

Michael J. Cherry

Assistant Professor
Stuart W. Stedman Chair of White-tailed Deer Research
Caesar Kleberg Wildlife Research Institute
Texas A&M University-Kingsville
700 University Blvd, MSC 218
Kingsville, TX 78363
361-593-3370
Michael.Cherry@tamuk.edu

EDUCATION

University of Georgia, Athens, Georgia. Ph.D. Wildlife Ecology and Management.
Dissertation title: Deer, Coyotes, and the Ecology of Fear in a Longleaf Pine Savanna. 2014.

University of Georgia, Athens, Georgia. B.S.F.R. Wildlife Management. 2010.

Santa Fe Community College, Gainesville, Florida. A.A. 2001.

EMPLOYMENT HISTORY

Assistant Professor and Stuart W. Stedman Chair of White-tailed Deer Research,
Caesar Kleberg Wildlife Research Institute, Texas A&M University- Kingsville. 2020-Present

Assistant Professor, Virginia Polytechnic Institute and State University, College of Natural Resources and Environment, Department of Fish and Wildlife Conservation. 2016-2019.

Adjunct Assistant Professor, University of Georgia, Warnell School of Forestry and Natural Resources. 2015-2018.

Post-Doctoral Researcher, Joseph W. Jones Ecological Research Center. 2014-2016.

COURSES TAUGHT

WSC 6390: Spatial Analyses in Wildlife Conservation. 2021. Texas A&M University-Kingsville.

FIW 4334: Mammalogy. Fall 2016, 2017, 2018, 2019. Virginia Tech University.

FIW 6004: Spatial Analyses of Wildlife Habitat. Fall 2017. Virginia Tech University.

FIW 6004: Appalachian and Piedmont Habitat Management. Fall 2017. Virginia Tech University.

COMPLETED GRADUATE STUDENT PROJECTS

Marcelo Jorge, M.S. Virginia Tech University. Linking prescribed fire to wildlife communities on Camp Blanding National Guard Joint Training Center. Fall 2019.

Hunter Ellsworth, MS. Virginia Tech University. Florida panther and white-tailed deer interactions. Fall 2019.

Gisèle Aubin, M.S. Virginia Tech University. White-tailed deer fawn survival in the Central Appalachian Mountains. Spring 2020.

Heather Abernathy, Ph.D., Virginia Tech University. Fire, felids, and the human footprint: Deer and puma spatial ecology and predator-prey interactions in dynamic, subtropical wildlands

CURRENT GRADUATE STUDENT RESEARCH PROJECTS

Joe Hediger, M.S. Candidate, Texas A&M University-Kingsville. Life history tradeoffs in white-tailed deer.

Calvin Ellis, M.S. Candidate, Texas A&M University-Kingsville. Mule deer spatial ecology: implications for chronic wasting disease risk (co-advised with Dr. Levi Heffelfinger).

Miranda Hopper, M.S. Candidate, Texas A&M University-Kingsville. Reproductive ecology of white-tailed deer.

Breanna Green, M.S. Candidate, Texas A&M University-Kingsville. Thermal ecology of deer. (co-advised with Dr. Evan Tanner).

Aidan Branney, M.S. Candidate, Texas A&M University-Kingsville. Bobcat spatial ecology and interactions with ocelots in South Texas thorn scrub. (co-advised with Dr. Mike Tewes).

Bryan Spencer, M.S. Candidate, Texas A&M University-Kingsville. Deer-cattle interaction on the San Antonio Viejo Ranch.

Daniel Crawford, Ph.D. Candidate Texas A&M University-Kingsville. Fire effects on predation risk in a pyric landscape. (co-advised with Dr. Mike Conner).

Braiden Quinlan, M.S. Candidate, Virginia Tech University. Elk population ecology and monitoring. (co-advised with Dr. Mark Ford).

Garrett Clevinger, Ph.D. Candidate, Virginia Tech University. Development of a passive camera technique for monitoring white-tailed deer population dynamics.

Chris Satter, Ph.D. Candidate, Virginia Tech University. Wild pig ecology in southern Florida. (co-advised with Dr. Marcella Kelly).

PUBLICATIONS

Refereed journal articles

Abernathy, H.N., R. B. Chandler, D. A. Crawford, E. P. Garrison, L. M. Conner, K. V. Miller & **M. J. Cherry**. 2021. Behavioral responses to ecological disturbances influence predation risk for a capital breeder. *Landscape Ecology*. <https://doi.org/10.1007/s10980-021-01345-0>

Jorge, M. H., S. E. Sweeten, M. C. True, S. R. Freeze, **M. J. Cherry**, E. P. Garrison, H. Taylor, K. M. Gorman, and W. M. Ford. 2021. Fire, land cover, and temperature drivers of bat activity in winter. *Fire Ecology*, 17: 1-14.

