

CHRISTOPHER MOORMAN

Department of Forestry and Environmental Resources
Fisheries, Wildlife, and Conservation Biology Program

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ACADEMIC HISTORY

Present Rank: Professor
NCSU University Faculty Scholar
Coordinator - Fisheries, Wildlife, and Conservation Biology Program

Areas of Interest: Global change and wildlife; forest wildlife management with emphasis on fire ecology; conservation of wildlife in agricultural landscapes; avian ecology and conservation in temperate and tropical regions; urban wildlife ecology and management; management of native plant communities.

Education

BS, Wildlife Ecology and Management, University of Georgia; December 1992

MS, Wildlife Ecology and Management, University of Georgia; March 1995

PhD, Wildlife Ecology and Management, Clemson University; May 1999

Employment History

2013-present	Professor; Fisheries, Wildlife, and Conservation Biology Program Coordinator
2008-present	Associate Professor; Fisheries, Wildlife, and Conservation Biology Program Coordinator
2005-2008	Associate Professor/Extension Wildlife Specialist, NCSU
1999-2005	Assistant Professor/Extension Wildlife Specialist, NCSU
1995-1999	Graduate Assistant, Clemson University, Dept. of Forest Resources
1995	Research Assistant, Patuxent Wildlife Research Center - UGA
1993-1995	Graduate Assistant, University of Georgia, School of Forest Resources

SELECT EXAMPLES OF PROFESSIONAL SERVICE

The Wildlife Society, Certified Wildlife Biologist

- Associate Editor, *Wildlife Society Bulletin* (2002-2004)
- Urban Wildlife Working Group, Member (2005-present); Program Chair (2006); Chair-elect (2007-2009); Chair (2009-2011)
- Southeastern Section Member; Representative to the Student Affairs Committee (1996-1997)

- North Carolina Chapter – President (2005-2006); Executive Board (2002-2010)
- NCSU Student Chapter – Co-adviser (2010-present)

North Carolina Prescribed Fire Council – Past Chair
Associate Editor, *Urban Ecosystems* (2016-present)

SCHOLARLY AND CREATIVE ACTIVITIES

Activity Summary

Book	1 (another under contract)
Refereed Journal Articles	120
Book Chapters and Proceedings, and Peer-edited Articles	22
Research Presentations	>300
External Research Grants (\$10,932,313)	58
External Extension Grants (\$663,141)	21
Internal Research and Extension Grants (\$978,477)	17
Printed and Electronic Extension Publications	39
Popular Articles	29
Extension Presentations/Trainings	~400
Graduate Student Committees	35
Graduate Students Directed/Co-directed	40
Post-docs Directed	5
Courses Developed	7
Courses Delivered	65
Undergraduate Research Directed	12
Current Undergraduate Advisees (2017)	~15

Current Courses

Forest Wildlife (FOR 264), Summer Camp, every year
Forest Wildlife Management (FW 404/595) – fall semester, every year
Tropical Wildlife Ecology in Nicaragua (FW 405/595) – spring semester, even years
Fisheries and Wildlife Sciences Seminar (FW 602/802) – periodically
Fire Ecology (FOR 595 – online), fall semester, every year

BOOKS

Moorman, C. E., S. M. Grodsky, and S. Rupp (Eds.). Under Contract. Renewable Energy and Wildlife Conservation. Johns Hopkins University Press.
McCleery, R. A., C. E. Moorman, and M. N. Peterson (Eds.). 2014. Urban Wildlife Conservation: Theory and Practice. Springer, New York, NY. ISBN 978-1-4899-7499-0.

PEER-REVIEWED JOURNAL ARTICLES SINCE 2013

Greenberg, C. H., C. E. Moorman, C. Snoberger, T. Waldrop, D. Simon, and A. Heh. *In Press*. Herpetofaunal response to fire severity, repeated burning, and mechanical fuel reduction in hardwood forest. *The Journal of Wildlife Management*.

