

**CURRICULUM VITAE OF CLAYTON K. NIELSEN**  
**6 August 2018**

**I. PROFESSIONAL AFFILIATION AND CONTACT INFORMATION**

**A. Present Position**

Professor of Wildlife Ecology and Conservation, Cooperative Wildlife Research Laboratory, Department of Forestry, Southern Illinois University Carbondale (SIUC). My position is split between these 2 research/academic units: 75% Cooperative Wildlife Research Laboratory (primary research affiliation), 25% Forestry (tenure home and academic affiliation). I also serve in an administrative capacity at the Departmental level as the Director of Graduate Programs for the Department of Forestry.

**B. Office Address**

Cooperative Wildlife Research Laboratory  
Department of Forestry  
Southern Illinois University Carbondale  
Carbondale, IL 62901-6504  
Tel.: 618-453-6930  
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**Home Address**

124 Madison Rd.  
Carbondale, IL 62903  
Tel.: 618-889-0075

**II. EDUCATION**

**Ph.D., Zoology with emphasis in Wildlife Ecology. May 2001.** Southern Illinois University Carbondale, Carbondale, IL. Dissertation Title: Habitat Use and Population Dynamics of Bobcats in Southern Illinois. Advisor: Alan Woolf

**M.S., Environmental and Forest Biology. Dec. 1996.** State University of New York, College of Environmental Science and Forestry, Syracuse, NY. Thesis title: Feasibility of Population Management of White-tailed Deer in Irondequoit, New York. Advisor: William F. Porter

**B.S., Natural Resources with emphasis in Fisheries and Wildlife. May 1994.** University of Nebraska-Lincoln, Lincoln, NE

**III. PROFESSIONAL EXPERIENCE**

**SIUC-related experience since obtaining Ph.D. at SIUC in 2001**

My primary research/teaching/service positions at SIUC have been associated with the Scientist (2003-08) and Professor (2009-present) lines

**Director of Graduate Programs, College of Agricultural Sciences.** 2015-16. I administered the doctoral program in the College of Agricultural Sciences at SIUC.

**Director of Graduate Studies and Assistant Chair.** 2014-present. I serve in an administrative capacity as the Director of Graduate Studies and Assistant Chair in the Department of Forestry at SIUC

**Professor of Wildlife Ecology and Conservation.** 2014-present. Cooperative Wildlife Research Laboratory (former Director, Dr. Eric Hellgren) and Department of Forestry (Chair, Dr. James Zaczek), Southern Illinois University Carbondale. This position is a 75/25 research/teaching appointment; 75% with the Cooperative Wildlife Research Laboratory and 25% with the Department of Forestry

**Associate Professor of Forest Wildlife.** 2012-14. Cooperative Wildlife Research Laboratory and Department of Forestry, Southern Illinois University Carbondale

**Faculty Member.** 2010-present. Center for Ecology, Southern Illinois University Carbondale

**Assistant Professor of Forest Wildlife.** 2009-2012. Cooperative Wildlife Research Laboratory and Department of Forestry, Southern Illinois University Carbondale

**Associate Scientist/Wildlife Ecologist.** 2008-2009. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale

**Adjunct Assistant/Associate Professor and Graduate Faculty.** 2004-present. Department of Zoology, Southern Illinois University Carbondale

**Adjunct Assistant Professor.** 2004-2009. Department of Forestry, Southern Illinois University Carbondale

**Assistant Scientist/Wildlife Ecologist.** 2003-2008. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale

**Adjunct Assistant Scientist.** 2002. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale

**Post-doctoral Fellow.** 2001, 2003. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale

#### **Non-SIUC-related experience or that prior to 2001**

**International Wisdom Team.** 2018-2023. School of the Environment, Jinan University, Guangzhou, China.

**Graduate Faculty Scholar.** 2018-2022. Department of Biological Sciences, Northern Illinois University, DeKalb, IL.

**Research Associate.** 2015-2018. Conservation Ecology Center, Smithsonian Conservation Biology Institute, Front Royal, VA.

**Research Associate.** 2011-present. Northern Rockies Conservation Cooperative, Jackson Hole, WY

**Board of Directors.** 2010-present. Institute for Neotropical Conservation, Carbondale, IL

**Adjunct Faculty.** 2005-present. Department of Biology, Central Michigan University, Mt. Pleasant, MI

**Director of Scientific Research and Board of Directors.** 2003-present. Cougar Network, Concord, MA

**Wildlife Ecologist.** 2001-2003. Holterra Wildlife Management, Nashville, TN

**Graduate Research Assistant.** 1996-2000. Cooperative Wildlife Research Laboratory and Department of Zoology, Southern Illinois University Carbondale

**Graduate Research Assistant.** 1994-1996. Department of Environmental and Forest Biology, State University of New York, College of Environmental Science and Forestry

**Parks and Fisheries Employee.** 1992-1994. Nebraska Game and Parks Commission, Gretna, NE.

#### **IV. HONORS AND AWARDS**

2014	Outstanding Scholar Award, College of Agricultural Sciences, SIUC
2013-20	International Union for the Conservation of Nature and Natural Resources Species Survival Commission Deer Specialist Group
2013-16	International Union for the Conservation of Nature and Natural Resources Species Survival Commission Lagomorph Specialist Group
2008-20	International Union for the Conservation of Nature and Natural Resources Species Survival Commission Cat Specialist Group
2004	Certified Wildlife Biologist®, The Wildlife Society
2001	Graduate student award, Illinois Federation for Outdoor Resources

## V. GRANTS AND CONTRACTS

### A. Research Interests and Specialties

Ecology, management, and conservation of primarily mammalian wildlife species; wildlife-habitat relationships; population dynamics of wildlife; conflicts between humans and wildlife; management of urban and overabundant wildlife; habitat management; landscape ecology; geospatial modeling; human dimensions of wildlife; wildlife behavior; wildlife genetics

### B. Grants Received – External to SIUC

Total funding received from grant proposals written at SIUC, July 2003-Present: \$10,888,762 from 68 separate contracts; listed are *external grants* only

Nielsen, C. K. 2018-20. Occupancy of semi-aquatic mammals on LCFPD lands: implications for restoration. Lake County Forest Preserve District. \$60,300.

Greenspan, E., C. Nielsen, and A. Giordano. 2017-18. Planning the reintroduction of the clouded leopard (*Neofelis nebulosa*) to Taiwan: an assessment of attitudes and potential support. Benevity. \$21,000.

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.

LaRue, M. A., and C. K. Nielsen. 2016-17. Attitudes of livestock owners toward recolonization of cougars in the Midwest. Summerlee Foundation. \$10,000.

Nielsen, C. K. 2015-16. Habitat selection of reintroduced bison in northern Illinois. The Nature Conservancy. \$23,940.

Leeson, R., C. Nielsen, G. Apgar, M. Albers, J. Schoonover, and W. Banz. 2015-16. Investigating deer planted plots and non-bait attractants. Scot Pet Foods, Incorporated. \$12,760.

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., E. M. Schaubert, and F. A. Jiménez. 2014-18. Cooperative furbearing and nongame mammal investigations–river otter, striped skunk, and armadillo study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. \$1,017,360.

Nielsen, C. K. 2014-15. Survey for birds and mammals on Sparta Training Area. Illinois Department of Military Affairs. \$29,992.

- Whiles, M., S. Baer, C. Nielsen, and J. Groninger. 2014-15. Southern Illinois University Carbondale intensive basin survey. Illinois Environmental Protection Agency. \$36,680.
- Nielsen, C., J. Groninger, M. Whiles, and S. Baer. 2014. Natural areas management internship program. Illinois Department of Natural Resources and Illinois Nature Preserves Commission. \$12,675.
- Nielsen, C. K., A. D. Carver, and J. Fort. 2014. Jaguars in Panama: population estimates, conflicts with humans, and community education. Panthera. \$9,500.
- 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.
- Nielsen, C. K., A. D. Carver, N. J. Correa, and R. Moreno. 2013-14. Jaguars in Panama: estimates of density, habitat connectivity, and conflicts with humans. Jaguar Species Survival Plan (SSP) via The Living Desert. \$15,000.
- 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.
- Nielsen, C. K., and R. E. Urbanek. 2013-14. Mesopredator control and assessment of Blanding's turtle nest Success. Lake County Forest Preserve District. \$22,770.
- Hellgren, E. C., and C. K. Nielsen. 2013. A one-year project to update historic endangered and threatened vertebrate Element Occurrence Record information for Illinois Department of Natural Resources Administrative Region 5. Illinois Department of Natural Resources. \$20,944.
- Hellgren, E. C., and C. K. Nielsen. 2013. Survey for herpetofauna on Sparta Training Area. Illinois Department of Military Affairs. \$19,802.
- Nielsen, C., J. Groninger, M. Whiles, and S. Baer. 2013. Natural areas management internship program. Illinois Department of Natural Resources and Illinois Nature Preserves Commission. \$12,455.
- Nielsen, C. K. 2013. Ecological assessment of district lands and Blanding's turtle surveys, Lake County Forest Preserve District. Lake County Forest Preserve District. \$24,993.
- Nielsen, C. K. 2012-16. Ecology of sympatric lagomorphs in bottomland hardwood forest ecosystems: implications for wildlife and habitat management. McIntire-Stennis Cooperative Forestry Research Program, Project ILLZ-12-R-003. \$76,800.
- Nielsen, C. K. 2012-14. Wild turkey response to habitat management in southern Illinois. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-169-R. \$60,000.
- Nielsen, C. K. 2012-13. Ecological assessment of district lands and Blanding's turtle surveys, Lake County Forest Preserve District. Lake County Forest Preserve District. \$24,996.
- Nielsen, C., J. Groninger, M. Whiles, S. Baer, and M. Mendola. 2012. Natural areas management internship program. Illinois Department of Natural Resources and Illinois Nature Preserves Commission. \$12,353.

Williard, K., and C. K. Nielsen. 2011-13. Stream restoration – long-term performance and reassessment. U.S. Geological Survey. \$138,562.

Sparling, D. W., C. K. Nielsen, J. Shew, and D. Osborne. 2011-13. Pheasant habitat restoration and response in warm season native grass and smooth brome fields in Illinois. Illinois Department of Natural Resources, Pheasant Fund. \$76,914.

Nielsen, C. K. 2011-12. Ecological assessment of district lands and Blanding's turtle surveys, Lake County Forest Preserve District. Lake County Forest Preserve District. \$24,988.

Nielsen, C. K., and R. E. Urbanek. 2011-12. Informing deer management in McHenry County, Illinois, using assessments of human attitudes and factors affecting deer density. McHenry County Conservation District. \$11,000.

Nielsen, C. K., D. W. Sparling, E. M. Schauber, and E. C. Hellgren. 2010-15. Cooperative upland wildlife research and surveys—grassland bird and lagomorph study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-106-R. \$915,000.

Schauber, E. M., and C. K. Nielsen. 2010-15. Cooperative wildlife research—Illinois deer investigations. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-87-R. \$810,000.

Nielsen, C. K., J. Schoonover, and J. Groninger. 2010-15. Habitat and wildlife research at Middle Mississippi River National Wildlife Refuge. U.S. Fish and Wildlife Service. \$21,738.

Nielsen, C. K., and E. C. Hellgren. 2010-12. Large carnivores in Illinois: planning for potential recolonization. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-163-R. \$75,000.

Carver, A. D., and C. K. Nielsen. 2010-11. Biodiversity conservation for Project Mina Cobre Panama: activities to protect species of concern. Minera Panama S.A. \$90,200.

Nielsen, C. K. 2010. Ecological assessment of district lands, Lake County Forest Preserve District. Lake County Forest Preserve District. \$21,772.

Nielsen, C. K. 2009-13. Analysis of archery deer hunter surveys. Illinois Department of Natural Resources. \$10,000.

Nielsen, C. K., and C. S. Borrego. 2009-12. Large carnivores, their prey, and livestock ranching in northeastern Sonora, Mexico: elucidating ecological relationships and promoting conservation. National Science Foundation Graduate Research Fellowship Program. \$101,500.

Nielsen, C. K., and J. M. Kolowski. 2009-10. Sonoran jaguar conservation project. The Shared Earth Foundation. \$10,000.

Nielsen, C. K. 2009. Ecological assessment of district lands, Lake County Forest Preserve District. Lake County Forest Preserve District. \$24,973.

Nielsen, C. K., and M. A. LaRue. 2008-09. Modeling potential cougar recolonization of Midwestern North America. Summerlee Foundation. \$13,000.

Nielsen, C. K. 2008-09. Modeling bobcat population growth and response to harvest in Illinois. Illinois Department of Natural Resources, Furbearer Fund. \$9,384.

Nelson, T. A., and C. K. Nielsen. 2008-09. The beaver in Illinois (technical report). Illinois Department of Natural Resources, Furbearer Fund. \$15,000.

Nielsen, C. K., E. C. Hellgren, E. M. Schaubert, J. R. Nawrot, and G. A. Feldhamer. 2007-14. Cooperative furbearing and nongame mammal investigations—carnivores, river otter, rice rat, golden mouse, and aquatic furbearer study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. \$1,254,474.

Nielsen, C. K. 2007-10. Promoting sustainable vegetative communities and deer populations in the Lake County Forest Preserves: an assessment of deer herbivory and population density. Lake County Forest Preserves District. \$99,473.

Nielsen, C. K., M. A. Davenport, and J. C. Mangun. 2007-08. A study of urban and rural residents' attitudes toward cougars in the Western and Midwestern U.S. Shared Earth Foundation. \$20,000.

Nielsen, C. K., and J. M. Kolowski. 2007. Sonoran jaguar conservation project. Disney Wildlife Conservation Fund. \$15,000.

Nielsen, C. K., D. W. Sparling, E. M. Schaubert, and C. L. Roy Nielsen. 2006-10. Cooperative upland wildlife research and surveys—swamp rabbit, dove, and bobwhite study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-106-R. \$635,251.

Nielsen, C. K., and N. Svoboda. 2006-08. A comprehensive management plan for white-tailed deer, Wawaashkesh, in the northern lower peninsula of Michigan. U.S. Fish and Wildlife Service and Little River Band of Ottawa Indians of Manistee, Michigan. \$278,620.

Nielsen, C. K. 2006-07. Potential habitat for cougars in Midwestern North America. The Summerlee Foundation, Shared Earth Foundation. \$15,000.

Nielsen, C. K., and J. R. Nawrot. 2006. Site investigation: rice rat (*Oryzomys palustris*) presence at AMAX Delta Mine. Illinois Department of Natural Resources. \$5,825.

Schauber, E. M., and C. K. Nielsen. 2005-10. Cooperative wildlife research—Illinois deer investigations. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-87-R. \$732,262.

Nielsen, C. K. 2005-07. Status of the gray fox in Illinois. Illinois Department of Natural Resources, Furbearer Fund. \$78,073.

Carver, A. D., E. M. Schaubert, C. K. Nielsen, N. Correa, and J. C. Mangun. 2005-07. Developing marketing and promotional strategies for ecotourism and wildlife conservation in EcoParque Panama. U.S. Forest Service, International Institute of Tropical Forestry. \$42,000.

Nielsen, C. K., E. M. Schaubert, and D. W. Sparling. 2005-06. Cooperative upland wildlife research and surveys—swamp rabbit and bobwhite quail study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-106-R. \$118,009.

Nielsen, C. K., and M. A. McCullough. 2005-06. Testing remote cameras for detecting Canada lynx in Maine. U.S. Fish and Wildlife Service, A. V. Stout Foundation, American Wildlife Conservation Foundation, Maine Outdoor Heritage Foundation. \$13,350.

- Nielsen, C. K. 2005. Evaluating use of man-made hibernacula by snakes in southern Illinois. Illinois Department of Natural Resources. \$5,200.
- Nielsen, C. K., E. M. Schaubert, A. Woolf, and E. C. Hellgren. 2004-07. Cooperative furbearing and nongame mammal investigations—beaver, long-tailed weasel, and gray fox study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. \$592,426.
- Nielsen, C. K., C. L. Roy Nielsen, and E. M. Schaubert. 2004-06. 2005-2006 status survey of the swamp rabbit in Indiana. Indiana Department of Natural Resources. \$9,923.
- Heist, E., C. K. Nielsen, and A. Woolf. 2004-06. Bobcat population and forensic genetics in Illinois. Illinois Department of Natural Resources, Furbearer Fund. \$32,984.
- Nielsen, C. K. 2004-06. Special wildlife studies, otter population analysis. Illinois Department of Natural Resources. \$5,210.
- Nielsen, C. K., B. Wells, and P. Wells. 2004-05. Seeing Maine's carnivores through the eyes of a remote sensing camera: using technology for wildlife education. Davis Conservation Foundation, National Fish and Wildlife Foundation. \$9,900.
- Nielsen, C. K. 2004. Diseases, parasites, and genetic relatedness of raccoons in southern Illinois. Illinois Department of Natural Resources, Furbearer Fund. \$10,000.
- Nielsen, C. K. 2004. Trapper education workshop. Illinois Department of Natural Resources, Furbearer Fund. \$3,100.
- Nielsen, C. K. 2004. Special wildlife studies, raccoon DNA analysis. Illinois Department of Natural Resources. \$2,500.
- Nielsen, C. K. 2004. Deer population modeling. Lake County Forest Preserve District. \$2,000.
- Nielsen, C. K. 2004. Illinois deer check station coordination. Illinois Department of Natural Resources. \$1,050.
- Schauber, E. M., C. K. Nielsen, and A. Woolf. 2003-05. Cooperative forest wildlife research—Illinois deer investigations. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-87-R. \$498,615.
- Nielsen, C. K. 2003-04. Bobcats at Bernheim Forest: potential population abundance and habitat suitability. Bernheim Arboretum and Research Forest. \$16,995.
- C. Grants Received – Internally from SIUC**  
Total funding received from internal SIUC proposals, July 2003-Present: \$177,930.
- Nielsen, C. K., W. J. Banz, G. Apgar, and E. L. Gastal. 2015-16. Efficacy of localized management of white-tailed deer: phase I research. Funding provided by the Dean of the College of Agricultural Sciences, Southern Illinois University Carbondale. \$30,000.
- Nielsen, C. K. 2014-16. Methods to reduce deer depredation of soybeans. Funding provided by the Dean of the College of Agricultural Sciences, Southern Illinois University Carbondale. \$27,320.
- Nielsen, C. K. 2011-12. Conservation status and distribution of maned wolves (*Chrysocyon brachyurus*) in Paraguay. Faculty seed grant, Southern Illinois University Carbondale. \$20,409.

Nielsen, C. K. 2010-12. The need for expanded conservation in arid Patagonia: an assessment of the effectiveness of the existing protected area network and identification of areas important for conservation. Competitive internal funding initiative, Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. \$17,976.

Nielsen, C. K. 2006-08. Confluence of deer and suburbia: a case study in Carbondale, Illinois. Funding provided by the Chancellor of Southern Illinois University Carbondale. \$30,144.

Nielsen, C. K. 2005-06. Habitat potential for cougars in the Midwest. Competitive internal funding initiative, Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. \$12,789.

Nielsen, C. K. 2003-05. Raccoon ecology in southern Illinois. Start-up funds provided by Cooperative Wildlife Research Laboratory and Graduate School, Southern Illinois University Carbondale. \$39,292.

## VI. PUBLICATIONS

### A. Articles in Peer-reviewed Journals/Outlets (n = 131; graduate student/postdoc advisees indicated with an asterisk)

Nielsen, C. K., and H. C. Lanier. 2018. *Sylvilagus floridanus*. The IUCN Red List of Threatened Species 2018:*in press*.

Nielsen, C. K., and H. C. Lanier. 2018. *Sylvilagus aquaticus*. The IUCN Red List of Threatened Species 2018:*in press*.

Greenspan, E.\*, C. K. Nielsen, and K. W. Cassel\*. *In press*. Potential distribution of coyotes (*Canis latrans*), Virginia opossums (*Didelphis virginiana*), striped skunks (*Mephitis mephitis*), and raccoons (*Procyon lotor*) in the Chicago Metropolitan Area. *Urban Ecosystems*.

Nielsen, C. K., and J. K. Stroud-Settles\*. *In press*. Home range and habitat use of female white-tailed deer (*Odocoileus virginianus*) in the northern lower peninsula of Michigan. *Mammal Study*.

Holland, A. M., E. M. Schaubert, C. K. Nielsen, and E. C. Hellgren. *In press*. Stream community richness predicts apex predator occupancy dynamics in riparian systems. *Oikos*.

Morin, D. J.\*, D. B. Lesmeister\*, C. K. Nielsen, and E. M. Schaubert. 2018. The truth about cats and dogs: Landscape composition and human occupation mediate the distribution and potential impacts of non-native carnivores. *Global Ecology and Conservation* 15:*in press*.

Berkman, L. K.\*, C. K. Nielsen, C. L. Roy, and E. J. Heist. 2018. A landscape genetic analysis of swamp rabbits (*Sylvilagus aquaticus*) suggests forest canopy cover enhances gene flow in an agricultural matrix. *Canadian Journal of Zoology* 96:622-632.

Crawford, J. C.\*, C. K. Nielsen, and E. M. Schaubert. 2018. Survival and habitat use of sympatric lagomorphs in bottomland hardwood forests. *Canadian Journal of Zoology* 96:713-722.

Fort, J.\*, C. Nielsen, A. Carver, R. Moreno, and N. Meyer. 2018. Factors influencing local attitudes and perceptions of jaguars (*Panthera onca*) and national park conservation in Panamá. *Oryx* 52:282-291.



- Rutter, A. U.\*, A. T. Hanrahan\*, C. K. Nielsen, and E. M. Schaubert. 2018. Survival and cause-specific mortality of river otters in southern Illinois. *American Midland Naturalist* 180:156-163.
- Nielsen, C., C. Bottom\*, R. Tebo\*, and E. Greenspan\*. 2018. Habitat overlap among bobcats (*Lynx rufus*), coyotes (*Canis latrans*), and wild turkeys (*Meleagris gallopavo*) in an agricultural landscape. *Canadian Journal of Zoology* 96:486-496.
- Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2018. Chronic *Cytauxzoon felis* infections in wild-caught bobcats (*Lynx rufus*). *Veterinary Parasitology* 252:67-69.
- Vandermark, C., E. Zieman\*, E. Boyles\*, C. K. Nielsen, C. Davis, and F. Agustín Jiménez. 2018. Trypanosoma cruzi strain TCIV is present in raccoons from Illinois. *Memórias do Instituto Oswaldo Cruz:in press*.
- Tosa, M. I., M. T. Springer\*, E. M. Schaubert, and C. K. Nielsen. 2018. Increased overwinter mortalities of white-tailed deer (*Odocoileus virginianus*) fawns during a drought year. *Canadian Journal of Zoology* 96:55-61.
- Nielsen, C. K., and J. K. Stroud-Settles\*. 2017. Survival of female white-tailed deer (*Odocoileus virginianus*) in the northern lower peninsula of Michigan. *Mammal Study* 42:201-207.
- Schank, C. J., M. V. Cove, M. J. Kelly, E. Mendoza, G. O’Farrill, R. Reyna-Hurtado, N. Meyer, C. A. Jordan, J. F. González-Maya, D. J. Lizcano, R. Moreno, M. Dobbins, V. Montalvo, C. Sáenz-Bolaños, E. C. Jimenez, N. Estrada, J. C. C. Díaz, J. Saenz, M. Spínola, A. Carver, J. Fort\*, C. K. Nielsen, F. Botello, G. P. Montuy, M. Rivero, J. A. de la Torre, E. Brenes-Mora, O. Godínez-Gómez, M. A. Wood, J. Gilbert, and J. A. Miller. 2017. Using a novel model approach to assess the distribution and conservation status of the endangered Baird’s tapir. *Diversity and Distributions* 23:1459-1471.
- Zieman, E. A.\*, F. A. Jiménez, and C. K. Nielsen. 2017. Concurrent examination of bobcats and ticks reveals high prevalence of *Cytauxzoon felis* in southern Illinois. *Journal of Parasitology* 103:343-348.
- Boyles, E.\*, and C. K. Nielsen. 2017. PBDEs and dechloranes in raccoons in the midwestern United States. *Bulletin of Environmental Contamination and Toxicology* 98:758-762.
- Gastal, G. D. A., A. Hamilton, B. G. Alves, S. G. da Silva de Tarso, J. M. N. Feugang, W. J. Banz, G. A. Apgar, C. K. Nielsen, and E. L. Gastal. 2017. Ovarian features in white-tailed deer (*Odocoileus virginianus*) fawns and does. *PLoS ONE* 12(5): e0177357. doi:10.1371/journal.pone.0177357.
- Koen, E. L.\*, M. I. Tosa, C. K. Nielsen, and E. M. Schaubert. 2017. Does landscape connectivity shape local and global social network structure in white-tailed deer? *PLoS ONE* 12(3): e0173570. doi:10.1371/journal.pone.0173570.
- Hillard, E. M.\*, C. K. Nielsen, and J. W. Groninger. 2017. Swamp rabbits as indicators of wildlife habitat quality in bottomland hardwood forest ecosystems. *Ecological Indicators* 79:47-53.
- Boyles, E.\*, and C. K. Nielsen. 2017. Is the ideal sentinel a unicorn? *Integrated Environmental Assessment and Management* 13:451-452.
- Boyles, E.\*, H. Tan, Y. Wu\*, C. K. Nielsen, L. Shen, E. J. Reiner, and D. Chen. 2017. Halogenated flame retardants in bobcats from the Midwestern United States. *Environmental Pollution* 221:191-198.
- Tosa, M. I., E. M. Schaubert, and C. K. Nielsen. 2017. Impact of localized removal on white-tailed deer space use and contact rates. *Journal of Wildlife Management* 81:26-37.

