

**CLAYTON K. NIELSEN**  
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## **EDUCATION**

- 2001 Ph.D. in Zoology with emphasis in Wildlife Ecology, Southern Illinois University Carbondale (SIUC). Dissertation title: Habitat use and population dynamics of bobcats in southern Illinois.
- 1996 M.S. in Environmental and Forest Biology, State University of New York, College of Environmental Science and Forestry. Thesis title: Feasibility of population management of white-tailed deer in Irondequoit, New York.
- 1994 B.S. in Natural Resources with emphasis in Fisheries and Wildlife, University of Nebraska-Lincoln.

## **EMPLOYMENT AND POSITIONS HELD**

- 2008 - present Associate Scientist/Wildlife Ecologist, Cooperative Wildlife Research Laboratory (CWRL), SIUC (primary employment)
- 2003 - 2008 Assistant Scientist/Wildlife Ecologist, Cooperative Wildlife Research Laboratory (CWRL), SIUC
- 2005 - present Adjunct Faculty, Department of Biology, Central Michigan University
- 2004 - present Adjunct Assistant Professor and Graduate Faculty member, Department of Zoology, SIUC
- 2004 - present Adjunct Assistant Professor, Department of Forestry, SIUC
- 2003 - present Director of Scientific Research and Board of Directors, Cougar Network (non-profit research/education organization)
- 2001, 2003 Post-doctoral Fellow, CWRL, SIUC
- 2002 Assistant Scientist (adjunct), CWRL, SIUC
- 2001 - 2003 Wildlife Ecologist, Holterra Wildlife Management (urban wildlife consulting firm)
- 1996 - 2000 Graduate Research Assistant, CWRL and Department of Zoology, SIUC
- 1994 - 1996 Graduate Research Assistant, Department of Environmental and Forest Biology, State University of New York, College of Environmental Science and Forestry

**PROFESSIONAL ACTIVITIES**

Associate Editor	Journal of Wildlife Management (2007-present)
Book Review for Publisher	Bobcat: master of survival, by K. Hansen. Oxford University Press, New York, NY, 2005
Committees, Illinois	Illinois Forestry Development Council (2007-present)
Committees, International	International Union for the Conservation of Nature and Natural Resources (IUCN) Species Survival Commission Cat Specialist Group (2008-present)
Committees, Regional	North Central Regional Association of Agricultural Experiment Directors, Committee NC 1005 (Landscape ecology of white-tailed deer in agroforested ecosystems: a cooperative approach to support management) (2006-08); Transportation Research Board, subcommittee A3B05 on mitigating animal-vehicle collisions (2001-present)
Committees, SIUC	Peer Review Committee (2005-07), Faculty Search Committees for Landscape Ecologist and Wildlife Toxicologist positions in the Department of Zoology at SIUC
Consultant	Belfair and Rose Hill Plantations (SC) City of Town and Country (MO) Forensic Analysis, Pulaski County (IL) State's Attorney Forest Preserve District of Lake County (IL) Illinois Department of Natural Resources Kansas Department of Parks and Wildlife Minnesota Department of Natural Resources Pennsylvania Department of Conservation and Natural Resources York (PA) Harley-Davidson
Professional Societies	Alpha Zeta, American Society of Mammalogists, Gamma Sigma Delta, Illinois Academy of Science, Sigma Xi, Society of Conservation Biology, The Wildlife Society (see below), Wild Felid Research and Management Association
Reviewer	Acta Theriologica, American Midland Naturalist, Ecological Modelling, Florida Panther Recovery Plan, Forest Ecology and Management, IUCN TRAFFIC Analyses of CITES Proposals, Journal of Applied Ecology, Journal of Mammalogy, Journal of Wildlife Management, National Science Foundation Ecological Biology Cluster, Oxford University Press, Prairie Naturalist, Proceedings of the Southeastern Association of Fish and Wildlife Agencies, Transactions of Illinois State Academy of Science, Univ. Wisconsin System CERANR, U.S. Geological Survey, Western North American Naturalist, Wildlife Biology, Wildlife Monographs, Wildlife Society Bulletin

