.L. Monteith. North American Moose Conference.
- 2013 **J.R. Goheen**, S.D. Newsome, D. Boro*, K. Fox-Dobbs, T.O. Otieno*, and H.S. Young. American Society of Mammalogists meeting.
- 2013 A.T. Ford* and **J.R. Goheen**. Canadian Society for Ecology and Evolution meeting.
- 2013 L. Fraser, ...**J.R. Goheen**, and 66 others in the "HerbDivNet" group. International Association of Vegetation Science meeting.
- 2013 B.R. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. Wyoming State Chapter of The Wildlife Society meeting.
- 2013 B.J. Oates*, G. Fralick, **J.R. Goheen**, M.J. Kauffman, K.L. Monteith, and S. Smith. Wyoming State Chapter of The Wildlife Society meeting.
- 2013 R.M. Pringle, T.M. Palmer, and **J.R. Goheen**. Savanna Science Network Meeting.
- 2012 **J.R. Goheen** and T.M. Palmer. Ecological Society of America meeting.
- 2012 N. Guernsey, K. Lohse, T. Bowyer, M.J. Kauffman, and **J.R. Goheen**. American Society of Mammalogists meeting.

- 2012 B.R. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. Wyoming State Chapter of The Wildlife Society meeting.
- 2012 B.R. Jesmer*, **J.R. Goheen**, M.J. Kauffman, and K.L. Monteith. The Wildlife Society meeting.
- 2012 S.N. Kinyua*, **J.R. Goheen**, B. Agwanda, T.M. Palmer, and R.M. Pringle. Student Conference on Conservation Science at Oxford University.
- 2012 C.C. Ng'weno* and **J.R. Goheen**. Kenya Wildlife Service Carnivore Research conference.
- 2012 B.A. Oates*, **J.R. Goheen**, M.J. Kauffman, G. Fralick, and K.L. Monteith. Wyoming State Chapter of The Wildlife Society meeting.
- 2011 A.H. Ali*, S. Andanje, and **J.R. Goheen**. Association for Tropical Biology and Conservation and African Section of Society for Conservation Biology meeting.
- 2011 B.R. Jesmer*, **J.R. Goheen**, and M.J. Kauffman. Wyoming State Chapter of The Wildlife Society meeting.
- 2011 S.N. Kinyua*, **J.R. Goheen**, and G. Wahungu. African Advanced Study Institute on Conservation Biology.
- 2011 S.N. Kinyua*, B. Agwanda, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2010 **J.R. Goheen**, M.C. Drever, and K. Martin. Wyoming State Chapter of The Wildlife Society meeting.
- 2010 **J.R. Goheen** and T.M. Palmer. American Society of Mammalogists meeting.
- 2010 J.E. Maclean*, **J.R. Goheen**, D.F. Doak, T.M. Palmer, and T.P. Young. British Ecological Society meeting.
- 2009 **J.R. Goheen**, T.M. Palmer, and J.E. Maclean*. Ecological Society of America meeting.
- 2008 **J.R. Goheen**. Canadian Society for Ecology and Evolution meeting.
- 2008 M.C. Drever, **J.R. Goheen**, K. Martin. American Ornithologists Union meeting.
- 2007 **J.R. Goheen**, F. Keesing, T.M. Palmer, C. Riginos, and T.P. Young. American Society of Mammalogists meeting.
- 2007 S.K.M. Ernest, J.H. Brown, K.M. Thibault, E.P. White, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 2007 R.M. Pringle, C. Riginos, B.F. Allan, **J.R. Goheen**, F. Keesing, D.J. McCauley, W. Odadi, T.M. Palmer, M.L. Stanton, and T.P. Young. Ecological Society of America meeting.
- 2006 S.K.M. Ernest, J.H. Brown, **J.R. Goheen**, K.M. Thibault, and E.P. White. Ecological Society of America meeting.
- 2006 S.K.M. Ernest, J.H. Brown, **J.R. Goheen**, K.M. Thibault, and E.P. White. Gordon Research Conference meeting.
- 2006 S. Poe, **J.R. Goheen**, and E.P. Hulebak. American Society of Ichthyologists and Herpetologists meeting.
- 2005 **J.R. Goheen**, E.P. White, S.K.M. Ernest, J.H. Brown, J.F. Merritt, P.L. Meserve, and N.A. Slade. International Biogeography Society meeting.
- 2004 **J.R. Goheen**, F. Keesing, B.F. Allan, D. Ogada, R.S. Ostfeld, and T.P. Young. Southwestern Association of Biologists meeting.
- 2004 R.K. Swihart, J.E. Moore, J.E. Duchamp, C. Rizkalla, **J.R. Goheen**, and T.M. Gehring. The Wildlife Society meeting.
- 2003 **J.R. Goheen**, R.K. Swihart, and J.H. Robins. Ecological Society of America meeting.