- Boyles, E.\*, and C. K. Nielsen. 2017. Bioaccumulation of PCBs in a wild North American felid. *Bulletin of Environmental Contamination and Toxicology* 98:71-75.
- Springer, M.\*, R. L. Atkinson, L. Armit, and C. Nielsen. 2016. The utilization and apparent ruminal digestibility of dual-purpose food plots for wildlife and cattle grazing. *Open Agriculture* 1:124-130.
- Pease, B. S., C. K. Nielsen, and E. J. Holzmüller. 2016. Single-camera trap survey designs miss detections: impacts on estimates of occupancy and community metrics. *PLoS ONE* 11(11):e0166689. doi:10.1371/journal.pone.0166689.
- Shew, J. J.\*, J. van der Merwe\*, E. M. Schaubert, B. A. Caldwell, and C. K. Nielsen. 2016. A classic question revisited in red-winged blackbirds: disentangling confounding hypotheses surrounding parental investment theory and nest defense intensity. *Behavioral Ecology and Sociobiology* 70:1843-1856.
- Smith, J. B.\*, C. K. Nielsen, and E. C. Hellgren. 2016. Suitable habitat for recolonizing large carnivores in the midwestern United States. *Oryx* 50:555-564.
- Feltrop, P. D.\*, C. K. Nielsen, and E. M. Schaubert. 2016. Asian carp in the diet of river otters in Illinois. *American Midland Naturalist* 176:298-305.
- Nielsen, C. K. 2016. Ecology and conservation of semi-aquatic mammals and their habitats: implications for policy. *Journal of Contemporary Water Research & Education* 157:1-2.
- Nielsen, C. K. 2016. Modeling population growth and response to harvest for river otters in Illinois. *Journal of Contemporary Water Research & Education* 157:14-22.
- Nielsen, C. K., and V. L. Kelly\*. 2016. Wildlife habitat is similar at mined versus unmined sites 30 years following strip mining for coal in southern Illinois. *Journal of Contemporary Water Research & Education* 157:23-32.
- Urbanek, R. E.\*, G. A. Glowacki, and C. K. Nielsen. 2016. Effect of raccoon (*Procyon lotor*) reduction on Blanding's turtle (*Emydoidea blandingii*) nest success. *Journal of North American Herpetology* 2016(1):39-44.
- LaRue, M. A.\*, and C. K. Nielsen. 2016. Population viability of recolonizing cougars in midwestern North America. *Ecological Modelling* 321:121-129.
- Shew, J. J.\*, C. K. Nielsen, and D. W. Sparling. 2015. Occupancy and turnover dynamics of grassland birds on private lands of Illinois as affected by habitat and field management. *Meadowlark* 23:121-127.
- Nielsen, C., Thompson, D., Kelly, M. and C. A. Lopez-Gonzalez. 2015. *Puma concolor*. The IUCN Red List of Threatened Species 2015: e.T18868A50663436.
- Anderson, C. W.\*, C. K. Nielsen, and E. M. Schaubert. 2015. Survival and dispersal of white-tailed deer in an agricultural landscape. *Wildlife Biology in Practice* 11:26-41.
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#### **B. Peer-edited Publications (n = 20)**

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Nielsen, C. K. 2001. Habitat use and population dynamics of bobcats in southern Illinois. Dissertation, Southern Illinois University Carbondale, Carbondale, IL.

Nielsen, C. K. 1996. Feasibility of population management of white-tailed deer in Irondequoit, New York. Thesis, State University of New York, College of Environmental Science and Forestry, Syracuse, NY.

**E. Research Reports to Sponsors** (listed are project final reports; n = 44)

LaRue, M.A., and C. K. Nielsen. 2018. Attitudes of livestock owners and social media users toward recolonization of cougars. Submitted to The Summerlee Foundation. 58 pp.

Leeson, R., C. Nielsen, G. Apgar, M. Albers, J. Schoonover, and W. Banz. 2015-16. Investigating deer planted plots and non-bait attractants. Submitted to Scot Pet Foods, Incorporated. 11 pp.

Nielsen, C. K., and E. M. Schaubert. 2015. Cooperative upland wildlife research and surveys – swamp rabbit and grassland bird studies. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-106-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 482 pp.

Nielsen, C. K., E. M. Schaubert, and E. C. Hellgren. 2015. Cooperative furbearing and nongame mammal investigations – aquatic furbearer and woodrat studies. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-135-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources, Springfield, IL. 233 pp.

Holland, W., C. K. Nielsen, and A. Coverstone. 2014. Survey of birds and mammals on Sparta National Guard Training Area. Submitted to the U.S. Department of Defense. 57 pp.

Nielsen, C. K., E. C. Hellgren, and E. M. Schaubert. 2014. Relationship between wetland dynamics and metapopulation biology of marsh rice rats in Illinois. Submitted to the Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. 92 pp.

Nielsen, C. K. 2014. Wild turkey response to habitat management in southern Illinois. Submitted to the Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-169-R. 149 pp.

Holland, W., E. C. Hellgren, C. K. Nielsen, and K. Horn. 2013. Survey for herpetofauna at Sparta Training Area. Submitted to the U.S. Department of Defense. 38 pp.

Williard, K., B. Borries, T. Straub, D. Roseboom, C. Nielsen, and V. Kelley. 2013. Stream restoration – long term performance: a reassessment. Submitted to the U.S. Geological Survey. 200 pp.

- Holland, W., E. C. Hellgren, C. K. Nielsen, and K. Horn. 2013. A one-year project to update historic endangered and threatened vertebrate element occurrence record information for Illinois Department of Natural Resources administrative region 5. Submitted to the Illinois Department of Natural Resources, Springfield, IL. 17 pp + appendices.
- Nielsen, C. K., N. Wallor, J. Schoonover, and J. Groninger. 2013. Occupancy and demographic characteristics of forest wildlife at the Middle Mississippi River National Wildlife Refuge. Submitted to the U.S. Fish and Wildlife Service. 21 pp.
- Nielsen, C. K., E. C. Hellgren, and J. B. Smith. 2010-12. Large carnivores in Illinois: planning for potential recolonization. Submitted to the Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-163-R. 141 pp.
- Urbanek, R. E., and C. K. Nielsen. 2012. Informing deer management in the McHenry County Conservation District using assessments of human attitudes and factors affecting deer density. Submitted to the McHenry County (IL) Conservation District, Woodstock, IL. 177 pp.
- Nielsen, C. K., E. C. Hellgren, E. M. Schaubert, G. A. Feldhamer, and D. B. Lesmeister. 2011. Cooperative furbearing and nongame mammal investigations – carnivore occupancy and golden mouse studies. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-135-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources, Springfield, IL. 268 pp.
- Schauber, E. M., and C. K. Nielsen. 2010. Cooperative wildlife research – Illinois deer investigations. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-87-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 420 pp.
- Nielsen, C. K., D. W. Sparling, E. M. Schaubert, C. L. Roy, and E. C. Hellgren. 2010. Cooperative upland wildlife research and surveys – swamp rabbit, northern bobwhite, and dove study. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-106-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 579 pp.
- Carver, A. D., C. K. Nielsen, and A. Benedetti. 2010. Biodiversity conservation for Project Mina Cobre Panama: activities to protect species of concern. Submitted to Minera Panama S.A. 61 pp.
- Urbanek, R. E., and C. K. Nielsen. 2010. Promoting sustainable vegetative communities and deer populations in the Lake County Forest Preserves: an assessment of deer herbivory and population density. Submitted to Lake County Forest Preserve District. 176 pp.
- Nielsen, C. K., and M. A. LaRue. 2009. Potential recolonization and population viability of cougars in the Midwest. Submitted to The Summerlee Foundation. 43 pp.
- Nielsen, C. K., and J. M. Melko. 2009. Modeling bobcat and river otter population growth and response to harvest in Illinois. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 20 pp.
- Nielsen, C. K., C. M. Hester, and J. K. Stroud. 2009. A comprehensive management plan for white-tailed deer, *Wawaashkesh*, in the northern lower peninsula of Michigan. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to U.S. Fish and Wildlife Service and Little River Band of Ottawa Indians of Manistee, Michigan. 189 pp.

- Nielsen, C. K., M. Davenport, and J. Mangun. 2008. A study of urban and rural residents' attitudes towards mountain lions in two Midwestern states. Cooperative Wildlife Research Laboratory and Department of Forestry, Southern Illinois University Carbondale. Submitted to The Shared Earth Foundation and Cougar Network. 51 pp.
- Nielsen, C. K. 2008. Status of the gray fox in Illinois. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 63 pp.
- Nielsen, C. K. 2008. Snake hibernacula project final report. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 10 pp.
- Nielsen, C. K., T. A. Nelson, E. M. Schauber, and E. C. Hellgren. 2007. Cooperative furbearing and nongame mammal investigations – beaver, long-tailed weasel, and gray fox studies. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-135-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 520 pp.
- Roy Nielsen, C. L., S. M. Wakamiya, and C. K. Nielsen. 2007. Viability and patch occupancy of the state-endangered swamp rabbit (*Sylvilagus aquaticus*) metapopulation in southwestern Indiana. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Indiana Department of Natural Resources. 43 pp.
- Nielsen, C. K., and M. McCollough. 2007. Testing remote cameras for detecting Canada lynx. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to U.S. Fish and Wildlife Service, A. V. Stout Foundation, American Wildlife Conservation Foundation, and Maine Outdoor Heritage Foundation. 23 pp.
- Heist, E., C. K. Nielsen., E. Croteau, and E. Hellgren. 2007. Bobcat population and forensic genetics in Illinois: final report II. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 48 pp.
- Heist, E., C. K. Nielsen., and E. Croteau. 2006. Bobcat population and forensic genetics in Illinois: final report I. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 45 pp.
- Nielsen, C. K., E. M. Schauber, D. W. Sparling, and A. Woolf. 2006. Cooperative upland wildlife research and surveys – swamp rabbit and bobwhite quail study. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-106-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 334 pp.
- Nielsen, C. K. 2006. Diseases, parasites, and genetic relatedness of raccoons in southern Illinois. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 55 pp.
- Nielsen, C. K., S. Cooper, and J. R. Nawrot. 2006. Site investigation: rice rat (*Oryzomys palustris*) presence at AMAX Delta Mine. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to the Illinois Department of Natural Resources. 8 pp.
- Schauber, E. M., and C. K. Nielsen. 2005. Cooperative wildlife research – Illinois deer investigations. Completion report for Federal Aid in Fish and Wildlife Restoration Project W-87-R. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 226 pp.

Nielsen, C. K. 2005. Trapper education workshop. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 5 pp.

Nielsen, C. K. 2004. Bobcats at Bernheim Forest: potential population abundance and habitat suitability. Project final report II: site-level habitat analysis. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Bernheim Arboretum and Research Forest. 10 pp.

Nielsen, C. K. 2004. Bobcats at Bernheim Forest: potential population abundance and habitat suitability. Project final report I: results from camera survey and capture efforts. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Bernheim Arboretum and Research Forest. 9 pp.

Greene, C. D., A. Woolf, and C. K. Nielsen. 2003. Wildlife crop damage in Illinois. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 36 pp.

Woolf, A., E. Heist, and C. K. Nielsen. 2002. Status of the bobcat in Illinois. Completion report for Federal Aid in Wildlife Restoration Project W-126-R, Study 2. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 72 pp.

Woolf, A., and C. K. Nielsen. 2001. Predicting growth of the reintroduced otter population in Illinois. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 13 pp.

Woolf, A., and C. K. Nielsen. 1999. Status of the bobcat in Illinois. Completion report for Federal Aid in Wildlife Restoration Project W-126-R, Study 1. Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale. Submitted to Illinois Department of Natural Resources. 110 pp.

McNulty, S. A., C. K. Nielsen, and W. F. Porter. 1997. Nutritional and reproductive status of white-tailed deer on the Naples Biological Reserve. State University of New York, College of Environmental Science and Forestry. Submitted to Naples Biological Reserve Landowner's Council and New York Department of Environmental Conservation. 17 pp.

Nielsen, C. K., and W. F. Porter. 1996. Nutritional and reproductive status of white-tailed deer on the Naples Biological Reserve. State University of New York, College of Environmental Science and Forestry. Submitted to Naples Biological Reserve Landowner's Council and New York Department of Environmental Conservation. 19 pp.

Porter, W. F., H. B. Underwood, D. L. Garner, and C. K. Nielsen. 1996. Estimate of deer population abundance for the Town of Irondequoit 1996. State University of New York, College of Environmental Science and Forestry. Submitted to Town of Irondequoit. 19 pp.

Porter, W. F., H. B. Underwood, and C. K. Nielsen. 1996. Feasibility of using contraceptives to control white-tailed deer populations in Irondequoit, New York. State University of New York, College of Environmental Science and Forestry. Submitted to Town of Irondequoit. 24 pp.

**F. Selected Newspaper Articles, Press Releases, and Interviews/Features in Major Media** (shown are major media outlets out of >1,000 articles and interviews; for example, Midwest cougar article on 12 June 2012 was cited in >500 articles as reported by Google)

ABC News On-line, BBC News, Bloomberg Businessweek, Boston Globe, CBS Radio News, Chicago Sun Times, Chicago Tribune, Chicago Wilderness Magazine, Christian Science Monitor, Cleveland Plain

Dealer, Daily Express (UK), Daily Mail (UK), Defenders Magazine, Discovery Channel Canada, Chicago Life, Down East Magazine, ESPN Outdoors On-line, Houston Chronicle, Huffington Post, Illinois Issues, History Channel, Illinois Outdoors, Illinois Outdoor News, Indianapolis Star, Independent Online (South Africa), Kansas City Star, La Prensa (Panama) Minnesota Star Tribune, MSNBC.com, National Geographic, National Geographic On-line, National Public Radio, Netscape Front Page, Newsday New York, New York Times, Outdoor Life, Panama America, Pittsburgh Tribune-Review, Pravda (Russia), Progressive Farmer, San Jose Mercury News, Scientific American On-line, Scripps-Howard News Service, Scottish Daily Express, Smithsonian Magazine, St. Louis Post-Dispatch, Seattle Post Intelligencer, Sydney Morning Herald, The Guardian (UK), The Weather Channel Online, TIME Magazine, USA Today Online, Wall Street Journal, Washington Post, Washington Post Magazine

## **VII. PRESENTATIONS AT PROFESSIONAL VENUES**

### **A. Invited Presentations** (n = 109; presenter w/asterisk unless 1 author)

Nielsen, C. K. 2018. Cougar recolonization of the midwestern United States. School of Life Sciences Seminar, South China Normal University, Guangzhou, China.

Nielsen, C. K. 2018. Cougar recolonization of the midwestern United States. School of the Environment Seminar, Jinan University, Guangzhou, China.

Rutter, A. U.\*, A. T. Hanrahan, C. K. Nielsen, and E. M. Schaubert. 2018. River otter ecology in Illinois. Chicago Wilderness Wildlife Committee Seminar, Saint Charles, IL.

Morin, D. J.\*, D. B. Lesmeister, C. K. Nielsen, and E. M. Schaubert. 2018. Potential for non-consumptive effects from interference competition. Predator-Prey Interactions Gordon Research Conference, Ventura, CA.

Nielsen, C. K. 2017. Challenges to management of urban white-tailed deer in North America. 64<sup>th</sup> CIC (International Council for Game and Wildlife Conservation) General Assembly, Montreux, Switzerland.

Nielsen, C. K. 2017. Cougar recolonization of the midwestern United States. Department of Biology seminar, Northern Illinois University, DeKalb, IL.

Brockman, J. C.\*, C. K. Nielsen, and J. W. Walk. 2016. Habitat selection of reintroduced bison at Nachusa Grasslands. 2016 Nachusa Science Symposium, Franklin Grove, IL.

Nielsen, C. K. 2016. Cougar recolonization in the midwestern United States. Department of Natural Resources and Environmental Management graduate seminar series. University of Hawai'i-Manoa, HI.

Brockman, J. C.\*, C. K. Nielsen, and J. W. Walk. 2015. Habitat selection of reintroduced bison at Nachusa Grasslands. 2015 Nachusa Science Symposium, Franklin Grove, IL.

Nielsen, C. K. 2015. Ecology and conservation of the jaguar and its associated mammalian community at three locations in the western hemisphere. Department of Fisheries and Wildlife Sciences seminar, University of Missouri-Columbia, Columbia, MO.

Rutter, A. U.\*, C. K. Nielsen, and E. M. Schaubert. 2015. Capture efficiency, survival, and home range characteristics of river otters in southern Illinois. Southern Illinois Master Naturalists, Makanda, IL.

Brockman, J. C.\*, C. K. Nielsen, and J. W. Walk. 2015. Habitat selection of reintroduced bison in northern Illinois. Friends of Nachusa Grasslands Annual Meeting, Franklin Grove, IL.

- Nielsen, C. K. 2015. International and collaborative approaches to lagomorph conservation in a changing world. 5<sup>th</sup> International Wildlife Management Congress, Sapporo, Japan.
- Nielsen, C. K.\*, and E. M. Schauber. 2015. Landscape connectivity and population viability of swamp rabbits: conservation of a habitat specialist at the range edge. 5<sup>th</sup> International Wildlife Management Congress, Sapporo, Japan.
- Nielsen, C. K. 2015. Biology of unexploited beavers in Midwestern North America. 5<sup>th</sup> International Wildlife Management Congress, Sapporo, Japan.
- Nielsen, C. K. 2015. Large scale occupancy surveys of carnivore communities in the U.S. and Latin America. Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil.
- Carver, A. C.\*, J. Needham, C. K. Nielsen, and N. Correa. 2015. Wildlife rescue and research in the Panama Canal third locks expansion project. Aleksandras Stulginskis University, Kaunas, Lithuania.
- Nielsen, C. K. 2015. Population and habitat research for game management of North American wildlife. Aleksandras Stulginskis University, Kaunas, Lithuania.
- Nielsen, C. K. 2015. Excellence in research: my professional journey and lessons learned. Graduate Research Awards for College of Agricultural Sciences at SIUC, Carbondale, IL.
- Nielsen, C. K. 2015. Increasing presence of cougars in the Midwest. Endangered Wolf Center, Eureka, MO.
- Smith, J. B.\*, C. K. Nielsen, and E. C. Hellgren. 2014. Recolonization of the Midwestern United States by large carnivores: habitat suitability and human dimensions. Living with Black Bears, Cougars, and Wolves: Ecology and Human Dimensions Workshop, Chicago, IL.
- Nielsen, C. K. 2014. Lessons from contrasting case studies in large cat conservation. Foundation State University of Cearà, Fortaleza, Brazil.
- Nielsen, C. K. 2014. The Southern Illinois University environment: opportunities for international students. Foundation State University of Cearà, Fortaleza, Brazil.
- Fort, J. L.\*, C. K. Nielsen, and A. D. Carver. 2014. Cerro Hoya National Park. El Cortezo Elementary School. El Cortezo, Panama.
- Fort, J. L.\*, C. K. Nielsen, and A. D. Carver. 2014. Cerro Hoya National Park. La Tronosa Elementary School. La Tronosa, Panama.
- Fort, J. L.\*, C. K. Nielsen, and A. D. Carver. 2014. Spying on jaguars in Cerro Hoya National Park. Azuero Earth Project, Pedasi, Panama.
- Nielsen, C. K. 2014. Wildlife management on private lands: challenges to your future. College of Natural Resources, University of Wisconsin-Stevens Point, Stevens Point, WI.
- Nielsen, C. K. 2014. Lessons from contrasting studies in big cat conservation. Smithsonian Conservation Biology Institute, Washington D.C.
- Bottom, C. R.\*, R. G. Tebo, and C. K. Nielsen. 2014. Impacts of predator use on wild turkey nest success and survival. Southern Illinois Audubon Society, Carbondale, IL.



- Neiles, B.\*, D. Sparling, and C. Nielsen. 2014. Habitat buffers and the plight of the bobwhite. Southern Illinois Audubon Society, Carbondale, IL.
- Nielsen, C. K. 2013. Habitats, populations, and conflicting situations: ecology and management of large mammals from Illinois to India. Department of Natural Resource Management, Texas Tech University, Lubbock, TX.
- Nielsen, C. K.\*, S. G. Baer, and M. Whiles. 2013. NSF research experience for undergraduates: interdisciplinary ecology at SIU. SIU Community of Scholars, Carbondale, IL.
- Tebo, R. G.\*, C. R. Bottom, and C. K. Nielsen. 2013. Response of wild turkeys to grassland fire management in an agricultural setting. Southern Illinois Audubon Society, Carbondale, IL.
- Bottom, C. R.\*, R. G. Tebo, and C. K. Nielsen. 2013. Predator-prey interactions: bobcats, coyotes, and wild turkeys in the Midwest. Southern Illinois Audubon Society, Carbondale, IL.
- Nielsen, C. K. 2013. The challenge of big cat conservation. Shawnee Chapter of the Sierra Club, Carbondale, IL.
- Nielsen, C. K. 2013. SIUC student chapter of the National Wild Turkey Federation: expanding our legacy of wildlife conservation. SIUC student Chapter of National Wild Turkey Federation Annual Banquet, Carbondale, IL.
- Shew, J. J.\*, D. W. Sparling, C. K. Nielsen, and D. C. Osborne. 2013. Pheasant and avian response to mid-contract management: Conservation Reserve Program. 2013 Illinois Pheasants and Quail Forever State Meeting, Peoria, IL.
- Nielsen, C. K. 2013. Cougars are attempting to recolonize the Midwest. 2013 Ohio State Pheasants Forever/Quail Forever meeting, Dayton, OH.
- Nielsen, C. K. 2012. Large carnivores in the Midwest? Clifftop Alliance Meeting, Waterloo, IL.
- Bottom, C. R.\*, C. K. Nielsen, and R. G. Tebo. 2012. Studying predator/wild turkey interactions in southern Illinois. Illinois Trappers Association 50<sup>th</sup> Annual Convention, Lincoln, IL.
- Springer, M. T.\*, C. K. Nielsen, and E. M. Schauber. 2012. Deer in Illinois: what the state is doing to understand the herd and how this research may play into future management decisions. United Bowhunters of Illinois Annual Banquet, Springfield, IL.
- Urbanek, R. E.\*, C. K. Nielsen, M. A. Davenport, and B. D. Woodson. 2012. Public acceptance and perceived outcomes of urban deer management methods. Chicago Wilderness Wildlife Task Force Meeting, Riverwoods, IL.
- Cassel, K. W.\*, and C. K. Nielsen. 2012. Biodiversity trends assessment of Chicago Wilderness: Lake County. Chicago Wilderness Wildlife Task Force Meeting, Riverwoods, IL.
- Urbanek, R. E.\* and C. K. Nielsen. 2012. Deer, humans, and vegetation: a case study of deer management in the Chicago Metropolitan Area. 25<sup>th</sup> Vertebrate Pest Conference, Monterey, CA.
- Nielsen, C. K. 2012. Carnivore research in southern Illinois and beyond. Learning in Retirement Group, Carbondale, IL.