The Wildlife Society      Certified Wildlife Biologist (2004)  
 Faculty Advisor for SIUC Student Chapter (2005-present)  
 Illinois State Chapter President (2005-07)  
 North Central Section Executive Board and Chair of Nominations and  
 Elections Committee (2006)  
 North Central Section Secretary (2006-07)  
 North Central Section Vice-President (2008)  
 North Central Section President (2009)  
 Native Peoples' Wildlife Management Working Group

### **COURSES TAUGHT AT SIUC**

ZOOLOGY 588                      Urban Wildlife Ecology and Management  
 ZOOLOGY 312i                  Conservation of Natural Resources

### **PUBLICATIONS** (listed in order of acceptance/publication)

#### **Journal Articles** ( $n=36$ )

- Scharine, P. D., C. K. Nielsen, E. M. Schaubert, and L. Rubert. 2009. Swamp rabbits in floodplain ecosystems: influence of landscape- and stand-level habitat on relative abundance. *Wetlands* 29:615-623.
- Hubbard, R. D., and C. K. Nielsen. 2009. White-tailed deer does attacking humans during the fawning season: a unique human-wildlife conflict on a university campus. *Human Wildlife Conflicts* 3:129-135.
- Bloomquist, C. K., and C. K. Nielsen. 2009. A remote videography system for monitoring beavers. *Journal of Wildlife Management* 73(4):*in press*.
- Crawford, J. C., Z. Liu, T. A. Nelson, C. K. Nielsen, and C. K. Bloomquist. 2009. Genetic population structure within and between beaver (*Castor canadensis*) populations in Illinois. *Journal of Mammalogy* 90:373-379.
- Kjaer, L. J., E. M. Schaubert, and C. K. Nielsen. 2008. Spatial and temporal analysis of contact rates in white-tailed deer. *Journal of Wildlife Management* 72:1819-1825.
- Crawford, J. C., Z. Liu, T. A. Nelson, C. K. Nielsen, and C. K. Bloomquist. 2008. A comparison of field and molecular techniques for sexing beavers. *Journal of Wildlife Management* 72:1805-1807.
- McDonald, P. T., C. K. Nielsen, T. J. Oyana, and W. Sun. 2008. Modelling habitat overlap among sympatric mesocarnivores in southern Illinois, USA. *Ecological Modelling* 215:276-286.
- Nielsen, C. K., and M. A. McCollough. 2009. Using remote cameras to detect Canada lynx in northern Maine. *Northeastern Naturalist* 16:*in press*.
- Roy Nielsen, C. L., S. M. Wakamiya, and C. K. Nielsen. 2008. Viability and patch occupancy of the state-endangered swamp rabbit metapopulation in southwestern Indiana. *Biological Conservation* 141:1043-1054.
- Kolowski, J. M., and C. K. Nielsen. 2008. Using Penrose distance to identify potential risk of wildlife-vehicle collisions. *Biological Conservation* 141:1119-1128.
- Crawford, J. C., Z. Liu, T. A. Nelson, C. K. Nielsen, and C. K. Bloomquist. 2008. Microsatellite analysis of mating and kinship in beavers (*Castor canadensis*). *Journal of Mammalogy* 89:575-581.
- LaRue, M. A., and C. K. Nielsen. 2008. Modelling potential dispersal corridors for cougars in midwestern North America using least-cost path methods. *Ecological Modelling* 212:372-381.

