

SUMMARY CURRICULUM VITAE

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

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; he is the current Secretary-Treasurer of the Southeastern Section of 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:

August 2011 - present: Scientist, Joseph W. Jones Ecological Research Center

2002 - August 2011: Associate Scientist, Joseph W. Jones Ecological Research Center

2013 - present: Adjunct Assistant Professor: University of Tennessee

2013 - present: Courtesy Assistant Professor, University of Florida

2007 - 2012: Adjunct Assistant Professor, University of Florida

2013 - present: Affiliate Assistant Professor: Auburn University

2012 - 2012: Adjunct Assistant Professor, Auburn 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

Recent Publications:

Wood, J. D., B. S. Cohen, L. M. Conner, B. A. Collier, and M. J. Chamberlain. Nest and brood site selection of Eastern wild turkeys. *The Journal of Wildlife Management*. doi: 10.1002/jwmg.21562. *In Press*.

Klopmeier, N. W., S. M. Pesi, G. Morris, and M. Conner. 2018. Sinkholes as a source of wildlife mortality. *Southeastern Naturalist* 17(4):N64-N67

Potash, A. D., L. M. Conner, and R. A. McCleery. 2018. Extreme movements of an individual male fox squirrel. *Southeastern Naturalist* 17(3):N40-N43.

Cherry, M. J., R. B. Chandler, E. P. Garrison, D. A. Crawford, B. D. Kelly, D. B. Shindle, K. G. Godsea, K. V. Miller, and L. M. Conner. 2018. Wildfire affects space use and movement of white-tailed deer in a tropical pyric landscape. *Forest Ecology and Management* 409:161-169.

Gulsby, W. D., M. J. Cherry, J. T. Johnson, L. M. Conner, and K. V. Miller. 2018. Behavioral response of whitetailed deer to coyote predation risk. *Ecosphere* 9(3):e02141. 10.1002/ecs2.2141.

Little, A. R., L. M. Conner, M. J. Chamberlain, N. P. Nibbelink, and R. J. Warren. 2018. Adult bobcat (*Lynx rufus*) habitat selection in a longleaf pine savanna. *Ecological Processes* 7(1), 1-12. doi: 10.1186/s13717-018-0129-5.

Wood, J. W., B. S. Cohen, T. J. Prebyl, L. M. Conner, B. A. Collier, and Michael J. Chamberlain. 2018. Time-since-fire and stand seral stage affect habitat selection of eastern wild turkeys in a managed longleaf pine ecosystem. *Forest Ecology and Management* 411:203-212.

Cherry, M. J., P. E. Howell, C. D. Seagraves, R. J. Warren, and L. M. Conner. 2017. Effects of land cover on coyote abundance. *Wildlife Research* 43:662-670.

Cherry, M. J., R. J. Warren, and L. M. Conner. 2017. Fire-mediated foraging tradeoffs in white-tailed deer. *Ecosphere* 8(4):e01784. 10.1002/ecs2.1784.