Fish, A. C., C. E. Moorman, C. S. DePerno, J. M. Schillaci, and G. R. Hess. *In Press*. Micro-scale predictors of Bachman's sparrow occupancy at its northern range limit. *Southeastern Naturalist*.

- Grodsky, S. M., C. E. Moorman, S. R. Fritts, J. W. Campbell, C. E. Sorenson, M. A. Bertone, S. B. Castleberry, and T. B. Wigley. *In Press*. Invertebrate community response to coarse woody debris removal for bioenergy production from intensively managed forests. *Ecological Applications*.
- Morina, D. **, M. Lashley, M. C. Chitwood, C. E. Moorman, and C. S. DePerno. *In Press*. Should we use the float test to quantify acorn viability? *Wildlife Society Bulletin*.
- McAlister, M., C. DePerno, J. Fuller, D. Howell, and C. Moorman. *In Press*. A comparison of field methods to estimate resident Canada goose abundance across a large spatial extent. *Wildlife Society Bulletin*.
- Lashley, M. A., M. C. Chitwood, J. S. Nanney**, C. S. DePerno, and C. E. Moorman. 2017. Regenerating white pine (*Pinus strobus*) in the South: seedling position is more important than herbivory protection. *Castanea* 82:156-162.
- Fritts, S. R., C. E. Moorman, S. M. Grodsky, D. W. Hazel, C. B. Farrell, S. B. Castleberry, E. H. Evans, and D. U. Greene. 2017. Rodent response to harvesting woody biomass for bioenergy production. *The Journal of Wildlife Management* 81:1170-1178.
- Lashley, M. A., M. C. Chitwood, C. S. DePerno, and C. E. Moorman. 2017. Frequent fires eliminate understory fruit production. *Forest Ecology and Management* 405:9-12.
- Winiarski, J., J. Carpenter, and C. E. Moorman. 2017. Space use and habitat selection by Bachman's Sparrows at the northern range periphery. *Journal of Field Ornithology* 88:250-261.
- Chitwood, M. C., M. A. Lashley, C. E. Moorman, and C. S. DePerno. 2017. Setting an evolutionary trap: could the hider strategy be maladaptive for white-tailed deer? *Journal of Ethology* 35:251-257.
- Winiarski, J., C. E. Moorman, J. Carpenter, and G. Hess. 2017. Reproductive consequences of habitat fragmentation for a declining resident bird of the longleaf pine ecosystem. *Ecosphere* 8(7):e01898. [10.1002/ecs2.1898](https://doi.org/10.1002/ecs2.1898)
- Chitwood, M. C., M. A. Lashley, C. S. DePerno, and C. E. Moorman. 2017. Considerations on neonatal ungulate capture method: potential for bias in survival estimation and cause of mortality. *Wildlife Biology*. <https://doi.org/10.2981/wlb.00250>
- Chitwood, M. C., M. A. Lashley, J. C. Kilgo, M. Cherry, M. Conner, M. Vukovich, S. Ray, C. Ruth, Jr., R. Warren, C. S. DePerno, and C. E. Moorman. 2017. Are camera surveys useful for assessing recruitment in white-tailed deer? *Wildlife Biology*. <https://doi.org/10.2981/wlb.00178>
- Rodriguez, S., M. N. Peterson, and C. E. Moorman. 2017. Does education influence wildlife friendly landscaping preferences? *Urban Ecosystems* 20:489-496.
- Winiarski, J., A. C. Fish, C. E. Moorman, J. P. Carpenter, C. S. DePerno, and J. M. Schillaci. 2017. Nest-site selection and nest survival of Bachman's Sparrows in two longleaf pine communities. *The Condor: Ornithological Applications* 119:361-374.
- Garabedian, J. E., C. E. Moorman, M. N. Peterson, and J. C. Kilgo. 2017. Use of LiDAR to define habitat thresholds for forest bird conservation. *Forest Ecology and Management* 399:24-36.
- McAlister, M. A., C. E. Moorman, R. K. Meentemeyer, J. C. Fuller, D. L. Howell, and C. S. DePerno. 2017. Using landscape characteristics to predict distribution of temperate-breeding Canada geese. *Southeastern Naturalist* 16:127-139.
- Sasmal, I., M. B. Swingen, C. S. DePerno, and C. E. Moorman. 2017. Influence of vegetation