- Nielsen, C. K. 2012. Lessons from recent deer research in southern Illinois and implications for deer management on small scales. Southern Illinois Branch of the Quality Deer Management Association, 4<sup>th</sup> Annual Banquet, Marion, IL.
- Nielsen, C. K. 2012. Turkeys, bobwhites, and grassland birds in Illinois: studies of avian ecology and conservation. Shawnee Chapter of the Illinois Audubon Society, Carbondale, IL.
- Nielsen, C. K. 2011. Careers in natural resources: SIU forestry. 2011 Shawnee Community College Day, Ullin, IL.
- Nielsen, C. K. 2011. Are conditions favorable for cougar recolonization of the Midwest? Iowa State University, Ames, IA.
- Nielsen, C. K. 2011. Wild cat research: uncovering the mysteries of nature's greatest predators. Science Café, The Science Center, Carbondale, IL.
- Shew, J.\*, D. Osborne, D. Sparling, and C. Nielsen. 2011. Pheasant and avian response to mid-contract management: conservation reserve program. Pheasants Forever Annual Meeting, Peoria, IL.
- Nielsen, C. K.\*, A. D. Carver, and D. B. Lesmeister. 2010. Establishing a remote camera monitoring program for endangered mammals in Parque Nacional Soberania. Soberania National Park Headquarters and Ciudad del Saber. Panama City, Panama.
- Berkman, L. K.\*, C. K. Nielsen, and A. D. Carver. 2010. Techniques in conservation genetics: implications for wildlife management in Panama. Facultad Ciencias Naturales Exacta y Tecnología, Universidad de Panamá. Panama City, Panama.
- Nielsen, C. K. 2010. Management techniques for deterring wildlife in field crops. 44<sup>th</sup> Annual Belleville Agricultural Research Station Field Day, Belleville, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2009. Wildlife telemetry, triangulation, and radiomarking. Soil and Water Conservation Districts Conservation Fair, DuQuoin, IL.
- Nielsen, C. K. 2009. How biologists study wildlife. Lewis Elementary School, Carbondale, IL.
- Nielsen, C. K. 2009. Wildlife populations. DuQuoin Conservation Fair, DuQuoin, IL.
- Nielsen, C. K. 2009. Cougars in the Midwest? PheasantFest, Madison, WI.
- Nielsen, C. K. 2008. Cougars in the Midwest? Lake Forest Open Lands Association, Lake Forest, IL.
- Nielsen, C. K. 2008. Cougars in the Midwest? McHenry County Conservation District, Prairieview Education Center, Crystal Lake, IL.
- Nielsen, C. K. 2008. Cougars: big cats in the Midwest and East. Huntington Lecture Series, Adirondack Ecological Center, Newcomb, NY.
- Nielsen, C. K. 2008. Cougars in the Midwest? McHenry County Conservation District, Ringwood, IL.
- Nielsen, C. K. 2008. Beast in the garden book discussion and cougars in Chicago. Liberty Prairie Conservancy, Grayslake, IL.

- Stroud, J. K.\*, C. K. Nielsen, C. M. Hester, and N. Svoboda. 2008. Population demographics of white-tailed deer in the northern lower peninsula of Michigan. Fin and Feather Hunting Club, Ludington, MI.
- Hester, C. M.\*, C. K. Nielsen, J. K. Stroud, and N. Svoboda. 2008. Deer ecology meets landscape management. Fin and Feather Hunting Club, Ludington, MI.
- Nielsen, C. K. 2008. Wild cats of the Midwest. Friends of Giant City Park annual meeting, Makanda, IL.
- Nielsen, C. K. 2007. Potential habitat and dispersal corridors for cougars in the Midwest. Ecology Center seminar at SIUC, Carbondale, IL.
- Berkman L. K.\*, C. K. Nielsen, and C. L. Roy Nielsen. 2007. Landscape genetics of bobwhite quail. Quail Unlimited, Centralia, IL.
- Berkman L. K.\*, C. K. Nielsen, and C. L. Roy Nielsen. 2007. Landscape genetics of bobwhite quail. Quail Forever, Donnellson, IL.
- Nielsen, C. K. 2007. Potential habitat and dispersal corridors for cougars in the Midwest. Department of Fisheries and Wildlife Sciences seminar, University of Missouri-Columbia, Columbia, MO.
- Nielsen, C. K. 2007. Cougars in the Midwest? Kaskaskia Chapter of Illinois Audubon Society, Redbud, IL.
- Nielsen, C. K.\*, and J. E. Rohm. 2007. Survival of white-tailed deer fawns in southern Illinois: impacts of predators and habitat. Minnesota Large Mammal Conference, Grand Rapids, MN.
- Nielsen, C. K.\*, and M. A. LaRue. 2007. Predicting potential habitat and dispersal corridors for cougars in midwestern North America. Minnesota Large Mammal Conference, Grand Rapids, MN.
- Nielsen, C. K. 2007. Deer ecology and management in human-dominated landscapes. University of Illinois, Champaign, IL.
- Nielsen, C. K. 2006. Southern Illinois carnivores. Waltonville High School, Waltonville, IL.
- Nielsen, C. K. 2006. Wild cats of the Midwest: bobcats and cougars. Middlefork Audubon Society, Danville, IL.
- Nielsen, C. K. 2006. A comprehensive management plan for white-tailed deer, *Waáwaáshkešh*, on Tribal lands in the northern lower peninsula of Michigan. Little River Band of Ottawa Indians, Manistee, MI.
- Schauber, E. M.\*, L. Kjaer, D. J. Storm, and C. K. Nielsen. 2006. Contact rates among white-tailed deer in southern Illinois. Wisconsin Department of Natural Resources Chronic Wasting Disease Symposium, Madison, WI.
- Cooper, S. E.\*, and C. K. Nielsen. 2006. Status of the gray fox in southern Illinois. Southeastern Illinois Furtakers, Mount Vernon, IL.
- Bloomquist, C. K.\*, and C. K. Nielsen. 2006. Beaver behavior and space use in southern Illinois. Southeastern Illinois Furtakers, Mount Vernon, IL.
- Nielsen, C. K. 2006. The nature of deer-human conflicts: avoiding deer-human encounters of the third kind on campus. Carbondale Lions Club, Carbondale, IL.

Nielsen, C. K. 2006. Habitats, populations, and management of mammals in Midwestern landscapes: case studies of secretive carnivores. Department of Environmental and Forest Biology, State University of New York, College of Environmental Science and Forestry, Syracuse, NY.

Bloomquist, C. K.\*, and C. K. Nielsen. 2006. Beavers (*Castor canadensis*) in southern Illinois. DuQuoin Middle School, DuQuoin, IL.

Nielsen, C. K. 2006. The nature of deer-human conflicts: avoiding deer-human encounters of the third kind on campus. Special seminar at SIUC, Carbondale, IL.

Nielsen, C. K. 2006. Cougars in the Midwest? Illinois Junior Science and Humanities Symposium, Makanda, IL.

Nielsen, C. K. 2006. Wild cats of the Midwest: tales of bobcats and cougars. Department of Biology, Eastern Illinois University, Charleston, IL.

Nielsen, C. K. 2006. Cougars in the Midwest? John Wesley Powell Chapter of the Audubon Society, Bloomington, IL.

Nielsen, C. K. 2006. Wild cats in the Midwest. Pheasants Forever State Convention, Peoria, IL.

Nielsen, C. K. 2006. Deer biology 101: current deer research in Illinois. Pheasants Forever State Convention, Peoria, IL.

Bloomquist, C. K.\*, and C. K. Nielsen. 2005. Beaver behavior and space use in southern Illinois. Southeastern Illinois Furtakers, Mount Vernon, IL.

Nielsen, C. K. 2005. The Cooperative Wildlife Research Laboratory at Southern Illinois University Carbondale. Shawnee Chapter of the Sierra Club, Carbondale, IL.

Nielsen, C. K. 2005. Cougars in the Midwest? Shawnee Audubon Society, Carbondale, IL.

Nielsen, C. K. 2005. Cougars in the Midwest: An emerging issue? Department of Fisheries and Wildlife, Michigan State University, East Lansing, MI.

Nielsen, C. K. 2005. Cougars in the Midwest? Pheasants Forever State Convention, Peoria, IL.

Nielsen, C. K. 2005. Bobcats in Illinois: tales of a resilient predator. Pheasants Forever State Convention, Peoria, IL.

Nielsen, C. K. 2004. Cougars in Lake County? Liberty Prairie Conservancy, Grayslake, IL.

Nielsen, C. K. 2004. Bobcats in Illinois: tales of a resilient predator. St. Charles Park District, St. Charles, IL.

Wilson, S. E.\*, and C. K. Nielsen. 2004. Raccoon survival rates and habitat characteristics of daytime resting sites in southern Illinois. Southeastern Illinois Furtakers, Mount Vernon, IL.

Nielsen, C. K. 2004. Wildlife trapping. DuQuoin Conservation Fair, DuQuoin, IL.

Nielsen, C. K. 2004. Bobcats in southern Illinois: a top carnivore with a message. DuQuoin State Fair, DuQuoin, IL.

Nielsen, C. K. 2004. Using remote cameras to study carnivores. Maine Department of Inland Fisheries and Wildlife, Bangor, ME.

Nielsen, C. K. 2003. Distribution and abundance of bobcats in southern Illinois. Southeastern Illinois Furtakers, Mount Vernon, IL.

Nielsen, C. K. 2003. Wildlife telemetry, tracking, and trapping. DuQuoin Conservation Fair, DuQuoin, IL.

Nielsen, C. K. 2003. Bobcats in southern Illinois: a symbol of our shrinking wilderness. Girl Scout Camp Cedar Point, Carbondale, IL.

Nielsen, C. K. 2003. Distribution and abundance of bobcats in southern Illinois. Bernheim Arboretum and Research Forest, Clermont, KY.

Nielsen, C. K. 2002. Deer-human conflicts in developed areas: causes and potential solutions. Forest Park Nature Center, Visiting Ecologist Series, Peoria, IL.

Nielsen, C. K. 2001. Ecology of bobcats in Illinois. Kaskaskia Chapter of the Illinois Audubon Society, Chester, IL.

Nielsen, C. K. 1998. Status of bobcats in Illinois. Illinois Junior Science and Humanities Symposium, Makanda, IL.

Nielsen, C. K. 1996. Feasibility of population management of white-tailed deer in Irondequoit, New York. SUNY-ESF Chapter of The Wildlife Society, Syracuse, NY.

**B. Oral Presentations at Professional Meetings** (n = 290; presenter(s) w/asterisk unless 1 author)

Schauber, E. M., M. I. Tosa, L. J. Kjaer, and C. K. Nielsen. 2018. Benefits of a bottom-up approach to understanding disease dynamics and management in deer: studying behavior to test mechanistic hypotheses. 9<sup>th</sup> International Deer Biology Congress, Estes Park, CO.

Greenspan, E.\*, A. Giordano, C. Nielsen, K. Jai-Chyi Pei, and N. Ching-Min Sun. 2018. Planning the reintroduction of the clouded leopard (*Neofelis nebulosa*) to Taiwan: an assessment of attitudes and potential support. North American Congress for Conservation Biology 2018, Toronto, Ontario, Canada.

Landau, V., B. Noon, D. Theobald, N. Thompson Hobbs, and C. Nielsen. 2018 Jaguar connectivity in the Borderlands: an evaluation of habitat connectivity in the US and Mexico. North American Congress for Conservation Biology 2018, Toronto, Ontario, Canada.

Zieman, E. A.\*, V. Phillips, C. K. Nielsen, and F. A. Jiménez. 2018. Genetic diversity and geographic distribution of *Cytauxzoon felis*. 70<sup>th</sup> Annual Midwestern Conference of Parasitologists, Charleston, IL.

Hillard, E. M.\*, C. K. Nielsen, and J. W. Groninger. 2018. Stand dynamics drive swamp rabbit habitat use in a managed bottomland hardwood forest. 23<sup>rd</sup> Central Hardwoods Forest Conference, Bloomington, IN.

Landau, V. A.\*, D. M. Theobald, B. R. Noon, N. T. Hobbs, and C. K. Nielsen. 2018. Jaguar connectivity in the borderlands: an evaluation of habitat connectivity in the Madrean Sky Islands. 4<sup>th</sup> Conference on Biodiversity and Management of the Madrean Archipelago, Tucson, AZ.

- Shew, J. J.\*, C. K. Nielsen, and D. W. Sparling. 2018. Finer-scale habit predicts nest survival in grassland birds more than management and landscape: a multi-scale perspective. 54<sup>th</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Champaign, IL.
- Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2018. Fine-scale evaluation of genetic diversity of *Cytauxzoon felis* in bobcats and domestic cats. Southeastern Society of Parasitologists Annual Meeting, Starkville, MS.
- Lawson, T. E.\*, E. A. Zieman, C. K. Nielsen, and F. A. Jiménez. 2018. Factors affecting *Cytauxzoon felis* parasitemia levels in bobcats (*Lynx rufus*). Southeastern Society of Parasitologists Annual Meeting, Starkville, MS.
- Phillips, V.\*, E. A. Zieman, C. K. Nielsen, and F. A. Jiménez. 2018. Analysis of land cover types associated with *Cytauxzoon felis* infections in domestic cats. Southeastern Society of Parasitologists Annual Meeting, Starkville, MS.
- Tosa, M. I., M. T. Springer\*, E. M. Schaubert, and C. K. Nielsen. 2018. Increased overwinter mortalities of white-tailed deer (*Odocoileus virginianus*) fawns during a drought year. 78<sup>th</sup> Midwest Fish and Wildlife Conference, Milwaukee, WI.
- Morin, D. J., D. B. Lesmeister, C. K. Nielsen, and E. M. Schaubert\*. 2018. How do domestic dogs influence intraguild interactions among native canids? 78<sup>th</sup> Midwest Fish and Wildlife Conference, Milwaukee, WI.
- Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2017. *Cytauxzoon felis* in southern Illinois. 4<sup>th</sup> Annual SIU Natural Sciences Student Research Symposium, Carbondale, IL.
- Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2017. Chronic infections of *Cytauxzoon felis* in wild-caught bobcats (*Lynx rufus*). 92<sup>nd</sup> Annual Meeting of The American Society of Parasitologists, San Antonio, TX.
- Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2017. Chronic infections of *Cytauxzoon felis* in wild-caught bobcats (*Lynx rufus*). 69<sup>th</sup> Annual Midwestern Conference of Parasitologists, Wilmington, OH.
- LaRue, M. L.\*, B. Pease, and C. K. Nielsen. 2017. Spatial and temporal shifts in cougar presence in the Midwest in response to changing management regimes. 12<sup>th</sup> Mountain Lion Workshop, Estes Park, CO.
- Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2017. Chronic infections of *Cytauxzoon felis* in wild caught bobcats (*Lynx rufus*). Southeastern Society of Parasitologists Annual Meeting, Georgetown, SC.
- Pease, B. S.\*, C. K. Nielsen, and E. J. Holzmueller. 2016. Single-camera versus multiple-camera survey designs: impacts on occupancy and community metrics. 23<sup>rd</sup> Annual Meeting of The Wildlife Society, Raleigh, NC.
- Rutter, A. U.\*, A. T. Hanrahan, C. K. Nielsen, and E. M. Schaubert. 2016. Survival and capture efficiency of river otters in southern Illinois. 23<sup>rd</sup> Annual Meeting of The Wildlife Society, Raleigh, NC.
- Brockman, J. C.\*, C. K. Nielsen, and J. W. Walk. 2016. Habitat selection of reintroduced bison in northern Illinois. 23<sup>rd</sup> Annual Meeting of The Wildlife Society, Raleigh, NC.
- Brockman, J. C.\*, C. K. Nielsen, and J. W. Walk. 2016. Habitat selection of reintroduced bison at Nachusa Grasslands. 3<sup>rd</sup> Annual SIU Natural Sciences Student Research Symposium, Carbondale, IL.

Marler, H. R.\*, D. Chen, C. K. Nielsen, and D. H. Adams. 2016. Maternal transfer of flame retardants in two viviparous shark species. 3<sup>rd</sup> Annual SIU Natural Sciences Student Research Symposium, Carbondale, IL.

Pease, B.\*, C. Nielsen, and E. Holzmueller. 2016. Single-camera trap survey designs miss detections: Impacts on estimates of occupancy and wildlife community metrics. 3<sup>rd</sup> Annual SIU Natural Sciences Student Research Symposium, Carbondale, IL.

Shew, J. J.\*, D. W. Sparling, and C. K. Nielsen. 2016. Multiple responses of grassland birds to non-fire management. 24<sup>th</sup> North American Prairie Conference, Champaign, IL.

Shew, J.\*, J. van der Merwe, B. Caldwell, E. Schaubert, and C. Nielsen. 2016. A classic question revisited: disentangling confounding hypotheses surrounding parental investment theory. 53<sup>rd</sup> Annual Conference of the Animal Behavior Society, Columbia, MO.

Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2016. High prevalence of *Cytauxzoon felis* in bobcats and ticks in a newly described enzootic region: southern Illinois. 91<sup>st</sup> Annual Meeting of the American Society of Parasitologists, Edmonton, AB, Canada.

Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2016. High prevalence of *Cytauxzoon felis* in bobcats and ticks in a newly described enzootic region: southern Illinois. 68<sup>th</sup> Annual Midwestern Conference of Parasitologists, Makanda, IL.

LaRue, M. A.\*, and C. K. Nielsen. 2016. Dynamics of cougar recolonization in the Midwest: investigating trends in confirmations over 25 years. 96<sup>th</sup> Annual Meeting of the American Society of Mammalogists. Minneapolis, MN.

LaRue, M. A.\*, and C. K. Nielsen. 2016. Habitat suitability and population viability of recolonizing cougars in the midwestern United States. 96<sup>th</sup> Annual Meeting of the American Society of Mammalogists. Minneapolis, MN.

Hanrahan, A. T.\*, A. U. Rutter, C. K. Nielsen, and E. M. Schaubert. 2016. Spatial ecology of river otters in southern Illinois. 2016 Midwest Furbearer Resources Workshop, Ely, MN.

Rutter, A. U.\*, A. T. Hanrahan, C. K. Nielsen, and E. M. Schaubert. 2016. Survival and capture efficiency of river otters in southern Illinois. 2016 Midwest Furbearer Resources Workshop, Ely, MN.

Leeson, R. E.\*, C. K. Nielsen, E. J. Holzmueller, and D. C. Oliver. 2016. Influence of white-tailed deer on oak regeneration in southern Illinois. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Brockman, J. C.\*, C. K. Nielsen, and J. W. Walk. 2016. Habitat selection of reintroduced bison in northern Illinois. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Pease, B. S.\*, E.J. Holzmueller, and C.K. Nielsen. 2016. Summer habitat use of game species in a central hardwood forest. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Zieman E. A.\*, M. Schwarzinger, C. K. Nielsen, and F. A. Jiménez. 2016. *Cytauxzoon felis* (Apicomplexa: Theileriidae) in bobcats, domestic cats, and tick vectors in southern Illinois. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Holland, A. M.\*, E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2016. Effects of riparian habitat and stream structure on multi-season occupancy of beaver and muskrat populations in Illinois. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Rutter, A. U.\*, A. T. Hanrahan, C. K. Nielsen, and E. M. Schaubert. 2016. Capture efficiency and survival of river otters in southern Illinois. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Hillard, E. M.\*, C. K. Nielsen, and J. W. Groninger. 2016. Swamp rabbits as indicators of bottomland hardwood forest integrity. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Fort, J. L.\*, C. K. Nielsen, and A. D. Carver. 2016. Corridors and pockets: habitat use of two distinct populations of wild felids and their prey in Panama. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.

Boyles, E.\*, C. K. Nielsen, and D. Chen. 2016. Using raccoons as sentinels to identify organic contaminant point sources in the Midwest. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL. Winner, Best Ph.D. Student Paper Award.

Brockman, J. C.\*, C. K. Nielsen, and J. W. Walk. 2016. Habitat selection of reintroduced bison in northern Illinois. 76<sup>th</sup> Midwest Fish and Wildlife Conference, Grand Rapids, MI.

Zieman, E. A.\*, C. K. Nielsen, and F. A. Jiménez. 2016. *Cytauxzoon felis* (Apicomplexa: Theileriidae) in bobcats, domestic cats, and tick vectors in the southern region of Illinois. 76<sup>th</sup> Midwest Fish and Wildlife Conference, Grand Rapids, MI.

Rutter, A. U.\*, C. K. Nielsen, and E. M. Schaubert. 2016. Capture efficiency, survival, and home range characteristics of river otters in southern Illinois. 76<sup>th</sup> Midwest Fish and Wildlife Conference, Grand Rapids, MI.

Tosa, M. I.\*, E. M. Schaubert, C. K. Nielsen, and E. J. Heist. 2015. How does social affinity of white-tailed deer vary with relatedness? 22<sup>nd</sup> Annual Conference of The Wildlife Society. Winnipeg, Manitoba, Canada.

Marler, H.\*, C. K. Nielsen, and D. Chen. 2015. Brominated flame retardants in North Atlantic sharks and teleost fishes. 2<sup>nd</sup> Annual SIU Center for Ecology Natural Sciences Student Research Symposium, Carbondale, IL.

Rutter, A. U.\*, C. K. Nielsen, and E. M. Schaubert. 2015. Capture efficiency, survival, and home range characteristics of river otters in southern Illinois. 2<sup>nd</sup> Annual SIU Center for Ecology Natural Sciences Student Research Symposium, Carbondale, IL.

Shew, J. J.\*, J. van der Merwe, B. Caldwell, C. K. Nielsen, and E. M. Schaubert. 2015. An old question revisited: disentangling hypotheses of nest defense aggression in a blackbird. 2<sup>nd</sup> Annual SIU Center for Ecology Natural Sciences Student Research Symposium, Carbondale, IL.

Boyles, E.\*, C. K. Nielsen, and D. Chen. 2015. Using terrestrial mammalian carnivores for global contaminant monitoring: Applying North American knowledge to Africa. 7<sup>th</sup> SETAC Africa Conference, Langebaan, Western Cape, South Africa. Winner of Best Student Researcher Award.



- Zieman, E. A.\*, M. Schwarzingler, C. K. Nielsen, and F. A. Jimenez. 2015. *Cytauxzoon felis* (Apicomplexa; Theileridea) in bobcats, domestic cats, and tick vectors in the southern region of Illinois. 90<sup>th</sup> Annual Meeting of the American Society of Parasitologists, Omaha, NE.
- Glowacki, G. A.\*, R. E. Urbanek, and C. K. Nielsen. 2015. Effect of northern raccoon (*Procyon lotor*) reduction on Blanding's turtle (*Emydoidea blandingii*) nest success and population viability. International Urban Wildlife Conference, Chicago, IL.
- Cassel, K. W.\*, C. K. Nielsen, T. S. Preuss, and G. A. Glowacki. 2015. Factors affecting site occupancy and co-occurrence of small mammals on suburban forest preserves in the Chicago Metropolitan Area. International Urban Wildlife Conference, Chicago, IL.
- Holland, A.\*, E. Hellgren, C. Nielsen, and E. Schaubert. 2015. River otter occupancy in Illinois as a function of the riparian community. Society for Freshwater Science 2015 Annual Meeting, Milwaukee, WI.
- Nielsen, C. K.\*, and M. A. LaRue\*. 2015. Development of a multi-state study of carnivore occupancy in the Midwest: lessons learned from large-scale research in Illinois. 2015 Midwest Furbearer Resources Workshop, Nashville, IN.
- Shew, J. J.\*, D. W. Sparling, and C. K. Nielsen. 2015. Multi-scale factors influence occupancy dynamics of grassland-obligate birds in Illinois. 51<sup>st</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Champaign, IL. Winner of second prize, best student paper.
- Holland, A. M.\*, E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2015. The aquatic furbearer community in Illinois stream systems: the co-occurrence of river otter, mink, muskrat, and beaver. 51<sup>st</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Champaign, IL.
- Springer, M. T.\*, C. K. Nielsen, and E. M. Schaubert. 2015. Estimating dispersal and excursion movement rates of white-tailed deer using demographic and landscape variables. 51<sup>st</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Champaign, IL. Winner of best student paper award.
- Zieman, E. A.\*, M. Schwarzingler, C. K. Nielsen, and F. A. Jimenez. 2015. *Cytauxzoon felis* (Apicomplexa; Theileridea) in bobcats, domestic cats, and tick vectors in the southern region of Illinois. Joint Meeting of the Southeastern Society of Parasitologists and Helminthological Society of Washington, Blacksburg, VA. Winner of best student paper award.
- Springer, M. T.\*, C. K. Nielsen, and E. M. Schaubert. 2015. Estimating dispersal and excursion movement rates of white-tailed deer using demographic and landscape variables. 38<sup>th</sup> Southeast Deer Study Group Meeting, Little Rock, AR.
- Tosa, M. I.\*, E. M. Schaubert, and C. K. Nielsen. 2015. How does loss of social group impact behavior of remnant white-tailed deer? 38<sup>th</sup> Southeast Deer Study Group Meeting, Little Rock, AR.
- Holland, A. M.\*, E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2015. Effects of management and seasonal weather variation on the recovering river otter population in Illinois. 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.
- Jooste, E.\*, D. Chen, and C. K. Nielsen. 2015. Bioaccumulation of halogenated flame retardants in an apex predator. 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Springer, M. T.\*, C. K. Nielsen, and E. M. Schaubert. 2015. Estimating dispersal and excursion movement rates of white-tailed deer in east-central Illinois using demographic and landscape variables. 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Tosa, M. I.\*, E. M. Schaubert, C. K. Nielsen, and E. J. Heist. 2015. How does social affinity of white-tailed deer vary with relatedness? 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Neiles, B. Y.\*, D. W. Sparling, and C. K. Nielsen. 2015. Birds in the buffers: avian-habitat relationships in CP33 habitat buffers. 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Marler, H.\*, D. H. Adams, E. Liang, Z. Chen, C. K. Nielsen, and D. Chen. 2014. Flame retardants and legacy organic contaminants in sharks and teleost fishes of coastal waters in the southeastern U.S. Society of Ecological Toxicology and Chemistry North America 35<sup>th</sup> Annual Meeting, Vancouver, BC, Canada.