- 2003 DeWoody, Y.D., R.K. Swihart, B.A. Craig, and **J.R. Goheen**. American Society of Naturalists meeting.
- 2003 F. Keesing, **J.R. Goheen**, B.F. Allan, D. Ogada, and R.S. Ostfeld. Ecological Society of America meeting.
- 2003 **J.R. Goheen**, R.K. Swihart, and J.H. Robins. International Biogeography Society meeting.
- 2002 R.K. Swihart, T.C. Atwood, **J.R. Goheen**, D. Scheiman, K. Munroe, and T.M. Gehring. American Society of Mammalogists meeting.
- 2001 **J.R. Goheen**, K.A. Schmidt, R. Naumann, R.S. Ostfeld, E.M. Schaubert, and A.K. Berkowitz. American Society of Mammalogists meeting.
- 2001 R.K. Swihart, **J.R. Goheen**, and S. Schnellker. American Society of Mammalogists meeting.
- 2000 **J.R. Goheen**, K.A. Schmidt, and R. Naumann. American Society of Mammalogists meeting.
- 2000 K.A. Schmidt, **J.R. Goheen**, R. Naumann, and R.S. Ostfeld. Ecological Society of America meeting.
- 1999 **J.R. Goheen**, G.A. Kaufman, and D.W. Kaufman. American Society of Mammalogists meeting.
- 1999 K.A. Schmidt and **J.R. Goheen**. Ecological Society of America meeting.
- 1998 **J.R. Goheen**, K.A. Schmidt, and R.S. Ostfeld. Kansas Ornithological Society meeting.
- 1998 **J.R. Goheen**, K.A. Schmidt, and R.S. Ostfeld. Kansas Mammalogists Society meeting.
- 1998 **J.R. Goheen**, G.A. Kaufman, and D.W. Kaufman. Kansas Academy of Sciences meeting.
- 1998 D.M. Post, T.S. Armbrust, E.A. Horne, and **J.R. Goheen**. American Society of Mammalogists meeting.
- 1997 **J.R. Goheen**, G.A. Kaufman, and D.W. Kaufman. Kansas Mammalogists Society meeting.

Invited Seminars, Symposia, and Workshops:

- 2024 Department of Biology, Colorado State Univ.
- 2024 School of Ecology, Univ. Georgia.
- 2023 Department of Environmental Studies, Univ. Colorado, Boulder.
- 2022 Capstone Session, Kansas Academy of Sciences meeting.
- 2021 School of Natural Resources and the Environment, University of Arizona.
- 2021 Department of Natural Resource Management, South Dakota State Univ.
- 2021 Mammal Committee, Nature Kenya, Nairobi, Kenya.
- 2021 Department of Natural and Environmental Sciences, Western Colorado Univ.
- 2020 Department of Ecology and Evolutionary Biology, Univ. Colorado, Boulder.
- 2019 Department of Biology and Wildlife, Univ. Alaska.
- 2019 Department of Environmental Science, Policy, and Management, Univ. California, Berkeley.
- 2018 Department of Biology, Bemidji State Univ.
- 2018 Department of Ecology and Evolutionary Biology, Princeton Univ.
- 2017 Division of Biology, Kansas State Univ.
- 2017 School of Environmental and Forest Sciences, Univ. Washington.
- 2017 Climate Change and Small Mammals symposium, American Society of Mammalogists meeting.

2016 Department of Biology, Univ. New Mexico.
 2014 Division of Biology, Univ. Montana.
 2013 Cary Institute of Ecosystem Studies, Millbrook, New York.
 2013 Saturday University Seminar Series, Univ. Wyoming.
 2013 Department of Zoology, Southern Illinois Univ.
 2012 Antelope Conservation in the Horn of Africa symposium, Association of Zoos and Aquariums and IUCN meeting.
 2012 Department of Wildland Resources, Utah State Univ.
 2011 Department of Biology, Univ. Vermont.
 2011 AMK Ranch Summer Seminar Series, Univ. Wyoming.
 2011 New Ecological and Evolutionary Perspectives on Mammalian Biogeography symposium, American Society of Mammalogists meeting.
 2011 Systematic Analyses to Understand the Patterns and Process of Mammal Declines, Australian Centre for Ecological Analysis and Synthesis (ACEAS).
 2011 Department of Zoological Sciences, Kenyatta Univ.
 2010 Department of Mammalogy, National Museums of Kenya.
 2010 Department of Plant and Wildlife Sciences, Brigham Young Univ.
 2009 Department of Biological Sciences, Louisiana State Univ.
 2009 Denver Zoological Society, Denver, Colorado.
 2009 International Mammalogical Congress, Mendoza, Argentina.
 2007 Museum of Vertebrate Zoology, Univ. California, Berkeley.
 2007 Serengeti Biocomplexity Workshop, Univ. British Columbia.
 2006 National Centre for Ecological Analysis and Synthesis (NCEAS).
 2006 Student Awards Plenary Session, American Society of Mammalogists meeting.
 2006 Department of Biological Sciences, Texas Tech Univ.
 2005 Student Awards Plenary Session, American Society of Mammalogists meeting.
 2005 Archbold Biological Station.
 2004 U.S. Environmental Protection Agency STAR graduate fellows conference.
 2003 Student Awards Plenary Session, American Society of Mammalogists meeting.