- type and prescribed fire on *Peromyscus* abundance in a longleaf pine ecosystem. *Wildlife Society Bulletin* 41:49-54.
- Moorman, C. E., R. L. Klimstra, J. F. Marcus, C. A. Harper, and C. Sorenson. 2017. Breeding songbird use of native, warm-season and non-native, cool-season grass forage fields. *Wildlife Society Bulletin* 41:42-48.
- Chitwood, M. C., M. A. Lashley, B. L. Sherrill, C. Sorenson, C. S. DePerno, and C. E. Moorman. 2017. Macroarthropod response to time-since-fire in the longleaf pine ecosystem. *Forest Ecology and Management* 391:390-395.
- Biggerstaff, M. T., M. A. Lashley, M. C. Chitwood, C. E. Moorman, and C. S. DePerno. 2017. Temporal sexual segregation of forage patch use: support for the social-factors hypothesis. *Behavioral Processes* 136:36-42.
- Grodsky, S. M., C. E. Moorman, S. R. Fritts, S. B. Castleberry, and T. B. Wigley. 2016. Breeding, early-successional bird response to forest harvests for renewable bioenergy. *PLoS ONE* 11(10): e0165070. doi:10.1371/journal.pone.0165070.
- Grodsky, S. M., C. E. Moorman, S. R. Fritts, D. W. Hazel, J. A. Homyack, S. B. Castleberry, and T. B. Wigley. 2016. Winter bird use of harvest residues in clearcuts and the implications of forest bioenergy harvest in the southeastern United States. *Forest Ecology and Management* 379:91-101.
- Stevenson, E. R., M. C. Chitwood, M. A. Lashley, K. H. Pollock, M. B. Swingen, C. E. Moorman, and C. S. DePerno. 2016. Survival and cause-specific mortality in an area protected from harvest. *Southeastern Naturalist* 15:459-466.
- Gardner, B., L. A. Garner, D. T. Cobb, and C. E. Moorman. 2016. Factors affecting occupancy and relative abundance of the American alligator at the northern extent of its range. *Journal of Herpetology* 50:541-547.
- Greenberg, C. H., C. E. Moorman, A. L. Raybuck, C. Sundol, T. L. Keyser, J. Bush, D. M. Simon, and G. S. Warburton. 2016. Reptile and amphibian response to oak regeneration treatments in productive southern Appalachian hardwood forest. *Forest Ecology and Management* 377:139-149.
- Bohling, J. H., J. Dellinger, J. M. McVey, D. T. Cobb, C. E. Moorman, and L. P. Waits. 2016. Describing a developing hybrid zone between red wolves and coyotes in eastern North Carolina, USA. *Evolutionary Adaptations* 9:791-804.
- Prince, A., M. C. Chitwood, M. A. Lashley, C. S. DePerno, and C. E. Moorman. 2016. Resource selection by southeastern fox squirrels in a fire-maintained forest system. *Journal of Mammalogy* 97:631-638.
- Lashley, M. A., M. C. Chitwood, C. E. Moorman, and C. S. DePerno. 2016. Do indirect bite count surveys accurately represent diet selection of white-tailed deer in a forested environment? *Wildlife Research* 43:254-260.
- Fritts, S., C. Moorman, D. Hazel, J. Homyack, C. Farrell, S. Castleberry, and S. Grodsky. 2016. Do biomass harvesting guidelines influence herpetofauna following harvests of logging residues for renewable energy? *Ecological Applications* 26:926-939.
- Harper, C. A., W. M. Ford, M. A. Lashley, C. E. Moorman, and M. Stambaugh. 2016. Fire effects on wildlife in the Central Hardwoods and Appalachian regions. *Fire Ecology* 12:127-159.
- Stevenson, K., M. A. Lashley, M. C. Chitwood, M. N. Peterson, and C. E. Moorman. 2015. How emotion trumps logic in climate change risk perception: exploring the affective heuristic among conservation science students. *Human Dimensions of Wildlife* 20:501-513.

