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EDUCATION

Ph.D.	Ecology	University of Wyoming	2010
M.S.	Zoology and Physiology	University of Wyoming	2005
B.S.	Wildlife and Biology	University of Wisconsin-Stevens Point	2002

POSITIONS HELD

Professor, 2022-present, University of Wisconsin-Madison, Department of Forest and Wildlife Ecology
Associate Professor, 2017-2022, University of Wisconsin-Madison, Department of Forest and Wildlife Ecology

Assistant Professor, 2011-2017, University of Wisconsin-Madison, Department of Forest and Wildlife Ecology

Post-doctoral Research Associate, 2010, University of Wisconsin-Madison, Department of Forest and Wildlife Ecology

PEER-REVIEWED PUBLICATIONS (not shown: 10 manuscripts currently in review or revision)

- Smith, M.M., J.D. Erb, and **J.N. Pauli**. *in press*. Seasonality drives the survival landscape of a recovering forest carnivore in a changing world. *Proceedings of the Royal Society B*.
- Rudolf, M., E.C. Wilson, and **J.N. Pauli**. Anomalous snow events increase mortality for a winter-adapted species. *Canadian Journal of Zoology*.
- Gudex-Cross, D., L. Zhu, S.R. Keyser, B. Zuckerberg, **J.N. Pauli** and V.C. Radeloff. *In press*. Winter conditions structure extratropical patterns of species richness of amphibians, birds, and mammals globally.
- Scott, A.M., J.H. Gilbert, and **J.N. Pauli**. *in press*. Population and Community Responses of Small Mammals to Single-tree Selection Harvest in Laurentian Hardwood Forests. *American Midland Naturalist*.
- Bougie, T.A., M.Z. Peery, C.N. Lapin, J.E. Woodford, and **J.N. Pauli**. *in press*. Not all management is equal: a comparison of methods to increase wood turtle population viability. *Journal of Wildlife Management*.
- Barceló, G., P.L. Perrig, P. Dharampal, E. Donadio, S.A. Steffan, and **J.N. Pauli**. *in press*. More than just meat: Carcass decomposition shapes trophic identities in a terrestrial vertebrate. *Functional Ecology*.
- Monk, J.D., J.A. Smith, E. Donadio, P.L. Perrig, R.D. Crego, M. Fileni, O.R. Bidder, S.A. Lambertucci, **J.N. Pauli**, O.J. Schmitz, and A.D. Middleton. *in press*. Cascading effects of a disease outbreak in a remote protected area. *Ecology Letters*
- Wilson, E.C., B. Zuckerberg, M.Z. Peery and **J.N. Pauli**. *in press*. Experimental repatriation of snowshoe hares along a southern range boundary reveals historical community interactions. *Ecological Monographs*.
- Pauli, J.N.**, P.J. Manlick, J.M. Tucker, G.B. Smith, P.G. Jensen, J.T. Fisher. *in press*. Niche compression and competitive overlap between martens and fishers: a rangewide perspective and synthesis. *Mammal Review*.
- Rodriguez Curras, M., E. Donadio, A.D. Middleton, and **J.N. Pauli**. *in press*. Carnivore niche partitioning in a human landscape. *American Naturalist*.
- Shipley, A.A., M.J. Sheriff, **J.N. Pauli**, and B. Zuckerberg. Weather and land cover create a predictable "stress-scape" for a winter-adapted bird. *in press*. *Landscape Ecology*.
- Sultaire, S.M., J.M. Humphreys, B. Zuckerberg, **J.N. Pauli** and G.J. Roloff. *in press*. Spatial variation in bioclimatic relationships for a snow-adapted species along a discontinuous southern range boundary. *Journal of Biogeography*.
- Rodriguez Curras, M., E. Donadio, A.D. Middleton, and **J.N. Pauli**. *in press*. Perceived risk structures the space use of competing carnivores. *Behavioral Ecology*.