Professional Service and Outreach:

2024-present Member, Strategic Planning Committee, American Society of Mammalogists.
 2023-present Publications Director, American Society of Mammalogists.
 2023 Coordinator, “Recent advances in the conservation of African mammals” symposium, American Society of Mammalogists
 2022-2023 Appointed Member, International Federation of Mammalogists Board of Directors.
 2021-2023 Co-chair, International Relations Committee, American Society of Mammalogists.
 2021-2023 Member, Decadal Vision Committee, American Society of Mammalogists.
 2020-present Member, Kaufman Award Committee, American Society of Mammalogists.
 2018-present Member, African Research Fellowship Committee, American Society of Mammalogists.
 2018-present Assigning Editor, *Ecological Applications*.
 2017 Coordinator (with S. Twombly), “Success With NSF” short course, Univ. Wyoming.
 2017-2018 NEON Small Mammal Technical Working Group.
 2017-2023 Publications Advisory Board, American Society of Mammalogists.
 2016-2019 Elected Member, American Society of Mammalogists Board of Directors.
 2016-2023 Subject Matter Editor, *Journal of Mammalogy*.

- 2014-present Panelist, U.S. National Science Foundation.
- 2013-2019 Chair, African Graduate Student Research Fund Committee, American Society of Mammalogists.
- 2013 Fulbright Selection Committee, Univ. Wyoming.
- 2012-2023 Member, Conservation Awards Committee, American Society of Mammalogists.
- 2012-2018 Subject Matter Editor, *Ecological Applications*.
- 2012 Founder and Coordinator, Univ. Wyoming-Laikipia Wildlife Forum training exchange program.
- 2012 Member, Faculty Advisory Board for Univ. Wyoming Environment and Natural Resources Program.
- 2012 Affiliate Faculty, Science and Mathematics Teaching Center, Univ. Wyoming.
- 2011 Member, Planning Committee for Univ. Wyoming Biodiversity Initiative.
- 2009,10 Reviewer, Murdock Trust Life Sciences grant proposal.
- 2009, 14, 15 Host, Breakfast With a Scientist mixer, American Society of Mammalogists.
- 2008 Evaluator of Presentations, Canadian Society for Ecology and Evolution.
- 2008-2020 Member, International Relations Committee, American Society of Mammalogists.
- 2008-2012 Member, Publications Committee, Ecological Society of America.
- 2007-present Member, International Review Panel, African Journal of Ecology.
- 2007-present Member, Scientific Advisory Council, Mpala Research Centre.
- 2007, 11 External Committee Examiner, University of KwaZulu-Natal, South Africa.
- 2007, 10, 15 Session Chair, American Society of Mammalogist.
- 2007, 09, 11 Reviewer, National Geographic Society grant proposal.
- 2006, 08, 10 Presenter, Laikipia Wildlife Forum meeting, Laikipia, Kenya.
- 2006-present Member, Grants-in-Aid Committee, American Society of Mammalogists.
- 2005-2007 Elected Member, American Society of Mammalogists Board of Directors.
- 2003 Judge, Albuquerque Public Schools Science Fair.
- 2003-present Evaluator of presentations, American Society of Mammalogists.
- 2001-2017 External reviewer, National Science Foundation grant proposal.
- 2000, 01 Group leader, Project Future (an outreach program to inform middle school students about careers in science), Purdue Univ.
- 2000-2006 Member, Education and Graduate Students Committee, American Society of Mammalogists.
- 1999-2006 Member, Conservation of Land Mammals Committee, American Society of Mammalogists.