- Lashley, M. A., M. C. Chitwood, J. R. Thompson, C. A. Harper, C. S. DePerno, and C. E. Moorman. 2015. Variability in fire prescriptions to promote wildlife foods in the longleaf pine ecosystem. *Fire Ecology* 11:62-79.
- Marshall, S., D. Orr, L. Bradley, S. Frank, and C. Moorman. 2015. A review of organic lawn care practices and policies in North America and the implications of lawn plant diversity and insect pest management. *Hort Technology* 25:437-446.
- Rutledge, M. E., C. E. Moorman, B. E. Washburn, and C. S. DePerno. 2015. Analyzing resident Canada goose movements to reduce the risk of goose-aircraft collisions at suburban airports. *Journal of Wildlife Management* 79:1185-1191.
- Lashley, M. A., M. C. Chitwood, C. A. Harper, C. E. Moorman, and C. DePerno. 2015. Poor soils and density-mediated body weight in deer: forage quality or quantity? *Wildlife Biology* 21:213-219.
- Chitwood, M. C., M. B. Swingen, M. A. Lashley, J. R. Flowers, M. B. Palamar, C. S. Apperson, C. Olfenbittel, C. E. Moorman, and C. S. DePerno. 2015. Parasitology and serology of free-ranging coyotes (*Canis latrans*) in North Carolina. *Journal of Wildlife Diseases* 51:664-669.
- Swingen, M. B., C. S. DePerno, and C. E. Moorman. 2015. Seasonal coyote diet composition at a low-productivity site. *Southeastern Naturalist* 14:397-404.
- Raybuck, A. L., C. E. Moorman, S. R. Fritts, C. H. Greenberg, C. S. DePerno, D. M. Simon, and G. S. Warburton. 2015. Do silvicultural practices to restore oaks affect salamanders in the short term? *Wildlife Biology* 21:186-194.
- Lashley, M. A., M. C. Chitwood, R. Kays, C. A. Harper, C. S. DePerno, and C. E. Moorman. 2015. Prescribed fire affects female white-tailed deer habitat use during summer lactation. *Forest Ecology and Management* 348:220-225.
- Grodsky, S., R. Iglay, C. Sorenson, and C. E. Moorman. 2015. Should invertebrates receive greater inclusion in wildlife research journals? *Journal of Wildlife Management* 79:529-536.
- Fritts, S., S. Grodsky, D. Hazel, J. Homyack, S. Castleberry, and C. E. Moorman. 2015. Quantifying multi-scale habitat use of woody biomass by southern toads. *Forest Ecology and Management* 346:81-88.
- Kilburg, E., C. E. Moorman, C. S. DePerno, D. Cobb, and C. A. Harper. 2015. Wild turkey pre-nesting resource selection in a landscape managed with frequent prescribed burns. *Southeastern Naturalist* 14:137-146.
- Chitwood, M. C., M. A. Lashley, J. C. Kilgo, K. Pollock, C. E. Moorman, and C. S. DePerno. 2015. Do biological and bedsite characteristics influence survival of neonatal white-tailed deer? *PLoS ONE* 10(3): e0119070. doi:10.1371/journal.pone.0119070.
- Serenari, C., M. N. Peterson, F. Cubbage, and C. E. Moorman. 2015. Application of choice experiments to determine stakeholder preferences for woody biomass harvesting guidelines. *Journal of Sustainable Forestry* 34:343-357.
- Taillie, P., C. E. Moorman, and M. N. Peterson. 2015. Using Bachman's sparrow occupancy to guide restoration of longleaf pine ecosystems at multiple scales. *The Condor* 117:137-146.
- Chitwood, M. C., M. A. Lashley, J. C. Kilgo, C. E. Moorman, and C. S. DePerno. 2015. White-tailed deer population dynamics and adult female survival in the presence of a novel predator. *Journal of Wildlife Management* 79:211-219.
- Klimstra, R. L., C. E. Moorman, S. J. Converse, J. A. Royle, and C. A. Harper. 2015. Small