- Smith, G.B., J.M. Tucker, and **J.N. Pauli**. *in press*. Habitat and drought influence the diet of an unexpected mycophagist: fishers in the Sierra Nevada, California. *Journal of Mammalogy*.
- Scott, A.M., J.H. Gilbert, and **J.N. Pauli**. *in press*. Small mammal dynamics in snow-covered forests. *Journal of Mammalogy*.
- Smith, M.M., J.H. Gilbert, E.R. Olson, K.T. Scribner, T.R. Van Deelen, J.F. Van Stappen, B.W. Williams, J.E. Woodford, and **J.N. Pauli**. 2021. A recovery network leads to the natural recolonization of an archipelago and a potential trailing edge refuge. *Ecological Applications* 31: e02416.
- Gudex-Cross, D., S.R. Keyser, B. Zuckerberg, D. Fink, L. Zhu, **J.N. Pauli**, and V.C. Radeloff. 2021. Winter Habitat Indices (WHIs) for the contiguous US and their relationship with winter bird diversity. *Remote Sensing of Environment* 255:112309.
- Perrig, P.L., S.A. Lambertucci, P.A.E. Alarcón, A.D. Middleton, J. Padró, P.I. Plaza, G. Blanco, J.A. Sánchez-Zapata, J.A. Donázar and **J.N. Pauli**. 2021. Limited sexual segregation in a dimorphic avian scavenger, the Andean condor. *Oecologia* 196: 77-88.
- Pauli, J.N.** and M. Egerstedt. 2021. Robot ecology: An inspiration for future ecologists. *BioScience* 71: 325-326.
- Martin, M.E., K.M. Moriarty, and **J.N. Pauli**. 2021. Scale and season influence resource selection of a snow-adapted forest carnivore, the Pacific marten. *Landscape Ecology* 36: 1055-1069.
- Thompson, K.L., B. Zuckerberg, W.P. Porter and **J.N. Pauli**. 2021. The decline of a hidden and expansive microhabitat: the subnivium. *Frontiers in Ecology and the Environment* 19: 268-273.
- Black, K.L., P.J. Manlick, M.C. Romanski, and **J.N. Pauli**. 2021. Exploring the origins of red foxes (*Vulpes vulpes*) on Isle Royale. *American Midland Naturalist* 185: 260-266.
- Smith, J.A., E. Donadio, O.R. Bidder, **J.N. Pauli**, M.J. Sheriff, P.L. Perrig, and A.D. Middleton. 2020. Where and when to hunt? Decomposing predation success of an ambush carnivore. *Ecology* 101: e03172.
- Padro, J., P.L. Perrig, S.A. Lambertucci, **J.N. Pauli**. 2020. Andean and California condors possess dissimilar genetic composition but exhibit similar demographic histories. *Ecology and Evolution* 10: 13011-13021.
- Silverthorne, K.M., P.L. Perrig, S.A. Lambertucci, and **J.N. Pauli**. 2020. Isotopic niche partitioning in avian scavenger communities of South America. *Journal of Raptor Research*. 54: 440-446.
- Manlick, P.J. and **J.N. Pauli**. 2020. Human disturbance increases trophic niche overlap in terrestrial carnivore communities. *Proceedings of the National Academy of Sciences* 117: 26842-26848.
- Bougie T.A., N.W. Byer, C.N. Lapin, M.Z. Peery, J.E. Woodford, **J.N. Pauli**. 2020. Wood turtle (*Glyptemys insculpta*) nest protection reduces depredation and increases success, but annual variation influences its effectiveness. *Canadian Journal of Zoology* 98: 715-724.
- Fitzpatrick, M.J., W.P. Porter, **J.N. Pauli**, M.R. Kearney, M. Notaro, B. Zuckerberg. 2020. Future winters present a complex energetic landscape of decreased costs and reduced risk for a freeze-tolerant amphibian, the wood frog (*Lithobates sylvaticus*). *Global Change Biology* 26: 6350-6362.
- Wilson, E.C., B. Zuckerberg, M.Z. Peery and **J.N. Pauli**. 2020. The past, present and future impacts of climate and land use change on snowshoe hares along their southern range boundary. *Biological Conservation* 249:108731.
- Manlick, P.J., S.K. Windels, J.E. Woodford, and **J.N. Pauli**. 2020. Can landscape heterogeneity promote carnivore coexistence in human-dominated landscapes? *Landscape Ecology* 35: 2013-2027.
- Perrig, P.L., S.A. Lambertucci, J. Cruz, P.A.E. Alarcon, P.I. Plaza, A.D. Middleton, G. Blanco, J.A. Sanchez-Zapata, J. A. Donazar, **J.N. Pauli**. 2020. Identifying conservation priority areas for the Andean condor in southern South America. *Biological Conservation* 243:108494.
- Parsons, M.A., J.C. Lewis, **J.N. Pauli**, T. Chestnut, J.I. Ransom, D.O. Werntz, and L.R. Prugh. 2020. Prey of reintroduced fishers and their habitat relationships in the Cascades Range, Washington. *Forest Ecology and Management* 460:117888.
- Martin, M.E., K.M. Moriarty, and **J.N. Pauli**. 2020. Forest structure and snow depth alter the movement patterns and subsequent expenditures of a forest carnivore, the Pacific marten. *Oikos* 129:356-366.
- Gigliotti, L.C., N.D. Berg, R. Boonstra, S.M. Cleveland, D.R. Diefenbach, E.M. Gese, J.S. Ivan, K. Kielland, C.J. Krebs, A.V. Kumar, L.S. Mills, **J.N. Pauli**, B. Underwood, E.C. Wilson, M.J. Sheriff.

