

SUMMARY CURRICULUM VITAE

[Mike Conner, Ph.D.](#)

Associate Scientist



Dr. Conner's interests include predator ecology, the impacts of predators on prey populations, and the role of habitat and habitat management on predation processes. Dr. Conner is active in The Wildlife Society and has served as President Elect and President of the Georgia Chapter. Dr. Conner also served for three years as an Associate Editor for the Wildlife Society Bulletin and the Journal of Wildlife Management. Dr. Conner's outreach activities extend from his research interests and include seminars, workshops, and short courses on managing predation and the predation process.

Education:

Ph.D., Wildlife Ecology. Mississippi State University. 1995.
M.S., Wildlife Ecology. Mississippi State University. 1991.
B.S., Wildlife Biology. University of Tennessee at Martin. 1988.

Professional Experience:

2002 - present: Associate Scientist, Joseph W. Jones Ecological Research Center
2007 - present: Adjunct Assistant Professor, University of Florida
2004 - present: Adjunct Assistant Professor, Louisiana State University
2001 - present: Adjunct Assistant Professor, Utah State University
1999 - present: Adjunct Assistant Professor, University of Georgia
1996 - present: Adjunct Assistant Professor, Mississippi State University
1996: NASA Research Fellow, JOVE Faculty, John Stennis Space Center
1994 -1997: Assistant Professor, Arkansas Tech University

Professional Affiliations:

The Wildlife Society
American Society of Mammalogists

Recent Publications (Past 6 years):

- Conner, L. M., S. B. Castleberry, and A. M. Derrick. 2011. Effects of mesopredators and prescribed fire on hispid cotton rat survival and cause-specific mortality. *Journal of Wildlife Management* 75:938-944.
- Morris, G., L. M. Conner, and M. K. Oli. 2011. Effects of mammalian predator exclusion and supplemental feeding on space use by hispid cotton rats. *Journal of Mammalogy* 92:583-589.
- Morris, A. D., D. A. Miller, and L. M. Conner. 2011. Home range size of evening bats (*Nycticeius humeralis*) in southwestern Georgia. *Southeastern Naturalist* 10:85-94.
- Atkinson, C. L., S. P. Opsahl, A. P. Covich, S. W. Golladay, and L. M. Conner. 2010. [Stable isotopic signatures, tissue stoichiometry, and nutrient cycling \(C and N\) of native and invasive freshwater bivalve.](#) *Journal of the North American Benthological Society* 29:496-505.
- Borgo, J. S., M. R. Conover, and L. M. Conner. 2010. [Flying squirrel removal does not reduce their use of simulated red-cockaded woodpecker nest clusters.](#) *Southeastern Naturalist* 9:813-820.
- Conner, L. M., J. C. Rutledge, and L. L. Smith. 2010. Effects of mesopredators on nest survival of shrub-nesting songbirds. *Journal of Wildlife Management* 74:73-80.
- Derrick, A. M., L. M. Conner, and S. B. Castleberry. 2010. Effects of prescribed fire and predator exclusion on refuge selection by *Peromyscus gossypinus* Le Conte (Cotton Mouse). *Southeastern Naturalist* 9:733-780.
- Hernandez, S. M., D. J. Gammons, N. Gottdenker, M. T. Mengak, L. M. Conner, and S. J. Divers. 2010. Technique, safety, and efficacy of intra-abdominal transmitters in nine-banded armadillos. *Journal of Wildlife Management* 74:174-180.
- Jones, D. D., L. M. Conner, R. J. Warren, and G. O. Ware. 2010. Effects of a supplemental food source and nest density on success of artificial ground nests. *Proceedings of the Southeastern Association of Fish and Wildlife Agencies* 64:56-60.