Marler, H.\*, D. H. Adams, C. K. Nielsen, and D. Chen. 2014. Flame retardants in sharks and teleost fishes in a North Atlantic food web. Society of Ecological Toxicology and Chemistry North America 35<sup>th</sup> Annual Meeting, Vancouver, BC, Canada.

Springer, M. T.\*, C. K. Nielsen, and E. M. Schaubert. 2014. An individual-based movement model to predict white-tailed deer dispersal behavior in an agricultural landscape. 21<sup>st</sup> Annual Meeting of The Wildlife Society, Pittsburgh, PA.

Tosa, M. I.\*, E. M. Schaubert, and C. K. Nielsen. 2014. How does loss of social group impact behavior of remnant white-tailed deer? 21<sup>st</sup> Annual Meeting of The Wildlife Society, Pittsburgh, PA.

Jackson, A. M.\*, E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2014. Multi-season occupancy and detection dynamics of the recovering river otter population in Illinois. 21<sup>st</sup> Annual Meeting of The Wildlife Society, Pittsburgh, PA.

Crawford, J. C.\*, E. M. Schaubert, and C. K. Nielsen. 2014. Differential space and habitat use by swamp rabbit and cottontails in southern Illinois. 21<sup>st</sup> Annual Meeting of The Wildlife Society, Pittsburgh, PA.

Shew, J. J.\*, D. W. Sparling, and C. K. Nielsen. 2014. Grassland bird response to mid-contract management and multi-scale habitat factors on private conservation reserve program lands. 132<sup>nd</sup> Meeting of the American Ornithologists' Union, Estes Park, CO.

Moreno, R.\*, N. Meyer, E. Sánchez, C. Nielsen, and A. Carver. 2014. El jaguar en La Serranía De Pirre, Parque Nacional Darién, Panamá. XVI National Congress of Science and Technology, Panamá City, Panamá.

Tosa, M. I.\*, E. M. Schaubert, and C. K. Nielsen. 2014. How does loss of social group impact behavior of remnant white-tailed deer? 99<sup>th</sup> Ecological Society of America Annual Meeting, Sacramento, CA.

Zieman, E.\*, M. Schwarzingler, C. K. Nielsen, and F. A. Jimenez. 2014. The distribution of *Cytauxzoon felis* (Apicomplexa: Theileriidae) in bobcats and ticks in Illinois. 89<sup>th</sup> Annual Meeting of the American Society of Parasitologists, New Orleans, LA.

Tosa, M. I.\*, E. M. Schaubert, E. J. Heist, and C. K. Nielsen. 2014. How does social affinity of white-tailed deer vary with relatedness? 50<sup>th</sup> Meeting of the Illinois Chapter of The Wildlife Society, Springfield, IL.

- Springer, M. T.\*, C. K. Nielsen, and E. M. Schaubert. 2014. Use of discrete choice modeling to predict least-cost paths of white-tailed deer in an agricultural landscape. 50<sup>th</sup> Meeting of the Illinois Chapter of The Wildlife Society, Springfield, IL.
- Crawford, J. C.\*, C. K. Nielsen, and E.M. Schaubert. 2014. Differential space and resource use among swamp rabbits and cottontails in southern Illinois. 50<sup>th</sup> Meeting of the Illinois Chapter of The Wildlife Society, Springfield, IL.
- Pfaff, M.\*, A. Anderson, J. Crawford, and C. Nielsen. 2014. Comparing nest site characteristics for southern Illinois lagomorphs. 50<sup>th</sup> Meeting of the Illinois Chapter of The Wildlife Society, Springfield, IL.
- Nielsen, C. K. 2014. Role of forest cover in large carnivore recolonization of the Midwest. 19<sup>th</sup> Central Hardwoods Forest Conference, Carbondale, IL.
- Crawford, J. C.\*, C. K. Nielsen, E. M. Schaubert, and J. W. Groninger. 2014. Swamp rabbits as indicators of optimal scale for bottomland forest management. 19<sup>th</sup> Central Hardwoods Forest Conference, Carbondale, IL.
- Pfaff, M.\*, M. I. Tosa, M. T. Springer, E. M. Schaubert, and C. K. Nielsen. 2014. Impact of deer bait sites on *Peromyscus* mice in southern Illinois. 19<sup>th</sup> Central Hardwoods Forest Conference, Carbondale, IL.
- Tosa, M. I.\*, E. M. Schaubert, and C. K. Nielsen. 2014. Impact of localized removal on deer behavior. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Tebo, R. G.\*, C. R. Bottom, and C. K. Nielsen. 2014. Foraging and travel success of wild turkey poults in fire managed and unmanaged grasslands in southern Illinois. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Bottom, C. R.\*, R. G. Tebo, and C. K. Nielsen. 2014. Habitat overlap among sympatric mesocarnivores and wild turkeys in southern Illinois. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Jooste, E.\*, C. Nielsen, and D. Chen. 2014. Bobcats as bioindicators for brominated flame retardants in the Midwestern United States. Society for Integrative and Comparative Biology Annual Meeting 2014, Austin, TX.
- Hiestand, S. J.\*, F. A. Jiménez, and C. K. Nielsen. 2014. Spatial analysis of bobcat parasites in Illinois. Wisconsin Chapter of The Wildlife Society Conference, Wausau, WI.
- Jackson, A. M.\*, E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2013. Seasonal occupancy dynamics of semi-aquatic mammals in southern Illinois. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Springer, M. T.\*, C. K. Nielsen, and E. M. Schaubert. 2013. Use of discrete choice modeling to predict least-cost paths of white-tailed deer in an agricultural landscape. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Tebo R. G.\*, C. R. Bottom\*, and C. K. Nielsen. 2013. Wild turkey response to management in southern Illinois. 37<sup>th</sup> Midwest Deer and Wild Turkey Study Group Meeting, Monticello, IL.
- Springer, M. T.\*, M. Tosa, E. M. Schaubert, and C. K. Nielsen. 2013. External home range movements and effects of localized removal on white-tailed deer. 37<sup>th</sup> Midwest Deer and Turkey Group Meeting, Monticello, IL.

Anderson, A.\*, J. Crawford, and C. Nielsen. 2013. Site-level analysis indicates fine-scale habitat partitioning in sympatric lagomorphs in southern Illinois. 1<sup>st</sup> Colloquium for Undergraduate Research in Ecology, Southern Illinois University, Carbondale, IL.

Crawford, J. C.\*, L. K. Berkman, C. M. Jordan, and C. K. Nielsen. 2013. Spatial and food resource partitioning in two sympatric rabbit populations in southern Illinois. 93<sup>rd</sup> Annual Meeting of the American Society of Mammalogists, Philadelphia, PA.

Delahunt, K. D., R. G. Tebo, J. R. Nawrot\*, and C. K. Nielsen. 2013. Female turkey ecology on a Midwest reclaimed surface mine. 30<sup>th</sup> Annual Meeting of the American Society of Mining and Reclamation, Laramie, WY.

Tosa, M. I.\*, E. M. Schaubert, and C. K. Nielsen. 2013. Differing rates of direct contact between and within social groups of white-tailed deer. 49<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, East Peoria, IL.

Jordan, C. M.\*, J. C. Crawford, L. K. Berkman, and C. K. Nielsen. 2013. You are what you eat: using stable isotopes to determine differences in diets of rabbits in southern Illinois. 49<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, East Peoria, IL.

Jordan, C. M.\*, J. C. Crawford, L. K. Berkman, and C. K. Nielsen. 2013. You are what you eat: using stable isotopes to determine differences in diets of rabbits in southern Illinois. Southern Illinois University Undergraduate Research Forum, Carbondale, IL.

Robinson, C.\*, E. M. Schaubert, and C. K. Nielsen. 2013. Swamp rabbit (*Sylvilagus aquaticus*) metapopulation viability in southern Illinois. 49<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, East Peoria, IL.

Crawford, J. C.\*, R. D. Crego, C. K. Nielsen, C. K. Bloomquist, R. P. Havens, and T. A. Nelson. 2013. Movement patterns of beavers around dens in two contrasting landscapes in Illinois. 49<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, East Peoria, IL.

Nielsen, C. K.\*, E. C. Hellgren, and J. B. Smith. 2013. Planning for cougars in Illinois. 2013 Midwest Furbearer Resources Workshop, Petersburg, IL.

Feltrop, P. D.\*, C. K. Nielsen, E. M. Schaubert, G. W. Whitley, and E. C. Hellgren. 2013. Using stable isotopes to determine the role of bigheaded carps on the trophic position of river otters in Illinois. 2013 Midwest Furbearer Workshop, Petersburg, IL.

Bottom, C. R.\*, R. G. Tebo, and C. K. Nielsen. 2013. Spatial interactions among sympatric mesocarnivores and their prey in southern Illinois. 2013 Midwest Furbearer Workshop, Petersburg, IL.

Brooks, M. L.\*, S. Rensing, S. J. Hiestand, F. A. Jiménez, and C. K. Nielsen. 2013. Liver accumulation of trace metals in bobcats (*Lynx rufus*) collected in southern Illinois. 2013 Midwest Furbearer Workshop, Petersburg, IL.

Hiestand, S. J.\*, F. A. Jiménez, and C. K. Nielsen. 2013. Spatial analysis of bobcat parasites in Illinois. 2013 Midwest Furbearer Workshop, Petersburg, IL.

Jackson, A. M.\*, E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2013. Multi-season occupancy of semi-aquatic furbearers in southern Illinois. 2013 Midwest Furbearer Workshop, Petersburg, IL.

- Jooste, E.\* , D. Chen, and C. K. Nielsen. 2013. A global review of heavy metal contamination in terrestrial mammalian carnivores. 2013 Midwest Furbearer Workshop, Petersburg, IL.
- Shew, J. J.\* , D. W. Sparling, and C. K. Nielsen. 2012. Avian response to mid-contract management on brome and native grass conservation reserve program fields in Illinois. 73<sup>rd</sup> Midwest Fish and Wildlife Conference, Wichita, KS.
- Tosa, M. I.\* , E. M. Schaubert, and C. K. Nielsen. 2012. Impact of localized removal on white-tailed deer behavior. 73<sup>rd</sup> Midwest Fish and Wildlife Conference, Wichita, KS.
- Robinson, C.\* , E. M. Schaubert, and C. K. Nielsen. 2012. Swamp rabbit metapopulation viability in southern Illinois. 73<sup>rd</sup> Midwest Fish and Wildlife Conference, Wichita, KS.
- Cassel, K. W.\* , C. K. Nielsen, T. S. Preuss, and G. A. Glowacki. 2012. Trends in abundance and diversity of small mammals in forest preserves of Lake County, Illinois. 73<sup>rd</sup> Midwest Fish and Wildlife Conference, Wichita, KS.
- Smith, J. B.\* , C. K. Nielsen, and E. C. Hellgren. 2012. Human dimensions of recolonization of the midwestern United States by large carnivores. 73<sup>rd</sup> Midwest Fish and Wildlife Conference, Wichita, KS.
- Hiestand, S. J.\* , F. A. Jiménez, and C. K. Nielsen. 2012. Assessment and spatial analysis of bobcat endoparasites in Illinois. 73<sup>rd</sup> Annual Midwest Fish and Wildlife Conference, Wichita, KS.
- Springer, M. T.\* , C. K. Nielsen, and E. M. Schaubert. 2012. Exploratory and dispersal behavior of white-tailed deer in central Illinois. 73<sup>rd</sup> Annual Midwest Fish and Game Conference, Wichita, KS.
- Urbanek, R. E.\* , and C. K. Nielsen. 2012. Influence of landscape factors on density of suburban white-tailed deer. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Springer, M. T.\* , C. K. Nielsen, and E. M. Schaubert. 2012. Exploratory and dispersal movements of white-tailed deer in southern Illinois. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Smith, J. B.\* , C. K. Nielsen, and E. C. Hellgren. 2012. Recolonization of the midwestern United States by large carnivores: habitat suitability and human dimensions. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Borrego, C. S.\* , C. K. Nielsen, and J. M. Kolowski. 2012. Site occupancy of the northernmost breeding population of jaguars: implications for future survey design. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Hiestand, S. J.\* , A. Jimenez-Ruiz, and C. K. Nielsen. 2012. Assessment and spatial analysis of bobcat parasites in Illinois. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Hiestand, S. J.\* , A. Jimenez-Ruiz, and C. K. Nielsen. 2012. Helminth parasites of Illinois bobcats. 64<sup>th</sup> Annual Midwestern Conference of Parasitologists, Kirksville, MO.
- Springer, M. T.\* , C. K. Nielsen, and E. M. Schaubert. 2012. Preliminary analyses of dispersal behavior of white-tailed deer in east-central Illinois. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.
- Hiestand, S. J.\* , F. A. Jimenez, and C. K. Nielsen. 2012. Endoparasites of bobcats in southern Illinois. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.

- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. 2012. Spatial dynamics of carnivores and other wildlife in southern Illinois. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.
- Shew, J. J.\*, D. W. Sparling, and C. K. Nielsen. 2012. Avian response to mid-contract management on brome and native grass Conservation Reserve Program fields in Illinois. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.
- Crawford, J. C.\*, C. K. Nielsen, and E. M. Schaubert. 2012. Survival and home ranges of lagomorphs in bottomland hardwood forests of southern Illinois. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.
- Smith, J. B.\*, C. K. Nielsen, and E. C. Hellgren. 2012. Recolonization of the midwestern United States by large carnivores: Habitat suitability and human dimensions. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.
- Urbanek, R. E.\*, and C. K. Nielsen. 2012. Ecological and societal impacts of suburban white-tailed deer: a case study in the Chicago Metropolitan Area. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.
- Harris, J. M., C. M. Ruffner\*, M. D. Therrell, and C.K. Nielsen. 2012. Dendrochronological determination of historical fire occurrence and recruitment in southern Illinois oak-hickory forests. 108<sup>th</sup> Annual Meeting of the Association of American Geographers, New York, NY.
- Hiestand, S. H.\*, F. A. Jiménez, and C. K. Nielsen. 2011. Assessment of bobcat parasites in southern Illinois. 72<sup>nd</sup> Annual Midwest Fish and Wildlife Conference, Des Moines, IA.
- Berkman, L. K.\*, and C. K. Nielsen. 2011. Ecological differences between sympatric lagomorphs in early-successional bottomland forests. 72<sup>nd</sup> Midwest Fish and Wildlife Conference, Des Moines, IA.
- Smith, J. B.\*, C. K. Nielsen, and M. Davenport. 2011. Cougars (*Puma concolor*) in the midwestern United States: perceptions versus reality. 72<sup>nd</sup> Midwest Fish and Wildlife Conference, Des Moines, IA.
- Urbanek, R. E.\*, C. K. Nielsen, M. A. Davenport, and B. D. Woodson. 2011. Public acceptance and perceived outcomes of urban deer management methods. 72<sup>nd</sup> Midwest Fish and Wildlife Conference, Des Moines, IA.
- Springer, M. T.\*, C. K. Nielsen, and S. E. Wilson. 2011. Demographics and capture efficiency in an unexploited raccoon population. 72<sup>nd</sup> Midwest Fish and Wildlife Conference, Des Moines, IA.
- Crego, R. D.\*, J. C. Crawford, C. K. Bloomquist, C. K. Nielsen, R. P. Havens, and T. A. Nelson. 2011. Movement patterns around dens in two Illinois beaver populations. 2011 Conference and Annual Meeting of the Organization of Fish and Wildlife Information Managers, St. Louis, MO.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. 2011. Factors influencing occupancy dynamics of a carnivore guild. 96<sup>th</sup> Ecological Society of America Annual Meeting, Austin, TX.
- Hiestand, S.\*, A. Jimenez-Ruiz, and C. K. Nielsen. 2011. Parasites of bobcats in southern Illinois. 63<sup>rd</sup> Annual Midwestern Conference of Parasitologists, Notre Dame, IN.
- Urbanek, R. E.\*, K. R. Allen, and C. K. Nielsen. 2011. Urban and suburban deer management by state wildlife agencies. International Urban Wildlife Management and Planning Conference, Austin, TX.

- Schauber, E. M.\*, C. K. Nielsen, L. J. Kjaer, and C. W. Anderson. 2011. Fluctuating social affinities of female and juvenile white-tailed deer at various time scales and impacts on disease transmission. 91<sup>st</sup> Annual Meeting of the American Society of Mammalogists. Portland, OR.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schauber, and E. C. Hellgren. 2011. Occupancy dynamics of a carnivore guild in the Midwest. 91<sup>st</sup> Annual Meeting of the American Society of Mammalogists. Portland, OR.
- Harris, J. M.\*, C. M. Ruffner, M. Therrell, and C. K. Nielsen. 2011. A dendrochronological determination of historical fire occurrence and recruitment in southern Illinois oak-hickory forests. Association of American Geographers 107<sup>th</sup> Annual Meeting, Seattle, WA.
- Berkman, L. K.\*, C. K. Nielsen, and C. L. Roy. 2011. Genetic analysis of bobwhite and swamp rabbits in Illinois. Midwest Ecology and Evolution Conference, Carbondale, IL.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schauber, and E. C. Hellgren. 2011. Occupancy dynamics of a carnivore guild in southern Illinois. 2011 Midwest Ecology and Evolution Conference, Carbondale, IL.
- Urbanek, R. E.\*, C. K. Nielsen, and S. E. Wilson. 2011. Survival of unexploited raccoons on a rural refuge in Southern Illinois. 2011 Midwest Ecology and Evolution Conference, Carbondale, IL.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schauber, and E. C. Hellgren. 2011. Mesocarnivore occupancy dynamics in southern Illinois. 47<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Joliet, IL.
- Urbanek, R. E.\*, C. K. Nielsen, T. A. Preuss, and G. A. Glowacki. 2011. Cost comparison of vegetation monitoring techniques used to assess white-tailed deer herbivory. 47<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Joliet, IL.
- Delahunt, K. S.\*, J. R. Nawrot, C. K. Nielsen, J. K. Garver, D. A. Woolard, and B. Mahan. 2011. Techniques for rocket netting wild turkeys: updated methods - documentation and discussion. National Wild Turkey Symposium 10, Shepherdstown, WV.
- LaRue, M. A.\*, and C. K. Nielsen. 2010. Cougar confirmations in the Midwest, 1990-2009. 71<sup>st</sup> Midwest Fish and Wildlife Conference, Minneapolis, MN.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. Survival and dispersal of wild turkeys in a diverse Midwestern landscape. 71<sup>st</sup> Midwest Fish and Wildlife Conference, Minneapolis, MN.
- Schauber, E. M.\*, C. K. Nielsen, L. J. Kjaer, and C. W. Anderson. 2010. Fluctuating social affinities of female and juvenile white-tailed deer at year, season, and day time scales. 71<sup>st</sup> Midwest Fish and Wildlife Conference, Minneapolis, MN.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schauber, and E. C. Hellgren. 2010. Gray fox and red fox landscape-level co-occurrence with coyotes and free-ranging dogs. 71<sup>st</sup> Midwest Fish and Wildlife Conference, Minneapolis, MN.
- Berkman, L. K., C. K. Nielsen, and C. L. Roy\*. 2010. Genetic analysis of swamp rabbits to determine connectivity among habitat patches in Illinois. 71<sup>st</sup> Midwest Fish and Wildlife Conference, Minneapolis, MN.

- Urbanek, R. E.\*, and C. K. Nielsen. 2010. Comparison of aerial surveys and distance sampling for estimating deer density. 71<sup>st</sup> Midwest Fish and Wildlife Conference, Minneapolis, MN.
- Urbanek, R. E.\*, and C. K. Nielsen. 2010. Effects of deer herbivory in restored forest and savanna plant communities. Chicago Wilderness Congress 2010. Chicago, IL.
- Nielsen, C. K.\*, and E. C. Hellgren. 2010. Large carnivores in Illinois: planning for potential recolonization. Chicago Wilderness Congress 2010. Chicago, IL.
- Schauber, E. M.\*, C. K. Nielsen, L. J. Kjaer, and C. W. Anderson. 2010. Contact among white-tailed deer: effects of landscape and social structure. 95<sup>th</sup> Ecological Society of America Annual Meeting, Pittsburgh, PA.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. 2010. Habitat occupancy of sympatric mesocarnivores in southern Illinois. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.
- Crawford, J. C.\*, L. K. Berkman, C. K. Nielsen, E. M. Schaubert, and C. L. Roy. 2010. Ecology and management of the swamp rabbit at the edge of its range in southern Illinois. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.
- Berkman, L. K.\*, C. K. Nielsen, and C. L. Roy. 2010. Genetic distinction of northern bobwhite in Illinois at multiple spatial scales. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.
- Urbanek, R. E.\*, and C. K. Nielsen. 2010. Deer herbivory in forest, savanna, and wetland plant communities: impacts of deer density. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.
- Borrego, C. S.\*, C. K. Nielsen, and J. M. Kolowski. 2010. Occupancy and detection of sympatric jaguar and puma in a ranching landscape in Sonora, Mexico. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. Nesting and brood-rearing ecology of wild turkeys in southern Illinois. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.
- Borrego, C. S.\*, C. K. Nielsen, and J. M. Kolowski. 2010. Density of the northernmost population of jaguars in Sonora, Mexico. 90<sup>th</sup> Annual Meeting of the American Society of Mammalogists, Laramie, WY.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. 2010. Spatial and temporal activity patterns of gray foxes coexisting with bobcats and coyotes. 90<sup>th</sup> Annual Meeting of the American Society of Mammalogists, Laramie, WY.
- Urbanek, R. E.\*, and C. K. Nielsen. 2010. Promoting sustainable vegetative communities and deer populations in the Chicago Metropolitan Area: an assessment of deer herbivory and population density. Chicago Wilderness, Wildlife Task Force, Riverwoods, IL.
- Anderson, C. W.\*, C. K. Nielsen, C. M. Hester, R. D. Hubbard, J. K. Stroud, and E. M. Schaubert. 2010. Distance sampling techniques for estimating white-tailed deer density: An overview and case study. 33<sup>rd</sup> Annual Meeting of The Southeast Deer Study Group, San Antonio, TX.
- Schauber, E. M.\*, L. J. Kjaer, C. K. Nielsen, and C. W. Anderson. 2009. Contact rates among white-tailed deer: effects of landscape and social structure. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.