- Schauber, E. M., P. D. Scharine, C. K. Nielsen, and L. Rubert. 2008. An artificial latrine log for swamp rabbit studies. *Journal of Wildlife Management* 72:561-563.
- Rohm, J. E., C. K. Nielsen, and E. M. Schauber. 2008. Post-recruitment survival of fawns in southern Illinois. *Proceedings of the 60<sup>th</sup> Annual Conference of the Southeast Association of Fish and Wildlife Agencies* 60:59-63.
- Crawford, J. C., Z. Liu, T. A. Nelson, C. K. Nielsen, and C. K. Bloomquist. 2008. Isolation and characterization of microsatellite loci in the beaver (*Castor canadensis*). *Molecular Ecology Resources* 8:616-618.
- Nielsen, C. K., A. DeFore, and E. Bade. 2007. Survey of *Baylisascaris procyonis* and canine distemper virus in southern Illinois raccoons. *Transactions of Illinois State Academy of Science* 100:169-176. (undergraduate research publication)
- LaRue, M. A., C. K. Nielsen, and M. D. Grund. 2007. Using distance sampling to estimate white-tailed deer density in south-central Minnesota. *Prairie Naturalist* 39:57-68. (undergraduate research publication)
- McNew, L. B., C. K. Nielsen, and C. K. Bloomquist. 2007. Use of snares to live-capture beavers. *Human-Wildlife Conflicts* 1:106-111.
- Rohm, J. E., C. K. Nielsen, and A. Woolf. 2007. Survival of white-tailed deer fawns in southern Illinois. *Journal of Wildlife Management* 71:851-860.
- Roy Nielsen, C. L., and C. K. Nielsen. 2007. Multiple paternity and relatedness in raccoons, *Procyon lotor*. *Journal of Mammalogy* 88:441-447.
- Schauber, E. M., D. J. Storm, and C. K. Nielsen. 2007. Effects of joint space use and group membership on contact rates among white-tailed deer. *Journal of Wildlife Management* 71:155-163.
- Storm, D. J., C. K. Nielsen, E. M. Schauber, and A. Woolf. 2007. Deer-human conflict and hunter access in an exurban landscape. *Human-Wildlife Conflicts* 1:53-59.
- Storm, D. J., C. K. Nielsen, E. M. Schauber, and A. Woolf. 2007. Space use and survival of white-tailed deer in an exurban landscape. *Journal of Wildlife Management* 71:1170-1176.
- Wilson, S. E., and C. K. Nielsen. 2007. Habitat characteristics of raccoon daytime resting sites in southern Illinois. *American Midland Naturalist* 157:175-186.
- LaRue, M. A., and C. K. Nielsen. 2006. Using expert-opinion surveys and GIS to model potential cougar habitat and corridors in Midwestern North America. *Endangered Species Update* 23:55-61.
- Bluett, R. D., C. K. Nielsen, R. W. Gottfried, C. A. Miller, and A. Woolf. 2005. Status of the river otter (*Lontra canadensis*) in Illinois, 1998-2004. *Transactions of Illinois State Academy of Science* 97:209-217.
- Nielsen, C. K., and A. Woolf. 2003. Dispersal of juvenile male bobcats in southern Illinois. *Transactions of the Illinois Academy of Science* 96:313-318.
- Nielsen, C. K., R. G. Anderson, and M. D. Grund. 2003. Landscape influences on deer-vehicle accidents in an urban environment. *Journal of Wildlife Management* 67:46-51.
- Anderson, R. G., and C. K. Nielsen. 2002. Modified Stephenson trap for capturing deer. *Wildlife Society Bulletin* 30:606-608.
- Nielsen, C. K., and A. Woolf. 2002. Survival of unexploited bobcats in southern Illinois. *Journal of Wildlife Management* 66:833-838.
- Nielsen, C. K., and A. Woolf. 2002. Habitat-relative abundance relationship for bobcats in southern Illinois. *Wildlife Society Bulletin* 30:222-230.
- Woolf, A., C. K. Nielsen, T. Weber, and T. J. Gibbs-Kieninger. 2002. Statewide modeling of bobcat, *Lynx rufus*, habitat in Illinois, USA. *Biological Conservation* 104:191-198.
- Nielsen, C. K., and A. Woolf. 2001. Spatial organization of bobcats (*Lynx rufus*) in southern Illinois. *American Midland Naturalist* 146:43-52.

- Woolf, A., C. K. Nielsen, and T. J. Gibbs-Kieninger. 2000. Status and distribution of the bobcat (*Lynx rufus*) in Illinois. *Transactions of the Illinois Academy of Science* 93:165-173.
- Nielsen, C. K., S. J. Nelson, and W. F. Porter. 1997. Emigration of deer from a partial enclosure. *Wildlife Society Bulletin* 25:282-290.
- Nielsen, C. K., W. F. Porter, and H. B. Underwood. 1997. An adaptive management approach to controlling suburban deer. *Wildlife Society Bulletin* 25:470-477.

