

CLAYTON K. NIELSEN

Professor of Wildlife Ecology and Conservation
Department of Forestry and Cooperative Wildlife Research Laboratory
Southern Illinois University, Carbondale, IL 62901-6504
E-mail: kezo92@siu.edu

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.

CURRENT POSITIONS HELD

- Professor of Wildlife Ecology and Conservation, Cooperative Wildlife Research Laboratory and Department of Forestry, SIUC (primary employment)
- Director of Graduate Studies, Department of Forestry, SIUC
- Research Associate, Smithsonian Conservation Biology Institute
- Research Associate, Northern Rockies Conservation Cooperative
- Director of Scientific Research and Board of Directors, Cougar Network
- Certified Wildlife Biologist®, The Wildlife Society
- 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

PEER-REVIEWED PUBLICATIONS (n = 153 total; listed are recent examples)

- Greenspan, E., A. Giordano, C. Nielsen, K. Jai-Chyi Pei, and N. Ching-Min Sun. 2020. Taiwanese attitudes toward the clouded leopard (*Neofelis nebulosa*) and its potential reintroduction. *Human Dimensions of Wildlife* 25:301-323.
- Rutter, A. U., A. T. Hanrahan, C. K. Nielsen, and E. M. Schaubert. 2020. Functionality of a new live-capture device for river otters. *Journal of Fish and Wildlife Management* 11:238-244.
- Zieman, E. A., T. Lawson, C. K. Nielsen, and F. A. Jiménez. 2020. Within-season changes in *Cytauxzoon felis* parasitemia in bobcats. *Journal of Parasitology* 106:308-311.
- Cassel, K. W., D. J. Morin, C. K. Nielsen, T. S. Preuss, and G. A. Glowacki. 2020. Low-intensity monitoring of small mammal habitat associations and species interactions in an urban forest preserve network. *Wildlife Research* 47:114-127.
- Morin, D., C. Yackulik, J. Diffendorfer, D. Lesmeister, C. K. Nielsen, J. Reid, and E. M. Schaubert. 2020. Is your multi-stage model selection strategy affecting your inferences? *Ecosphere* 11(1), doi: 10.1002/ecs2.2997.
- Holland, A. M., E. M. Schaubert, C. K. Nielsen, and E. C. Hellgren. 2019. River otter and mink occupancy dynamics in riparian systems. *Journal of Wildlife Management* 83:1552-1564.
- Hanrahan, A. T., A. U. Rutter, C. K. Nielsen, and E. M. Schaubert. 2019. Spatial ecology of river otters in a human-modified landscape. *Journal of Mammalogy* 100:1327-1339.
- Swan, J. L., A. Carver, N. Correa, and C. K. Nielsen. 2019. Wildlife rescue and relocation efforts associated with the Panamá Canal Third Locks Expansion Project. *Tropical Zoology* 32(2):58-74.
- Shew, J., C. Nielsen, and D. Sparling. 2019. Finer-scale habitat predicts nest survival in grassland birds more than management and landscape: a multi-scale perspective. *Journal of Applied Ecology* 56:929-945.
- Marler, H., D. Adams, Y. Wu, C. Nielsen, S. Li, E. Reiner, and D. Chen. 2018. Maternal transfer of flame retardants in sharks from the western North Atlantic Ocean. *Environmental Science & Technology* 52:12978-12986.
- Holland, A. M., E. M. Schaubert, C. K. Nielsen, and E. C. Hellgren. 2018. Stream community richness predicts apex predator occupancy dynamics in riparian systems. *Oikos* 127:1422-1436.

EXTERNAL GRANTS AND CONTRACTS (\$12,054,620 from 69 separate contracts; listed are recent examples)

- Nielsen, C. K., E. M. Schaubert, F. A. Jiménez, and E. Heist. 2014-21. Cooperative furbearing and nongame mammal investigations—river otter, bobcat, striped skunk, armadillo, and eastern woodrat studies. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. \$2,040,009.
- 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 AND POST-DOCTORAL FELLOWS CURRENTLY ADVISED OR CO-ADVISED (all at SIUC): 11

GRADUATE STUDENTS AND POST-DOCTORAL FELLOWS COMPLETED (all at SIUC): 49

OTHER CREDENTIALS

- 2014 Outstanding Scholar Award, College of Agricultural Sciences, SIUC
- >600 presentations at professional meetings and invited/guest lectures
- >40 other graduate committees served at SIUC and elsewhere
- 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