- mammal use of hayed native, warm-season and non-native cool-season forage fields. *Wildlife Society Bulletin* 39:49-55.
- Rutledge, M. E., R. Sollmann, B. E. Washburn, C. E. Moorman, and C. S. DePerno. 2015. Using novel spatial mark-resight techniques to monitor resident Canada geese in a suburban environment. *Wildlife Research* 41:447-453.
- Fritts, S., C. E. Moorman, S. Grodsky, D. Hazel, J. Homyack, C. Farrell, and S. Castleberry. 2015. Shrew response to variable woody debris retention: implications for sustainable forest bioenergy. *Forest Ecology and Management* 336:35-43.
- Fritts, S. R., C. E. Moorman, D. W. Hazel, and B. D. Jackson. 2014. Biomass harvesting guidelines affect downed woody material retention. *Biomass and Bioenergy* 70:382-391.
- Ayers, C. R., C. S. DePerno, C. E. Moorman, H. H. Stibbs, and A. M. Faust. 2014. Survey of Canada goose feces for presence of *Giardia*. *Human-Wildlife Interactions* 8:245-250.
- Lashley, M. A., M. C. Chitwood, C. A. Harper, C. E. Moorman, and C. S. DePerno. 2014. Collection, handling, and analysis of forages for concentrate selectors. *Wildlife Biology in Practice* 10:6-15.
- Prince, A. P., C. S. DePerno, B. Gardner, and C. E. Moorman. 2014. Survival and home range size of southeastern fox squirrels in North Carolina. *Southeastern Naturalist* 12:456-462.
- Lashley, M. A., J. R. Thompson, M. C. Chitwood, C. S. DePerno, and C. E. Moorman. 2014. Evaluation of methods to estimate understory fruit biomass. *PLoS ONE* 9(5):e96898. doi:10.1371/journal.pone.0096898
- Lashley, M. A., M. C. Chitwood, M. T. Biggerstaff, D. L. Morina, C. E. Moorman, and C. S. DePerno. 2014. White-tailed deer vigilance: the influence of social and environmental factors. *PLoS ONE* 9(3):e90652. Doi:10.1371/journal.pone.0090652
- Chitwood, M. C., M. A. Lashley, C. E. Moorman, and C. S. DePerno. 2014. Confirmation of coyote predation on adult female white-tailed deer in the southeastern United States. *Southeastern Naturalist* 13:N30-N32.
- Garabedian, J. E., R. J. McGaughey, S. E. Reutebuch, B. R. Parresol, J. C. Kilgo, C. E. Moorman, and M. N. Peterson. 2014. Quantitative analysis of habitat using high-resolution airborne LiDAR estimates of forest structure and composition. *Remote Sensing of Environment* 145:68-80.
- Moorman, C. E., C. J. Plush, D. Orr, and C. Reberg-Horton. 2013. Beneficial insect borders provide upland northern bobwhite brood habitat. *PLoS ONE* 8(12):e83815. doi:10.1371/journal.pone.0083815.
- Kilburg, E., C. E. Moorman, C. S. DePerno, D. Cobb, and C. A. Harper. 2014. Wild turkey nest survival and nest-site selection in the presence of growing-season prescribed fire. *Journal of Wildlife Management* 78:1033-1039.
- Chitwood, M. C., M. A. Lashley, C. E. Moorman, and C. S. DePerno. 2014. Vocalization observed in starving white-tailed deer neonates. *Southeastern Naturalist* 13:N6-N8.
- Lashley, M. A., M. C. Chitwood, A. Prince, M. E. Elfelt, E. Kilburg, C. S. DePerno, and C. E. Moorman. 2014. Subtle effects of a managed fire regime: a case study in the longleaf pine ecosystem. *Ecological Indicators* 38:212-217.
- Bowling, S. A., C. E. Moorman, and C. S. DePerno. 2014. Influence of landscape composition on northern bobwhite population response to field border establishment. *Journal of Wildlife Management* 78:93-100.
- Garabedian, J. E., C. E. Moorman, M. N. Peterson, and J. C. Kilgo. 2014. Influence of foraging habitat on red-cockaded woodpecker productivity. *Wildlife Biology* 20:37-46.