#### **Journal Manuscripts in Review (n=6)**

- Bloomquist, C. K., and C. K. Nielsen. Demographic characteristics of unexploited beavers in southern Illinois. *Journal of Wildlife Management*.
- Croteau, E. K., E. J. Heist, C. K. Nielsen, and E. C. Hellgren. Genetic structure of bobcat (*Lynx rufus*) populations in North America: implications for range-wide conservation. *Conservation Genetics*.
- Rubert, L., E. M. Schaubert, C. K. Nielsen, and P. D. Scharine. Habitat suitability and potential corridors for swamp rabbits at the edge of their range. *Biological Conservation*.
- Scharine, P. D., C. K. Nielsen, E. M. Schaubert, and L. Rubert. Occupancy, detection, and habitat affiliations of sympatric lagomorphs in recently afforested agricultural lands. *Journal of Wildlife Management*.
- Urbanek, R. E., C. K. Nielsen, and S. E. Wilson. Density and survival of unexploited raccoons on a rural refuge in southern Illinois. *Transactions of Illinois State Academy of Science*.
- Walter, W. D., K. C. VerCauteren, H. Campa III, W. R. Clark, J. W. Fischer, S. E. Hygnstrom, N. E. Mathews, C. K. Nielsen, E. M. Schaubert, T. R. VanDeelen, and S. R. Winterstein. The influence of landscape composition and connectivity on home-range size of white-tailed deer: a regional comparison. *Landscape Ecology*.

#### **Editorship (n=6)**

- Nielsen, C. K., K. Miller, M. Dowling, and B. Wilson, editors. 2005-present. *Wild Cat News*. Published quarterly by the Cougar Network.
- Nielsen, C. K. 2008. North Central Section of The Wildlife Society, fall newsletter. 23 pp.
- Nielsen, C. K. 2008. North Central Section of The Wildlife Society, spring newsletter. 27 pp.
- Nielsen, C. K. 2006. Illinois chapter of The Wildlife Society, fall/winter newsletter (<http://home.grics.net/~forbes/ICTWS>). 18 pp.
- Nielsen, C. K. 2005. Illinois chapter of The Wildlife Society, spring/summer newsletter (<http://home.grics.net/~forbes/ICTWS>). 15 pp.
- Woolf, A., C. K. Nielsen, and R. D. Bluett, editors. 2001. Proceedings of a symposium on current bobcat research and implications for management. The Wildlife Society 2000 Conference, Nashville, Tennessee, USA. 83 pp.

#### **Peer-Edited Works and Authored Technical Reports (n=9)**

- Latham, R., R. Brubaker, M. D. Grund, S. B. Horsley, B. C. Jones, W. H. McWilliams, S. Nicholas, C. K. Nielsen, C. S. Rosenberry, R. S. Seymour, B. P. Shissler, and D. M. Waller. 2008. Monitoring deer impacts in Pennsylvania state forests. Pennsylvania Department of Conservation and Natural Resources, Harrisburg, Pennsylvania, USA. 45 pp.
- Nielsen, C. K., and M. McCollough. 2007. Testing remote cameras for detecting Canada lynx. *Wild Cat News* 3(3):15-18.

- Larue, M. A., and C. K. Nielsen. 2006. Status update: modeling potential habitat for cougars in the Midwest. *Wild Cat News* 2(2):20-22.
- LaRue, M. A., M. D. Grund, C. K. Nielsen, R. G. Osborn, and B. R. McMillan. 2005. Using distance sampling to estimate densities of white-tailed deer in Watonwan County, Minnesota. *Summaries of Wildlife Research Findings, 2004*. Division of Wildlife, Minnesota Department of Natural Resources, St. Paul, Minnesota, USA. 10 pp.
- Nielsen, C. K. 2005. Modeling potential habitat for cougars in the Midwest. *Wild Cat News* 1(1):3-4.
- Nielsen, C. K., K. Miller, M. Dowling, and B. Wilson. 2005. Introduction to the cougar network. *Wild Cat News* 1(1):1-2.
- Nielsen, C. K. 2005. Bobcats and vehicles in southern Illinois: can't we all just get along? *Wild Cat News* 1(2):6-8.
- Filipiak, J., and C. K. Nielsen. 2004. Lake County Forest Preserves deer population model. Natural Resources Division, Lake County Forest Preserves, Grayslake, Illinois, USA. 13 pp.
- Woolf, A., and C. K. Nielsen. 2002. *The bobcat in Illinois*. Southern Illinois University Press, Carbondale, Illinois, USA. 45 pp.