- Chitwood, M. C., M. A. Lashley, J. C. Kilgo, M. J. Cherry, L. M. Conner, M. Vukovich, H. S. Ray, C. Ruth, R. J. Warren, C. S. DePerno, and C. E. Moorman. 2017. Are camera surveys useful for assessing recruitment in white-tailed deer? *Wildlife Biology*. doi 10.2981/wlb.00178.
- Conner, L. M., and M. J. Cherry. 2017. Considering herbivory and predation in forest management. Pages 141-152 in L. K. Kirkman, and S. B. Jack (eds.). *Ecological Restoration and Management of Longleaf Pine Forests*. CRC Press, Boca Raton, Florida.
- Darracq, A. K., L. L. Smith, D. H. Oi, L. M. Conner, and R. A. McCleery. 2017. Invasive ants influence native lizard populations. *Ecosphere* 8(1):e01657. 10.1002/ecs2.1657.
- Deuel, N. R., L. M. Conner, K. V. Miller, M. J. Chamberlain, M. J. Cherry, and L. V. Tannenbaum. 2017. Gray fox home range, spatial overlap, mated pair interactions and extra-territorial forays in southwestern Georgia, USA. *Wildlife Biology*. doi:10.2981/wlb.00326.
- Deuel, N. R., L. M. Conner, K. V. Miller, M. J. Chamberlain, M. J. Cherry, and L. V. Tannenbaum. 2017. Habitat selection and diurnal refugia of gray foxes in southwestern Georgia, USA. *PLoS ONE* 12(10):e0186402.
- Kirby, R. B., L. I. Muller, M. J. Chamberlain, and M. Conner. 2017. Hardwood management and restoration of longleaf pine ecosystems may affect raccoon daytime resting sites. *Restoration Ecology* 25:424-431.
- Morris, G., and L. M. Conner. 2017. Assessment of accuracy, fix success rate, and use of estimated horizontal position error (EHPE) to filter inaccurate data collected by a common commercially available GPS logger. *PLoS ONE* 12(11): e0189020. <https://doi.org/10.1371/journal.pone.0189020>.
- Smith, L. L., J. A. Cox, L. M. Conner, R. A. McCleery, and E. M. Schlimm. 2017. Management and restoration for wildlife. Pages 233-251 in L. K. Kirkman, and S. B. Jack (eds.). *Ecological Restoration and Management of Longleaf Pine Forests*. CRC Press, Boca Raton, Florida.
- Turner, K. L., E. F. Abernethy, L. M. Conner, O. E. Rhodes, Jr., and J. C. Beasley. 2017. Abiotic and biotic factors modulate carrion fate and vertebrate scavenging communities. *Ecology* 98:2413-2424.
- Warren, A. E., S. B. Castleberry, D. Markewitz, and L. M. Conner. 2017. Understory vegetation structure and soil characteristics of *Geomys pinetis* (Southeastern pocket gopher) habitat in southwestern Georgia. *American Midland Naturalist* 178:215-225.

- Warren, A. E., L. M. Conner, S. B. Castleberry, and D. Markewitz. 2017. Home range, survival, and activity patterns of the southeastern pocket gopher: implications for translocation. *Journal of Fish and Wildlife Management* 8:544-557.
- Block, W. M., L. M. Conner, P. A. Brewer, P. Ford, J. Haufler, A. Litt, R. E. Masters, L. R. Mitchell and J. Park. 2016. Effects of prescribed fire on wildlife and wildlife habitats in selected ecosystems of North America. *The Wildlife Society Technical Review* 16-01. The Wildlife Society, Bethesda, Maryland, USA. 69 pp.
- Cherry, M. J., K. E. Morgan, B. T. Rutledge, L. M. Conner, and R. J. Warren. 2016. Can coyote predation risk induce reproduction suppression in white-tailed deer? *Ecosphere* 7(10):e01481. 10.1002/ecs2.1481.
- Cherry, M. J., K. L. Turner, M. B. Howze, D. S. Cohen, L. M. Conner, and R. J. Warren. 2016. Coyote diets in a longleaf pine ecosystem. *Wildlife Biology* 22:64-70.
- Cherry, M. J., R. J. Warren, and L. M. Conner. 2016. Fear, fire, and behaviorally mediated trophic cascades in a frequently burned savanna. *Forest Ecology and Management* 368:133-139.
- Conner, L. M., M. J. Cherry, B. T. Rutledge, C. H. Killmaster, G. Morris, and L. L. Smith. 2016. Predator exclusion as a management option for increasing white-tailed deer recruitment. *Journal of Wildlife Management* 80:162-170.
- Darracq, A. K., L. M. Conner, J. S. Brown, and R. A. McCleery. 2016. Cotton rats alter foraging in response to an invasive ant. *PLoS ONE* 11(9):e0163220. doi:10.1371/journal.pone.0163220.
- Kirby, R. B., M. J. Cherry, L. I. Muller, R. J. Warren, M. J. Chamberlain, and L. M. Conner. 2016. Indirect predation management in a longleaf pine ecosystem: hardwood removal and the spatial ecology of raccoons. *Forest Ecology and Management* 381:327-334.
- Little, A. R., J. F. Benson, M. J. Chamberlain, L. M. Conner, and R. J. Warren. 2016. Survival and cause-specific mortality of female eastern wild turkeys in two frequently-burned longleaf pine savannas. *Wildlife Biology* 22:238-245.
- Little, A. R., M. J. Chamberlain, L. M. Conner, R. J. Warren. 2016. Habitat selection of wild turkeys in burned longleaf pine savannas. *Journal of Wildlife Management* 80:1280-1289.
- Little, A. R., N. P. Nibbelink, M. J. Chamberlain, L. M. Conner, and R. J. Warren. 2016. Eastern wild turkey nest site selection in two frequently burned pine savannas. *Ecological Processes* 5:1-10.