- Fox, A.F., Reberg-Horton, S.C., Orr, D.B., Moorman, C.E. and Frank, S.D. 2013. Crop and field border effects on weed seed predation in the southeastern U.S. coastal plain. *Agriculture, Ecosystems and Environment* 177:58-62.
- McVey, J. M., D. T. Cobb, R. A. Powell, M. K. Stoskopf, J. Boling, L. P. Waits, and C. E. Moorman. 2013. Diets of sympatric red wolves and coyotes in northeastern North Carolina. *Journal of Mammalogy* 94:1141-1148.
- Charles-Smith, L. E., M. E. Rutledge, C. J. Meek, K. Baine, L. N. Ellsaesser, C. S. DePerno, C. E. Moorman, and L. A. Degernes. 2014. Hematologic parameters and hemoparasites of non-migratory Canada geese (*Branta canadensis*) from Greensboro, North Carolina. *Journal of Avian Medicine and Surgery* 28:16-23.
- Allen, S. C., C. E. Moorman, M. N. Peterson, G. R. Hess, and S. E. Moore. 2013. Predicting success incorporating conservation subdivisions into land use planning. *Land Use Policy* 33:31-35.
- Golden, K. E., M. N. Peterson, C. S. DePerno, R. E. Bardon, and C. E. Moorman. 2013. Factors shaping private landowner engagement in wildlife management. *Wildlife Society Bulletin* 37:94-100.
- Becker, S., C. E. Moorman, C. S. DePerno, and T. Simons. 2013. Quantifiable long-term monitoring on parks and nature preserves. *Southeastern Naturalist* 12:339-352.
- Blackman, E. B., C. S. DePerno, C. E. Moorman, and M. N. Peterson. 2013. Use of crop fields and forest by wintering American woodcock. *Southeastern Naturalist* 12:85-92.
- Moorman, C. E., C. J. Plush, D. Orr, C. Reberg-Horton, and B. Gardner. 2013. Small mammal use of field borders planted as beneficial insect habitat. *Wildlife Society Bulletin* 37:209-215.
- Plush, C. J., C. E. Moorman, D. Orr, and C. Reberg-Horton. 2013. Overwintering sparrow use of field borders planted as beneficial insect habitat. *Journal of Wildlife Management* 77:200-206.
- Rutledge, M. E., R. M. Siletzky, W. Gu, C. E. Moorman, C. S. Deperno, and S. Kathariou. 2013. Prevalence and anti-microbial susceptibility of *Campylobacter* and *Salmonella* in resident Canada geese. *Journal of Wildlife Diseases* 49:1-9.