#### **Publications in Symposium Proceedings (n=6)**

- Nielsen, C. K., M. J. Dowling, C. K. Miller, R. D. Wilson, H. G. Shaw, C. R. Anderson, and S. R. Wilson. 2008. Research and educational efforts by the Cougar Network. Page 250 *in* D. Toweill, S. Nadeau, and D. Smith, editors. *Proceedings of the 9<sup>th</sup> Mountain Lion Workshop*, Sun Valley, Idaho, USA. (abstract only)
- Nielsen, C. K., and M. A. LaRue. 2008. Potential habitat and dispersal corridors for cougars in the Midwest. Page 122 *in* D. Toweill, S. Nadeau, and D. Smith, editors. *Proceedings of the 9<sup>th</sup> Mountain Lion Workshop*, Sun Valley, Idaho, USA. (abstract only)
- Nielsen, C. K. 2006. Using the bobcat as a surrogate species to preliminarily assess cougar recovery potential in Illinois. Pages 87-93 *in* H. J. McGinnis, J. W. Tischendorf, and S. J. Ropski, editors. *Proceedings of the Eastern Cougar Conference 2004*, Morgantown, West Virginia, USA.
- Nielsen, C. K., M. Dowling, K. Miller, and B. Wilson. 2006. The Cougar Network: using science to assess the status of cougars in eastern North America. Pages 82-86 *in* H. J. McGinnis, J. W. Tischendorf, and S. J. Ropski, editors. *Proceedings of the Eastern Cougar Conference 2004*, Morgantown, West Virginia, USA.
- Nielsen, C. K., and A. Woolf. 2001. Bobcat habitat use relative to human dwellings in southern Illinois. Pages 40-44 *in* A. Woolf, C. K. Nielsen, and R. D. Bluett, editors. *Proceedings of a symposium on current bobcat research and implications for management*. The Wildlife Society 2000 Conference, Nashville, Tennessee, USA.
- Woolf, A., and C. K. Nielsen. 2001. Bobcat research and management: have we met the challenge? Pages 1-3 *in* A. Woolf, C. K. Nielsen, and R. D. Bluett, editors. *Proceedings of a symposium on current bobcat research and implications for management*. The Wildlife Society 2000 Conference, Nashville, Tennessee, USA.

#### **Book Reviews**

- Nielsen, C. K. 2009. Noninvasive survey methods for carnivores, by Long et al. *American Midland Naturalist* 161:359.
- Nielsen, C. K. 2008. Bobcat: master of survival, by K. Hansen. *Cat News* 47.

**Final Project Reports to Granting Agencies (n=24)**

- 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. Submitted to the 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. 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 the 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. Schaubert, 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 the 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 the 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 the 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 the Illinois Department of Natural Resources. 45 pp.
- Nielsen, C. K., E. M. Schaubert, 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 the 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.
- Schaubert, 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 the 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.

### **Popular Articles (n=5)**

Why did the bobcat cross the road? Illinois Audubon Magazine, Spring 2008

Cougars in the Midwest? Illinois Audubon Magazine, Summer 2007

Human-deer interactions and deer management challenges in exurbia: lessons from current Illinois deer research, Illinois Outdoors Magazine, December 2005

The bobcat detectives, Illinois Audubon Magazine, Fall 2001

Outdoor writer for Adventure Sports Outdoors (an Illinois sporting magazine), 1998