2020. Latitudinal variation in snowshoe hare (*Lepus americanus*) body mass: A test of Bergmann's Rule. *Canadian Journal of Zoology* 98: 88-95.
- Pauli, J.N., P.J. Manlick, P.S. Dharampal, Y. Takizawa, Y. Chikaraishi, L.J. Niccolai, J.A. Grauer, K.L. Black, M. Garces Restrepo, P.L. Perrig, E.C. Wilson, M.E. Martin, M. Rodriguez Curras, T.A. Bougie, K.L. Thompson, M.M. Smith, S.A. Steffan. 2019. Quantifying niche partitioning and multichannel feeding among tree squirrels. *Food Webs* 21: e00124.
- Perrig, P.L., E.D. Fountain, S.A. Lambertucci and J.N. Pauli. 2019. Demography of avian scavengers after Pleistocene megafaunal extinction. *Scientific Reports* 9: 9680.
- Padro, J., J.N. Pauli, P.L. Perrig, and S.A. Lambertucci. 2019. Genetic consequences of social dynamics in the Andean condor: the role of sex and age. *Behavioral Ecology and Sociobiology* 73:100.
- Fitzpatrick, M.J., B. Zuckerberg, J.N. Pauli, M.R. Kearney, K.L. Thompson, L.C. Werner, W.P. Porter. 2019. Modeling the distribution of niche space and risk for a freeze-tolerant ectotherm, *Lithobates sylvaticus*. *Ecosphere* 10: e02788.
- Kelt, D.A., E.J. Heske, S. Sommer, Arpat Ozgul, J.L. Orrock, L. Prugh, J.N. Pauli, X. Lambin, M.K. Oli, and R. Sollmann. 2019. Advances in population ecology and species interactions in mammals. *Journal of Mammalogy* 100: 965-1007.
- Demery, K., M. McLoon, B. Winesett, J. Fastner, E. Hammerer, and J.N. Pauli. 2019. Food subsidies of Raccoons in anthropogenic landscapes. *Canadian Journal of Zoology* 97: 654-657.
- Shipley, A.A., M.J. Sheriff, J.N. Pauli, and B. Zuckerberg. 2019. Snow roosting reduces temperature-associated stress in a wintering bird. *Oecologia* 190:309-321.
- Savage, A.R., P.J. Manlick, M.C. Romanski, and J.N. Pauli. 2019. A reclassification of red squirrels, *Tamiasciurus hudsonicus* (Rodentia: Sciuridae), on Isle Royale. *Biological Journal of the Linnean Society* 127: 213-223.
- Smith, J.A., E. Donadio, J.N. Pauli, M.J. Sheriff, and A.D. Middleton. 2019. Habitat complexity mediates the predator-prey space race. *Ecology* 100: e02724.
- Kirby, R., H.E. Johnson, M.W. Alldredge, J.N. Pauli. 2019. The cascading effects of human food on hibernation and cellular aging in free-ranging black bears. *Scientific Reports* 9:2197.
- Smith, J.A., E. Donadio, J.N. Pauli, M.J. Sheriff, and A.D. Middleton. 2019. Integrating temporal refugia into landscapes of fear: prey exploit predator downtimes to forage in risky places. *Oecologia* 189:883-890.
- Garces-Restrepo, M., M.Z. Peery, and J.N. Pauli. 2019. The demography of a resource specialist in the tropics: Cecropia trees and the fitness of three-toed sloths. *Proceedings of the Royal Society B* 286: 20182206.
- Grauer, J.A., J.H. Gilbert, J.E. Woodford, D. Eklund, S. Anderson, and J.N. Pauli. 2019. Modest immigration can rescue a reintroduced carnivore population. *Journal of Wildlife Management* 83:567-576.
- Perrig, P.L., S.A. Lambertucci, E. Donadio, J. Padro, and J.N. Pauli. 2019. Monitoring vultures in the 21st century: the need for standardized protocols. *Journal of Applied Ecology* 56:796-801.
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- Wilson, E.C., A.A. Shipley, B. Zuckerberg, M.Z. Peery and J.N. Pauli. 2019. An experimental translocation identifies habitat features that buffer camouflage mismatch in snowshoe hares. *Conservation Letters* 12:e12614.
- Egerstedt, M., J.N. Pauli, G. Notomista, and S. Hutchinson. 2018. Robot ecology: constraint-based control design for long duration autonomy. *Annual Reviews in Control* 46:1-7.
- Larson, R.C., R. Kirby, N. Kryshak, M. Alldredge, D.B. McDonald, and J.N. Pauli. 2018. The genetic structure of American black bears populations in the southern Rocky Mountains. *Intermountain Journal of Sciences* 24:56-66.
- Black, K.L., S.K. Petty, V. Radeloff, and J.N. Pauli. 2018. The Great Lakes Region is a melting pot for vicariant red fox (*Vulpes vulpes*) populations. *Journal of Mammalogy* 99:1229-1236.
- Padro, J., S.A. Lambertucci, P.L. Perrig, and J.N. Pauli. 2018. Evidence of genetic structure in a wide-ranging and highly mobile soaring scavenger, the Andean condor. *Diversity and Distributions* 24:1534-1544