- Kirby, J. D., J. C. Rutledge, I. G. Jones, L. M. Conner, and R. J. Warren. 2010. Effects of time of day and activity status on bobcat (*Lynx rufus*) cover-type selection in southwestern Georgia. *Southeastern Naturalist* 9:317-326
- Morris, G., L. M. Conner, and M. K. Oli. 2010. Use of supplemental Northern Bobwhite (*Colinus virginianus*) food by non-target species. *Florida Field Naturalist* 38:99-105.
- Temple, D. L., M. J. Chamberlain, and L. M. Conner. 2010. [Spatial ecology, survival and cause-specific mortality of gray foxes \(*Urocyon cinereoargenteus*\) in a longleaf pine ecosystem.](#) *American Midland Naturalist* 163:413-422.
- Alstad, T. I., B. M. Shamblin, R. J. Warren, J. M. Stober, L. M. Conner, R. J. Cooper, and C. J. Nairn. 2009. Novel tetranucleotide and pentanucleotide microsatellite loci in the red-cockaded woodpecker (*Picoides borealis*). *Conservation Genetics Resources* 1:213-215.
- Gammons, D., M. Mengak, and L. M. Conner. 2009. Armadillo habitat selection in southwestern Georgia. *Journal of Mammalogy* 90:356–362.
- Gammons, D., M. Mengak, and L. M. Conner. 2009. [Translocation of nine-banded armadillo.](#) *Human-Wildlife Conflicts* 3:64-71.
- Lynch, G. S., J. D. Kirby, R. J. Warren, and L. M. Conner. 2008. [Bobcat spatial distribution and habitat use relative to population reduction.](#) *Journal of Wildlife Management* 72:107-112.
- Perkins, M. W., L. M. Conner, and M. B. Howze. 2008. The importance of hardwood trees in the longleaf pine forest ecosystem for Sherman's fox squirrels. *Forest Ecology and Management* 255:1618-1625.
- Turner, A. S., L. M. Conner, and R. J. Cooper. 2008. [Supplemental feeding of northern bobwhite affects red-tailed hawk spatial distribution.](#) *Journal of Wildlife Management* 72:428-432.
- Miller, D. A., and L. M. Conner. 2007. [Habitat selection of female turkeys in a managed pine landscape in Mississippi.](#) *Journal of Wildlife Management* 71:744-751.
- Steen, D. A., L. L. Smith, L. M. Conner, J. C. Brock, and S. K. Hoss. 2007. [Habitat use of sympatric rattlesnake species within the Gulf Coastal Plain.](#) *Journal of Wildlife Management* 71:759-764.
- Stober, J. M., and L. M. Conner. 2007. [Scent deterrence to reduce southern flying squirrel kleptoparasitism of red-cockaded woodpecker cavities.](#) *Human-Wildlife Conflicts* 1:45-48.

- Borgo, J. S., L. M. Conner, and M. R. Conover. 2006. [Role of predator odor in roost site selection of southern flying squirrels.](#) Wildlife Society Bulletin 34:144-149.
- Borgo, J. S., M. R. Conover, and L. M. Conner. 2006. [Nest boxes reduce flying squirrel use of red-cockaded woodpecker cavities.](#) Wildlife Society Bulletin 34:171-176.
- Cochrane, J. C., J. D. Kirby, I. G. Jones, L. M. Conner, and R. J. Warren. 2006. [Spatial organization of adult bobcats in a longleaf pine-wiregrass ecosystem in southwestern Georgia.](#) Southeastern Naturalist 5:711-724.
- Miles, A. C., S. B. Castleberry, D. A. Miller, and L. M. Conner. 2006. [Multi-scale roost-site selection by evening bats on pine-dominated landscapes in southwest Georgia.](#) Journal of Wildlife Management 70:1191-1199.
- Miles, A. C., D. A. Miller, S. B. Castleberry, and L. M. Conner. 2006. [Bat community structure and activity in longleaf and loblolly pine forests of southwest Georgia.](#) Proceedings of the Southeastern Association of Fish and Wildlife Agencies 60:1-7.
- Plowman, B. W., L. M. Conner, M. J. Chamberlain, B. D. Leopold, and L. W. Burger. 2006. [Annual dynamics of bobcat \(*Lynx rufus*\) home range and core use areas in Mississippi.](#) American Midland Naturalist 156:386-393.
- Smith, L. L., D. A. Steen, J. M. Stober, M. C. Freeman, S. W. Golladay, L. M. Conner, and J. C. Cochrane. 2006. [The vertebrate fauna of Ichauway, Baker County, GA.](#) Southeastern Naturalist 5:599-620.
- Conner, L. M., M. D. Smith, and L. W. Burger. 2005. [A comparison of distance-based and classification-based analyses of habitat use: Reply.](#) Ecology 86:3125-3129. Reproduced with permission of the Ecological Society of America © 2005.
- Godbois, I. A., L. M. Conner, B. D. Leopold, and R. J. Warren. 2005. [Effect of diet on mass loss of bobcat scat after exposure to field conditions.](#) Wildlife Society Bulletin 33:149-153.
- Miller, D. A., and L. M. Conner. 2005. [Seasonal and annual home ranges of eastern wild turkeys in a managed pine landscape in Mississippi.](#) Proceedings of the Southeastern Association of Fish and Wildlife Agencies 59:89-99.

Grants and Contracts: (Past 5 years)

- Conner, L. M. The effect of removal of novel stimuli on trapping success of coyotes (*canis latrans*) in Southwestern Georgia. Mississippi State University. June 24, 2010–September 30, 2011. \$10,000. Did not receive any funds in 2010.

Conner, L. M. Effects of hunting on gobbling chronology. National Wild Turkey Federation. August 17, 2010–December 31, 2011. \$9,974. Received in 2010, \$9,974.

Conner, L. M., R. J. Warren, G. S. Sledge, and S. B. Castleberry. Development, validation and refinement of habitat suitability models for selected wildlife species on Fort Bragg. University of Georgia. October 1, 2007–December 31, 2010. \$25,000. Received in 2008, \$8,000. Received in 2009, \$6,346. Received in 2010, \$10,655.