**EXTERNAL GRANTS AND CONTRACTS (\$4,085,049 total; \$3,862,487 to SIUC)**

- 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.
- Correa, N. J., A. D. Carver, E. M. Schaubert, and C. K. Nielsen. 2007. A research and technology transfer program for wildlife rescue and rehabilitation in Panama. National Secretariat of Science, Technology and Innovation, Panama. \$98,000.
- Nielsen, C. K., and J. M. Kolowski. 2007. Sonoran jaguar conservation project. Disney Wildlife Conservation Fund. \$15,000.
- Nielsen, C. K., E. C. Hellgren, E. M. Schaubert, J. R. Nawrot, and G. A. Feldhamer. 2007-11. Cooperative furbearing and nongame mammal investigations—carnivore, river otter, and rice rat study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. \$615,411.
- 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., D. W. Sparling, E. M. Schaubert, and C. L. Roy Nielsen. 2006-10. Cooperative upland wildlife research and surveys—swamp rabbit, dove, and bobwhite quail study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-106-R. \$635,251.
- 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., 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 (\$159,046 to SIUC).
- Nielsen, C. K. 2006-07. Potential habitat for cougars in Midwestern North America. The Summerlee Foundation, Shared Earth Foundation. \$15,000.
- Nielsen, C. K. 2005-07. Status of the gray fox in Illinois. Illinois Department of Natural Resources, Furbearer Fund. \$78,073.
- 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., and J. R. Nawrot. 2006. Site investigation: rice rat (*Oryzomys palustris*) presence at AMAX Delta Mine. Illinois Department of Natural Resources. \$5,825.
- 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.
- 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., 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.
- 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., C. L. Roy Nielsen, and E. M. Schauber. 2004-06. 2005-2006 status survey of the swamp rabbit in Indiana. Indiana Department of Natural Resources. \$9,923.
- Nielsen, C. K. 2004-06. Special wildlife studies, otter population analysis. Illinois Department of Natural Resources. \$5,210.
- 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., 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.
- 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 Number W-87-R. \$498,615.
- 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.
- Nielsen, C. K. 2003-04. Bobcats at Bernheim Forest: potential population abundance and habitat suitability. Bernheim Arboretum and Research Forest, Clermont, Kentucky, \$16,995.
- Nielsen, C. K., R. G. Anderson, and F. D. Verret. 2001-03. Contracts for urban deer research and management projects from 12 sources while working with Holterra Wildlife Management. \$85,988.
- Nielsen, C. K., R. G. Anderson, and M. D. Grund. 2001. Factors influencing locations of deer-vehicle accidents in an urban environment. American Wildlife Research Federation. \$2,000 (to Holterra Wildlife Management).
- Nielsen, C. K., and A. Woolf. 2000. Bobcat research and management symposium. Illinois Department of Natural Resources, Furbearer Fund. \$3,500.

#### **INTERNAL FUNDING - SIUC (\$82,225)**

- 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.

**PRESENTATIONS AT PROFESSIONAL MEETINGS** ( $n=122$ ; presenter w/asterisk, unless 1 author; listed in order of acceptance/presentation)

- Nielsen, C. K. 2009. Cougars in the Midwest: potential habitat, population viability, and human dimensions. 2009 Midwest Furbearer Resources Workshop, Frankfort, KY.
- Kjær, 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: forb 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, Purdue, IH.
- Nielsen, C. K.\*, and R. E. Urbanek. 2009. Deer as a keystone herbivore in the Chicago Metroplitan 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.

- 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. (poster)
- 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. (poster)
- 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. (poster)
- 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.
- 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. (poster)
- 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., 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. (poster)
- 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.

- 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. (poster)
- 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. 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.
- 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. (poster)
- 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. (poster)
- 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. (poster)
- 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.
- 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. (poster)
- 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. (poster)
- 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. (poster)
- 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.
- 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. (poster)

- 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.
- 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. (poster)
- 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. Oyanna, 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. 91st 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.
- 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.
- 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. (poster)
- 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.
- 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. (poster)
- Storm, D. J., C. K. Nielsen, and E. M. Schauber. 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. (poster)

- 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. (poster)
- 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.
- 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. (poster)
- Storm, D. J.\*, C. K. Nielsen, E. M. Schauber, 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. Schauber, 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. Schauber, 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. Habitat-population density relationship for bobcats in southern Illinois. The Wildlife Society 8<sup>th</sup> Annual Conference, Reno, NV. (poster)
- 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., 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.
- 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.
- 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.

**INVITED PRESENTATIONS AND GUEST LECTURES** ( $n=84$ ; presenter w/asterisk unless 1 author; listed in order of acceptance/presentation)