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- Thompson, K.L., B. Zuckerberg, W.P. Porter, and **J.N. Pauli**. 2018. The phenology of the subnivium. *Environmental Research Letters* 13: 064037.
- Pauli, J.N.**, E. Donadio, and S.A. Lambertucci. 2018. The corrupted carnivore: how humans are rearranging the return of the carnivore-scavenger relationship. *Ecology* 99:2122-2124.
- Garces-Restrepo, M., **J.N. Pauli**, and M.Z. Peery. 2018. Natal dispersal of tree sloths in a human-dominated landscape: Implications for tropical biodiversity conservation. *Journal of Applied Ecology* 55:2253-2262.
- Zuckerberg, B., and **J.N. Pauli**. 2018. Conserving the subnivium: a sensitive seasonal refugium. *Conservation Biology* 32:774-781.
- Kirby, R., C. Freeh, J.H. Gilbert, J.F. Olson, **J.N. Pauli**. 2018. Poor body condition and diet diversity in a harvested population of fishers. *Wildlife Biology* 2018: 00334.
- Fountain, E.D., **J.N. Pauli**, P.J. Palsboll, J. Kang, D.J. Tempel and M.Z. Peery. 2018. Genomics meets applied ecology: Characterizing habitat quality for sloths in a tropical agro-ecosystem. *Molecular Ecology* 27:41-53.
- Grauer, J.A., J.H. Gilbert, J.E. Woodford, D. Eklund, S. Anderson, **J.N. Pauli**. 2017. Unexpected genetic composition of a reintroduced carnivore population. *Biological Conservation* 215:246-253.
- Garces-Restrepo, M.F., M.Z. Peery, B. Reid, **J.N. Pauli**. 2017. Individual reproductive strategies shape the mating system of tree sloths. *Journal of Mammalogy* 98:1417-1425.
- Kirby, R., D.M. MacFarland, **J.N. Pauli**. 2017. Consumption of intentional food subsidies by a hunted carnivore. *Journal of Wildlife Management* 81:1161-1169.
- Manlick, P.J., J.E. Woodford, B. Zuckerberg, and **J.N. Pauli**. 2017. Niche compression intensifies competition between reintroduced American martens (*Martes americana*) and fishers (*Pekania pennanti*). *Journal of Mammalogy* 98:690-702.
- Kirby, R., M.W. Alldredge, **J.N. Pauli**. 2017. Environmental, not individual, factors drive markers of biological aging in black bears. *Evolutionary Ecology* 31:571-584.
- Pauli, J.N.**, S.D. Newsome, J.A. Cook, C. Harrod, S.A. Steffan, C.J.O. Baker, M. Ben-David, D. Bloom, G.J. Bowen, T.E. Cerling, C. Cicero, C. Cook, M. Dohm, P.S. Dharampal, G. Graves, R. Gropp, K.A. Hobson, C. Jordan, B. MacFadden, S. Pilaar Birch, J. Poelen, S. Ratnasighnam, L. Russell, C.A. Stricker, M.D. Uhen, C.T. Yarnes, and B. Hayden. 2017. Why we need a centralized repository for isotopic data. *Proceedings of the National Academy of Sciences* 114: 2997-3001.
- Fountain, E.D., **J.N. Pauli**, J.E. Mendoza, J. Carlson and M.Z. Peery. 2017. Cophylogenetics and biogeography reveal a coevolved relationship between sloths and their symbiont algae. *Molecular Phylogenetics and Evolution* 110:73-80.
- Steffan, S.S., Y. Chikaraishi, P. Dharampal, **J.N. Pauli**, C. Guédot, H. Ohkouchi. 2017. Unpacking brown food-webs: Animal trophic identity reflects rampant microbivory. *Ecology and Evolution* 7: 3532-3541
- Pauli, J.N.**, C.C. Carey, M.Z. Peery. 2017. Green sloths and brown cows: the role of dominant vertebrate herbivores in carbon emissions for tropical agro-ecosystems. *Mammal Review* 47:164-168.
- Perrig, P.L., E. Donadio, A.D. Middleton, **J.N. Pauli**. 2017. Puma predation subsidizes an obligate scavenger in the high Andes. *Journal of Applied Ecology* 54:846-853.
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- Moss, W.M., M.W. Alldredge, K. Logan, and **J.N. Pauli**. 2016. Human expansion precipitates niche expansion for an opportunistic apex predator (*Puma concolor*). *Scientific Reports* 6:39639.
- Kirby, R., M.W. Alldredge, M.W., **J.N. Pauli**. 2016. The diet of black bears tracks the human footprint across a rapidly developing landscape. *Biological Conservation* 200:51-59.
- Sultaire, S.M., **J.N. Pauli**, K.J. Martin, M.W. Meyer, and B. Zuckerberg. 2016. Snowshoe hares are associated with extensive forests and persistent snow cover at their range limit in Wisconsin. *Journal of Wildlife Management* 80:894-905.
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- Sultaire, S., **J.N. Pauli**, K. Martin, M. Meyer, M. Notaro, and B. Zuckerberg. 2016. Climate change surpasses land use change in the contracting range boundary of a winter-adapted mammal. *Proceedings of the Royal Society B* 283:20153104.
- Fountain, E.D., **J.N. Pauli**, B.N. Reid, P.J. Palsbøll, and M.Z. Peery. 2016. Finding the right coverage: The impact of coverage and sequence quality on SNP genotyping error rates. *Molecular Ecology Resources*. 16:966-978.
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- Pauli, J.N.**, S.W. Buskirk., E.S. Williams, and W.H. Edwards. 2006. A plague epizootic in the black-tailed prairie dog (*Cynomys ludovicianus*). *Journal of Wildlife Diseases* 42:74-80.
- Pauli, J.N.**, R.M. Stephens, and S.H. Anderson. 2006. White-tailed prairie dog (*Cynomys leucurus*): a technical conservation assessment. USDA Forest Service, Rocky Mountain Region.
- Pauli, J.N.**, B.E. Bedrosian, and N. Osterberg. 2006. Effects of blowdown on small mammal populations. *American Midland Naturalist* 156:151-162.
- Donadio, E., **J.N. Pauli**, and N. Bonino. 2005. A method to estimate body mass and relative age of exotic lagomorphs in the southern Neotropics. *Acta Theriologica* 50:81-89.
- Pauli, J.N.** 2005. Evidence for long-distance swimming capabilities in red squirrels *Tamiasciurus hudsonicus*. *Northeastern Naturalist* 12:245-248.
- Pauli, J.N.**, S.A. Dubay, E.M. Anderson, and S.J. Taft. 2004. *Strongyloides robustus* and the sympatric populations of northern (*Glaucomys sabrinus*) and southern (*G. volans*) flying squirrels. *Journal of Wildlife Diseases* 40:579-582.

BOOK CHAPTERS

- Pauli, J.N.**, J.W. Pokallus, and R.P. Thiel. *in press*. North American porcupine (*Erethizon dorsatum*). Pp. XX-XX. In: *Wild Furbearer Management and Conservation in North America*, 2nd edition. T.L. Hiller, Ed. Wildlife Ecology Institute, Helena, Montana USA.
- Pauli, J.N.** 2018. Family Bradypodidae (Three-toed sloths). Pp. 118-132. In: *Handbook of Mammals of the World*, vol. 8, Insectivores, D.E. Wilson and R.A. Mittermeier, Eds. Lynx Edicions, Barcelona, Spain.

OTHER PUBLICATIONS

- Pauli, J.N.** 2017. Island Hopping Leads to Unforeseen Connections. 2017. *The Bulletin of the Ecological Society of America* 98:195-196

- Perrig, P.L., and J.N. Pauli. 2016. Andean condors rely on puma predation of camelids. *Connect Magazine*, May Issue.
- Pauli, J.N., and B. Zuckerberg. 2014. Climate change, snow and the subnivium. *Michigan Forests Magazine*, Winter Issue.
- Pauli, J.N. 2013. Can a struggling native survive? Wisconsin's plan to save the American marten. *The Wildlife Professional*, Summer Issue.
- Pauli, J.N. 2011. An Old World furbearer in Wisconsin – the stone marten. *The Wisconsin Trapper*. Fall Issue.
- Pauli, J.N. and S.W. Buskirk. 2008. The case for 'green' bullets. *Rocky Mountain News*. 1 October 2008.