Manuscript Reviews:

Acta Theriologica, African Journal of Ecology, African Zoology, American Midland Naturalist, American Naturalist, Animal Conservation, Biodiversity and Conservation, Biological Conservation, Biological Invasions, Biology Letters, Bioscience, Canadian Journal of Zoology, Current Biology, Ecological Applications, Ecological Modeling, Ecology, Ecology Letters, Ecography, Ecoscience, Ecosystems, Ethology, Forest Ecology & Management, Functional Ecology, Global Change Biology, Global Ecology and Biogeography, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Ecology, Journal of Mammalogy, Journal of Tropical Ecology, Journal of Wildlife Management, Mammalian Species Accounts, Movement Ecology, Nature Ecology and Evolution, Nature Sustainability, Oecologia, Oikos, Plant Ecology, Proceedings of the Royal Society Series B, Rangeland Ecology & Management, Science, Science Advances, Trends in Ecology and Evolution, Western North American Naturalist

Memberships in Professional Societies:

American Society of Mammalogists (life member since 2006, patron member since 2019)
Nature Kenya

Research Group and Personnel Training:

Graduate students and postdoctoral associate:

- 2023-present Mr. Lane Jeakle, MSc student, Univ. Wyoming. Thesis topic: source-sink dynamics of marten in southern Wyoming.
- 2022-present Ms. Annabella Helman, PhD student, Univ. Wyoming. Dissertation topic: prey naivete and restoration following predator recolonization to Laikipia, Kenya.
- 2021-present Mr. Douglas Kamaru, PhD student, Univ. Wyoming. Dissertation topic: interspecific competition between lions and humans in the Tsavo Conservation Area.
- 2020-present Mr. Leo Khasoha, PhD student, Univ. Wyoming. Dissertation topic: resilience and life history theory of savanna small mammals.
- 2020-present Mr. Dedan Ngatia, PhD student, Univ. Wyoming (co-advised with R. Woodroffe). Dissertation topic: climate warming and population viability of African wild dogs.
- 2018-2023 Mr. Douglas Kamaru, MSc student, Univ. Nairobi. Thesis topic: shifting landscapes of fear in response to mutualism breakdown. Current Position: PhD Student, Univ. Wyoming.
- 2018-2023 Mr. Leo Khasoha, MSc student, Univ. Nairobi. Thesis topic: dietary generalism in a small-mammal community. Current Position: PhD Student, Univ. Wyoming.
- 2018-2023 Mr. Francisco Molina, MSc student, Univ. Wyoming. Thesis topic: predator-prey relationships and the ecology of fear in southern Patagonia.
- 2017-2021 Dr. Jesse Alston, PhD student, Univ. Wyoming. Thesis topic: physiological ecology and biogeography in *Myotis* bats. Current Position: Assistant Professor, University of Arizona.
- 2018-2020 Mr. Brandon Hays, MSc student, Univ. Wyoming. Thesis topic: demographic effects of big-headed ant invasion on acacia. Current Position: PhD student, Duke University.
- 2017-2020 Ms. Brittany Brito, MSc student, Univ. Wyoming. Thesis topic: dietary specialization and rarity of the Wyoming pocket gopher. Current Position: Habitat Biologist, Wyoming Game and Fish Department.
- 2015-2020 Dr. Saeideh Esmaeili, PhD student, Univ. Wyoming. Dissertation topic: reserve design informed by ungulate migrations in southern Iran. Current Position: Research Scientist, Colorado State University and U.S. Geological Survey.
- 2011-2018 Dr. Brett Jesmer, PhD student, Univ. Wyoming (co-advised with M. Kauffman). Thesis topic: intraspecific variation in dietary niches of moose in the Intermountain West. Current Position: Assistant Professor, Virginia Tech University.
- 2014-2017 Ms. Deborah Boro, MSc student, Univ. New Mexico (co-advised with S. Newsome). Thesis topic: ecological generalism and the abundance-occupancy relationship. Current Position: Data Analyst, New Mexico Natural Heritage Program.
- 2012-2016 Mr. Brendan Oates, MSc student, Univ. Wyoming (co-advised with M. Kauffman). Thesis topic: effects of predators on moose demography in northwestern Wyoming. Current Position: Research Biologist, Washington Department of Fish and Wildlife.
- 2011-2017 Dr. Caroline Ng'weno, PhD student, Univ. Wyoming. Dissertation topic: predator-prey dynamics and livestock production in Laikipia, Kenya. Current Position: Director of Research, Nature Kenya.