- 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. Cougars in the Midwest? PheasantFest, Madison, WI.
- 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. 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. Ecology and management of urban white-tailed deer. Game Mammals class (ZOOL 463) at SIUC, Carbondale, 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.
- Nielsen, C. K. 2008. Urban deer management: a policy nightmare? Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, 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. 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. 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. Urban deer management: a policy nightmare? Wildlife Policy and Administration class (ZOOL 464) 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: tails 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.
- Nielsen, C. K. 2005. Predator conservation and control. Principles of Wildlife Biology class (ZOOL 468) at SIUC, Carbondale, 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. Urban deer management. Wildlife Policy and Administration class (ZOOL 464) at SIUC, 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. Animal necropsy. Wildlife Diseases class (ZOOL 530) at SIUC, Carbondale, IL.
- 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. 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. 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. 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. Bobcats in southern Illinois: a top carnivore with a message. DuQuoin State Fair, Duquoin, IL.
- Nielsen, C. K. 2004. Urban deer management. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, IL.
- Nielsen, C. K. 2004. Using remote cameras to study carnivores. Maine Department of Inland Fisheries and Wildlife, Bangor, ME.
- Nielsen, C. K. 2004. Applications of remote sensing and bioinformatics. SIUC chapter of The Wildlife Society, Carbondale, IL.
- 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. 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. 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. 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. 2002. Deer-human conflicts in developed areas: causes and potential solutions. Forest Park Nature Center, Visiting Ecologist Series, Peoria, 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. 2001. Ecology of bobcats in Illinois. Kaskaskia Chapter of the Illinois Audubon Society, Chester, IL.
- Nielsen, C. K. 1999. Urban wildlife management. Wildlife Policy and Administration class (ZOOL 464) at SIUC, Carbondale, 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.

**GRADUATE STUDENTS CURRENTLY ADVISED ( $n=9$ )**

Charles Anderson, Ph.D., Ecology of white-tailed deer in central Illinois  
 Emily Bade, M.S., Factors influencing bobcat movements in southern Illinois  
 Leah Berkman, Ph.D., Swamp rabbit and bobwhite quail genetics in Illinois  
 Steven Borrego, M.S., Jaguar and puma occupancy modeling in Sonora, Mexico (Walker Diversity Fellowship Recipient, SIUC)  
 Beth Cole, Ph.D., Bobwhite quail habitat in Illinois (co-advised with Don Sparling, SIUC)  
 Kenny Delahunt, M.S., Turkey reproduction and nesting (co-advised with Jack Nawrot, SIUC)  
 Damon Lesmeister, Ph.D., Occupancy modeling for Illinois carnivores (co-advised with Eric Schaubert, SIUC)  
 John Melko, M.S., River otter and bobcat population modeling  
 Rachael Urbanek, Ph.D., Deer herbivory in Lake County, Illinois

#### **GRADUATE STUDENTS COMPLETED** ( $n=12$ )

Marc Conlee, M.S., 2008. Impacts of Illinois outfitters on white-tailed deer and wild turkey populations.  
 Susan Cooper, M.S., 2008. Surveying and habitat modeling for gray foxes in Illinois.  
 Emily Croteau, Ph.D., 2009. Conservation genetics and phylogeography of the bobcat in North America (co-advised with Ed Heist, SIUC).  
 Paul Scharine, M.S., 2008. Lagomorph-habitat relationships in southern Illinois.  
 Craig Bloomquist, M.S., 2007. Demographic characteristics and spatial organization of unexploited beavers in southern Illinois.  
 Cyrus Hester, M.S., 2009. Deer herbivory on forest vegetation on Tribal lands in Michigan.  
 Ryan Hubbard, M.S., 2008. Deer overabundance on a university campus: a case study at Southern Illinois University Carbondale.  
 Michelle LaRue, M.S., 2007. Potential habitat and dispersal corridors of cougars in Midwestern North America.  
 John Rohm, M.S., 2005. Survival of white-tailed deer fawns in southern Illinois.  
 Dan Storm, M.S., 2005. White-tailed deer ecology and deer-human conflict in an exurban landscape.  
 Janice Stroud, M.S., 2009. Demographic characteristics of white-tailed deer on Tribal lands in Michigan.  
 Shona Wilson, M.S., 2005. Demographic characteristics and habitat use of unexploited raccoons in southern Illinois.