INVITED PROFESSIONAL PRESENTATIONS (not shown: 77 contributed [19 lead and 58 coauthored] presentations)

- Invited speaker of "Furbearer" symposium, The Wisconsin Chapter of The Wildlife Society's 51st Annual Meeting. Virtual, 7-10 March 2022.
- Seminar speaker, UW-Stevens Point. 21 February 2020.
- Seminar speaker, University of Alberta, Edmonton. 21 November 2019.
- Invited speaker, UW-Stevens Point, Treehaven Field Station. 21 January 2019.
- Plenary speaker, National Science Foundation. 5 April 2018.
- Seminar speaker, University of Washington, Seattle. 5 February 2018.
- Seminar speaker, UW-Madison, Department of Entomology. 8 December 2017.
- Symposium speaker, UW-Madison, Abrupt Change in Ecological System Symposium. 16 October 2017.
- Seminar speaker, University of California, Santa Barbara. 2 December 2016.
- Seminar speaker, University of California, Berkeley. 25 October 2016.
- Seminar speaker, Northern Illinois University. 20 October 2016.
- Invited speaker, Office of Naval Research, Washington DC. 21 August 2016.
- Seminar speaker, Georgia Tech University. 10 May 2016.
- Seminar speaker, University of Wyoming. 11 February 2016.
- Seminar speaker, Penn State University. 31 March 2015.
- Seminar speaker, Universidad Nacional del Comahue, Bariloche Argentina. 24 March 2015.
- Seminar speaker, J.F. Crow Institute of Evolutionary Biology, UW-Madison. 12 February 2015.
- Seminar speaker, University of Washington, Seattle. 5 January 2015.
- Seminar speaker, Ripon College. 15 April 2014.
- Organizer and speaker of "Warming winter and wildlife" symposium, The Wildlife Society's 20th Annual Society Meeting. Milwaukee, Wisconsin, 7-11 October 2013.
- Invited speaker, Wisconsin Ecology Fall Symposium, UW-Madison. 2 October 2013.
- Invited speaker, Wisconsin Marten Scientific Advisory Meeting. 13 September 2012.
- Seminar speaker, School of Forest Resources & Environmental Science, Michigan Tech University. 5 April 2012.
- Seminar speaker, Department of Forestry and Natural Resources, Purdue University. 19 October 2010.
- Plenary speaker, Annual Meeting of the American Society of Mammalogists. Laramie, Wyoming, 11-15 June 2010.
- Seminar speaker, University of Wisconsin, Madison. 10 March 2009.
- Invited speaker of the British Ecological Society. London, England. 3-5 September 2008.
- Invited speaker, Departamento de Fauna Terrestre. Neuquén, Argentina. 26 July 2005.
- Invited speaker, Black-Tailed Prairie Dog Working Group. Billings, Montana. 8-9 February 2005.

AWARDS AND RECOGNITION

- | | |
|--|---------------------------------------|
| Pound Research Award (2019) | University of Wisconsin-Madison |
| Southwood Prize (2007) <i>best paper by a young author</i> | British Ecological Society |
| Outstanding Master's Thesis (2007) | University of Wyoming |
| Department of Biology Faculty Research Award (2002) | University of Wisconsin-Stevens Point |
| Chancellor's Excellence in Student Research Award (2001) | University of Wisconsin-Stevens Point |

FELLOWSHIPS AND SCHOLARSHIPS

Madison Teaching and Learning Excellence Fellow (2012)	University of Wisconsin-Madison
Fellowship in Mammalogy (2009-2010)	American Society of Mammalogists
Dr. George E. Menkens Memorial Scholarship (2009)	University of Wyoming
NASA Graduate Scholarship (2005)	University of Wyoming
Plummer Scholarship (2003)	University of Wyoming
Martha E. Sorenson Conservation Scholarship (2002)	College of Natural Resources, University of Wisconsin-Stevens Point

MAJOR EXTRAMURAL GRANTS (not shown: intramural grants, and extramural grants <\$10,000)