SELECTED PRESENTATIONS (from over 650 research and extension presentations)

- Reptile and amphibian response to hardwood forest management. Association of Southeastern Biologists Annual Meeting, Asheville, NC.
- An experimental approach to assess the effects of woody biomass harvests on wildlife habitat. International Association of Landscape Ecologists Annual Meeting, Asheville, NC.
- Prescribed fire on non-industrial private forestlands: implications for non-game wildlife. 7th Annual Conference of The Wildlife Society, Nashville, TN.
- Reconciling conflicting requirements for greenways in residential landscapes. 2009 International Symposium on Urban Wildlife and the Environment, Univ. of Massachusetts-Amherst.
- Conserving bobwhite in agricultural landscapes: what research in North Carolina tells us. Natural Resources Conservation Service East Region Biologist and Environmental Compliance Specialist Operation Meeting, Greensboro, NC.
- Woody biomass and wildlife. *Forest Issues Forum* Teleconference, North Carolina State University, Raleigh, NC.

- Using prescribed fire in an urbanizing state. NC Division of SAF Summer Meeting, Carthage, NC.
- Managing for nongame wildlife. *Master Wildlifer 2003* Satellite Series, Clemson University, Clemson, SC.
- Barriers to conservation based development in North Carolina. 15th Annual Conference of The Wildlife Society, Miami, FL.
- Effects of patch size and shape on bird presence and nest survival in scrub-successional riparian buffer habitat. 2008 Annual Meeting of TWS, Miami, FL.

SELECTED EXTENSION PUBLICATIONS (from over 50 popular and web-based pubs)

- C. E. Moorman, and R. A. Hamilton. 2000. Developing Wildlife Friendly Pine Plantations. North Carolina Cooperative Extension Service, Woodland Owner Note #38.
- Moorman, C., M. Johns, L. T. Bowen, and others. 2002. Landscaping for Wildlife with Native Plants. NC Cooperative Extension Service AG-636-3. 12 pp.
- Moorman, C. E. 2002. Burnin' for Wildlife. *Forest Landowner* 61(3):5-9.
- Moorman, C. E. 2003. Think American: Manage Native Plants for Wildlife. *Forest Landowner* 62(3):5-9.

Graduate Student Advisees (all in Fisheries, Wildlife, and Conservation Biology)

- Jamie R. Hull, MS, 2003 (co-directed with George Hess) – Can Urban Greenways Provide High Quality Avian Habitat?
- Liessa T. Bowen, PhD, 2004 – Seasonal Relationship between Birds and Arthropods in Bottomland Forest Canopy Gaps
- Tracey B. Champlin, MS, 2007 – Do Food Availability and Microclimate Determine Bird Use of Forest Canopy Gaps?
- Salina M. Kohut, MS, 2007 (co-directed with George Hess) – Avian Use of Suburban Greenways as Stopover Habitat
- Jason D. Riddle, PhD, 2007 – Maximizing the Impact of Field Borders for Northern Bobwhite and Early-Succession Songbirds
- Charlotte E. Matthews, MS, 2008 – Response of Herpetofaunal Populations to Prescribed Fire and Mechanical Fuel Reduction in the Southern Appalachians
- Corey S. Shake, MS, 2009 – Effects of Buffer Width, Patch Size and Shape, and Landscape Context on Bird Communities and Nest Success in Conservation Reserve Enhancement Program (CREP) Forested Riparian Buffers
- Amelia L. Savage, MS, 2009 – Foraging Habits of Swainson's Warbler in a Managed Forest Landscape
- Chris R. Ayers, MS, 2009 (co-directed with Chris DePerno) – Longevity of FlightControl PLUS Goose Repellency Following Two Mowing Regimes
- Emily Blackman, MS, 2011 (co-directed with Chris DePerno and Nils Peterson) – American Woodcock Use of Crop Fields during Winter
- Kate E. Golden, MS, 2010 (co-directed with Chris DePerno) – Fee-hunting and Wildlife Management Activities by Non-industrial Private Landowners in North Carolina
- Liz Rutledge, PhD (co-directed with Chris DePerno) – Non-migratory Canada Goose Movement Around Piedmont Triad International Airport

Stephen Allen, MS, 2011 (co-directed with Susan Moore) – Identifying Barriers to Implementation of Conservation Subdivisions