#### **OTHER GRADUATE COMMITTEES SERVED** ( $n=22$ ; all at CWRL, SIUC, unless otherwise noted)

Simon Bade, M.S., raccoon roundworm project  
 Vic Bogosian, Ph.D., horned lizard project  
 Jess Gaffney Clark, M.S. (completed 2006), Lyme disease project, Department of Geography and Environmental Resources, SIUC  
 Ian Cumpston, M.S. (completed 2006), human dimensions in wildlife project, Department of Forestry, SIUC  
 Justin Dodson, M.S. (completed 2007), human dimensions in wildlife project, Department of Forestry, SIUC  
 Jennifer Dzimiel, M.S. (completed 2005), bobwhite quail project  
 Chris Greene, M.S. (completed 2003), turkey project  
 Damon Haan, M.S., mink project  
 Rob Hopkins, Ph.D., fish project, Department of Zoology, SIUC  
 Lene Kjaer, Ph.D., deer project  
 Pat McDonald, M.S. (completed 2006), carnivore project, Department of Geography and Environmental

## Resources, SIUC

Cydney Meadows, M.S., herp project  
 Joe Mortimer, M.S. (completed 2007), deer project, Department of Agricultural Systems, SIUC  
 Doug Osborne, Ph.D., bobwhite quail project  
 Saleen Richter, M.S. (completed 2005), weasel project  
 Lyann Rubert, M.S. (completed 2007), swamp rabbit project  
 Matt Rustand, M.S., deer project  
 Michael Spelman, M.S. (left program, 2007), deer project  
 Nate Svoboda, M.S. (completed 2008), bobcat project, Department of Biology, Central Michigan University  
 Angela Watland, M.S. (completed 2004), swamp rabbit project  
 Tiffany York-Osborne, Ph.D., mourning dove/Eurasian collared-dove project  
 Shuangying Yu, M.S., turtle project

**UNDERGRADUATE RESEARCH PROJECTS SUPERVISED** ( $n=13$ ; Zoology Department, SIUC)

Allen, K. 2008. Swamp rabbit latrine logs in southern Illinois.  
 Wyatt, L. 2008. Deer herbivory in an urban preserve in southern Illinois.  
 Calderon, A. 2006. Swamp rabbit surveys in Indiana.  
 Eubanks, B. 2006. Swamp rabbit-habitat relationships in southern Illinois.  
 McGaw, K. 2006. Swamp rabbit pellet surveys in southern Illinois.  
 Bade, E. 2005. Prevalence of *Baylisascaris procyonis* in southern Illinois raccoons.  
 Conlee, M. 2005. Deer browsing of new tree seedlings in a suburban Carbondale, Illinois.  
 DeNeal, D. 2005. Monitoring behavior of beavers inside the lodge using remote videography.  
 Gisburne, T. 2005. Population model for river otters in Illinois.  
 Hillard, E. 2005. Influence of habitat and climate on carnivores in southern Illinois.  
 Shike, E. 2005. River otter population and morphometric characteristics in Illinois.  
 Defore, A. 2004. Characteristics of raccoon latrine sites in southern Illinois.  
 Kerwin, S. 2004. Raccoon microhabitat selection in southern Illinois.

**SELECTED INTERVIEWS/FEATURES IN MAJOR MEDIA OUTLETS**

ABC News On-line, Boston Globe, Chicago Sun Times, Chicago Tribune, Chicago Wilderness Magazine, Christian Science Monitor, Cleveland Plain Dealer, Defenders Magazine, Down East Magazine, ESPN Outdoors On-line, Illinois Issues, Illinois Farm Bureau RFD Today Radio Program, History Channel, Illinois Outdoors, Indianapolis Star, Independent Online (South Africa), Kansas City Star, La Prensa (Panama), 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, Scripps-Howard News Service, Smithsonian Magazine, St. Louis Post-Dispatch, Seattle Post Intelligencer, TIME Magazine, Tri-State Outdoor News, USA Today Online, Washington Post

**OTHER PROFESSIONAL ACTIVITIES**

Illinois Fur Hunting and Trapping Education Leadership Workshop, 2004  
 Media relations workshop, Chicago, IL, 1999  
 Mentoring program for white-tailed deer project, Sesser-Valier High School, IL, 2000-2001  
 Mentoring for Research Rookies program for undergraduate research at SIUC, 2008-09

Symposium organizer, deer ecology and management symposium, The Wildlife Society 2008 Conference

Symposium organizer, bobcat ecology and management symposium, The Wildlife Society 2000  
Conference

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

Poster Judge, 66<sup>th</sup> Midwest Fish and Wildlife Conference, Grand Rapids, MI, 2005