- Nielsen, C. K.\*, C. S. Borrego, and J. M. Kolowski. 2009. Relative habitat use by large carnivores and their prey in Sonora, Mexico: implications for conservation. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Kjaer, L. J.\*, E. M. Schaubert, and C. K. Nielsen. 2009. Spatially explicit, individual-based modeling of chronic wasting disease transmission. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Croteau, E. K.\*, E. J. Heist, and C. K. Nielsen. 2009. Population history and phylogeography of bobcats in North America. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2009. Wild turkey nesting ecology in a diverse Midwestern landscape. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Heneaux, V.\*, L. A. Powell, K. A. Hobson, C. K. Nielsen, and M. A. LaRue. 2009. Tracking cougars in Midwestern North America: clues in claw isotope ratios. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Melko, J. M.\*, and C. K. Nielsen. 2009. Multiple indices are better than one: a Bayesian analysis of wildlife index data in Illinois. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Berkman, L. K.\*, C. K. Nielsen, and C. L. Roy. 2009. Genetic distinction of northern bobwhite in Illinois at multiple spatial scales. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Mott, C. L.\*, C. K. Nielsen, and C. K. Bloomquist. 2009. Effects of beaver (*Castor canadensis*) removal events on within-den behavior patterns among remaining individuals. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- LaRue, M.\*, C. Nielsen, M. Davenport, and J. Mangun. 2009. Forecasting cougar potential in Midwestern North America. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Nielsen, C. K. 2009. Bobcat ecology in Illinois: insight from fifteen years of inquiry. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.
- Nielsen, C. K., and R. Thompson\*. 2009. A carnivore conservation model in the Rio Aros Basin, Sonora, Mexico. Carnivores 2009, Denver, CO.
- Nielsen, C. K.\*, M. Davenport, and J. Mangun. 2009. Urban and rural residents' attitudes towards mountain lions in two Midwestern states. Carnivores 2009, Denver, CO.
- Melko, J. M.\*, and C. K. Nielsen. 2009. State-space modeling as a method for data integration in monitoring carnivore populations at large scales. Carnivores 2009, Denver, CO.
- Lesmeister, D. B.\*, C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. 2009. Activity patterns of gray foxes coexisting with coyotes and bobcats. Carnivores 2009, Denver, CO.
- Nielsen, C. K. 2009. Jaguar, puma, and humans in North America: studies to promote carnivore coexistence. Meeting of the Northern Rockies Conservation Cooperative Predator Co-existence Group, Emigrant, MT.
- Urbanek, R. E.\*, and C. K. Nielsen. 2009. White-tailed deer herbivory on herbaceous restorations in suburban forest preserves. 16<sup>th</sup> Annual Meeting of The Wildlife Society, Monterey, CA.

- Melko, J. M.\*, and C. K. Nielsen. 2009. Using state-space models to integrate count data in demographic studies. 16<sup>th</sup> Annual Meeting of The Wildlife Society, Monterrey, CA.
- Kjaer, L. J.\*, E. M. Schaubert, and C. K. Nielsen. 2009. Spatially explicit, individual-based modeling of chronic wasting disease transmission. 16<sup>th</sup> Annual Meeting of The Wildlife Society, Monterrey, CA.
- Kjaer, L. J.\*, E. M. Schaubert, and C. K. Nielsen. 2009. Spatially explicit, individual-based modeling of chronic wasting disease transmission. 3<sup>rd</sup> International Chronic Wasting Disease Symposium, Park City, UT.
- Cooper, S. E.\*, C. K. Nielsen, and C. W. Anderson. 2009. Landscape influences on relative abundance of sympatric mesocarnivores in a spatially-heterogeneous Midwestern landscape. 94<sup>th</sup> Ecological Society of America Annual Meeting, Albuquerque, NM.
- LaRue, M. A.\*, and C. K. Nielsen. 2009. Potential recolonization and population viability of cougars in the Midwest. 94<sup>th</sup> Ecological Society of America Annual Meeting. Albuquerque, NM.
- Berkman, L. K.\*, C. K. Nielsen, and C. L. Roy. 2009. Landscape genetics of swamp rabbits in southern Illinois. 89<sup>th</sup> Annual Meeting of the American Society of Mammalogists, Fairbanks, AK.
- Mott, C. L.\*, C. K. Bloomquist, and C. K. Nielsen. 2009. Seasonal, diel, and ontogenetic patterns of within-lodge behaviors among beavers (*Castor canadensis*). 2009 Midwest Ecology and Evolution Conference, Lincoln, NE.
- Nielsen, C. K. 2009. Cougars in the Midwest: potential habitat, population viability, and human dimensions. 2009 Midwest Furbearer Resources Workshop, Frankfort, KY.
- Kjaer, L. J.\*, E. M. Schaubert, and C. K. Nielsen. 2009. Modeling movements in spatially explicit, individual-based models. 2009 U.S. International Association for Landscape Ecology Meeting, Snowbird, UT.
- Berkman, L. K.\*, C. K. Nielsen, and C. L. Roy. 2009. Landscape genetics of bobwhite quail and swamp rabbits in Illinois. 45<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Sparta, IL.
- Melko, J. M.\*, and C. K. Nielsen. 2009. Saturation points in hunter survey response levels. 45<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Sparta, IL.
- Anderson, C. W.\*, C. K. Nielsen, and E. M. Schaubert. 2009. White-tailed deer hunter intensity and efficiency in Illinois. 45<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Sparta, IL.
- Nielsen, C. K.\*, and R. E. Urbanek. 2009. Deer and humans in the Chicago Metropolitan Area: for sustainability and factors affecting deer overabundance. Chicago Wilderness Wildlife Task Force Meeting, Palos Altos, IL.
- Nielsen, C. K. 2009. Will Tennessee ever be known as “the cougar state”? 32<sup>nd</sup> Annual Meeting of the Tennessee Chapter of The Wildlife Society, Pikeville, TN.
- Nielsen, C. K. 2009. Expansion of human development and potential impacts on deer management. 32<sup>nd</sup> Annual Meeting of the Southeast Deer Study Group, Roanoke, VA. (plenary session speaker)
- Campa, H. R.\*, W. D. Walter, K. C. Vercauteren, W. R. Clark, J. W. Fischer, S. E. Hygnstrom, N. E. Mathews, C. K. Nielsen, S. J. Riley, E. M. Schaubert, T. R. Van Deelen, and S. R. Winterstein. 2009. The dynamics of white-tailed deer demographics and movement patterns throughout the Midwest. Emerging

Issues in White-tailed Deer Management and Conservation Conference, West Lafayette, IN.

Nielsen, C. K.\*, and R. E. Urbanek. 2009. Deer as a keystone herbivore in the Chicago Metropolitan Area. WildThings Conference, Chicago, IL.

Hester, C. M.\*, C. K. Nielsen, J. K. Stroud, and N. Svoboda. 2008. Photosynthetics and fitness consequences of deer herbivory on Michigan forbs. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Urbanek, R. E.\*, and C. K. Nielsen. 2008. Deer herbivory and identification of indicator for species in suburban forest preserves. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Rustand, M.\*, E. M. Schaubert, and C. K. Nielsen. 2008. Effect of supplemental feeding on contact rates between deer in southern Illinois. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Anderson, C. W.\*, C. K. Nielsen, and E. M. Schaubert. 2008. Deer harvest intensity and efficiency in Illinois. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Stroud, J. K.\*, C. K. Nielsen, C. M. Hester, and N. Svoboda. 2008. Population demographics and space-use of white-tailed deer in the northern lower peninsula of Michigan. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Mott, C. L.\*, C. K. Bloomquist, and C. K. Nielsen. 2008. Seasonal, diel, and sex- and age-based patterns of within-lodge behavior in beavers. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Melko, J. M.\*, and C. K. Nielsen. 2008. Population modeling using state-space techniques. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Croteau, E. K.\*, E. J. Heist, and C. K. Nielsen. 2008. Fine-scale population structure, relatedness, and sex-biased dispersal in southern Illinois bobcats. 69<sup>th</sup> Midwest Fish and Wildlife Conference, Columbus, OH.

Hester, C. M.\*, C. K. Nielsen, J. K. Stroud, and N. Svoboda. 2008. Seventh generation sustainability: white-tailed deer and vegetation conservation in lower Michigan. 15<sup>th</sup> Annual Meeting of The Wildlife Society, Miami, FL.

Stroud, J. K.\*, C. K. Nielsen, C. M. Hester, and N. Svoboda. 2008. Population demographics and space-use of white-tailed deer in the northern lower peninsula of Michigan. 15<sup>th</sup> Annual Meeting of The Wildlife Society, Miami, FL.

Anderson, C. W.\*, C. K. Nielsen, D. J. Storm, and E. M. Schaubert. 2008. Predicting risk of deer-human interactions in an exurban environment. 15<sup>th</sup> Annual Meeting of The Wildlife Society, Miami, FL.

Dodson, J. D.\*, J. C. Mangun, M. A. Davenport, and C. K. Nielsen. 2008. Believing is seeing: social versus ecological reality of cougar (*Puma concolor*) presence in southern Illinois. 14<sup>th</sup> International Symposium on Society and Resource Management, Burlington, VT.

Bade, E. M.\*, C. K. Nielsen, and D. E. Kennedy. 2008. Movement of a solitary carnivore in a patchy landscape. American Society of Mammalogists 88<sup>th</sup> Annual Meeting, Brookings, SD.

Nielsen, C. K.\*, and M. A. LaRue. 2008. Potential habitat and dispersal corridors for cougars in the Midwest. 9<sup>th</sup> Mountain Lion Workshop, Sun Valley, ID.

Nelson, T. A.\*, and C. K. Nielsen. 2008. Population ecology of Illinois' beavers: results of a 9-year study. 44<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, East Peoria, IL.

Hubbard, R. D.\*, and C. K. Nielsen. 2008. Cost-benefit analysis of managed shotgun hunts for suburban white-tailed deer. 44<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, East Peoria, IL.

Conlee, M. F.\*, C. K. Nielsen, and E. M. Schaubert. 2008. Impacts of Illinois outfitters on white-tailed deer populations. 44<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, East Peoria, IL.

Scharine, P. D., C. K. Nielsen\*, E. M. Schaubert, and L. Rubert. 2008. Habitat factors affecting relative abundance of swamp rabbits in a floodplain forest ecosystem. Floodplain Ecosystem Symposium, Little Rock, AR.

Bade, E. M.\*, and C. K. Nielsen. 2007. Why did the bobcat cross the road? A landscape analysis of bobcat-vehicle collision locations in southern Illinois. 68<sup>th</sup> Midwest Fish and Wildlife Conference, Madison, WI.

Berkman, L. K.\*, C. M. Hester, M. F. Conlee, and C. K. Nielsen. 2007. Large-scale habitat modeling for Illinois river otters. 68<sup>th</sup> Midwest Fish and Wildlife Conference, Madison, WI.

Conlee, M. F.\*, C. K. Nielsen, and E. M. Schaubert. 2007. Impacts of Illinois outfitters on white-tailed deer and turkey populations. 68<sup>th</sup> Midwest Fish and Wildlife Conference, Madison, WI.

Hubbard, R. D.\*, and C. K. Nielsen. 2007. Deer overabundance on a college campus: a case study at Southern Illinois University Carbondale. 68<sup>th</sup> Midwest Fish and Wildlife Conference, Madison, WI.

Scharine, P. D.\*, C. K. Nielsen, E. M. Schaubert, and L. Rubert. 2007. Occupancy rates, detection probabilities, and habitat associations of sympatric lagomorph species in recently afforested farmlands. 68<sup>th</sup> Midwest Fish and Wildlife Conference, Madison, WI.

Walter, D.\*, H. Campa III, J. W. Fischer, S. E. Hygnstrom, N. Matthews, C. Nielsen, E. Schaubert, T. VanDeelen, K. VerCauteren, and S. Winterstein. 2007. Home-range size of white-tailed deer relative to landscape composition: a regional comparison. 68<sup>th</sup> Midwest Fish and Wildlife Conference, Madison, WI.

Crawford, J.\*, Z. Liu, T. Nelson, C. Nielsen, and C. Bloomquist. 2007. Patterns of mating and kinship in Illinois beaver populations. International Beaver Ecology and Management Workshop, Phoenix, AZ.

Nelson, T. A.\*, and C. K. Nielsen. 2007. Population ecology of beavers in Illinois. International Beaver Ecology and Management Workshop, Phoenix, AZ.

Rubert, L. \*, E. M. Schaubert, C. K. Nielsen, and P. D. Scharine. 2007. Using GIS to identify potential habitat linkages for swamp rabbit conservation. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

Roy Nielsen, C. L.\*, C. K. Nielsen, and E. M. Schaubert. 2007. Patch occupancy by swamp rabbits in Indiana: forty years of data on colonization and extinction. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

Kjaer, L. J.\*, E. M. Schaubert, and C. K. Nielsen. 2007. Contact rates among white-tailed deer (*Odocoileus virginianus*) in space and time. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

- Rubert, L.\*, E. M. Schaubert, C. K. Nielsen, and P. D. Scharine. 2007. Using GIS to identify potential habitat linkages for swamp rabbit conservation. 92<sup>nd</sup> Annual Meeting of the Ecological Society of America, San Jose, CA.
- Crawford, J.\*, Z. Liu, T. Nelson, C. Nielsen, and C. Bloomquist. 2007. Genetic variation in the beaver (*Castor canadensis*). 100<sup>th</sup> Annual Meeting of the Illinois State Academy of Science, Springfield, IL.
- Bloomquist, C. K.\*, and C. K. Nielsen. 2007. Demographic characteristics of unexploited beavers in southern Illinois. 43<sup>rd</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Moline, IL.
- Crawford, J.\*, Z. Liu, T. Nelson, C. Nielsen, and C. Bloomquist. 2007. Genetic variation in the beaver (*Castor canadensis*). 43<sup>rd</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Moline, IL.
- Cole, B. A.\*, D. W. Sparling, C. K. Nielsen, and J. L. Roseberry. 2007. Evaluating the potential for CRP to increase bobwhite quail abundance in Illinois. 2007 Missouri Natural Resources Conference, Lake of the Ozarks, MO.
- Berkman, L.\*, C. L. Roy Nielsen and C. K. Nielsen. 2006. Swamp rabbit genetics in southern Illinois. 1<sup>st</sup> Swamp Rabbit Summit, New Harmony, IN.
- Rubert, L.\*, E. M. Schaubert, C. K. Nielsen, and P. Scharine. 2006. Public-private partnerships for connecting swamp rabbit populations in southern Illinois. 1<sup>st</sup> Swamp Rabbit Summit, New Harmony, IN.
- Scharine, P. D.\*, C. K. Nielsen, E. M. Schaubert, and L. Rubert. 2006. Habitat factors associated with swamp rabbit abundance in southern Illinois. 1<sup>st</sup> Swamp Rabbit Summit, New Harmony, IN.
- Cole, B. A.\*, D. W. Sparling, C. K. Nielsen, and J. L. Roseberry. 2006. Evaluating the potential for CRP to increase bobwhite quail abundance in Illinois. 67<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE.
- Crawford, J. C.\*, Z. Liu, T. A. Nelson, C. K. Nielsen, and C. K. Bloomquist. 2006. A comparison of two molecular methods for gender identification in beaver (*Castor canadensis*). 67<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE.
- Croteau, E. K.\*, E. J. Heist, and C. K. Nielsen. 2006. Genetic differentiation and relatedness among Midwestern bobcats. 67<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE.
- Kjaer, L. J.\*, E. M. Schaubert, and C. K. Nielsen. 2006. Contact rates and potential disease transmission in white-tailed deer. 67<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE.
- Nielsen, C. K., and M. A. LaRue\*. 2006. Increasing cougar confirmations in Midwestern North America: implications to wildlife ecology and management. 67<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE.
- Roy Nielsen, C. L.\*, C. K. Nielsen, and E. M. Schaubert. 2006. Current and historical distribution of swamp rabbits in Indiana: 1968-present. 67<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE.
- Rohm, J. E.\*, C. K. Nielsen, and E. M. Schaubert. 2006. Post-recruitment survival of fawns in southern Illinois. 60<sup>th</sup> Annual Conference of the Southeast Association of Fish and Wildlife Agencies, Norfolk, VA.
- McDonald, P. A.\*, C. K. Nielsen, T. J. Oyana, and W. Sun. 2006. Habitat affiliations of sympatric carnivores in southern Illinois. Carnivores 2006, St. Petersburg, FL.

- LaRue, M. A.\*, and C. K. Nielsen. 2006. Predicting potential cougar habitat in Midwestern North America. *Carnivores 2006*, St. Petersburg, FL.
- Schauber, E. M.\*, L. J. Kjaer, D. J. Storm, and C. K. Nielsen. 2006. Contact rates among white-tailed deer in southern Illinois: effects of group membership, time, and space. 13<sup>th</sup> Annual Meeting of The Wildlife Society, Anchorage, AK.
- Roy Nielsen, C. L.\*, and C. K. Nielsen. 2006. Promiscuity and multiple paternity in raccoons. 13<sup>th</sup> Annual Meeting of The Wildlife Society, Anchorage, AK.
- Bloomquist, C. K.\*, and C. K. Nielsen. 2006. Survival and space use of beavers in southern Illinois. 13<sup>th</sup> Annual Meeting of The Wildlife Society, Anchorage, AK.
- Strong, M.\*, D. Etter, D. Bostick, C. Nielsen, B. Bluett, C. Dwyer, D. Swanson, S. Johnson, B. Plowman, D. Hamilton, R. Andrews, T. Gosselink, W. Clark, and S. Koehler. 2006. Improving Midwest furbearer distribution representations. 24<sup>th</sup> Midwest Furbearers Workshop, Sault Ste. Marie, MI.
- Schauber, E. M.\*, L. J. Kjaer, D. J. Storm, and C. K. Nielsen. 2006. Contact rates among white-tailed deer in southern Illinois: effects of group membership, time, and space. 91<sup>st</sup> Annual Meeting of the Ecological Society of America.
- Bloomquist, C. K.\*, and C. K. Nielsen. 2006. Using remote videography to monitor beavers in the lodge. American Society of Mammalogists 86<sup>th</sup> Annual Meeting, Amherst, MA.
- Croteau, E. K.\*, E. J. Heist, and C. K. Nielsen. 2006. A genetic analysis of bobcats in the Midwest. American Society of Mammalogists 86<sup>th</sup> Annual Meeting, Amherst, MA.
- Nielsen, C. K.\*, and M. A. McCollough. 2006. Testing remote cameras for detecting Canada lynx in Maine. American Society of Mammalogists 86<sup>th</sup> Annual Meeting, Amherst, MA.
- Cole, B. A.\*, D. W. Sparling, C. K. Nielsen, and J. L. Roseberry. 2006. Assessing the economic feasibility of CRP to improve bobwhite quail abundance in Illinois. Joint Conference of Quail VI and Perdix XII, Athens, GA.
- Bloomquist, C. K.\*, and C. K. Nielsen. 2006. Survival and space-use of beavers in southern Illinois. 42<sup>nd</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Whittington, IL.
- Cole, B. A.\*, D. W. Sparling, J. L. Roseberry, and C. K. Nielsen. 2006. Evaluating the potential of CRP to improve bobwhite habitat in Wayne County, Illinois. 42<sup>nd</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Whittington, IL.
- Croteau E. K.\*, E. J. Heist, and C. K. Nielsen. 2006. A genetic analysis of bobcats in the Midwest. 42<sup>nd</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Whittington, IL.
- Rohm, J. E.\*, C. K. Nielsen, and A. Woolf. 2006. Survival and cause-specific mortality of white-tailed deer fawns in southern Illinois. 29<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, Baton Rouge, LA.
- Nielsen, C. K.\*, G. M. Mohr, D. E. Kennedy, and A. Woolf. 2005. Landscape factors influencing bobcat-vehicle accidents in southern Illinois. 12<sup>th</sup> Annual Meeting of The Wildlife Society, Madison, WI.
- McNew, L. B.\*, C. K. Bloomquist, and C. K. Nielsen. 2005. The live-capture and handling of beavers using snares. 66<sup>th</sup> Midwest Fish and Wildlife Conference, Grand Rapids, MI.

LaRue, M. A.\*, M. D. Grund, and C. K. Nielsen. 2005. Using distance sampling to estimate densities of white-tailed deer in Minnesota. 66<sup>th</sup> Midwest Fish and Wildlife Conference, Grand Rapids, MI.

Wilson, S. E., and C. K. Nielsen\*. 2005. Demographic characteristics and capture efficiency of unexploited raccoons in southern Illinois. 66<sup>th</sup> Midwest Fish and Wildlife Conference, Grand Rapids, MI.

Schauber, E. M.\*, D. J. Storm, and C. K. Nielsen. 2005. Contact rates within and among white-tailed deer *Odocoileus virginianus* social groups. 85<sup>th</sup> Annual Meeting of the American Society of Mammalogists, Springfield, MO.

Storm, D. J.\*, C. K. Nielsen, E. M. Schaubert, and A. Woolf. 2005. Potential challenges to deer management in exurban areas. 41<sup>st</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Morton, IL.

Storm, D. J.\*, C. K. Nielsen, E. M. Schaubert, and A. Woolf. 2005. Potential challenges to deer management in exurban areas. 28<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, Shepherdstown, WV.

LaRue, M. A.\*, M. D. Grund, C. K. Nielsen, R. G. Osborn, and B. R. McMillan. 2005. Using distance sampling to estimate deer densities in Minnesota's farmland region. 2005 Annual Meeting of the Minnesota Chapter of The Wildlife Society, Fergus Falls, MN.

Rohm, J. E.\*, C. K. Nielsen, and A. Woolf. 2004. Survival and cause-specific mortality of white-tailed deer fawns in southern Illinois. 65<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Storm, D. J.\*, C. K. Nielsen, E. M. Schaubert, and A. Woolf. 2004. Space-use of white-tailed deer in an exurban landscape. 65<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Wilson, S. E.\*, and C. K. Nielsen. 2004. Habitat characteristics of raccoon daytime resting sites in southern Illinois. 65<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Nielsen, C. K. 2004. Cougars in the Midwest? 65<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.

Nielsen, C. K. 2004. A preliminary assessment of cougar recovery potential in Illinois. 2<sup>nd</sup> Eastern Cougar Conference, Morgantown, WV.

Nielsen, C. K.\*, M. Dowling, K. Miller, and B. Wilson. 2004. The Eastern Cougar Network: using science to assess the status of cougars in eastern North America. 2<sup>nd</sup> Eastern Cougar Conference, Morgantown, WV.

Nielsen, C. K.\*, A. Woolf, and R. D. Bluett. 2004. Monitoring otter recovery in Illinois. 22<sup>nd</sup> Midwest Furbearers Workshop, Utica, IL.

Nielsen, C. K.\*, M. Dowling, K. Miller, and B. Wilson. 2004. The Eastern Cougar Network: using science to assess the status of cougars in eastern North America. 22<sup>nd</sup> Midwest Furbearers Workshop, Utica, IL.

Nielsen, C. K.\*, M. Dowling, K. Miller, and B. Wilson. 2004. The Eastern Cougar Network: using science to assess the status of cougars in eastern North America. 40<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Collinsville, IL.

Nielsen, C. K.\*, R. G. Anderson, and M. D. Grund. 2004. Landscape influences on deer vehicle accidents in an urban environment. 27<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, Lexington, KY.

Nielsen, C. K.\*, and A. Woolf. 2003. Survival of unexploited bobcats in southern Illinois. 64<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.

Nielsen, C. K., and M. E. Eichholz\*. 2003. Terrestrial wildlife in the floodplain corridor. Middle Mississippi River Partnership Workshop and Annual Meeting, Carbondale, IL.

Nielsen, C. K.\*, and R. G. Anderson. 2003. Using science to focus decision making regarding urban deer management. 2<sup>nd</sup> Urban Wildlife Management National Conference, Nebraska City, NE.

Nielsen, C. K.\*, and A. Woolf. 2001. Spatial organization of bobcats in southern Illinois. 63<sup>rd</sup> Midwest Fish and Wildlife Conference, Des Moines, IA.

Nielsen, C. K.\*, and A. Woolf. 2001. Considering landscape physiognomy in studies of habitat use-availability. International Association of Landscape Ecology Conference, Tempe, AZ.