Gaynor, K. M., **M. J. Cherry**, S. L. Gilbert, M. T. Kohl, C. L. Larson, T. M. Newsome, L. R. Prugh, J. P. Suraci, J. K. Young, J. A. Smith, 2021. An applied ecology of fear framework: linking theory to conservation practice. *Animal Conservation*, 24: 308-321.

Johnson, J.T., R. B. Chandler, L. M. Conner, **M. J. Cherry**, C. H. Killmaster, K. L. Johannsen, and K. V. Miller. 2021. Effects of Bait on Male White-Tailed Deer Resource Selection. *Animals*, 11: 2334. <https://doi.org/10.3390/ani11082334>

Dyal, J. R., K. V. Miller, **M. J. Cherry**, G. J. D'Angelo. 2021. Estimating sightability for helicopter surveys using surrogates of white-tailed deer. *Journal of Wildlife Management*. <https://doi.org/10.1002/jwmg.22040>

Jorge, M.H., W.M. Ford, S. E. Sweeten, S. R. Freeze, M. C. True, M J. St. Germain, H. Taylor, K. M. Gorman, E. P. Garrison, **M. J. Cherry**. 2021. Winter roost selection of Lasiurine tree bats in a pyric landscape. *Plos one*, 16(2), p.e0245695.

Crawford, D. A., L. M. Conner, G. Morris, and **M. J. Cherry**. 2021. Predation risk increases intraspecific heterogeneity in white-tailed deer diel activity patterns. *Behavioral Ecology*. <https://doi.org/10.1093/beheco/araa089>.

Peters, R. M., **M. J. Cherry**, J. C. Kilgo, M. J. Chamberlain, K. V. Miller, 2020. White-tailed deer population dynamics following Louisiana black bear recovery. *Journal of Wildlife Management*, 84: 1473-1482.

McNitt, D. C., R. S. Alonso, **M. J. Cherry**, L. M. Fies, M. J. Kelly, 2020. Sex-specific effects of reproductive season on bobcat space use, movement, and resource selection in the Appalachian Mountains of Virginia. *PloS one*, 15(8), p.e0225355.

McNitt, D. C., R. S. Alonso, **M. J. Cherry**, L. M. Fies, M. J. Kelly, 2020. Influence of forest disturbance on bobcat resource selection in the central Appalachians. *Forest Ecology and Management*, 465: 118066.

Smith, J. A., J. P. Suraci, J. S. Hunter, K. M. Gaynor, C. B. Keller, M. S. Palmer, J. L. Atkins, I. Castañeda, **M. J. Cherry**, P. M. Garvey, S. E. Huebner, 2020. Zooming in on mechanistic predator-prey ecology: integrating camera traps with experimental methods to reveal the drivers of ecological interactions. *Journal of Animal Ecology*, 89: 1997-2012.

Jorge, M. H., E. P. Garrison, L. M. Conner, **M. J. Cherry**, 2020. Fire and land cover drive predator abundances in a pyric landscape. *Forest Ecology and Management*, 461: 117939.

Abernathy, H. N., D. A. Crawford, E. P. Garrison, R. B. Chandler, L. M. Conner, K. V. Miller, and **M. J. Cherry**. 2019. Deer movement and resource selection during Hurricane Irma: implications for extreme climatic events and wildlife. *Proceedings of the Royal Society B*, 286: 20192230.

Kilgo, J. C., **M. J. Cherry**, S. S. Ditchkoff, W. D. Gulsby, and K. V. Miller. 2019. Coyotes and white-tailed deer populations in the East: A comment on Bragina et al. (2019). *Journal of Wildlife Management*, 83: 1636-1640.

Gallagher, A. J., P. F. Trull, M. S. Faherty, N. Freidenfelds, J. Heimbuch, **M. J. Cherry**. 2019. Predatory behaviors of coyotes (*Canis latrans*) living in coastal ecosystems. *Ethology, Ecology and Evolution*, 31: 198-204.

Crawford, D. A., **M. J. Cherry**, B. Kelly, E. P. Garrison, D. B. Shindle, L. M. Conner, R. B. Chandler, and K. V. Miller. 2019. Chronology of reproductive investment determines predation risk aversion in a felid-ungulate system. *Ecology and Evolution*, 9: 3264-3275.

Higdon, S. D., C. A. Diggins, **M. J. Cherry**, W. M. Ford. 2019. Activity patterns and temporal predator avoidance of white-tailed deer (*Odocoileus virginianus*) during the fawning season. *Journal of Ethology*, 37: 283-290.

Chandler R. B., K. Engerbretsen, **M. J. Cherry**, E. P. Garrison, K. V. Miller. 2018. Estimating recruitment from capture-recapture data by modeling spatio-temporal variation in birth and age-specific survival rates. *Methods in Ecology and Evolution*, 9:2115-2130.

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 white-tailed deer to coyote predation risk. *Ecosphere*, 9(3).

Shuman, R., **M. J. Cherry**, T. N. Simoneaux, E. A. Dutroit, M. J. Chamberlain, K. V. Miller. 2018. Resource selection of parturient and post-parturient white-tailed deer and their fawns. *Journal of the Southeastern Association of Fish and Wildlife Agencies*, 5: 78-84.