Bureau of Indian Affairs (PI)	\$238,415	Black bear population dynamics	2022-25
Office of Naval Research (Co-PI, M. Egerstedt)	\$903,059	Mutualisms	2022-25
USFWS, GLIFWRA (PI)	\$206,068	Marten regional connectivity	2022-25
CESU, National Park Service (PI)	\$57,927	Isle Royale snowshoe hares	2021-22
WDNR (PI)	\$272,268	Bear foraging ecology	2022-25
CESU, National Park Service (PI)	\$57,942	Isle Royale snowshoe hares	2022-25
National Park Foundation (PI)	\$146,880	Isle Royale snowshoe hares	2021-24
USDA Hatch Grant (PI)	\$148,698	Marten energetics	2021-24
CESU, National Park Service (PI)	\$57,927	Isle Royale snowshoe hares	2021-22
WDNR (PI)	\$132,250	Small mammal seasonal dynamics	2021-25
WDNR (PI)	\$75,000	Marten regional genetics	2021-25
GLIFWC (PI)	\$20,000	Marten regional genetics	2021-25
CDFW (subaward)	\$63,000	Humboldt marten surveys	2021-25
USDA Multidisciplinary Hatch Grant (PI)	\$150,018	Hares and adaptive capacity	2021-25
WI sharp-tailed grouse society (PI)	\$32,000	Grouse genetics	2020-21
Bureau of Indian Affairs (PI)	\$88,730	Black bear population dynamics	2020-21
CESU, National Park Service (PI)	\$59,398	Isle Royale carnivores	2020-21
PSW, USDA, Forest Service (PI)	\$24,506	Pacific marten demography	2019-20
Climate Adaptation Science Center (Co-PI, B. Zuckerberg, V. Radeloff)	\$259,467	Climate adapted community dynamics	2020-22
NASA (Co-PI, B. Zuckerberg, V. Radeloff)	\$782,831	Conservation of winter environments	2018-21
NSF, Advances Biological Informatics (Co-PI, S. Newsome, G. Bowen, C. Jordan)	\$1.4 M	Isobank	2018-22
PSW, USDA, Forest Service (Co-PI, M.Z. Peery)	\$480,000	Fisher ecology in the Sierras	2018-22
CESU (Co-PI, T. Van Deelen)	\$59,533	American martens on Apostle Islands	2018-21
GLIFWC (PI)	\$95,343	Small mammal prey managed landscapes	2017-20
WDNR (PI)	\$74,000	Wisconsin marten recovery	2017-21
WDNR (PI)	\$103,559	Wood turtle conservation	2017-20
PNW, USDA, Forest Service (PI)	\$41,903	Marten energetics	2017-20
USDA, Forest Service (PI)	\$11,600	Marten-fisher dietary overlap in California	2017-18
USDA Hatch Grant (PI)	\$127,264	Assessing marten recovery in Wisconsin	2017-21
Isle Royale National Park (PI)	\$14,776	Carnivore foraging ecology	2016-17
NSF Emerging Frontiers (PI)	\$15,132	A workshop to design "IsoBank"	2015-16
Disney Conservation Fund (PI)	\$25,000	Sloth demography in an agroecosystem	2014-15
NSF Macrosystems Biology (PI)	\$779,000	Warming winters and the subnivium	2014-18
WDNR (PI)	\$50,000	Assessing marten recovery to Wisconsin	2014-15
USDA Multidisciplinary Hatch Grant (PI)	\$170,094	Resurrecting community cyclic dynamics	2014-17
USDA Hatch Grant (PI)	\$59,687	Assessing marten recovery in Wisconsin	2014-16
Association of Zoos and Aquarium (PI)	\$19,700	Puma provisioning to Andean condors	2013-14
NSF DEB (Co-PI, M.Z. Peery, P. Palsbøll)	\$500,000	NGS-based estimates of dispersal in sloths	2012-15
Colorado Parks and Wildlife (PI)	\$50,125	Cougar foraging ecology and risk	2012-13
WDNR (Co-PI, B. Zuckerberg)	\$69,225	Range contraction of snowshoe hares	2012-14
USDA Hatch Grant (PI)	\$84,098	Estimating marten recruitment in Wisconsin	2012-14
WDNR (PI)	\$35,000	Estimating marten recruitment in Wisconsin	2012-14

JONATHAN N. PAULI**summer 2022**

Wyoming Heritage Foundation (PI)	\$10,000	Black-footed ferret foraging ecology	2011-12
National Birds of Prey Trust (PI)	\$10,313	Determining the diet of Andean condors	2011-12
WDNR (PI)	\$91,154	Bear food subsidies in Wisconsin	2011-15
Colorado Division of Wildlife (PI)	\$95,130	Genetic aging and structure of bears	2011-15
Milwaukee Museum (Co-PI, M.Z. Peery)	\$43,000	Sloth conservation in shade-grown cacao	2009-10
Colorado Division of Wildlife (PI)	\$11,323	Telomere analysis of black bears	2009-10
NSF DDIG (PI)	\$11,750	Quantifying marten dispersal power	2008-09

POST-DOCTORAL FELLOWS MENTORED

Megan Fitzpatrick	Post-doc	U. of Wisconsin	2017-2019	Warming winters
Julian Padro	Post-doc	U. of Wisconsin	2016-2020	Condor genetics
Emily Fountain	Post-doc	U. of Wisconsin	2013-2016	NGS and sloths

GRADUATE STUDENTS MENTORED (* = PhD students who also completed a MSc under my supervision)

Megan Dudenhoefter	PhD in progress	U. of Wisconsin	2021-present	Hare ecology
Carly Scott	PhD in progress	U. of Wisconsin	2021-present	Marten energetics
Pairsa Belamaric	PhD in progress	U. of Wisconsin	2021-present	Grouse demographics
Bijit Khadka	PhD in progress	U. of Wisconsin	2021-present	Small mammal biogeography
Emma Blackdeer	MSc in progress	U. of Wisconsin	2021-present	Marten digestive physiology
Lydia Druin	MSc in progress	U. of Wisconsin	2021-present	Marten genetic structure
Samuel Jolly	MSc in progress	U. of Wisconsin	2021-present	Small mammal ecology
Shotaro Shiratsuru	PhD in progress	U. of Wisconsin	2020-present	Hare ecology
Penelope Murphy	MSc in progress	U. of Wisconsin	2020-present	Grouse ecology
Monica Cooper	MSc in progress	U. of Wisconsin	2020-present	Bear population dynamics
Spencer Kaiser	PhD in progress	U. of Wisconsin	2020-present	Winter biodiversity
Burcu Lacin	MSc in progress	U. of Wisconsin	2020-present	Isle Royale carnivores
Taylor Peltier	MSc completed	U. of Wisconsin	2019-2022	Hare dynamics
Malena Candino	MSc in progress	U. of Wisconsin	2019-present	Guanaco migration
Allison Moser Scott	MSc completed	U. of Wisconsin	2018-2020	Small mammal ecology
Corbin Kuntze	PhD in progress	U. of Wisconsin	2018-present	Fisher ecology
Gonzalo Barcelo	PhD in progress	U. of Wisconsin	2017-present	Puma energetics
Julia Poje	MSc completed	U. of Wisconsin	2018-2019	Forest & Wildlife Ecology
Tiffany Bougie	MSc completed	U. of Wisconsin	2017-2020	Wood turtles
Matthew Smith	PhD in progress	U. of Wisconsin	2017-present	Marten recovery
Brad Smith	MSc completed	U. of Wisconsin	2017-2021	Pacific marten and fisher
Marie Martin	MSc completed	U. of Wisconsin	2017-2019	Martens <u>ASM's Alexander Award</u>
Mauriel Rodriguez*	PhD in progress	U. of Wisconsin	2017-present	Puma fox competition
Kimberly Thompson	PhD completed	U. of Wisconsin	2015-2021	Warming winters
Kristina Black	MSc completed	U. of Wisconsin	2015-2018	Novel ecosystems
Jennifer Grauer	MSc completed	U. of Wisconsin	2014-2017	Marten recovery
Evan Wilson	PhD completed	U. of Wisconsin	2014-2020	Community-wide cycling
Mario Garces	PhD completed	U. of Wisconsin	2014-2018	Sloth ecology
Wynne Moss	MSc completed	U. of Wisconsin	2012-2015	CO Puma <u>FWE outstanding MSc</u>
Paula Perrig*	PhD completed	U. of Wisconsin	2012-2019	Condor ecology
Philip Manlick*	PhD completed	U. of Wisconsin	2012-2019	Marten recovery <u>Leopold Scholar</u>
Sean Sultaire	MSc completed	U. of Wisconsin	2012-2014	Snowshoe hare
Rebecca Kirby	PhD completed	U. of Wisconsin	2011-2016	Black bear ecology
Jorge Mendoza	MSc completed	U. of Wisconsin	2011-2014	Resource use of sloths
John Pokallus	MSc completed	U. of Wisconsin	2011-2014	Porcupine ecology