Nielsen, C. K.\*, and A. Woolf. 2000. Bobcat habitat use relative to human dwellings in southern Illinois. The Wildlife Society 7<sup>th</sup> Annual Conference, Nashville, TN.

Woolf, A.\*, and C. K. Nielsen. 2000. Bobcat research and management: have we met the challenge? The Wildlife Society 7<sup>th</sup> Annual Conference, Nashville, TN.

Woolf, A., C. K. Nielsen\*, T. Weber, and T. Gibbs-Kieninger. 2000. Statewide modeling of bobcat habitat in Illinois. 62<sup>nd</sup> Midwest Fish and Wildlife Conference, Minneapolis, MN

Nielsen, C. K.\*, W. F. Porter, and S. J. Nelson. 1999. Quality deer management in a partial enclosure: insight from seven years of research. 22<sup>nd</sup> Annual Meeting of the Southeast Deer Study Group, Fayetteville, AR.

Nielsen, C. K.\*, and A. Woolf. 1998. A comparison of home range estimators to quantify spatial use of bobcats in southern Illinois. 60<sup>th</sup> Midwest Fish and Wildlife Conference, Cincinnati, OH.

Nielsen, C. K.\*, W. F. Porter, and H. B. Underwood. 1997. Modeling population management of urban deer: an innovative approach. 59<sup>th</sup> Midwest Fish and Wildlife Conference, Milwaukee, WI.

Woolf, A.\*, C. K. Nielsen, T. Weber, C. E. Vincent, and M. Woodruff. 1997. Home ranges and survival of bobcats in Illinois. 15<sup>th</sup> Midwest Furbearers Workshop, Carbondale, IL.

Nielsen, C. K.\*, W. F. Porter, and H. B. Underwood. 1996. Feasibility of population management of white-tailed deer in Irondequoit, New York. 58<sup>th</sup> Midwest Fish and Wildlife Conference, Omaha, NE.

Nielsen, C. K.\*, S. J. Nelson, and W. F. Porter. 1996. Emigration of deer from a partial enclosure. 52<sup>nd</sup> Northeast Fish and Wildlife Conference, Farmington, CT.

Nielsen, C. K.\*, W. F. Porter, and H. B. Underwood. 1995. Aerial deer survey for the Town of Irondequoit, New York. 57<sup>th</sup> Midwest Fish and Wildlife Conference, Detroit, MI.

### **C. Poster Presentations at Professional Meetings (n = 127)**



Zieman, E. A., T. Lawson, C. K. Nielsen, and F. A. Jiménez. 2018. Factors affecting *Cytauxzoon felis* parasitemia levels in bobcats (*Lynx rufus*). 70<sup>th</sup> Annual Midwestern Conference of Parasitologists, Charleston, IL.

Zieman, E. A., C. K. Nielsen, and F. A. Jiménez. 2018. Fine-scale evaluation of genetic diversity of *Cytauxzoon felis* in bobcats and domestic cats. Sigma Xi Annual Research Day 2018, Carbondale, IL.

Lawson, T. E., E. A. Zieman, C. K. Nielsen, and F. A. Jiménez. 2018. Factors affecting *Cytauxzoon felis* parasitemia levels in bobcats (*Lynx rufus*). Sigma Xi Annual Research Day 2018, Carbondale, IL.

Phillips, V., E. A. Zieman, C. K. Nielsen, and F. A. Jiménez. 2018. Analysis of land cover types associated with *Cytauxzoon felis* infections in domestic cats. Sigma Xi Annual Research Day 2018, Carbondale, IL.

Leeson, R. E., C. K. Nielsen, E. J. Holzmueller, and D. C. Oliver. 2017. Influence of white-tailed deer on oak regeneration in southern Illinois. 40<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, St. Louis, MO.

Leeson, R. E., C. K. Nielsen, W. J. Banz, and D. C. Oliver. 2017. Comparison of food plot mixtures for attracting white-tailed deer. 40<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, St. Louis, MO.

Pease, B. S., E. J. Holzmueller, and C. K. Nielsen. 2016. Microhabitat use by a mammal community in a central hardwood forest. 23<sup>rd</sup> Annual Meeting of The Wildlife Society, Raleigh, NC.

Leeson, R. E., C. K. Nielsen, E. J. Holzmueller, W. J. Banz, and D. C. Oliver. Interactions between white-tailed deer and vegetation in southern Illinois. 23<sup>rd</sup> Annual Meeting of The Wildlife Society, Raleigh, NC.

Hillard, E. M., C. K. Nielsen, and J. W. Groninger. 2016. Swamp rabbit response to forest structure in bottomland hardwood forests. 23<sup>rd</sup> Annual Meeting of the Wildlife Society, Raleigh, NC.

Hanrahan, A. T., A. U. Rutter, C. K. Nielsen, and E. M. Schaubert. 2016. Space use of river otters under a gradient of land development in southern Illinois. 23<sup>rd</sup> Annual Meeting of the Wildlife Society, Raleigh, NC.

Zieman, E. A., C. K. Nielsen, and F. A. Jiménez. 2016. *Cytauxzoon felis* infections in bobcats, domestic cats, and tick vectors in southern Illinois. 3<sup>rd</sup> Annual SIU Natural Sciences Student Research Symposium, Carbondale, IL.

Lyon, R. J., C. K. Nielsen, and A. Antunes. 2015. Occupancy of terrestrial mammal species of the Madera- Purus Interfluvium Amazonas, Brazil. 3<sup>rd</sup> Annual SIU Natural Sciences Student Research Symposium, Carbondale, IL.

Groninger, J. W., E. M. Hillard, and C. K. Nielsen. 2016. Swamp rabbit response to stand conditions in bottomland hardwood forests. 2016 Society of American Foresters National Convention, Madison, WI.

Vandermark, C., E. Zieman, E. Boyles, C. K. Nielsen, and F. Agustin Jimenez. 2016. *Trypanosoma cruzi* infections in raccoons but not bobcats from southern Illinois. 2016 Undergraduate Creative Activities and Research Forum, Southern Illinois University, Carbondale, IL.

Gastal, G. D. A., A. Hamilton, B. G. Alves, S. G. S. deTarso, J. M. Feugang, W. J. Banz, G. A. Apgar, C. K. Nielsen, and E. L. Gastal. 2016. Ovarian reserve in white-tailed deer: age effect on preantral follicles and stromal cell density. Society for the Study of Reproduction 49<sup>th</sup> Annual Meeting, San Diego, CA.

- Marler, H., D. Adams, D. Chen, and C. Nielsen. 2016. Maternal transfer of flame retardants in four shark species from the Atlantic Ocean. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.
- Leeson, R. E., C. K. Nielsen, W. J. Banz, and D. C. Oliver. 2016. Comparison of food plot mixtures for attracting white-tailed deer. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.
- Hanrahan, A. T., A. U. Rutter, C. K. Nielsen, and E. M. Schaubert. 2016. Spatial ecology of river otters in southern Illinois. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.
- Vanek, J. P., C. K. Nielsen, and E. M. Schaubert. 2016. Ecology of striped skunks in southern Illinois. 52<sup>nd</sup> Annual Meeting of the Illinois Chapter of the Wildlife Society, Makanda, IL.
- Zieman, E. A., C. K. Nielsen, and F. A. Jiménez. 2016. *Cytauxzoon felis* infections in bobcats, domestic cats, and tick vectors in the southern region of Illinois. 13<sup>th</sup> Annual Sigma Xi Poster Competition, Carbondale, IL. Winner, Best Graduate Student Poster.
- Vandermark C., E. A. Zieman, E. Boyles, C. K. Nielsen, and F. A. Jiménez. 2016. *Trypanosoma cruzi* infections in raccoons but not bobcats from southern Illinois. 13<sup>th</sup> Annual Sigma Xi Poster Competition, Carbondale, IL. Winner, Best Undergraduate Student Poster.
- Springer, M. T., C. K. Nielsen, and E. M. Schaubert. 2016. Step selection function for white-tailed deer dispersal in an agricultural landscape. 39<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, Concord, NC.
- Leeson, R. E., C. K. Nielsen, W. J. Banz, and D. C. Oliver. 2016. Comparison of food plot mixtures for attracting white-tailed deer. 39<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, Concord, NC.
- Leeson, R. E., C. K. Nielsen, E. J. Holzmueller, and D. C. Oliver. 2016. Influence of white-tailed deer on oak and hickory regeneration in southern Illinois. 39<sup>th</sup> Annual Meeting of the Southeast Deer Study Group, Concord, NC.
- Pease, B., E. Holzmueller, and C. Nielsen. 2015. Mammalian community composition in southern Illinois hardwood forests. 2<sup>nd</sup> Annual SIU Center for Ecology Natural Sciences Student Research Symposium, Carbondale, IL.
- Fort, J. L., C. K. Nielsen, A. Carver, and R. Moreno. 2015. Community characteristics of mammals in isolated versus continuous habitats in Panama. 2<sup>nd</sup> Annual SIU Center for Ecology Natural Sciences Student Research Symposium, Carbondale, IL.
- Pease, B., E. Holzmueller, and C. Nielsen. 2015. Mammalian community composition in southern Illinois hardwood forests. 42<sup>nd</sup> Annual Natural Areas Conference, Little Rock, AR.
- Koen, E. L., M. I. Tosa, C. K. Nielsen, and E. M. Schaubert. 2015. Landscape-generated “super-spreaders”: How habitat composition and connectivity shape deer social networks. 100<sup>th</sup> Ecological Society of America Annual Meeting, Baltimore, MD.
- Matthew, T., E. Zieman, A. Jimenez, and C. Nielsen. 2015. *Mycoplasma haemofelis* in bobcats of southern Illinois. 3<sup>rd</sup> Colloquium for Undergraduate Research in Ecology, Southern Illinois University, Carbondale, IL.

- Meats, J. M., M. T. Springer, and C. K. Nielsen. 2015. Use of capsaicin as a deer deterrent on soybeans. 51<sup>st</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Champaign, IL.
- Fogler, W. L., M. T. Springer, and C. K. Nielsen. 2015. Comparison of four baits for attracting white-tailed deer during the rut in southern Illinois. SIUC Undergraduate Creativity and Research Symposium, Carbondale, IL.
- Meats, J. M., M. T. Springer, and C. K. Nielsen. 2015. Use of capsaicin as a deer deterrent on soybeans. SIUC Undergraduate Creativity and Research Symposium, Carbondale, IL. Winner of second prize in poster competition.
- Fogler, W. L., M. T. Springer, and C. K. Nielsen. 2015. Comparison of four baits for attracting white-tailed deer during the rut in southern Illinois. 38<sup>th</sup> Southeast Deer Study Group Meeting, Little Rock, AR.
- Meats, J. M., M. T. Springer, and C. K. Nielsen. 2015. Use of capsaicin as a deer deterrent on soybeans. 38<sup>th</sup> Southeast Deer Study Group Meeting, Little Rock, AR.
- Brockman, J. C., C. K. Nielsen, and J. W. Walk. 2015. Habitat selection and habituation of reintroduced bison in northern Illinois. 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.
- Hillard, E. M., C. K. Nielsen, and J. W. Groninger. 2015. Effects of silvicultural treatments on swamp rabbit occupancy in bottomland hardwood forests. 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.
- Shew, J. J., J. van der Merwe, B. K. Caldwell, C. K. Nielsen, E. M. Schaubert, and D. W. Sparling. 2015. Predictors of nest aggression in red-winged blackbirds. 75<sup>th</sup> Midwest Fish and Wildlife Conference, Indianapolis, IN.
- Armit, L. R. L. Atkinson, M. T. Springer, and C. K. Nielsen. 2014. Utilization of dual-purpose food plots for wildlife and cattle grazing. Spring Symposium and Research conference in STEM, Chicago, IL.
- Fort, J. L., C. K. Nielsen, A. Carver, and R. Moreno. 2014. Community characteristics of mammals in isolated versus continuous habitats in Panama. 21<sup>st</sup> Annual Meeting of The Wildlife Society, Pittsburgh, PA.
- Neiles, B. Y., D. W. Sparling, and C. K. Nielsen. 2014. Avian and predator use of CP33 field buffers in southern Illinois. 21<sup>st</sup> Annual Meeting of The Wildlife Society, Pittsburgh, PA.
- Jooste, E., C. K. Nielsen, and D. Chen. 2014. Trophic transfer of halogenated flame retardants in a terrestrial predator-prey food chain. 21<sup>st</sup> Annual Meeting of the Wildlife Society, Pittsburgh, PA.
- Fort, J. L., C. K. Nielsen, A. Carver, and R. Moreno. 2014. Community characteristics of mammals in isolated versus continuous habitats in Panama. 1<sup>st</sup> Annual SIU Center for Ecology Natural Sciences Student Research Symposium, Carbondale, IL.
- Neiles, B. Y., D. W. Sparling, and C. K. Nielsen. 2014. Avian use of CP33 habitat buffers in southern Illinois. 132<sup>nd</sup> Meeting of the American Ornithologists' Union, Estes Park, CO.
- Jackson, A. M., E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2014. Multi-season occupancy of river otters and co-occurrence of semi-aquatic furbearers in Illinois. 99<sup>th</sup> Ecological Society of America Annual Meeting, Sacramento, CA.

- Springer, M. T., C. K. Nielsen, and E. M. Schaubert. 2014. Comparison of two least-cost path modeling methods for predicting external home range movements of white-tailed deer in a fragmented agricultural landscape. 99<sup>th</sup> Ecological Society of America Annual Meeting, Sacramento, CA.
- Quiroz, D., B. Neiles, A. Jackson, and C. Nielsen. 2014. Relationships between mesocarnivores, impacts on grassland birds, and landscape metrics in an agricultural landscape. 2<sup>nd</sup> Colloquium for Undergraduate Research in Ecology, Southern Illinois University, Carbondale, IL.
- Kirkpatrick, K. J., R. G. Tebo, and C. K. Nielsen. 2014. Assessing invertebrate community diversity in fire-managed versus unmanaged grasslands in southern Illinois. SIUC Undergraduate Research Forum, Carbondale, IL.
- Schwarzinger, M., E. Ziemann, C. K. Nielsen, and F. A. Jimenez. 2014. Pathological effects of *Cytauxzoon felis* in the bobcat, *Lynx rufus*. SIUC Undergraduate Research Forum, Carbondale, IL.
- Pfaff, M., A. Anderson, J. Crawford, and C. Nielsen. 2014. Comparing nest site characteristics for southern Illinois lagomorphs. SIUC Undergraduate Research Forum, Carbondale, IL.
- Jooste, E., Z. Chen, C. K. Nielsen, and D. Chen. 2014. Bobcats as biological indicators for halogenated flame retardants. Society of Ecological Toxicology and Chemistry North America 34<sup>th</sup> Annual Meeting, Nashville, TN.
- Springer, M. T., C. K. Nielsen, and E. M. Schaubert. 2014. Expert opinion models do not accurately predict actual movement paths of deer in an agricultural landscape. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Feltrop, P. D., C. K. Nielsen, E. M. Schaubert, and G. W. Whitley. 2014. Using stable isotopes to determine the role of bigheaded carps on the trophic position of river otters in Illinois. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Pfaff, M., M. I. Tosa, M. T. Springer, E. M. Schaubert, and C. K. Nielsen. 2014. Impact of deer bait sites on *Peromyscus* in southern Illinois. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Neiles, B. Y., D. W. Sparling, and C.K. Nielsen. 2014. Avian and predator use of CP33 field buffers in southern Illinois. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Zhang, W., C. K. Nielsen, and K. W. Cassel. 2014. Habitat factors affecting potential presence of mesocarnivores in the Chicago Metropolitan Area. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Berkman, L. K., J. Eichelberger, C. K. Nielsen, and E. J. Heist. 2014. Northern populations of swamp rabbits receive little immigration: a cause for conservation concern. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Cassel, K. W., C. K. Nielsen, T. S. Preuss, and G. A. Glowacki. 2014. Local- and landscape-scale factors influencing site-occupancy of mesocarnivores in an urban environment. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Crawford, J. C., K. S. Delahunt, C. K. Nielsen, J. van der Merwe, A. K. Jackson, and M. T. Springer. 2014. GRASS: bringing wildlife ecologists into the classroom. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.

- Crawford, J.C., E.M. Schauber, and C.K. Nielsen. 2014. Swamp rabbit habitat use in early successional bottomland hardwood forests in southern Illinois. 74<sup>th</sup> Midwest Fish and Wildlife Conference, Kansas City, MO.
- Nielsen, C. K. 2013. Convergence ecology: research experience for undergraduates in ecological diversity across systems and disciplines. 2013 Council on Undergraduate Research - Research Experiences for Undergraduate Students Scholarships Conference, Arlington, VA.
- Fort, J. L., C. K. Nielsen, and A. D. Carver. 2013. Community characteristics of mammals in isolated versus continuous rainforest habitats in Panama. 1<sup>st</sup> Annual Fall Festival, College of Agricultural Sciences, SIUC.
- Springer, M. T., C. K. Nielsen, and E. M. Schauber. 2013. Use of discrete choice modeling to predict least-cost paths of white-tailed deer in an agricultural landscape. 1<sup>st</sup> Annual Fall Festival, College of Agricultural Sciences, SIUC.
- Crawford, J. C., L. K. Berkman, C. M. Jordan, and C. K. Nielsen. 2013. Space use and dietary overlap of swamp rabbits and eastern cottontails in bottomland hardwood forests of southern Illinois. 1<sup>st</sup> Annual Fall Festival, College of Agricultural Sciences, SIUC.
- Hayes, S. J., E. J. Holzmüller, and C. K. Nielsen. 2013. Effect of invasive species on small mammals in southern Illinois. 1<sup>st</sup> Annual Fall Festival, College of Agricultural Sciences, SIUC.
- Pfaff, M. A., M. T. Springer, and C. K. Nielsen. 2013. Bait preference of white-tailed deer in central Illinois. 1<sup>st</sup> Annual Fall Festival, College of Agricultural Sciences, SIUC.
- Tosa, M. I., E. M. Schauber, and C. K. Nielsen. 2013. Impact of localized removal on white-tailed deer behavior. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Mujica, M. N., A. J. Giordano, and C. K. Nielsen. 2013. Habitat factors affecting occupancy and detection of mammals in the Paraguayan Chaco. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Crawford, J. C., L. K. Berkman, C. M. Jordan, and C. K. Nielsen. 2013. Spatial use and dietary overlap of swamp rabbits and eastern cottontails in bottomland hardwood forests of southern Illinois. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Bottom C. R., R. G. Tebo, and C. K. Nielsen. 2013. Spatial interactions among mesocarnivores and wild turkeys in southern Illinois. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Tebo R. G., C. R. Bottom, C. K. Nielsen, and J.R. Nawrot. 2013. Foraging and travel success of wild turkey poults in fire managed and unmanaged grasslands in southern Illinois. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Fort, J. L., C. K. Nielsen, and A. D. Carver. 2013. Community characteristics of mammals in isolated versus continuous rainforest habitats in Panamá. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.
- Shew, J. J., D. W. Sparling, and C. K. Nielsen. 2013. Avian response to mid-contract management on brome and native grass Conservation Reserve Program fields in Illinois. 20<sup>th</sup> Annual Meeting of The Wildlife Society, Milwaukee, WI.

- Crawford, J. C., L. Hillard, C. K. Nielsen, and J. W. Groninger. 2013. Wildlife as indicators of optimal scale for bottomland forest management. Society of American Foresters 2013 National Convention, Charleston, SC.
- Hayes, S. J., E. J. Holzmüller, and C. K. Nielsen. 2013. Effect of invasive species on small mammals in southern Illinois. Society of American Foresters 2013 National Convention, Charleston, SC.
- Jordan, C. M., J. C. Crawford, L. K. Berkman, and C.K. Nielsen. 2013. You are what you eat: using stable isotopes to determine differences in diets of rabbits in southern Illinois. SIUC Undergraduate Research Forum, Carbondale, IL.
- Tebo, R. T., C. R. Bottom, C. K. Nielsen, and J. R. Nawrot. 2012. Wild turkey and predator response to grassland fire management in southern Illinois. 73<sup>rd</sup> Midwest Fish and Wildlife Conference, Wichita, KS.
- Cassel, K. W., C. K. Nielsen, T. S. Preuss, and G. A. Glowacki. 2012. Trends in abundance and diversity in small mammals in forest preserves of Lake County, Illinois. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Jackson, A. M., E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2012. Factors influencing occupancy by aquatic furbearers in southern Illinois: year one. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Swan, J. L., A. D. Carver, N. J. Correa, and C. K. Nielsen. 2012. Population and community characteristics of wildlife rescued during the expansion of the Panama Canal. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Crawford, J. C., H. Dhanwatey, L. A. S. Abade, P. Dhanwatey, C. K. Nielsen, and C. Sillero-Zubri. 2012. Large carnivore attacks on humans in central India: a case study from the Tadoba-Andhari Tiger Reserve. 19<sup>th</sup> Annual Meeting of The Wildlife Society, Portland, OR.
- Jackson, A. M., E. C. Hellgren, C. K. Nielsen, and E. M. Schaubert. 2012. Watershed occupancy by aquatic mammals in southern Illinois. Illinois Water Conference 2012, Champaign, IL.
- Crawford, J. C., C. K. Nielsen, and E. M. Schaubert. 2012. Survival and home range of lagomorphs in bottomland hardwood forests of southern Illinois. American Society of Mammalogists 91<sup>st</sup> Annual Conference, Reno, NV.
- Crawford, J. C., H. Dhanwatey, L. A. S. Abade, P. Dhanwatey, C. K. Nielsen, and C. Sillero-Zubri. 2012. Large carnivore attacks on humans in central India: a case study from the Tadoba-Andhari Tiger Reserve. American Society of Mammalogists 91<sup>st</sup> Annual Conference, Reno, NV.
- Pfaff, M. A., M. T. Springer, and C. K. Nielsen. 2012. Bait preference of white-tailed deer (*Odocoileus virginianus*) in central Illinois. Undergraduate Research Forum, Southern Illinois University, Carbondale, IL.
- May, N., S. Hiestand, F. A. Jimenez, and C. Nielsen. 2012. Prevalence and intensity of parasites in southern Illinois bobcats. Undergraduate Research Forum, Southern Illinois University, Carbondale, IL.
- Pfaff, M. A., M. T. Springer, and C. K. Nielsen. 2012. Bait preference of white-tailed deer in central Illinois. Saint Louis Area Undergraduate Research Symposium, Saint Louis, MO.
- Cassel, K. W., C. K. Nielsen, G. A. Glowacki, and T. S. Preuss. 2012. Biodiversity trends assessment of Chicago Wilderness: Lake County, Illinois. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.

Tebo, R. T., C. K. Nielsen, J. R. Nawrot, and C. Ruffner. 2012. Eastern wild turkey nest site and habitat selection in response to grassland fire management in southern Illinois. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of The Wildlife Society, Makanda, IL.

Crego, R. D., J. C. Crawford, C. K. Bloomquist, C. K. Nielsen, R. P. Havens, and T. A. Nelson. 2011. Movement patterns around dens in two Illinois beaver populations. 72<sup>nd</sup> Midwest Fish and Wildlife Conference, Des Moines, IA.

Swan, J. L., A. D. Carver, N. J. Correa, and C. K. Nielsen. 2011. Population and community characteristics of wildlife rescued during the expansion of the Panama Canal. 25<sup>th</sup> International Congress for Conservation Biology, Auckland, NZ.

Nielsen, C. K. 2011. The potential for cougar recolonization of Midwestern North America. 25<sup>th</sup> International Congress for Conservation Biology, Auckland, NZ.

Crego, R. D., C. K. Nielsen, and K. Didier. 2011. A project to model the distribution of wet meadows in arid and semi-arid Patagonia, Argentina: assessing current distribution and predicting response to climate change. 2011 Conference and Annual Meeting of the Organization of Fish and Wildlife Information Managers, St. Louis, MO.

Harris, J. M., C. M. Ruffner, M. D. Therrell, and C. K. Nielsen. 2011. Dendrochronological determination of historical fire occurrence and recruitment in a southern Illinois oak-hickory Forest. 4<sup>th</sup> Annual Fire in Eastern Oak Forests Conference, Springfield, MO.