Kirkman, L. K., L. M. Conner, and R. K. McIntyre. Longleaf pine ecosystem conservation III. National Fish and Wildlife Foundation. September 1, 2007 – December 31, 2012. \$196,500. Received in 2007, \$5,826. Received in 2008, \$33,592. Received in 2009, \$28,610. Received in 2010, \$7,597.

Kirkman, L. K., R. K. McIntyre, and L. M. Conner. Enhancing longleaf ecosystem understory. National Fish and Wildlife Foundation. October 31, 2007–June 31, 2011. \$82,000. Received in 2008, \$923. Received in 2009, \$15,039. Received in 2010, \$26,955.

Mitchell, R. J., L. K. Kirkman, L. M. Conner, L. L. Smith, J. Priddy, P. Yates, M. C. Mack, J. R. Walters and R. D. Sutter. Developing dynamic reference models and a decision support framework for southeastern ecosystems: An integrated approach. Strategic Environmental Research and Development Program. March 26, 2009–March 25, 2014. \$1,351,138. Received in 2009, \$268,902. Received in 2010, \$250,084.

Outreach Publications and Reports to Natural Resource Agencies: (Past 5 years)

Gammons, D. J., M. T. Mengak, and L. M. Conner. 2005. Evaluation of attractants for live-trapping nine-banded armadillos. WSFR- Wildlife Management Series No. 4.

Miles, A. C., S. B. Castleberry, D. A. Miller, and L. M. Conner. 2005. Bat community structure, bat activity, and roost site selection in loblolly and longleaf pine forests of Georgia: Final Report. Bat Conservation International.

Current Jones Center Research:

Conner, L. M., and L. L. Smith. The ecological role of mesopredators, the effects of mesopredator control and habitat approaches for managing predation.

Mitchell, R. J., L. K. Kirkman, L. R. Boring, and L. M. Conner. Productivity and biodiversity patterns: Controls in a southeastern coastal plain landscape (the forest productivity project).

Mitchell, R. J., S. B. Jack, R. K. McIntyre, L. K. Kirkman, L. L. Smith, and L. M. Conner. Ecological forestry project: Silviculture that sustains and restores native biodiversity of pinelands in the Southeastern Coastal Plain: Legacies, fire and recovery periods.

Recent Student Advisement:

Michael Cherry. Current. Coyote-deer interactions. M.S. student, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren)

Elizabeth Gleim. Current. Tick-borne diseases and interactions with deer herds and prescribed fire. Ph.D. student, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Michael Yabsley).

Binab Karmacharya. Current. Population demography of southern flying squirrels in a longleaf pine ecosystem. M.S. student, Wildlife Ecology and Conservation, University of Florida. (Co-advisor with Madan Oli).

Jason Scott. Current. Developing wildlife habitat models for selected species at Fort Bragg. Ph.D. student, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Steven Castleberry and Bob Warren).

David A. Steen. Current. Associations between upland snake assemblages and longleaf pine forests. Ph.D. student, Biological Sciences, Auburn University, Auburn, Alabama. (Co-advisor with Craig Guyer and Lora Smith).

Travis Alstad. 2010. Conservation genetics of the red-cockaded woodpecker. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren and Joe Nairn).

Gail Morris. 2010. Effects of mammalian predator exclusion, supplemental feeding, and prescribed fire on small mammal populations in a longleaf pine ecosystem. M.S., Wildlife Ecology and Conservation, University of Florida, Gainesville, Florida. (Co-advisor with Madan Oli).

- Brent Howze. 2009. The effect of predation on white-tailed deer recruitment at the Joseph W. Jones Ecological Research Center. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Max Lang. 2008. Effects of intensive predator harvest during the quail nesting season on diet, age, and reproduction of meso-mammalian predators. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Anna Derrick. 2007. Small mammal responses to prescribed fire and simulated mammal removal in a longleaf pine ecosystem. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Steven Castleberry).
- Danielle Temple. 2007. Spatial ecology of gray foxes on a longleaf pine forest and the surrounding landscape in southwestern Georgia. M.S., School of Forestry, Wildlife, and Fisheries, Louisiana State University, Baton Rouge, Louisiana. (Co-advisor with Mike Chamberlain).
- Jason Keenan. 2007. Comparison of two techniques to determine bobcat habitat selection and an analysis of habitats within overlapping and non-overlapping bobcat home ranges. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Danny Gammons. 2006. Radio telemetry studies of armadillos in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Allison Reid. 2006. Spatial genetic structure of four bobcat populations in the southeastern U.S. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Greg Lynch. 2005. Effects of removal on spatial organization and habitat use of bobcats. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Adam Miles. 2005. Bat community structure, foraging activity, and evening bat roost site selection in loblolly pine and longleaf pine forests of Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Steven Castleberry).
- Ashley Sexton. 2005. Home range and habitat use of red-tailed hawks in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Cooper).