UNDERGRADUATE STUDENTS MENTORED (* = presented at conference † = first authored paper)

Grace Nugent	Senior Thesis	U. of Wisconsin	2021-present	hare molt chronology
Michaela Rudolf†	Senior Thesis	U. of Wisconsin	2020-2021	porcupine energetics
Clarie Knife*†	Senior Thesis	U. of Wisconsin	2020-2021	grouse genetics

Kate Silverthorne*†	Senior Thesis	U. of Wisconsin	2018-2019	Condor foraging
Eli Midthun	Ind. Research	U. of Wisconsin	2017-2018	Squirrel hybridization
Laura Niccolai	Ind. Research	IUT Saint-Etienne	summer 2017	Squirrel trophic position
Alaena Savage†	Senior Thesis	U. of Wisconsin	2016-2018	Fox phylogeny
Shelby Petersen*†	Ind. Research	U. of Wisconsin	2016-2017	Pacific marten foraging
Garrett McLaughlin	Ind. Research	U. of Wisconsin	2016	Chickadee genotyping
Rashea Minor	Ind. Research	U. of Wisconsin	2015-2016	Porcupine mutualism
Rachel Larson*†	Senior Thesis	U. of Wisconsin	2015-2017	Bear genetics
Carissa Freeh*	Senior Thesis	U. of Wisconsin	2013-2015	Fisher diet
Sonia Petty*†	Senior Thesis	U. of Wisconsin	2013-2014	The subnivium <u>Bryson Award</u>
Jenna Carlson*†	Honor's Thesis	U. of Wisconsin	2011-2014	Marten diet <u>Holstrom Award</u>
Katrina Brickner†	Honor's Thesis	U. of Wisconsin	2011-2012	Ferret diet
Cristina Vaughan	Ind. Research	U. of Wisconsin	2011-2012	Sloth demography
Brennan Price	Ind. Research	U. of Wisconsin	2011	Stone marten
Jodi-Ann Browning*	NSF-REU	U. of Wisconsin	summer 2011	aDNA
Wynne Moss††	Ind. Research	U. of Wisconsin	2010-2011	Sloth genetics
John Pokallus †	Ind. Research	U. of Wyoming	2010	Landscape of ecology
Brady Neiles	Ind. Research	U. of Wyoming	summer 2009	Marten physiology
Grant Campbell†	Ind. Research	U. of Wyoming	summer 2009	Marten genetics
Carisa Stansbury*	Ind. Research	U. of Wyoming	2009	Marten genetics
Joshua Thomas*†	Ind. Research	U. of Wyoming	2007-2008	Marten ecology
Jessica Luhn	NSF SRAP	U. of Wyoming	summer 2007	Fear ecology

GRADUATE STUDENT COMMITTEES

Josh Barry	PhD in progress	U. of Wisconsin	2021-present	Forest & Wildlife Ecology
Zoe Barandongo	PhD in progress	U. of Wisconsin	2020-present	Forest & Wildlife Ecology
Nick Kryshak	MSc in progress	U. of Wisconsin	2019-present	Forest & Wildlife Ecology
Danny Hofstadter	MSc in progress	U. of Wisconsin	2019-present	Forest & Wildlife Ecology
Yushi Oguchi	PhD in progress	U. of Wisconsin	2019-present	Forest & Wildlife Ecology
Ceanna Zulla	MSc in progress	U. of Wisconsin	2019-present	Forest & Wildlife Ecology
Michael Peers	PhD completed	U. of Alberta	2019	Biological Sciences
Kate McGinn	PhD in progress	U. of Wisconsin	2019-present	Forest & Wildlife Ecology
Jillian Schatt	PhD in progress	U. of Wisconsin	2018-present	Entomology
Tyler Hoecker	PhD in progress	U. of Wisconsin	2018-present	Integrative Biology
Ryan Larson	PhD completed	U. of Wisconsin	2017-2020	Entomology
Julia Poje	MSc completed	U. of Wisconsin	2017-2018	Forest & Wildlife Ecology
Michael Bosch	PhD in progress	U. of Wisconsin	2017-present	Zoology
Josh Pultorak	PhD completed	U. of Wisconsin	2016	Zoology / Psychology
Brendan Hobart	MSc completed	U. of Wisconsin	2016-2018	Forest & Wildlife Ecology
Amy Wray	PhD completed	U. of Wisconsin	2016-2021	Forest & Wildlife Ecology
John Clare	PhD completed	U. of Wisconsin	2016-2021	Forest & Wildlife Ecology
Amy Shipley	PhD in progress	U. of Wisconsin	2016-present	Forest & Wildlife Ecology
Nathan Byers	PhD completed	U. of Wisconsin	2016-2019	Forest & Wildlife Ecology
Chelsey Blanke	MSc completed	U. of Wisconsin	2015-2016	Center for Limnology
Jennifer Chandler	MSc completed	U. of Wisconsin	2015-2017	Zoology
Peter Guiden	PhD completed	U. of Wisconsin	2015-2019	Zoology
Diana Guzmán Colón	PhD completed	U. of Wisconsin	2015-2021	Forest & Wildlife Ecology
Paul Matheuson	PhD completed	U. of Wisconsin	2014-2018	Zoology
Catherine Frock	MSc completed	U. of Wisconsin	2013-2015	Zoology
Brittany Peterson	MSc completed	U. of Wisconsin	2013-2016	Forest & Wildlife Ecology
John Stuhler	MSc completed	U. of Wisconsin	2012-2015	Zoology
Chris Latimer	PhD completed	U. of Wisconsin	2012-2017	Forest & Wildlife Ecology
Jimmy Doyle	MSc completed	U. of Wisconsin	2012-2014	Forest & Wildlife Ecology
Peggy Boone	MSc completed	U. of Wisconsin	2012-2015	Anthropology