- Morris, G., and L. M. Conner. 2016. Effects of forest management practices, weather, and indices of nest predator abundance on nest predation: a 12-year artificial nest study. *Forest Ecology and Management* 366:23-31.
- Cherry, M. J., L. M. Conner, and R. J. Warren. 2015-16. On guard: how coyotes affect deer foraging behavior. *Quality Whitetails* 22(6):36-38.
- Cherry, M. J., L. M. Conner, and R. J. Warren. 2015. Effects of predation risk and group dynamics on white-tailed deer foraging behavior in a longleaf pine savanna. *Behavioral Ecology* 26:1091-1099.
- Cherry, M. J., P. Howell, R. J. Warren, and L. M. Conner. 2015. [*Gopherus polyphemus* \(Gopher tortoise\). Coyotes denning in gopher tortoise burrow.](#) *Herpetological Review* 46:618.
- Colbert, D. S., J. A. Ruttinger, M. Streich, M. Chamberlain, L. M. Conner, and R. J. Warren. 2015. Application of autonomous recording units to monitor gobbling activity by wild turkeys. *Wildlife Society Bulletin* 39:757-763.
- Conner, L. M., and G. Morris. 2015. [Impacts of mesopredator control on conservation of mesopredators and their prey.](#) *PLoS ONE* 10(9):e0137169. doi: 10.1371/journal.pone.0137169.
- Cherry, M. J., L. M. Conner, and R. J. Warren. 2015. Effects of predation risk and group dynamics on white-tailed deer foraging behavior in a longleaf pine savanna. *Behavioral Ecology* 26:1091-1099.
- Long, A. K., D. D. Knapp, L. McCullough, L. L. Smith, L. M. Conner, and R. A. McCleery. 2015. Southern toads alter their behavior in response to red-imported fire ants. *Biological Invasions* 17:2179-2186.
- Nelson, M. A., M. J. Cherry, M. B. Howze, R. J. Warren, and L. M. Conner. 2015. [Coyote and bobcat predation on white-tailed deer fawns in a longleaf pine ecosystem in southwestern Georgia.](#) *Journal of the Southeastern Association of Fish and Wildlife Agencies* 2:208-213.
- Streich, M. M., A. R. Little, M. J. Chamberlain, L. M. Conner, and R. J. Warren. 2015. [Habitat characteristics of eastern wild turkey nest and ground-roost sites in two longleaf pine forests.](#) *Journal of the Southeastern Association of Fish and Wildlife Agencies* 2:164-170.