Amy Raybuck, MS, 2011 (co-directed with Chris DePerno) – Small Mammal and Herpetofauna Response to Oak Regeneration Treatments in the Southern Appalachian Mountains

Justin McVey, MS, 2012 (co-directed with David Cobb) – Food Habits of Co-occurring Coyote and Red Wolf

Ryan Klimstra, MS – Bird and Small Mammal Use of Native Warm-season and Exotic Cool-season Grass Fields

Charlie Plush, MS, 2011 – Comparing Wildlife Habitat Value of Planted and Fallow Field Borders on an Organic Farm

Shannon Bowling, MS, 2012 – Multi-scale Factors that Influence Northern Bobwhite and Songbird Abundance in CP33 Borders

Sharon Becker Hux, MS, 2012 – Temporal Changes in Amphibian and Reptile Communities in an Urbanized Landscape

Sarah Fritts, PhD, 2014 (co-directed with Dennis Hazel) – Ground-dwelling Wildlife Response to Biomass Harvesting Guidelines Used During Clearcut Harvests

Colter Chitwood, PhD, 2014 (co-directed with Chris DePerno) – White-tailed Deer Fawn Mortality and Movements in the North Carolina Sandhills

Marcus Lashley, PhD, 2014 (co-directed with Chris DePerno) – Effects of Growing-season Prescribed Fire on White-tailed Deer Habitat Use

Morgan Elfelt/Swingen, MS, 2014 (co-directed with Chris DePerno) – Coyote Survival and Movement Ecology in the Longleaf Pine-Wiregrass Ecosystem

Eric Kilburg, MS, 2013 (co-directed with Chris DePerno) - Effects of Growing-season Prescribed Fire on Wild Turkey Habitat Use

Annemarie Prince, MS, 2013 (co-directed with Chris DePerno) - Effects of Growing-season Prescribed Fire on Fox Squirrel Habitat Use

Paul Taillie, MS, 2013 (co-directed with Nils Peterson) – Identifying Predictors to Guide Restoration of Functional Longleaf Ecosystems

Steve Grodsky, PhD, 2016 – Effects of Woody Biomass Harvest on Arthropods and Shrubland Birds

Lindsey Garner, MS, 2017 (co-directed with David Cobb) – Population Status of American Alligator in North Carolina

James Garabedian, PhD, 2017 (co-directed with Nils Peterson) – Influence of Density on Red-cockaded Woodpecker Group Ecology

Byron Levan, MS (co-directed with Chris DePerno) – Managing Vegetation Communities in Wildlife Openings

Alex Fish, MS, 2017 (co-directed with Chris DePerno) – Effects of Military Training Activity on Bachman’s Sparrow Reproductive Ecology

Andy Richardson, MS, 2016 – Dispersal Dynamics of Northern Bobwhite in a Presumed Source Landscape

Jay Winiarski, MS, 2016 – Demographic Characteristics of a Bachman’s Sparrow Population in a Fragmented Landscape

Mark McAlister, MS, 2016 (co-directed with Chris DePerno) – Quantification of Resident Canada Goose Population Density and Distribution in North Carolina

Beth Stevenson, MS, 2016 (co-directed with Chris DePerno) – Coyote Space Use in Relation to Prey Availability

Paul Taillie, PhD – Influence of Salinization in Advance of Sea Level Rise on Wildlife in Eastern North Carolina

Sarah Rosche, MS (co-directed with Chris DePerno) – Effects of Growing-season Prescribed Fire on Northern Bobwhite Habitat Selection

April Boggs, MS – Relationships between Volume of Residual Logging Debris and Vertebrate Diversity

Tony Kroeger, MS (co-directed with Chris DePerno) – Northern Bobwhite Population Ecology in the NC Sandhills

Dan Hannon, MS (co-directed with Chris DePerno) – Use of Hardwood Inclusions by Wildlife in the Longleaf Pine Ecosystem