

Summary Curriculum Vitae 2007

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 is currently an Associate Editor for 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:

PhD, Wildlife Ecology. Mississippi State University. May 1995.

MS, Wildlife Ecology. Mississippi State University. May 1991.

BS, Wildlife Biology. University of Tennessee at Martin. May 1988.

Professional Experience:

2002 – present: Associate Scientist, Joseph W. Jones Ecological Research Center

2004 - present: Adjunct Assistant Professor, Louisiana State University

2001 – present: Adjunct Assistant Professor, Utah State University

1999 – present: Adjunct Assistant Professor, University of Georgia

1997 – 2001: Assistant Scientist, Joseph W. Jones Ecological Research Center

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 5 years):

- Miller DA and LM Conner. 2007. [Habitat selection of female turkeys in a managed pine landscape in Mississippi.](#) Journal of Wildlife Management 71:744-751.
- Steen DA, LL Smith, LM Conner, JC Brock and SK Hoss. 2007. [Habitat use of sympatric rattlesnake species within the Gulf Coastal Plain.](#) Journal of Wildlife Management 71:759-764.
- Stober JM and LM Conner. 2007. [Scent deterrence to reduce southern flying squirrel kleptoparasitism of red-cockaded woodpecker cavities.](#) Human-Wildlife Conflicts 1:45-48.
- Borgo JS, LM Conner and MR Conover. 2006. [Role of predator odor in roost site selection of southern flying squirrels.](#) Wildlife Society Bulletin 34:144-149.
- Borgo JS, MR Conover and LM Conner. 2006. [Nest boxes reduce flying squirrel use of red-cockaded woodpecker cavities.](#) Wildlife Society Bulletin 34:171-176.
- Cochrane JC, JD Kirby, IG Jones, LM Conner and RJ Warren. 2006. [Spatial organization of adult bobcats in a longleaf pine-wiregrass ecosystem in southwestern Georgia.](#) Southeastern Naturalist 5:711-724.
- Miles AC, SB Castleberry, DA Miller and LM 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 AC, DA Miller, SB Castleberry and LM 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 BW, LM Conner, MJ Chamberlain, BD Leopold and LW Burger. 2006. [Annual dynamics of bobcat \(*Lynx rufus*\) home range and core use areas in Mississippi.](#) American Midland Naturalist 156:386-393.
- Smith LL, DA Steen, JM Stober, MC Freeman, SW Golladay, LM Conner and JC Cochrane. 2006. [The vertebrate fauna of Ichauway, Baker County, GA.](#) Southeastern Naturalist 5:599-620.
- Conner LM, MD Smith and LW 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 IA, LM Conner, BD Leopold and RJ Warren. 2005. [Effect of diet on mass loss of bobcat scat after exposure to field conditions](#). Wildlife Society Bulletin 33:149-153.
- Miller DA and LM 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.
- Borg CK, LL Smith, SK Hoss and LM Conner. 2004. [A method for preventing flying squirrel mortality in PVC pipe tree frog refugia](#). Wildlife Society Bulletin 32:1313-1315.
- Godbois IA, LM Conner and RJ Warren. 2004. [Space-use patterns of bobcats relative to supplemental feeding of northern bobwhites](#). Journal of Wildlife Management 68:514–518.
- Jones DD, LM Conner, TH Storey and RJ Warren. 2004. [Prescribed fire and raccoon use of longleaf pine forests: implications for managing nest predation?](#) Wildlife Society Bulletin 32:1255–1260.
- Perkins MW and LM Conner. 2004. [Habitat use of fox squirrels in southwestern Georgia](#). Journal of Wildlife Management 68:509–513.
- Chamberlain MJ, LM Conner, BD Leopold and KD Hodges. 2003. [Space use and multi-scale habitat selection of raccoons in central Mississippi](#). Journal of Wildlife Management 67:334–341.
- Chamberlain MJ, BD Leopold and LM Conner. 2003. [Space use, movements and habitat selection of adult bobcats \(*Lynx rufus*\) in central Mississippi](#). American Midland Naturalist 149:395–405.
- Conner LM and IA Godbois. 2003. [Habitat associated with daytime refugia of fox squirrels in a longleaf pine forest](#). American Midland Naturalist 150:123–129.
- Conner LM and MW Perkins. 2003. Nest predator use of food plots within a forest matrix: an experiment using artificial nests. Forest Ecology and Management 179:223–229.
- Conner LM, M Smith and LW Burger. 2003. [A comparison of distance-based and classification-based analyses of habitat use](#). Ecology 84:526–531.
Reproduced with permission of the Ecological Society of America © 2003.
- Godbois IA, LM Conner and RJ Warren. 2003. [Bobcat diet on an area managed for northern bobwhite](#). Proceedings of the Southeastern Association of Fish and Wildlife Agencies 57:222–227.

- Godbois IA, LM Conner and RJ Warren. 2003. [Habitat use of bobcats at two spatial scales in southwestern Georgia](#). Proceedings of the Southeastern Association of Fish and Wildlife Agencies 57:228–234.
- Perkins MW and LM Conner. 2003. [Bachman's sparrow habitat in the lower Flint River Basin, Georgia](#). Proceedings of the Southeastern Association of Fish and Wildlife Agencies 57:235–242.
- Chamberlain MJ, LM Conner and BD Leopold. 2002. [Seasonal habitat selection by raccoons \(Procyon lotor\) in intensively managed pine forests of central Mississippi](#). American Midland Naturalist 147:102–108.
- Conner LM. 2002. [A technique to locate isolated populations using satellite imagery](#). Wildlife Society Bulletin 30:1044–1049.
- Jones DD, LM Conner, RJ Warren and GO Ware. 2002. [The effect of supplemental prey and prescribed fire on success of artificial nests](#). Journal of Wildlife Management 66:1112–1117.
- Rutledge BT and LM Conner. 2002. [Potential effects of groundcover restoration on breeding bird communities in longleaf pine stands](#). Wildlife Society Bulletin 30:354–360.