- Gleim, E. R., L. M. Conner, R. D. Bergaus, M. L. Levin, G. E. Zemstova and M. J. Yabsley. 2014. [The phenology of ticks and the effects of long-term prescribed burning on tick population dynamics in southwestern Georgia and northwestern Florida.](#) PLoS ONE 9(11): e112174. doi:10.1371/journal.pone.0112174.
- Hiers, J. K., J. R. Walters, R. J. Mitchell, J. M. Varner, L. M. Conner, L. A. Blanc, and J. Stowe. 2014. Ecological value of retaining pyrophytic oaks in longleaf pine ecosystems. *Journal of Wildlife Management* 78:383-393.
- Little, A. R., M. M. Streich, M. J. Chamberlain, L. M. Conner, and R. J. Warren. 2014. Eastern wild turkey reproductive ecology in frequently-burned longleaf pine savannas. *Forest Ecology and Management* 331:180-187.
- Ruttinger, J. A., D. S. Colbert, R. J. Warren, L. M. Conner, and M. J. Chamberlain. 2014. Using thermal imaging cameras with radiotelemetry to locate roost sites of male wild turkeys. *Wildlife Society Bulletin* 38:884-886.
- Cherry, M. J., M. A. Nelson, R. J. Warren, and L. M. Conner. 2013. Photo sensors increase likelihood of detection of expelled vaginal implant transmitters. *Wildlife Society Bulletin* 37:846-850.
- Gleim, E. R. L. M. Conner, and M. J. Yabsley. 2013. The effects of *Solenopsis invicta* (*Hymenoptera: Formicidae*) and habitat type on the survival of *Amblyomma americanum* (Acari: Ixodidae) and *Amblyomma maculatum* (Acari: Ixodidae). *Journal of Medical Entomology* 50:270-276.
- Karmacharya, B., J. A. Hostetler, L. M. Conner, G. Morris, and M. K. Oli. 2013. The influence of mammalian predator exclusion, food supplementation, and prescribed fire on survival of *Glaucomys volans*. *Journal of Mammalogy* 94:672-682.
- Smith, L. L., D. A. Steen, L. M. Conner, and J. C. Rutledge. 2013. Effects of predator exclusion on nest and hatchling survival in the gopher tortoise. *Journal of Wildlife Management* 77:352-358.
- Steen, D. A., L. M. Conner, L. L. Smith, L. Provencher, J. K. Hiers, S. Pokswinski, B. S. Helms, and C. Guyer. 2013. [Bird assemblage response to restoration of fire-suppressed longleaf pine sandhills.](#) *Ecological Applications* 23:134-147.
- Steen, D. A., L. L. Smith, L. M. Conner, A. R. Litt, L. Provencher, J. K. Hiers, S. Pokswinski, B. S. Helms, and C. Guyer. 2013. [Reptile assemblage response to restoration of fire-suppressed longleaf pine sandhills.](#) *Ecological Applications* 23:148-158.

- Steen, D. A., L. L. Smith, G. Morris, L. M. Conner, A. R. Litt, S. Pokswinski, and C. Guyer. 2013. Response of six-lined racerunner *Aspidoscelis sexlineata* to habitat restoration in fire-suppressed longleaf pine (*Pinus palustris*) sandhills. *Restoration Ecology* 21:457-463.
- Allums, S. E., S. P. Opsahl, S. W. Golladay, D. W. Hicks, and L. M. Conner. 2012. Nitrate concentrations in springs flowing into the Lower Flint River Basin, Georgia U.S.A. *Journal of the American Water Resources Association (JAWRA)* 48:423-438.
- Karmacharya, B., J. A. Hostetler, L. M. Conner, G. Morris, and M. K. Oli. 2012. Longleaf pine management practices and their impact on small mammal populations. *Forest Ecology and Management* 271:140-146.
- Zemtsova, G. E., E. Gleim, M. J. Yabsley, L. M. Conner, T. Mann, M. D. Brown, L. Wendland, and M. L. Levin. 2012. Detection of a novel spotted fever group *Rickettsia* in the gophertortoise tick. *Journal of Medical Entomology* 49:783-786.
- 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, A. D., D. A. Miller, and L. M. Conner. 2011. A comparison of ultrasonic detectors and radiotelemetry for studying bat-habitat relationships. *Wildlife Society Bulletin* 35:469-474.
- 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.
- 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, G., J. A. Hostetler, L. M. Conner, and M. K. Oli. 2011. Effects of prescribed fire, supplemental feeding, and mammalian predator exclusion on hispid cotton rat populations. *Oecologia* 167:1005-1016.
- Morris, G., J. A. Hostetler, M. K. Oli, and L. M. Conner. 2011. Effects of predation, fire, and supplemental feeding on populations of two species of *Peromyscus* mice. *Journal of Mammalogy* 92:934-944.

- 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.

Grants and Contracts: (Past 5 years)

Conner, L. M., and K. Miller. Development and evaluation of an unbaited camera survey technique for estimating relative abundance and demographic parameters of white-tailed deer. U.S. Fish and Wildlife Service, subcontracted through University of Georgia. July 01, 2014 – September 30, 2018. \$145,140. Received in 2017, \$14,758.