- 2010-2016 Dr. Abdullahi Hussein Ali, PhD student, Univ. Wyoming. Dissertation topic: range restoration and conservation of hirola antelope in northeastern Kenya. Current Position: Founder and Coordinator, Hirola Conservation Programme.
- 2012-2015 Mr. Tobias Ochieng Otieno, MSc student, Moi Univ. (co-advised with A. Ford and P. Webala). Thesis topic: foraging preferences of browsing ungulates under risk of predation. Current Position: Coordinator of Field Research, Ewaso Lions.
- 2010-2014 Dr. Adam Ford, PhD student, Univ. British Columbia. Dissertation topic: carnivore restoration, plant defense, and trophic cascades. Current Position: Associate Professor, University of British Columbia Okanagan.
- 2012-2013 Dr. Corinna Riginos, Berry Postdoctoral Fellow, Univ. Wyoming. Current Position: Director of Science, The Nature Conservancy, Lander, Wyoming.
- 2010-2013 Mr. Stephen Kinyua, MSc student, Moi Univ. (co-advised with G. Wahungu). Thesis topic: interactive effects of rainfall and ungulate extinction on community dynamics of small mammals. Current Position: Coordinator of East Africa Program, International Fund for Animal Welfare.
- 2009-2011 Ms. Bridget Conneely, MSc student, Univ. British Columbia. Thesis topic: habitat selection of reintroduced grazing ungulates in Gorongosa National Park, Mozambique. Current Position: GIS Manager, Gorongosa Restoration Project.
- 2008-2012 Ms. Janet Maclean, MSc student, Univ. British Columbia (co-advised with R. Turkington). Thesis topic: herbivory and tree demography in savanna ecosystems. Current Position: PhD Student, University of Aberdeen.

Field, laboratory, and GIS technicians:

- 2023-present Ms. Olivia Poore, Wyoming Undergraduate Research Scholar, Univ. Wyoming.
- 2023-2024 Mr. Roche Espadron, Wyoming Undergraduate Research Scholar, Univ. Wyoming.
- 2021-2024 Ms. Katherine Garrett, Wyoming Undergraduate Research Scholar, Univ. Wyoming.
- 2021 Ms. Violet Gatonye, field technician, Mpala Research Centre.
- 2020-2023 Mr. George Lagrange, field technician, Mpala Research Centre.
- 2020-2021 Ms. Cate Lonyangaita, field technician, Mpala Research Centre.
- 2019-2020 Ms. Sarah Weiner, undergraduate field technician and NSF Research Experience for Undergraduates student, Mpala Research Centre.
- 2019 Ms. Kate Steinfield, undergraduate field technician, Ol Pejeta Conservancy.
- 2018 Mr. Scott Carpenter, undergraduate field technician, Ol Pejeta Conservancy.
- 2017 Ms. Thyme Cooke, Wyoming Undergraduate Research Scholar, Univ. Wyoming.
- 2017 Ms. Marissa Dyck, undergraduate EPSCOR fellow, Univ. Wyoming.
- 2016 Mr. Brandon Hays, Fulbright scholar, Ol Pejeta Conservancy.
- 2016 Ms. Rhiannon Jakopak, undergraduate field technician, Mpala Research Centre.
- 2015-2017 Mr. Alois Wambua, field technician, Mpala Research Centre.
- 2015-present Mr. Gilbert Busienei, field technician, Mpala Research Centre.
- 2015 Ms. Megan Dudenhoefter, undergraduate EPSCOR fellow, Univ. Wyoming.
- 2014 Mr. Deo Lachman, undergraduate lab technician, Univ. Wyoming.
- 2014 Mr. Christian Bopp, undergraduate EPSCOR fellow, Univ. Wyoming.
- 2013 Mr. Daniel Greenwood, undergraduate lab technician, Univ. Wyoming.
- 2013 Ms. Karissa Rybicki, undergraduate lab technician, Univ. Wyoming.
- 2012-2013 Ms. Deborah Boro, undergraduate lab technician, Univ. Wyoming.
- 2011-2013 Mr. Clint Atkinson, undergraduate lab technician, Univ. Wyoming.
- 2008-2012 Mr. Jackson Lima, field technician, Mpala Research Centre.

- 2008-2009 Mr. Eric Sum, undergraduate GIS technician, Univ. British Columbia.
- 2008 Mr. Nolan Bett, undergraduate independent studies student, Univ. British Columbia.
- 2008 Ms. Linda Lin, undergraduate GIS technician, Univ. British Columbia.
- 2008 Ms. Caitlin McLagan, undergraduate practicum for Mammalogy, Univ. British Columbia.
- 2008 Mr. Ceicil Otieno, undergraduate GIS and remote sensing technician, Mpala Research Centre and Kenya Institute of Surveys and Mapping.
- 2005-present Mr. Simon Lima, field technician, Mpala Research Centre.
- 2002-present Mr. Abdikadir Ali Hassan, field technician, Mpala Research Centre.