Anderson, M. M., B. B. Thureau, K. J. Teal, A. D. Carver, and C. K. Nielsen. 2010. Two-ton toothy: victim or villain? U.S. expatriate newspaper coverage of the American crocodile in Panama. St. Louis Area Undergraduate Research Symposium, Carbondale, IL.

Anderson, C. W., C. K. Nielsen, and E. M. Schaubert. 2010. Ecology of white-tailed deer in an agricultural landscape: Insight from 5 years of research. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.

Nielsen, C. K., A. D. Carver, and N. J. Correa. 2010. Wildlife conservation in Panama: integrating research, education, and technology transfer. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.

Beadles, B. K., K. J. Teal, M. M. Anderson, A. D. Carver, and C. K. Nielsen. 2010. Two-ton toothy: U.S. expatriate media representations of the American crocodile in Panama. 17<sup>th</sup> Annual Meeting of The Wildlife Society, Snowbird, UT.

Berkman, L. K., C. K. Nielsen, and C. L. Roy. 2010. Swamp rabbit (*Sylvilagus aquaticus*) gene flow through floodplain forests. 90<sup>th</sup> Annual Meeting of the American Society of Mammalogists, Laramie, WY.

Bogosian, V., C. K. Bloomquist, and C. K. Nielsen. 2009. Spatio-temporal interactions and colony overlap of unexploited beavers in southern Illinois. 70<sup>th</sup> Midwest Fish and Wildlife Conference, Springfield, IL.

Heneaux, V., L. A. Powell, K. A. Hobson, C. K. Nielsen, and M. A. LaRue. 2009. Tracking cougars in Midwestern North America: clues in claw isotope ratios. Carnivores 2009, Denver, CO.

Borrego, C. S., C. K. Nielsen, and J. M. Kolowski. 2009. Occupancy and detection of sympatric jaguar and puma in a ranching landscape in Sonora, Mexico. *Carnivores 2009*, Denver, CO.

Anderson, C. W., C. K. Nielsen, C. M. Hester, R. D. Hubbard, J. K. Stroud, and E. M. Schaubert. 2009. Comparison of two distance sampling techniques for estimating deer density. 16<sup>th</sup> Annual Meeting of The Wildlife Society, Monterrey, CA.

Bogosian, V., C. K. Bloomquist, and C. K. Nielsen 2009. Spatio-temporal interactions and colony overlap of unexploited beavers in southern Illinois. 16<sup>th</sup> Annual Meeting of The Wildlife Society, Monterrey, CA.

Urbanek, R. E., and C. K. Nielsen. 2008. White-tailed deer herbivory on herbaceous restorations and identification of indicator forb species in suburban forest preserves. 15<sup>th</sup> Annual Meeting of The Wildlife Society, Miami, FL.

Lesmeister, D. B., C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. 2008. Multi-species occupancy and detection of sympatric mesocarnivores in southern Illinois. 15<sup>th</sup> Annual Meeting of The Wildlife Society, Miami, FL.

Berkman, L. K., C. K. Nielsen, and C. L. Roy. 2008. Landscape genetics of bobwhite quail and swamp rabbits. 15<sup>th</sup> Annual Meeting of The Wildlife Society, Miami, FL.

Lesmeister, D. B., C. K. Nielsen, E. M. Schaubert, and E. C. Hellgren. 2008. Multi-species occupancy and detection of sympatric mesocarnivores in southern Illinois. American Society of Mammalogists 88<sup>th</sup> Annual Meeting, Brookings, SD.

Nielsen, C., M. Dowling, K. Miller, R. Wilson, H. Shaw, C. Anderson, and S. Wilson. 2008. Research and educational efforts by the Cougar Network. 9<sup>th</sup> Mountain Lion Workshop, Sun Valley, ID.

Crawford, J., Z. Liu, T. Nelson, C. Nielsen, and C. Bloomquist. 2007. Genetic analysis of mating and kinship in the beaver. 68<sup>th</sup> Midwest Fish and Wildlife Conference, Madison, WI.

Conlee, M. F., C. K. Nielsen, and E. M. Schaubert. 2007. Impacts of Illinois outfitters on white-tailed deer and wild turkey populations. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

Hester, C., J. K. Stroud, C. K. Nielsen, and N. Svoboda. 2007. Development of a comprehensive management plan for white-tailed deer, *Waáwaáshkešh*, in the Northern Lower Peninsula of Michigan. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

Hubbard, R. D., and C. K. Nielsen. 2007. Deer overabundance on a college campus: a case study at Southern Illinois University Carbondale. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

Nielsen, C. K., C. W. Anderson, and A. Woolf. 2007. Landscape influence on space-use of bobcats in a spatially-heterogeneous landscape. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

Scharine, P. D., C. K. Nielsen, E. M. Schaubert, and L. Rubert. 2007. Using artificial latrine logs to survey swamp rabbits in early-successional habitats. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.

Cooper, S. E., P. T. McDonald, C. K. Nielsen, and R. D. Bluett. 2007. Population trends and habitat affiliations of sympatric Illinois carnivores, 1992-2005. 14<sup>th</sup> Annual Meeting of The Wildlife Society, Tucson, AZ.



Croteau, E. K., E. J. Heist, and C. K. Nielsen. 2007. Genetic diversity and recent gene flow among bobcat populations in North America: conservation implications for a widely-distributed felid. 3<sup>rd</sup> International Conservation Genetics Symposium, New York, NY.

Carver, A. D., N. J. Correa, B. K. Thureau, C. K. Nielsen, and E. M. Schaubert. 2007. Documenting mammal diversity in the rural/urban interface of Panama City, Panama. Second International Conference: Emerging Issues Along Urban/Rural Interfaces II, Atlanta, GA.

Cole, B. A., D. W. Sparling, C. K. Nielsen, and J. L. Roseberry. 2005. Economically feasible landscape management techniques to increase bobwhite quail. 59<sup>th</sup> Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, St. Louis, MO.

Wilson, S. E., and C. K. Nielsen. 2005. Habitat characteristics of raccoon daytime resting sites in southern Illinois. 12<sup>th</sup> Annual Meeting of The Wildlife Society, Madison, WI.

Storm, D. J., C. K. Nielsen, and E. M. Schaubert. 2005. Deer space use relative to human dwellings and roads in southern Illinois. 12<sup>th</sup> Annual Meeting of The Wildlife Society, Madison, WI.

Cole, B. A., D. W. Sparling, J. L. Roseberry, and C. K. Nielsen. 2005. Evaluating the potential for CRP to improve bobwhite habitat in Wayne County, Illinois. 11<sup>th</sup> Annual Southeast Quail Study Group Meeting, Gilbertsville, KY.

Nielsen, C. K., M. Dowling, K. Miller, and B. Wilson. 2005. Recent cougar confirmations in the Midwest as documented by the Cougar Network. 8<sup>th</sup> Mountain Lion Conference, Leavenworth, WA.

Nielsen, C. K., and A. Woolf. 2001. Habitat-population density relationship for bobcats in southern Illinois. 8<sup>th</sup> Annual Meeting of The Wildlife Society, Reno, NV.

**D. Other Oral Presentations/Guest Lectures** (n = 83; presenter w/asterisk unless 1 author)

Nielsen, C. K. 2015. Cougars in the Midwest: ecology and policy. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.

Nielsen, C. K. 2014. Predator conservation and control. Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.

Nielsen, C. K. 2014. Selected topics in deer ecology and management. Gastal laboratory group meeting at SIUC, Carbondale, IL.

Nielsen, C. K. 2014. Critter cams. 2<sup>nd</sup> Annual Fall Festival, College of Agricultural Sciences, SIUC, Carbondale, IL.

Nielsen, C. K. 2013. What is a wildlife ecologist? Conservation Biology and Natural Resources Management class at Carbondale Community High School, Carbondale, IL.

Nielsen, C. K. 2013. Endangered species management and policy. Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.

Nielsen, C. K. 2013. Large carnivores in Illinois. 1<sup>st</sup> Annual Fall Festival, College of Agricultural Sciences, SIUC, Carbondale, IL.

Nielsen, C. K. 2013. Wildlife capture and tracking techniques. Introduction to Forestry class (FOR 100) at SIUC, Carbondale, IL.

Nielsen, C. K. 2013. Aging deer using tooth wear and development. 2013 Soil judging – Future Farmers of America at SIUC, Carbondale, IL.

Nielsen, C. K. 2013. The challenge of carnivore conservation. Applied Environmental Resources and Policy class (ERP 598) at SIUC, Carbondale, IL.

Nielsen, C. K. 2013. International wildlife research: using science to inform conservation decisions. Saluki Science Ambassadors at SIUC, Carbondale, IL.

Nielsen, C. K. 2013. Cougars in the Midwest: ecology and policy. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.

Nielsen, C. K. 2013. Ecology and management of urban white-tailed deer. Game Mammals class (ZOOL 463) at SIUC, Carbondale, IL.

Nielsen, C. K. 2012. Recolonization of the Midwestern United States by large carnivores: habitat suitability and human dimensions. SIUC Student Chapter of The Wildlife Society, Carbondale, IL.

Nielsen, C. K. 2012. What is a wildlife ecologist? Introduction to Forestry class (FOR 100) at SIUC, Carbondale, IL.

Nielsen, C. K. 2012. Conflicts between humans and large carnivores: jaguars in Mexico and tigers in India. Natural Resource Conflict Management class (FOR 480) at SIUC, Carbondale, IL.

Nielsen, C. K. 2012. Are conditions favorable for cougar recolonization of the Midwest? North Lakeland Discovery Center, Manitowish Waters, WI.

Nielsen, C. K. 2012. Recolonization of the Midwestern United States by large carnivores: habitat suitability and human dimensions. McHenry County Conservation District, Richmond, IL.

Urbanek, R. E.\* and C. K. Nielsen 2012. Ecological and societal impacts of suburban white-tailed deer in the Chicago Metropolitan Area. McHenry County Conservation District, Richmond, IL.

Nielsen, C. K. 2012. My life as an editor. Zoological Literature class (ZOOL 581) at SIUC, Carbondale, IL.

Nielsen, C. K. 2012. Wildlife in wilderness. Wilderness Management Policy and Ethics class (FOR 470) at SIUC, Carbondale, IL.

Nielsen, C. K. 2012. Cougars in the Midwest: ecology and policy. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.

Nielsen, C. K. 2012. Deer-human interactions. Conservation Biology class, Carbondale Community High School, Carbondale, IL.

Nielsen, C. K. 2011. Conflicts between humans and large carnivores: jaguars in Mexico and tigers in India. Natural Resource Conflict Management class (FOR 480) at SIUC, Carbondale, IL.

Nielsen, C. K. 2011. Tropical rainforest ecology and conservation. Introduction to Agriculture, Food, and Forestry class (AGRI 101) at SIUC, Carbondale, IL.

- Nielsen, C. K. 2011. Conflicts between humans and large carnivores: jaguars in Mexico and tigers in India. College of Agricultural Sciences doctoral seminar (AGSC 581) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2011. Animal capture. Introduction to Forestry class (FOR 100) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2011. Cougars in the Midwest: ecology and policy. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2011. From Argentina to India: international wildlife and habitat research. Graduate Forestry Seminar (FOR 501) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2011. Animal necropsy. Wildlife Diseases class (ZOOL 530) at SIUC, Carbondale, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. Ecology of wild turkeys in a diverse Midwestern landscape. Illinois Department of Natural Resources, Springfield, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. Wild turkey ecology, restoration and management in Illinois. Carlyle High School, Carlyle, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. A career working with wildlife and our natural resources. Carlyle High School, Carlyle, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. Nesting ecology, survival, and home range of wild turkeys in a diverse Midwestern landscape. Ecology class (ZOOL 300) at SIUC, Carbondale, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. Survival and dispersal of wild turkeys in a diverse Midwestern landscape. SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2010. Wild turkey ecology and mine land reclamation benefits for wildlife. Ornithology class (ZOOL 467) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2010. Impacts of Illinois outfitters on white-tailed deer and wild turkey populations. Forest Resources Economics class (FOR 411) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2010. Working with wildlife and habitats. Introduction to Forestry class (FOR 100) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2010. What is a wildlife ecologist? SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2010. Potential habitat and dispersal corridors for cougars in the Midwest. Forest Ecosystems class (FOR 331) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2010. Wildlife in wilderness. Wilderness Management Policy and Ethics class (FOR 470) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2010. Carnivores in western forests. Regional Silviculture class (FOR 311) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2010. Cougars in the Midwest: ecology and policy. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2009. Wild turkey nesting ecology in an agriculturally

- dominated Midwest landscape. SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Delahunt, K. S.\*, and C. K. Nielsen. 2009. Wildlife telemetry, triangulation, and radio transmitters for wildlife. Wildlife Techniques class (ZOOL 469) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. What is a wildlife ecologist? SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2009. Cougars in the Midwest: potential habitat, population viability, and human dimensions. Introduction to Forestry class (FOR 100) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. Succession. Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. Habitat selection. Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. Expanding wildlife populations and implications for management. Forestry Departmental Seminar at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. Animal necropsy. Wildlife Diseases class (ZOOL 530) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. Cougars in the Midwest: ecology and policy. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. Wildlife in wilderness. Wilderness Management Policy and Ethics class (FOR 470) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2009. The Wildlife Society. SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2008. So you're thinking about graduate school? SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2008. Human attitudes and values towards wildlife. Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2008. Ecology and management of urban white-tailed deer. Game Mammals class (ZOOL 463) at SIUC, Carbondale, IL.
- Delahunt, K. S.\*, J. R. Nawrot, and C. K. Nielsen. 2008. Wildlife telemetry and triangulation. SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2008. Urban deer management: a policy nightmare? Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2007. Preparing for graduate school. SIUC Student Chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2007. Urban deer management: a policy nightmare? Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2007. Rabies. Wildlife Diseases class (ZOOL 530) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2007. Animal necropsy. Wildlife Diseases class (ZOOL 530) at SIUC, Carbondale, IL.

- Nielsen, C. K. 2006. Urban deer management: a policy nightmare? Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2005. Predator conservation and control. Principles of Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2005. Urban deer management. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2005. Animal necropsy. Wildlife Diseases class (ZOOL 530) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. Animal capture and handling. Wildlife Techniques class (ZOOL 469) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. Habitat evaluation procedures and habitat suitability models. Wildlife Techniques class (ZOOL 469) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. Reproduction and age structure. Principles of Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. Habitat and succession. Principles of Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. Habitat selection. Principles of Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. A preliminary assessment of cougar recovery potential in Illinois. SIUC Chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2004. Urban deer management. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. Applications of remote sensing and bioinformatics. SIUC chapter of The Wildlife Society, Carbondale, IL.
- Nielsen, C. K. 2003. Habitat and succession. Principles of Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2003. Forage and habitat selection. Principles of Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2003. Urban deer management. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2003. Bobcat-habitat relationships in southern Illinois. Department of Zoology at SIUC, Carbondale, IL.
- Nielsen, C. K., and A. Woolf. 2002. Urban deer management: a resource management dilemma. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2001. Bobcat research in Illinois. SIUC Chapter of The Wildlife Society, Carbondale, IL.

Nielsen, C. K. 2001. Wildlife capture and immobilization. Wildlife Techniques class (ZOOL 469) at SIUC, Carbondale, IL.

Nielsen, C. K. 1999. Urban wildlife management. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.

## VIII. TEACHING EXPERIENCE

### A. Undergraduate specializations developed

Wildlife Habitat Management and Conservation – I developed this new undergraduate specialization in the Forestry major at SIUC (1 of 5 total specializations in Forestry) during 2011-12

### B. Courses taught as Instructor of Record at SIUC

Forestry 405, Forest Management for Wildlife, Fall 2009-present  
 Forestry 451, Natural Resources Inventory, Spring 2010-present  
 Forestry 494 A, C, Tropical Rainforest Conservation: Wildlife Habitat and Ecology Field Course (Study Abroad course taught in Panama), Spring 2010-present  
 Forestry 500, Principles of Research, Spring 2011-12  
 Forestry 551, Wildlife-habitat Relationships, Spring 2013-present  
 Zoology 312i, Conservation of Natural Resources, Fall 2005

### C. Courses taught as Contributor at SIUC

Forestry 100, Introduction to Forestry, Fall 2009-present  
 Forestry 351C, Forest Resource Summer Camp, Summer 2010-present  
 Forestry 381, Senior Seminar, Fall 2009-present  
 Forestry 422C, Park and Wildlands Management Summer Camp, Summer 2010-present  
 Zoology 588, Seminar in Urban Wildlife Ecology and Management, Fall 1998, SIUC

### D. Summary of Instructor Evaluations from Students (shown are mean scores for ICE Q. 1-20)

Course	2005	2009	2010	2011	2012	2013	2014
ZOOL 312i	4.08 <sup>a</sup>	---	---	---	---	---	---
FOR 405	---	4.49	4.58	4.69	4.75	4.25 <sup>b</sup>	4.36 <sup>b</sup>
FOR 451	---	---	4.65	4.54	4.53	---	4.62
FOR 494A,C	---	---	4.42	4.70	---	4.88	---
FOR 500	---	---	---	4.44	4.54	---	--
FOR 551	---	---	---	---	---	3.88	---

Course	2015	2016	2017	2018
FOR 405	--- <sup>c</sup>	4.58	4.71	
FOR 451	4.59 <sup>b</sup>	--- <sup>c</sup>	4.76	4.73

<sup>a</sup>5-point scale: 5=Excellent, 4=Very good, 3=Good, 2=Weak, 1=Improvement definitely needed

<sup>b</sup>Course co-taught by Ph.D. students or post-doctoral fellows

<sup>c</sup>Did not teach due to sabbatical.

## IX. STUDENT AND PROFESSIONAL MENTORING

### A. Graduate Committee Member (all at SIUC unless stated otherwise)

#### M.S. (n = 30)

Simon Bade (M.S. Zoology, 2011), Jess Gaffney Clark (M.S. Geography and Environmental Resources, 2006), Scott Cooney (M.S. Zoology, 2013), Ian Cumpston (M.S. Forestry, 2006), Justin Dodson (M.S. Forestry, 2007), Jennifer Dzimielia (M.S. Zoology, 2005), Chris Greene (M.S. Zoology, 2003), Damon Haan (M.S. Zoology, 2011), Leah Harper (M.S. Forestry, in progress), Jeffrey Harris (M.S. Forestry,

2011), Patrick Harris (M.S. Plant Biology, 2014), Luke Hawk (M.S. Zoology, in progress), Stephanie Hayes (M.S. Forestry, 2013), Ely Lane (M.S. Forestry, 2016) Pat McDonald (M.S. Geography and Environmental Resources, 2006), Cydney Meadows (M.S. Zoology, 2011), Joe Mortimer (M.S. Department of Agricultural Systems, 2007), Hailey Moss (M.S. Forestry, 2011), Brent Pease (M.S. Forestry, 2017), Saleen Richter (M.S. Zoology, 2005), Lyann Rubert (M.S. Zoology, 2007), Chris Robinson (M.S. Zoology, 2013), Matt Rustand (M.S. Zoology, 2009), Nate Svoboda (M.S. Biology, Central Michigan University, 2008), Marie Tosa (M.S. Zoology, 2015), Angela Watland (M.S. Zoology, 2004), Clare Whittaker (M.S. Zoology, 2010), Alex Wolf (M.S. Zoology, 2012), Shuangying Yu (M.S. Zoology, 2009)

**Ph.D. (n = 14)** (all at SIUC unless stated otherwise)

Stephanie Bland (Ph.D. Ag Sciences, 2016), Vic Bogosian (Ph.D. Zoology, 2010), Steve Fadden (Ph.D. Ag Sciences, in progress), Kalli Doubleday (Ph.D. Geography and the Environment, University of Texas at Austin, 2018), Alexander Glass (Ph.D. Zoology, in progress), Aaron Gooley (Ph.D. Zoology, in progress), Rob Hopkins (Ph.D. Zoology, 2009), Lene Kjaer (Ph.D. Zoology, 2010), Xian Liu (Ph.D. Environmental Resources and Policy, in progress), Ryan O'Shaughnessy (Ph.D. Zoology, 2014), Wesley Petty (Ph.D. Environmental Resources and Policy, in progress), Chihiro Shibata (Ph.D. Anthropology, in progress), Doug Osborne (Ph.D. Zoology, 2010), John Vanek (Ph.D. Biology, Northern Illinois University, in progress)

**B. Evaluator of doctoral dissertations at other universities**

<b>Name</b>	<b>Ph.D. Dissertation Title</b>
Erin McCance	<i>Understanding urban white-tailed deer movement and related social and ecological considerations for management</i> , University of Manitoba

**C. Students who have completed their M.S. under my direction (n = 30)**

<b>Name</b>	<b>M.S. Thesis Title</b>
Shona Wilson	<i>Demographic characteristics and habitat use of unexploited raccoons in southern Illinois</i> . M.S., Zoology, SIUC, 2005. Currently employed as a wildlife biologist with the Oregon Department of Fish and Wildlife.
John Rohm	<i>Survival of white-tailed deer fawns in southern Illinois</i> . M.S., Zoology, SIUC, 2005. Currently employed as a wildlife biologist with the Virginia Department of Game and Inland Fisheries.
Dan Storm	<i>White-tailed deer ecology and deer-human conflict in an exurban landscape</i> . M.S., Zoology, SIUC, 2005. Received Ph.D. at University of Wisconsin-Madison. Currently employed as an ungulate research scientist with the Wisconsin Department of Natural Resources.
Craig Bloomquist	<i>Demographic characteristics and spatial organization of unexploited beavers in southern Illinois</i> . M.S. Zoology, SIUC, 2007. Currently employed as a wildlife biologist with USDA/APHIS Wildlife Services.
Michelle LaRue	<i>Potential habitat and dispersal corridors of cougars in Midwestern North America</i> . M.S., Zoology, SIUC, 2007. Received a Ph.D. at the University of Minnesota and currently employed there as a research scientist.
Marc Conlee	<i>Impacts of Illinois outfitters on white-tailed deer and wild turkey</i>

- populations*. M.S., Zoology, SIUC, 2008. Currently employed as a plant health safeguarding specialist with USDA/APHIS/Plant Protection and Quarantine.
- Susan Cooper *Surveying and habitat modeling for gray foxes in Illinois*. M.S., Zoology, SIUC, 2008. Currently employed as a wildlife biologist with the Bureau of Land Management.
- Ryan Hubbard *Deer overabundance on a university campus: a case study at Southern Illinois University Carbondale*. M.S., Zoology, SIUC, 2008. Currently employed as a realtor with United Country Insurance.
- Paul Scharine *Lagomorph-habitat relationships in southern Illinois*. M.S., Zoology, SIUC, 2008. Currently employed as a conservation biologist with the Florida Fish and Wildlife Conservation Commission.
- Cyrus Hester *Deer herbivory on forest vegetation on Tribal lands in Michigan*. M.S., Zoology, SIUC, 2009. Currently employed as a Ph.D. student at Arizona State University.
- Janice Stroud *Demographic characteristics of white-tailed deer on Tribal lands in Michigan*. M.S., Zoology, SIUC, 2009. Currently employed as a natural resource manager with the National Parks Service.
- Jordan Ashmore *Using camera traps to evaluate predator and prey abundances in Ecoparque, Panama*. M.S., Forestry, SIUC, 2009. Co-advised with Andrew Carver, Department of Forestry, SIUC. Currently employed by the Illinois Department of Corrections.
- Joshua Ashmore *Estimating relative abundance of white-tailed deer and red brocket deer in Panama based on photo analysis*. M.S., Forestry, SIUC, 2009. Co-advised with Andrew Carver, Department of Forestry, SIUC. Currently employed as a wildlife biologist with the Illinois Department of Natural Resources.
- Kenny Delahunt *Nesting ecology, survival, and home range of wild turkeys in an agricultural landscape*. M.S., Zoology, SIUC, 2011. Winner of the Alan Woolf Outstanding M.S. Student Award (2010). Currently employed as a wildlife biologist with the Illinois Department of Natural Resources.
- Ramiro Crego *Modeling the distribution of wet meadows in arid and semi-arid Patagonia, Argentina: assessing current distribution and predicting response to climate change*. M.S., Forestry, SIUC, 2012. Winner of the Alan Woolf Outstanding M.S. Student Award (2012). Currently a Ph.D. student at University of North Texas.
- Julia Smith *Recolonization of the Midwestern United States by large carnivores: habitat suitability and human dimensions*. M.S., Zoology, SIUC, 2013. Co-advised with Eric Hellgren, Department of Zoology, SIUC. Winner of the Alan Woolf Outstanding M.S. Student Award (2013). Participant, The Wildlife Society Leadership Institute (2016). Currently employed as Mexican wolf technician, Arizona Game and Fish Department.
- Shelby Hiestand *Assessment and spatial analysis of bobcat parasites in southern Illinois*. M.S., Zoology, SIUC, 2013. Co-advised with Agustin Jimenez, Department of Zoology, SIUC. Participant, The Wildlife Society Leadership Institute (2016).