Conner, L. M., M. J. Cherry, R. Chandler, and K. Miller. Effects of hydrology, hunting, and predation on white-tailed deer dynamics in south Florida. Florida Fish and Wildlife Conservation Commission, subcontracted through University of Georgia. September 29, 2014 – December 31, 2018. \$184,734. Received in 2017, \$1,042.

Conner, L. M., and R. A. McCleery. Collaborative research: EAGER-NEON: NEON sites as a platform for transformative wildlife research. National Science Foundation. October 01, 2015 – September 30, 2018. \$167,148. Received in 2017, \$28,360.

Conner, L. M., and R. A. McCleery. Using an ecosystem engineer to restore functionality of natural pinelands in the southeastern United States. Georgia Department of Natural Resources. January 01, 2016 – September 30, 2018. \$187,153. Received in 2017, \$53,387.

NEON sites as a platform for transformative wildlife research. \$299,611. National Science Foundation. Submitted 2015. Funded 2015. Duration 2 years. PI with Bob McCleery.

Using an ecosystem engineer to restore functionality to natural pinelands in the southeastern United States. \$491,667. State Wildlife Grants Program. Submitted 2015. Funded 2015. Duration 3 years. Co-investigator with Drs. Bob McCleery (PI), Bob Gitzen, and Steven Castleberry.

Movement Ecology of female wild turkeys during the nesting and brooding seasons on Silver Lake Wildlife Management Area. \$232,257.00. Georgia Department of Natural Resources. Submitted 2013. Funded 2014. Duration 3 years. Co-investigator with Mike Chamberlain (PI).

Using wildlife habitat models to evaluate management endpoints for open pine woodland and savanna. \$132,000.00. Gulf Coastal Plain and Ozark Plateau Land Conservation Cooperative. Submitted 2013. Funded 2014. Duration 2 years. PI with Lora Smith.

Effects of hydrology, hunting, and predation on white-tailed deer dynamics in South Florida. \$1,162,602.00. Florida Fish and Wildlife Conservation Commission. Submitted 2014. Funded 2014. Duration 4 years. Co-investigator with Richard Chandler (PI), Mike Cherry, Karl Miller, and Bob Warren.

Seasonal movements and habitat selection of gray foxes relative to prescribed fire and hardwood removal. Department of Defense. \$133,699.00. Submitted 2013. Funded 2013. Duration 3 years. PI with Karl Miller and Mike Chamberlain.

Development and evaluation of an unbaited camera survey technique for estimating relative abundance and demographic parameters of white-tailed deer. \$365,460.00. Georgia Department of Natural Resources. Submitted 2013. Funded 2014. Duration 3 years. Co-investigator with Will Gulsby, Mike Cherry, Charlie Killmaster, and Karl Miller.

Outreach Publications and Reports to Natural Resource Agencies: (Past 7 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:

Bigelow, S. W., S. B. Jack, S. T. Brantley, L. M. Conner, and L. L. Smith. Adaptive silviculture for climate change in southeastern USA.

Brantley, S. T., L. M. Conner, S. Taylor, L. Giencke, G. Morris, and S. Stuber. Longleaf pine ecosystem study.

Smith, L. L., S. W. Golladay, S. T. Brantley, and L. M. Conner. Geographically isolated wetlands in the Coastal Plain landscape.

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

Recent Student Advisement:

Daniel Crawford. Current. Deer ecology. Ph.D. student, Fish and Wildlife Department, Virginia Polytechnic Institute and State University, Blacksburg, Virginia. (Co-advisor with Mike Cherry).

Catherine Frock. Current. An integrative study in the behavioral landscape ecology of Sherman's fox squirrels: implications for animal conservation in a changing world. Ph.D. student, Wildlife Ecology and Conservation, University of Florida, Gainesville, Florida. (Co-advisor with Robert McCleery).

James Johnson. Current. Development and evaluation of a camera survey technique for estimating population parameters of white-tailed deer (*Odocoileus virginianus*). Ph.D. student, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Richard Chandler and Karl Miller).

Jessica Laskowski. Current. Food and fear: Using terrestrial mammals to decouple the drivers of habitat selection. Ph.D. student, Wildlife Ecology and Conservation, University of Florida, Gainesville, Florida. (Co-advisor with Robert McCleery).