Elena Doucet-B��er	PhD completed	U. of Wisconsin	2011-2017	Zoology
Camille Warbington	MSc completed	U. of Wisconsin	2011-2013	Forest & Wildlife Ecology

TEACHING EXPERIENCE

General Biology (spring 2012, 2013, 2015, 2016, 2017, 2018, 2019, 2020, 2021 University of Wisconsin-Madison)
 Wildlife Techniques (fall 2011, 2012, 2013, 2014, 2015, 2016, 2020, 2021 University of Wisconsin-Madison)
 Winter Living (spring 2021)
 BioHouse Seminar (fall 2014, 2020, 2021)
 Isotope Ecology (spring 2012)
 Wildlife Capstone in Research (spring 2014, fall 2017, fall 2019 University of Wisconsin-Madison)
 Population Ecology Lecturer (spring 2008, University of Wyoming)

GUEST LECTURER

Graduate Seminar: Introduction to Ecology at UW-Madison (spring 2020)
 BioHouse seminar (fall 2019)
 Animal Physiology (fall 2014)
 Forum on the Environment, University of Wisconsin-Madison (spring 2011, 2012, 2013, 2014, 2019)
 Wisconsin Ecology Cornerstone (fall 2012, fall 2019)
 Conservation Genetics, University of Wisconsin-Madison (spring 2010)
 Conservation Biology, University of Wisconsin-Stevens Point (fall 2008)
 Environmental Ethics, Casper College (spring 2008)
 Mammalogy, University of Wyoming (fall 2004, 2005, 2006)

UNIVERSITY SERVICE

Director, BioHouse Residential Learning Community (University of Wisconsin-Madison, 2021-present)
 Executive Committee Member, WISCIENCE (University of Wisconsin-Madison, 2021-present)
 Co-Director, BioHouse Residential Learning Community (University of Wisconsin-Madison, 2020)
 Founding Chair, Department of Forest and Wildlife Ecology Seminar Series (University of Wisconsin-Madison, 2011-2020)
 Space-Use Committee (Department of Forest and Wildlife Ecology, 2016-present)
 Member, UW-Madison Arboretum Research Committee (2017-present)
 Research Advisory Committee, College of Agriculture and Life Sciences, University of Wisconsin-Madison, 2019-present)
 Chair, Wisconsin Ecology (University of Wisconsin-Madison, 2016-2019)
 Russell Administration Improvement Committee (University of Wisconsin-Madison, 2016)
 Interim Director, BioHouse Residential Learning Community (University of Wisconsin-Madison, 2014-2015)
 Prospective Students and Scholarships and Loans Committee (CALs, University of Wisconsin-Madison, 2012-2015)
 Member of Wisconsin Ecology Executive Committee (University of Wisconsin-Madison, 2012-2016)

PROFESSIONAL SERVICE

Lead, Great Lakes Indian Fish and Wildlife Commission – UW-Madison natural resource management cooperative agreement (2020-present)
 Associate Editor, Ecological Applications, Ecological Society of America (2016-present)
 Associate Editor, Journal of Mammalogy, American Society of Mammalogists (2018-present)
 Scientific Advisory Board, 7th international *Martes* Symposium (2018)
 Invited reviewer for the listing of West Coast Distinct Population Segment of Fisher (fisher DPS) as a threatened species under the Endangered Species Act. FWS-R8-ES-2014-0041. December 2014.
 Symposium Organizer, Warming winters and wildlife (The Wildlife Society Annual Conference, 2013)
 Member of Wisconsin Initiative on Climate Change Impacts (WICCI), Wildlife Working Group (2012-present)

Member of the Wisconsin American marten advisory committee (2011-present)
Planning committee, American Society of Mammalogists 90th Annual Meeting (2010)

REVIEWER FOR THE JOURNALS

Animal Behaviour, Biological Journal of the Linnean Society, Ecological Applications, Ecology, Ecology and Evolution, Food Webs, Functional Ecology, General and Comparative Endocrinology, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Mammalogy, Journal of Wildlife Management, Journal of Wildlife Diseases, Journal of Zoology, Landscape Ecology, Mammalian Biology, Molecular Ecology Resources, Molecular Ecology, Oecologia, Oryx, Physiology & Behavior, PLOS One, Proceedings of the National Academy of Sciences, Revista de Biología Tropical, Vector-Borne and Zoonotic Diseases, Western North American Naturalist, Wildlife Biology

PROFESSIONAL AFFILIATIONS

The Wildlife Society (2000-2014), American Society of Mammalogists (2002-present), British Ecological Society (2008-2009, honorary membership), Society for Conservation Biology (2010-present)