- Currently employed as a wildlife biologist with the Michigan Department of Natural Resources.
- Nathalia Mujica *Habitat factors affecting occupancy and detection of mammals in the Paraguayan Chaco.* M.S., Forestry, SIUC, 2013. Currently employed in the Ministry of International Affairs, Paraguay.
- Kevin Cassel *Factors influencing site occupancy of breeding birds, herptiles, mesocarnivores, and small mammals on suburban forest preserves in the Chicago Metropolitan Area.* M.S., Forestry, SIUC, 2014. Winner of the 2013 College of Agricultural Sciences Outstanding M.S. Achievement Award. Currently employed as a wildlife biologist by the North Carolina Wildlife Resources Commission.
- Ryan Tebo *Response of wild turkeys to grassland fire management in an agricultural landscape.* M.S., Zoology, SIUC, 2014. Winner of the W.D. Klimstra Reclamation Fellowship (2011-13). Winner of National Wild Turkey Federation Land of Lincoln Scholarship (2012 and 2013). Currently employed as a wildlife biologist with the Minnesota Department of Natural Resources.
- Chris Bottom *Habitat overlap among mesocarnivores and wild turkeys in an agricultural landscape.* M.S., Zoology, SIUC, 2014. Winner of National Wild Turkey Federation Land of Lincoln Scholarship (2012 and 2013) and Illinois Trapper Association Scholarship (2012). Currently employed as a wildlife biologist with USDA/APHIS Wildlife Services.
- Veronica Kelly *Habitat quality and landscape connectivity of riparian corridors for wildlife in southern Illinois.* M.S., Forestry, SIUC, 2015. Currently employed as a park ranger/visitor services manager with the U.S. Fish and Wildlife Service.
- Preston Feltrop *River otter use of Illinois streams with and without Asian carp.* M.S., Zoology, SIUC. Co-advised with Eric Schaubert, Department of Zoology, SIUC, 2015. Winner of Illinois Trapper Association Scholarship (2013, 2014). Currently employed as a fisheries biologist with the U.S. Fish and Wildlife Service.
- Brady Neiles *Grassland bird response to CP33 field buffers in southern Illinois.* M.S., Zoology, SIUC, 2015. Currently employed as a wildlife biologist with the South Dakota Game Fish and Parks.
- Jessica Fort *Habitat occupancy by jaguars in Panama.* M.S., Forestry, SIUC. Co-advised with Andrew Carver, Department of Forestry, SIUC. Currently employed as a research biologist at the Archibald Biological Station, Florida, 2016.
- Rebecca Lyon *Occupancy of terrestrial mammal species of the Madeira-Purus Interfluvium in Amazonas, Brazil.* M.S., Forestry, SIUC, 2017. Currently employed as a Wildlife Biologist with the University of California - Santa Cruz.
- Ryan Leeson *Deer impacts on oak regeneration in southern Illinois.* M.S., Forestry, SIUC, 2018. Currently employed as a Wildlife Technician with the Illinois Natural History Survey.
- Julia Brockman *Habitat selection of reintroduced bison in northern Illinois.* M.S., Forestry, SIUC, 2017. Currently employed as a Wildlife Technician with the Nevada Department of Wildlife.

Andrew Rutter *Survival and capture efficiency of river otters in Illinois.* M.S., Forestry, SIUC, 2017. Co-advised with Eric Schaubert, Department of Zoology, SIUC. Winner of Illinois Trapper Association Scholarship (2014). Currently employed as a wildlife biologist with the Lake County (Illinois) Forest Preserve District.

Alex Hanrahan *Spatial ecology of river otters in Illinois.* M.S., Zoology, SIUC, 2018. Co-advised with Eric Schaubert, Department of Zoology, SIUC.

**D. Students who have completed their Ph.D. under my direction (n = 11)**

<b>Name</b>	<b>Ph.D. Dissertation Title</b>
Emily Croteau	<i>Conservation genetics and phylogeography of the bobcat in North America.</i> Ph.D., Zoology, SIUC, 2009. Co-advised with Ed Heist, Department of Zoology, SIUC. Currently employed as an Assistant Professor at Valdosta State University.
Charles Anderson	<i>Ecology and management of white-tailed deer in an agricultural landscape.</i> Ph.D., Zoology, SIUC, 2010. Participant, The Wildlife Society Leadership Institute (2014). Currently employed as a Terrestrial Unit Research Supervisor at the Missouri Department of Conservation.
Rachael Urbanek	<i>Ecological and societal impacts of suburban white-tailed deer: a case study in the Chicago Metropolitan Area.</i> Ph.D., Zoology, SIUC, 2012. Winner of the Director's Outstanding Ph.D. Student Award (2012), 2012 Richard and Donna Falvo Outstanding Dissertation Award for best dissertation university-wide at SIUC, 2011 North Central Section of The Wildlife Society Graduate Student of the Year, and Participant in The Wildlife Society Leadership Institute (2013). Currently employed as an Assistant Professor at the University of North Carolina Wilmington.
Leah Berkman	<i>Landscape genetics of northern bobwhites and swamp rabbits in southern Illinois.</i> Ph.D., Zoology, SIUC, 2012. Winner of the Director's Outstanding Ph.D. Student Award (2011). Currently employed as a Biometrician with the Missouri Department of Conservation.
Damon Lesmeister	<i>Factors influencing the spatial and temporal structure of the carnivore guild in southern Illinois.</i> Ph.D., Zoology, SIUC, 2013. Co-advised with Eric Schaubert, Department of Zoology, SIUC. Winner of the Director's Outstanding Ph.D. Student Award (2013) and Richard R. Kudo Award for outstanding dissertation in Zoology (2014). Currently employed as a Wildlife Biologist with the U.S. Forest Service.
Joanne Crawford	<i>Ecology of the swamp rabbit and eastern cottontail in early-successional habitats in southern Illinois.</i> Ph.D., College of Agricultural Sciences, SIUC, 2014. Winner of 2012 Outstanding Ph.D. Research Award in the College of Agricultural Sciences at SIUC, 2013 North Central Section of The Wildlife Society Graduate Student of the Year, Winner of the Director's Outstanding Ph.D. Student Award (2013). Currently employed as a Post-doctoral Researcher at Michigan State University.
Justin Shew	<i>Avian response to mid-contract management in smooth brome and native-grass-dominated CRP fields in northern Illinois.</i> Ph.D., Zoology, SIUC, 2016. Co-advised with Don Sparling, Department of Zoology, SIUC. Winner of 2014

Dissertation Research Award, College of Science, SIUC. Currently employed as Conservation Program Manager with the National Great Rivers Research and Education Center, Illinois.

- Matt Springer *Dispersal of white-tailed deer in an agricultural landscape.* Ph.D., College of Agricultural Sciences, SIUC, 2017. Winner of 2014 Dissertation Research Award, College of Agricultural Sciences, SIUC. Currently employed as an Assistant Professor at the University of Kentucky.
- Esmarie Boyles *Mammalian canivores as bioindicators to evaluate the exposure and bioaccumulation of organic contaminants in terrestrial ecosystems.* Ph.D., Zoology, SIUC, 2017. Co-advised with Da Chen, Department of Zoology, SIUC. Winner of 2015 Dissertation Research Award, College of Science, SIUC. Currently employed as an Instructor at West Kentucky Community and Technical College.
- Yan Wu *Exposure of North American aquatic and terrestrial ecosystems to legacy and emerging flame retardants.* Ph.D., Zoology, SIUC, 2018. Co-advised with Da Chen, Department of Zoology, SIUC. Currently employed as Post-doctoral Researcher at Indiana University Bloomington.
- Elliott Ziemann *Epizootiology and genetic diversity of *Cytauxzoon felis*, an apicomplexan parasite of felids.* Ph.D., Zoology, SIUC, 2018. Co-advised with Agustin Jimenez, Department of Zoology, SIUC. Currently employed as an Assistant Professor at Wilmington College, Ohio.

#### **E. M.S. Advisees in Progress (n = 3)**

- | <b>Name</b>       | <b>M.S. Thesis Topic</b>   |
|-------------------|--|
| Evan Greenspan    | <i>Human dimensions of clouded leopard reintroduction in Taiwan.</i> M.S. Student, Forestry, SIUC. Anticipated graduation: Fall 2018.  |
| Kori Kirkpatrick  | <i>Use of social media in cougar ecology and conservation research.</i> M.S. Student, Zoology, SIUC. Anticipated graduation: Fall 2019.  |
| Tatiana Gettelman | <i>Survival of river otters in southern Illinois.</i> M.S. Student, Zoology, SIUC. Co-advised with Eric Schaubert, Department of Zoology, SIUC. Anticipated graduation: Fall 2020. |

#### **F. Ph.D. Advisees in Progress (n = 4)**

- | <b>Name</b>       | <b>Ph.D. Dissertation Title</b>   |
|-------------------|---|
| Hillary Marler    | <i>Ecotoxicology of north Atlantic sharks.</i> Ph.D. Candidate, Zoology, SIUC. Co-advised with Da Chen, Department of Zoology, SIUC. Anticipated graduation: Fall 2018.   |
| Elizabeth Hillard | <i>Habitat management impacts on swamp rabbits in southern Illinois.</i> Ph.D. Candidate, College of Agricultural Sciences, SIUC. Co-advised with John Groninger, Department of Forestry, SIUC. Anticipated graduation: Fall 2018. Currently employed as a Wildlife Conservationist with the Wildlands Network. |
| Tiffanie Atherton | <i>Genetics of eastern woodrats in southern Illinois.</i> Ph.D. student, Zoology, SIUC. Co-advised with Ed Heist, Department of Zoology, SIUC. Anticipated graduation: Spring 2022.   |

Katelyn Amspacher     *Ecology of skunks in southern Illinois*. Ph.D. Student, College of Agricultural Sciences, SIUC. Anticipated graduation: Spring 2022.

### G. Post-doctoral Research Fellows at SIUC

<b>Name</b>	<b>Project title</b>
Dr. Douglas Osborne	<i>Upland bird research – mid-contract management of CRP fields in northern Illinois</i> , 2010-11. Currently employed as an Assistant Professor at University of Arkansas at Monticello.
Dr. Jorista van der Merwe	<i>Occupancy and aggression in upland birds in Illinois</i> , 2014-15. Currently employed as an Assistant Professor at Arkansas Tech University.
Dr. Erin Koen	<i>Network analysis of white-tailed deer social contacts in Illinois</i> , 2014-15. Currently employed as a Post-doctoral Researcher at Memorial University, Newfoundland.
Dr. Dana Morin	<i>Occupancy of southern Illinois carnivores</i> , 2017-19.

### H. Mentor of Students in Professional Science M.S. Program in Wildlife Administration and Management at SIUC

Cortez Rohr, 2017-18

### I. Visiting International Researchers at SIUC

<b>Name</b>	<b>Project title</b>
Dr. Weiqi Zhang	<i>Occupancy and co-occurrence patterns in the wildlife mammalian community of the Chicago Metropolitan Area</i> . Visiting researcher from Northeast Forestry University, Harbin, China, 2013-14.

### J. Adjunct Faculty Hosted at SIUC

<b>Name</b>	<b>Primary affiliation</b>
Dr. Joe Kolowski	Smithsonian-Mason School of Conservation
Dr. Karl Didier	Wildlife Conservation Society - Brazil
Dr. Andrew Antunes	Wildlife Conservation Society - Brazil
Dr. Anthony Giordano	S.P.E.C.I.E.S
Dr Jeff Walk	The Nature Conservancy
Dr. Damon Lesmeister	U.S. Forest Service
Dr. Michelle LaRue	University of Minnesota

### K. Undergraduate Advisement

I have advised >200 undergraduate students in the Department of Forestry at SIUC.

I have advised 15 undergraduate students in the Department of Zoology at SIUC

### L. Undergraduate Research Projects

Supervised >30 undergraduate students (other than those listed below) conducting research for course credit in the Zoology and Forestry Departments at SIUC, 2004-present

Faculty Mentor for >50 students conducting Senior Seminar research, 2011-present

Faculty Mentor, 2014-15, i2i (Inquiry to Investigation) program, College of Agricultural Sciences at SIUC (J. Meats, W. Fogler, B. Sobczak)

Faculty Mentor, 2012 Center for Ecology Internship Program, SIUC (N. May)

Faculty Mentor, 2013 and 2014 Center for Ecology Internship Program, SIUC (J. Meats, A.

Jackson)

Faculty Mentor, 2011 McNair Summer Research Institute, SIUC (N. May)

Faculty Mentor, Saluki Research Rookies Program for Freshmen, SIUC, 2008-09 (K. Allen), 2011-12 (M. Pfaff), 2012-13 (E. Bigger), 2013-14 (K. Kirkpatrick and K. Beers)

Faculty Mentor, Undergraduate Research Assistant, SIUC, 2011-12 and 2012 (2 separate academic years) (N. May)

Faculty Mentor, Research-Enriched Academic Challenge (REACH) program, SIUC, 2012-13 (C. Jordan, K. Waldschmidt) and 2013-14 (M. Pfaff)

Faculty Mentor and Project Principal Investigator, 2013-15, REU site: convergence ecology – research experience for undergraduates in ecological diversity across systems and disciplines. National Science Foundation, Program NSF12-569. During Years 1-3, I mentored 3 students (A. Anderson, D. Quiroz, T. Matthew) and co-coordinated program for 30 undergraduate students.

Faculty Mentor for SIUC Honors Thesis, K. Kirkpatrick, 2017

Faculty Mentor for C. Beard, Upper Delta Region Biodiversity Scholarship Program, National Science Foundation, 2017-18

### **M. Internship Programs Developed**

Cooperative Wildlife Research Laboratory Internship Program: (1) 9 paid student interns to conduct wildlife surveys funded by the Lake County Forest Preserve District, 2009-14; (2) 5 volunteer interns to assist in wild turkey and predator study, 2012; 2 volunteer interns to assist in semi-aquatic furbearer study, 2014

### **N. Technicians/researchers Employed for Projects**

Since 2003, I have employed >145 different individuals at the Temporary Extra Help, Researcher, or Student Work classifications at SIUC.

## **X. UNIVERSITY SERVICE**

### **A. Department Committees**

Instructor/Visiting Assistant Professor Search Committee (Human Dimensions), Department of Forestry, SIUC, 2011

Graduate Committee, Department of Forestry, SIUC, 2009-15 (Chair 2012-15)

Undergraduate Education Committee, Department of Forestry, SIUC, 2016-present (Chair)

Ad-hoc Departmental Papers Revision Committee, Department of Forestry, SIUC, 2012-14

Faculty Search Committee for Landscape Ecologist position, Cooperative Wildlife Research Laboratory and Department of Zoology, SIUC, 1999

Faculty Search Committee for Wildlife Toxicologist position, Cooperative Wildlife Research Laboratory and Department of Zoology, SIUC, 2003

Faculty Search Committee for Landscape Ecologist position (committee co-chair), Cooperative Wildlife Research Laboratory, SIUC, 2012

Undergraduate Internship Committee, Center for Ecology, SIUC, 2011-14 (committee co-chair)

Ad-hoc Tenure and Promotion Teaching Assessment Committee for Dr. Logan Park, Department of Forestry, SIUC, 2014

Forestry Departmental Tenure and Promotion Committee, SIUC, 2014-present

Ad-hoc Tenure and Promotion Committee for Dr. Eduardo Gastal, Department of Animal Sciences, Food, and Nutrition, SIUC, 2016

### **B. College and University Committees**

Institutional Animal Care and Use Committee, SIUC, 2011-14

Faculty Policy Committee, College of Agricultural Sciences, 2010-16 (Chair, 2015-16)

Peer Review Committee, SIUC, 2005-09

Participating Member of the Center for Ecology, SIUC, 2010-present

Search Committee, Director of Graduate Studies, College of Agricultural Sciences, 2012

Ideas to Investigation (i2i) Committee, College of Agricultural Sciences, 2012  
 Outstanding Thesis Award Committee, SIUC, 2013-14  
 Dean's Council Representative to the Scholar Excellence Awards Selection Committee, 2014  
 Graduate Council, SIUC, 2014-17; Member of New Programs Committee  
 College of Agricultural Sciences Tenure and Promotion Committee, SIUC, 2014-present  
 College of Agricultural Sciences Research and Publications Policy Committee, SIUC, 2016-18

### **C. Involvement in Registered Student Organizations**

Faculty Advisor, SIUC Student Chapter of The Wildlife Society, 2005-14  
 Faculty Advisor, Zoology Club, SIUC, 2005-14  
 Faculty Advisor (inaugural), Graduate Research Assistants Supporting Science, 2012-16

### **D. Judge at University Events**

2010 Illinois Junior Science and Humanities Symposium presentations  
 2010-11 Presidents and Chancellor's Scholarships, SIUC  
 2013 Research Town Meeting posters, SIUC

### **E. Other University Service**

Participant, 2012 New Faculty Orientation (I gave a presentation on "what it takes to get tenure at SIUC" as a recently-tenured faculty member)

## **XI. PROFESSIONAL SERVICE**

### **A. Membership in Professional Organizations**

Alpha Zeta, 1993-95  
 Gamma Sigma Delta, 1993-95  
 The Wildlife Society, 1994-present  
 Society for Conservation Biology, 1998-99, 2011-present  
 Sigma Xi, 1999-2005  
 American Society of Mammalogists, 1998-99, 2006-present  
 Illinois Academy of Science, 2004-present  
 Wild Felid Research and Management Association, 2008-present  
 Society of American Foresters, 2010-present  
 The United Nations Association of the United States of America, 2013-present

### **B. Offices Held in Professional Organizations**

Illinois State Chapter of The Wildlife Society: President (2005-07), Nominations and Elections Committee (2010-11, 2014)  
 The Wildlife Society, Publications and Awards Committee (2012-13)  
 North Central Section of The Wildlife Society: Executive Board and Chair of Nominations and Elections Committee (2006), Section Secretary (2006-07), Section Vice-President (2008), Section President (2008-10), Chair of Nominations Committee for Professional Award of Merit (2011, 2014)  
 Wild Felid Research and Management Association, Regional Representative, 2008-present  
 Illinois Habitat Fund Committee, 2013-14

### **C. Consultantships**

Urban deer management, City of Town and Country (MO)  
 Forensic analysis, Pulaski County (IL) State's Attorney  
 Urban deer management, Forest Preserve District of Lake County (IL)  
 Wildlife surveys, Kansas Department of Parks and Wildlife  
 Deer management, Minnesota Department of Natural Resources  
 Deer management, Pennsylvania Department of Conservation and Natural Resources  
 Deer management, York (PA) Harley-Davidson  
 Book consultant: *Cougar: A Cat with Many Names* (children's book), Bearport Publishing Company, New

York

Numerous others, as owner/operator of Holterra Wildlife Management (urban wildlife consultants)

#### **D. Manuscript Reviewer for Journals/Proposal Reviews**

I have reviewed manuscripts for the following journals/proposals: Acta Theriologica, American Midland Naturalist, Animal Conservation, Applied Geography, Biological Conservation, Canadian-Field Naturalist, Canadian Journal of Zoology, Cat News, Ecological Applications, Diversity and Distributions, Ecological Indicators, Ecological Modelling, European Journal of Forest Research, External Examiner for Ph.D. Thesis at University of Manitoba, Florida Panther Recovery Plan, Forest Ecology and Management, IUCN TRAFFIC Analyses of CITES Proposals, Journal of Applied Ecology, Journal of the Kentucky Academy of Science, Journal of Mammalogy, Journal of the Torrey Botanical Society, Journal of Wildlife Management, Landscape and Urban Planning, Natural Areas Journal, National Science Foundation Ecological Biology Cluster, Oxford University Press, Pakistan Journal of Scientific and Industrial Research, PLOS ONE, Prairie Naturalist, Proceedings of the Southeastern Association of Fish and Wildlife Agencies, Rangeland Ecology and Management, Restoration Ecology, Revista Catalana d'Ornitologia, Science News, Southeastern Geographer, Southeastern Naturalist, Transactions of Illinois State Academy of Science, Univ. Wisconsin System CERANR, Ursus, U.S. Fish and Wildlife Service, U.S. Geological Survey, Western North American Naturalist, Wildlife Biology, Wildlife Monographs, Wildlife Society Bulletin, Wildlife Research, Zoology in the Middle East

#### **E. Associate Editorship for Journals**

Journal of Wildlife Management, 2007-10

Wildlife Society Bulletin, 2010-present

Special Editor of September 2011 issue of Wildlife Society Bulletin "Ecology and Management of Deer in Developed Landscapes"

Special Editor of Journal of Contemporary Water Research & Education Issue 157 (2016) " Ecology and conservation of semi-aquatic mammals and their habitats: implications for policy"

#### **F. Other Committees Served**

Transportation Research Board, subcommittee A3B05 on mitigating animal-vehicle collisions, 2001-present

North Central Regional Association of Agricultural Experiment Directors, Committee NC 1005 (Landscape ecology of white-tailed deer in agro-forested ecosystems: a cooperative approach to support management), 2006-08

Illinois Forestry Development Council, 2007-09

International Union for the Conservation of Nature and Natural Resources (IUCN) Species Survival Commission Cat Specialist Group (2008-16)

International Union for the Conservation of Nature and Natural Resources (IUCN) Species Survival Commission Lagomorph Specialist Group (2013-16); Leader for reassessment for 2015 IUCN Red List status update for *Puma concolor*

Technical Advisor, Asociación Panamericana para la Conservación, wildlife rescue and relocation for the Expansion of the Panama Canal (Third Set of Locks Project), Pacific Access Channel Project No. PAC-4, 2010-11

Illinois Habitat Fund Advisory Committee, Illinois Department of Natural Resources, 2013-14

Farmland and Prairie Campaign Committee, Illinois Department of Natural resources, 2013-present

Large Carnivore Working Group, Chicago Wilderness, 2014

#### **G. Panels Served**

Panelist, 2014 National Science Foundation Graduate Research Fellowship Program

#### **H. University Program Reviews**

Department of Wildlife & Fish Conservation & Management, University of Rio Grande (Ohio), 2011

**I. Symposia/Meetings/Workshops Organized**

Bobcat Ecology and Management symposium, The Wildlife Society 2000 Conference, Nashville, TN

2007 Illinois State Chapter of The Wildlife Society meeting, Moline, IL

Deer Ecology and Management symposium, The Wildlife Society 2008 Conference, Miami, FL

Wild Felid Ecology and Management symposium, 2009 Midwest Fish and Wildlife Conference, Springfield, IL

Illinois Trapper Education Training, Carbondale, IL, 2011, 2012

Illinois Large Carnivore Workshop, Springfield, IL, 2012

19<sup>th</sup> Central Hardwood Forest Conference, Carbondale, IL, 2014

Problems and Case Histories in Applied Wildlife Ecology and Conservation. Foundation State University of Cearà, Fortaleza, Brazil, 2014. At this workshop I also served as the Evaluator for Brazilian students' course titled "Discipline Management of Wild Animals"

International and Collaborative Approaches to Lagomorph Conservation in a Changing World symposium, 5<sup>th</sup> International Wildlife Management Congress (2015), Sapporo, Japan

**J. Reviewer of Tenure/Promotion Dossiers (outside of SIUC)**

Dr. Jerry Belant, Mississippi State University - promotions to Associate and Full Professor

Dr. Paul Curtis, Cornell University - promotion to Full Professor

Dr. James Beasley, University of Georgia - promotion to Associate Professor

Dr. John Cox, University of Kentucky - promotion to Associate Professor

**K. Other Professional Training**

Media relations workshop, Chicago, IL, 1999

Illinois Fur Hunting and Trapping Education Leadership Workshop, 2004

**XII. PHILANTHROPIC ACTIVITIES**

Board of Directors, Teach my Kenyan Children, 2014-15