

CLAYTON K. NIELSEN

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TERMINAL DEGREE

2001 Ph.D. in Zoology with emphasis in Wildlife Ecology, Southern Illinois University Carbondale (SIUC). Dissertation title: Habitat use and population dynamics of bobcats in southern Illinois.

HONORS AND CERTIFICATIONS

- Certified Wildlife Biologist®, The Wildlife Society
- Alumni Master, College of Agricultural Sciences & Natural Resources, University of Nebraska
- Outstanding Scholar Award, College of Agricultural Sciences, SIUC

PEER-REVIEWED PUBLICATIONS (n = 195 total; listed are recent examples)

- Larreur, M. R., C. K. Nielsen, D. B. Lesmeister, and G. Bastille-Rousseau. 2025. The precipitous decline of a gray fox population. *Global Ecology and Conservation* 58 (2005) e03441.
- Remmers, J. J., C. K. Nielsen, and D. B. Lesmeister. 2025. Spatial and temporal partitioning between eastern gray and fox squirrels in a Central Hardwood forest. *Journal of Mammalogy* 106:323-338.
- Greenspan, E., S. Bhandari, B. Adhikari, K. Baral, C. K. Nielsen, and S. Anile. 2025. Mainland leopard cat (*Prionailurus bengalensis bengalensis*) population density in an unprotected mixed landscape of the Himalayan foothills in Nepal. *Mammalia* 89:158-162.
- Shamon, H.,.... C. K. Nielsen,...>100 other co-authors, and W. J. McShea. 2024. SNAPSHOT USA 2021: a coordinated national camera trap survey of the United States. *Ecology* 105:e4318.
- Zieman, E. A., V. C. Phillips, F. A. Jiménez and C. K. Nielsen. 2023. Clinical and subclinical *Cytauxzoon felis* infections in domestic cats from a recently identified endemic region. *Journal of Parasitology* 109:525-529.
- Azizan, A., S. Anile, E. Paradis, C. Nielsen, and D. Sebastien. 2023. Population density and genetic diversity are positively correlated in wild felids globally. *Global Ecology and Biogeography* 32:1858-1869.
- Greenspan, E., C. Montgomery, D. Stokes, S. S. K'lu, S. S. B. Moo, S. Anile, A. J. Giordano, and C. K. Nielsen. 2023. Occupancy, density, and activity patterns of a Critically Endangered leopard population on the Kawthoolei-Thailand border. *Population Ecology* 65:167-182.
- Hooven, N. D., M. T. Springer, C. K Nielsen, and E. M. Schaubert. 2023. Influence of natal habitat preference on habitat selection during extra-home range movements in a large ungulate. *Ecology and Evolution* 13:e9794.
- Winkel, B. M., C. K. Nielsen, E. M. Hillard, R. W. Sutherland, and M. A. LaRue. 2022. Potential cougar habitats and dispersal corridors in Eastern North America. *Landscape Ecology* 38:59-75.

EXTERNAL GRANTS AND CONTRACTS (\$14,536,310; listed are recent/notable examples)

- Nielsen, C. K., G. Bastille-Rousseau, and B. Pease. 2022-25. Bobcat ecology in north-central Illinois. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-231-R. \$862,108.
- Nielsen, C. K., E. M. Schaubert, F. A. Jiménez, E. Heist, and G. Bastille-Rousseau. 2014-24. Cooperative furbearing and nongame mammal investigations—river otter, bobcat, striped skunk, armadillo, gray fox,

- raccoon, and eastern woodrat studies. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. \$3,109,049.
- Nielsen, C. K., and E. M. Schaubert. 2017-19. Analyzing occupancy and co-occupancy of domestic and wild carnivores. U.S. Forest Service. \$145,096.
- Nielsen, C. K. 2016-21. Influence of white-tailed deer on oak and hickory regeneration in a central hardwood forest. McIntire-Stennis Cooperative Forestry Research Program, Project ILLZ-16-R-002. \$143,209.
- Nielsen, C. K., and E. M. Schaubert. 2015-16. Cooperative upland wildlife research and surveys–northern bobwhite study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-106-R. \$180,000.
- Schauber, E. M., and C. K. Nielsen. 2015-18. Cooperative wildlife research–Illinois deer investigations. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-87-R. \$932,252.
- Nielsen, C. K., and S. G. Baer. 2013-15. REU site: convergence ecology - research experience for undergraduates in ecological diversity across systems and disciplines. National Science Foundation, Program NSF12-569. \$344,742.
- Maurer, D., G. Glowacki, B. Semel, M. Johnson, H. Spaul, J. Miner, D. Rogers, C. Nielsen, and K. Jury. 2013-14. Coastal wetlands restoration project for species of concern, located in the Chiwaukee Illinois Beach Lake Plain. National Fish and Wildlife Foundation. \$874,081.

COURSES TAUGHT: Forest Management for Wildlife, Wildlife Habitat and Populations, Natural Resources Inventory, Tropical Rainforest Conservation, Principles of Research, Conservation of Natural Resources, Wildlife-Habitat Relationships

GRADUATE STUDENTS CURRENTLY ADVISED OR CO-ADVISED (all at SIUC): 8

GRADUATE STUDENTS AND POST-DOCTORAL FELLOWS COMPLETED (all at SIUC): 63

OTHER CREDENTIALS

- Former Director of Graduate Studies, Department of Forestry, SIUC
- Former Research Associate, Smithsonian Conservation Biology Institute
- Former Director of Scientific Research and Board of Directors, Cougar Network
- Former Member, International Union for the Conservation of Nature and Natural Resources (IUCN) Species Survival Commission Cat Specialist Group, Deer Specialist Group, and Lagomorph Specialist Group
- 708 presentations at professional meetings and invited/guest lectures
- 55 other (than my own) graduate committees served at SIUC and elsewhere
- Employed 225 technicians and scientists on my research projects (other than graduate students)
- Past President, Illinois State Chapter and North Central Section, The Wildlife Society
- Co-organizer, 19th Central Hardwood Forest Conference, Carbondale, IL, 2014
- Symposium organizer, wild felid ecology and management symposium, 2009 Midwest Fish and Wildlife Conference
- Symposium organizer, deer ecology and management symposium, The Wildlife Society 2008 Conference
- Symposium organizer, bobcat ecology and management symposium, The Wildlife Society 2000 Conference
- Organizer, 2007 Illinois State Chapter of The Wildlife Society meeting, Moline, IL