Elyse McMahon. Current. Long term water resources. Ph.D. student, Ecosystem Science & Management, Pennsylvania State University, University Park, Pennsylvania. (Co-advisor with Michael Sheriff).

J. T. Pynne. Current. Southeastern pocket gopher project. Ph.D. student, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Steven Castleberry).

Adia Sovie. Current. Response of vertebrates to hardwood and shrub encroachment. Ph.D. student, Wildlife Ecology and Conservation, University of Florida, Gainesville, Florida. (Co-advisor with Robert McCleery).

Michael Biggerstaff. 2018. Using passive cameras to monitor activity patterns of white-tailed deer. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Richard Chandler and Karl Miller).

- Alex Potash. 2018. The environmental drivers of behavioral and physical antipredator adaptations in the southeastern fox squirrel. M.S., Wildlife Ecology and Conservation, University of Florida, Gainesville, Florida. (Co-advisor with Robert McCleery).
- Nicholas Deuel. 2016. Space use, interactions, extra-territorial forays and habitat selection of gray foxes (*Urocyon cinereoargenteus*) in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Michael Chamberlain and Karl Miller).
- Brian Kirby. 2015. Effects of forest management practices on raccoon ecology in a longleaf pine ecosystem. M.S., Wildlife Department, University of Tennessee, Knoxville, Tennessee. (Co-advisor with Lisa Muller).
- Andrew Little. 2015. Ecology of female Eastern wild turkeys (*Meleagris gallopavo silvestris*) in frequently-burned pine savannas in southwestern. Ph.D., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren and Michael Chamberlain).
- Andrea Long. 2015. Effects of an invasive ant on invertebrates in the southeastern United States. Ph.D., Wildlife Ecology and Conservation, University of Florida, Gainesville, Florida. (Co-advisor with Robert McCleery).
- Kelsey Turner. 2015. The effects of habitat type, carcass size, and scavenger species exclusion on vertebrate scavenging communities. M.S. student, Savannah River Ecology Laboratory, University of Georgia. (Co-advisor with James Beasley).
- Michael Cherry. 2014. White-tailed deer, coyotes, and the ecology of fear in a longleaf pine savanna. Ph.D., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Ashley Warren. 2014. Ecology of the southeastern pocket gopher *Geomys pinetis* in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Steven Castleberry).
- Derek Colbert. 2013. Breeding season gobbling chronology in hunted and non-hunted populations of eastern wild turkey (*Meleagris gallopavo silvestris*) in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren and Michael Chamberlain).
- Elizabeth Gleim. 2013. Tick-borne diseases and interactions with deer herds and prescribed fire. Ph.D., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Michael Yabsley).

- Melinda Nelson. 2013. Habitat selection and survival of white-tailed deer fawns in a longleaf pine ecosystem. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- Christina Perez. 2013. Seasonal area of use and habitat selection by female wild turkeys in response to prescribed fire in a managed longleaf pine savanna in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren and Mike Chamberlain).
- Drew Ruttinger. 2013. Habitat and roost selection by male eastern wild turkeys in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren and Michael Chamberlain).
- Meg Williams. 2012. Effects of growing-season prescribed fire on eastern wild turkey (*Meleagris gallopavo silvestris*) nest success and poult survival in southwestern Georgia. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren and Mike Chamberlain).
- Binab Karmacharya. 2011. Small mammal response to food, fire, herbicide and predation in longleaf pine ecosystem. M.S., Wildlife Ecology and Conservation, University of Florida, Gainesville, Florida. (Co-advisor with Madan Oli).
- Jason Scott. 2011. Empirical forecast models for guiding decision-making in complex landscapes with competing wildlife management goals. Ph.D., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Steven Castleberry and Bob Warren).
- David A. Steen. 2011. Wildlife restoration via forest management in fire-suppressed longleaf pine sandhills. Ph.D., 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).
- 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. M.S., Warnell School of Forestry and Natural Resources, University of Georgia, Athens, Georgia. (Co-advisor with Bob Warren).
- 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).
- 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).