Grants and Contracts: (Past 5 years)

- Castleberry SB, RJ Warren and LM Conner. 2007. Development, validation, and refinement of habitat suitability models for selected wildlife species on Fort Bragg. Budget \$250,000.00. Project duration: 3 years.
- Kirkman LK and LM Conner. Longleaf pine understory restoration. 2007. Funded by the National Fish and Wildlife Foundation. Budget \$197,000.00. Project duration: 1 year.
- Warren RJ and LM Conner, LM. 2005. A 6-year Study of Diet, Age, and Reproductive Responses of Mesomammals to Intensive Predator Removal. Funded by the Berryman Institute. Budget \$ 15,000.00. Project duration: 1 year.
- Conner LM and RJ Warren. 2005. Effects of bobcat harvest on behavior of remaining bobcats. The Berryman Institute. Funded by the Berryman Institute. Budget: \$ 15,000.00. Project duration: 1 year.
- Conner LM and LL Smith. 2004. The ecological role of predators in the longleaf pine ecosystem and habitat management approaches for reducing nest predation. Funded by the National Fish and Wildlife Foundation. Budget: \$ 49,257. Project duration: 1 year.

Conner LM. 2004. Wild Turkey Ecology Relative to Forest Management: An Analysis and Summary of Data from the Kemper County Project. Funded by The Weyerhaeuser Company. Budget: \$ 40,000.00. Project duration: 2 years.

Smith LL and LM Conner. 2004. Development and Validation of a GIS-based Model for Identifying Potential Flatwoods Salamander Habitat in the Coastal Plain of Georgia. Funded by the Georgia Department of Natural Resources. Budget: \$ 27,700.00. Project duration: 1 year.

Castleberry SB, DA Miller and LM Conner. 2003. Bat community structure, foraging activity, and roost site selection at multiple spatial scales in loblolly pine and longleaf pine forests of Georgia: Phase II. Funded by Bat Conservation International. Budget: \$ 3,500.00. Project duration: 1 year.

Smith LL and LM Conner. 2002. Impact of human land use on natural habitats and nongame wildlife species in the Flint River basin. Funded by the Georgia Department of Natural Resources. Amount of grant \$ 27,000. Project Duration: 1 year.

Miller DA, S Castleberry and LM Conner. 2002. Bat community structure, foraging activity, and roost site selection at multiple spatial scales in loblolly pine and longleaf pine forests of Georgia. Funded by NCASI and Bat Conservation International. Budget \$ 90,600. Project duration: 2 years.

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

Gammons DJ, MT Mengak and LM Conner. 2005. Evaluation of attractants for live-trapping nine-banded armadillos. WSFR- Wildlife Management Series No. 4.

Miles AC, SB Castleberry, DA Miller and LM Conner. 2005. Bat community structure, bat activity, and roost site selection in loblolly and longleaf pine forests of Georgia: Final Report. Bat conservation International.

Smith LL and LM Conner. 2004. Development of a GIS-based Model for Identifying Potential Flatwoods Salamander Habitat in the Coastal Plain of Georgia. Final Report to Georgia Department of Natural Resources, Wildlife Resource Division.

Conner LM and LL Smith. 2003. Impacts of human land use on natural habitats and nongame wildlife species in the Flint River basin, Final Report to Georgia Department of Natural Resources, Wildlife Resource Division.

Godbois IA, RJ Warren and LM Conner. 2002. Habitat preference and diet of bobcats on land managed for northern bobwhite in southwest Georgia. Proceedings of the Longleaf Alliance Meeting. Charleston SC.

Current Jones Center Research

Conner LM and LL Smith. 2002. The Ecological Role of Mesopredators, the Effects of Mesopredator Control and Habitat Approaches for Managing Predation.

Mitchell RJ, LK Kirkman, LR Boring and LM Conner. 2001. Productivity and biodiversity patterns: controls in a southeastern coastal plain landscape.

Recent Student Advisement:

Sarah Gallagher. Current. Berryman Institute, Utah State University, Logan Utah. (Co-advisor with Mike Conover)

Brent Howze. Current. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).

Max Lang. Current. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).

Mary Johnson. Current. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).

Anna Derrick. Current. Warnell School of Forestry and Natural Resources, The 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. 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, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).

Danny Gammons. 2006. Radio telemetry studies of armadillos in southwestern Georgia. Warnell School of Forestry and Natural Resources, The 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. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).

- Greg Lynch. 2005. Effects of removal on spatial organization and habitat use of bobcats. Warnell School of Forestry and Natural Resources, The 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. Warnell School of Forestry and Natural Resources, The 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. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Cooper).
- Jennifer Borgo. 2004. Reducing southern flying squirrel use of red-cockaded woodpecker cavities. The Berryman Institute, Utah State University. (Co-advisor with Mike Conover).
- Jordona Doughty. 2004. Bobcat (*Lynx rufus*) ecology in a longleaf pine ecosystem in southwestern Georgia. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Jessica Cochrane. 2003. Ecology of bobcats in a longleaf pine forest in southwestern Georgia. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Ivy Godbois. 2003. Ecology of bobcats on land managed for northern bobwhite in southwestern Georgia. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Brian Schoch. 2003. Diet, age, and reproduction of mesomammalian predators in response to intensive removal during the quail nesting season. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- David Jones. 2001. Can increasing food availability alter foraging behavior of potential nest predators? Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Theresa Story. 2001. Effects of diversionary feeding on raccoon foraging behavior in southwestern Georgia. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).