Deuel, N., L. M. Conner, K. V. Miller, M. J. Chamberlain, **M. J. Cherry**, L. Tannenbaum. 2017. Gray fox home range, spatial overlap, mated pair interactions and extra-territorial forays in southwestern Georgia, USA. *Wildlife Biology*, 1: wlb.00326.

Stone, D. B., **M. J. Cherry**, J. A. Martin, B. S. Cohen, K. V. Miller. 2017. Breeding chronology and social interactions affect ungulate foraging behavior at a concentrated food resource. *PLoS one*, 12 (6), e0178477.

Cherry, M. J., R. J. Warren, L. M. Conner. 2017. Fire-mediated foraging tradeoffs in white-tailed deer. *Ecosphere*, 8 (4).

Shuman, R., **M. J. Cherry**, T. N. Simoneaux, E. A. Dutroit, J. C. Kilgo, M. J. Chamberlain, K. V. Miller. 2017. Survival of white-tailed deer neonates in Louisiana. *Journal of Wildlife Management*, 81:834-845.

Deuel, N., L. M. Conner, K. V. Miller, M. J. Chamberlain, **M. J. Cherry**, L. Tannenbaum. 2017. Habitat selection and diurnal refugia of gray foxes in southwestern Georgia, USA. *PloS one*, 12(10), p.e0186402.

Cherry, M. J., P. E. Howell, C. D. Seagraves, R. J. Warren, L. M. Conner. 2017. Effects of land cover on coyote abundance. *Wildlife Research*, 44: 662-670.

Cherry, M. J., B. T. Barton. 2017. Effects of wind on Predator-prey interactions. *Food Webs*, 13:92-97.

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, C. E. Moorman. 2017. Are camera surveys useful for assessing recruitment in white-tailed deer? *Wildlife Biology*, 1: wlb.00178

Cherry, M. J., K. E. Morgan, B. T. Rutledge, L. M. Conner, R. J. Warren. 2016. Can coyotes induce reproduction suppression in white-tailed deer. *Ecosphere*, 7 (10).

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.

Cohen, B. S., E. H. Leone, E. P. Garrison, C. R. Morea, S. M. Shea, K. V. Miller, **M. J. Cherry**, J. H. Stickles, J. D. Kelly. 2016. Evaluation of antler-based selective harvest criteria on harvest and antler size of male white-tailed deer in Florida. *Journal of the Southeastern Association of Fish and Wildlife Agencies*, 3: 203-209.

Cherry, M. J., R. J. Warren, L. M. Conner. 2016. Fire, fear, and behaviorally mediated trophic cascades in a frequently burned savanna. *Forest Ecology and Management*, 368: 133-139.

Cherry, M. J., K. L. Turner, B. S. Cohen, R. J. Warren, L. M. Conner. 2016. Coyote diets in a longleaf pine ecosystem. *Wildlife Biology*, 22: 64-70.

Conner, L. M., **M. J. Cherry**, B. T. Rutledge, C. H. Killmaster, G. Morris, L. Smith. 2016. Predator exclusion as a management option for increasing white-tailed deer recruitment? *Journal of Wildlife Management*, 80: 162-170.

Cherry, M. J., P. E., Howell, R. J. Warren, L. M. Conner. 2015. Coyotes denning in gopher tortoise burrow. *Herpetological Review*, 46: 618.

Cherry, M. J., L. M. Conner, R. J. Warren. 2015. Effects of predation risk and group dynamics on foraging behavior of white-tailed deer in a longleaf pine savanna. *Behavioral Ecology*, 26: 1091-1099.

Nelson, M. A., **M. J. Cherry**, M. B. Howze, R. J. Warren, 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.

Cherry, M. J., M. A. Nelson, L. M. Conner, R. J. Warren. 2013. Photo sensors increase likelihood of detection of expelled vaginal implant transmitters. *Wildlife Society Bulletin*, 37: 846-850.

Cherry, M. J., R. V. Lane, L. M. Conner, R. J. Warren. 2012. Red-Tailed Hawk attacks Wild Turkey on bait: Can baiting affect predation risk? *The Oriole*, 77: 19-24.

Nonrefereed Articles

Hewitt, D.G., R.W. DeYoung, **M. J. Cherry**, C.A. DeYoung. 2021. Chronic Wasting Disease and Deer Management on Private Land. *Wildlife Management Bulletin of the Caesar Kleberg Wildlife Research Institute*, Texas A&M University-Kingsville.

Ellis, C., L. Heffelfinger, **M. Cherry**. 2021 The Past, Present, and Future of Chronic Wasting Disease in Texas. *Hunting, Trapping, and Conservation Working Group of TWS Newsletter*.

Tanner, E. P., **M. J. Cherry**. 2021. Implications of the thermal environment for white-tailed deer management. *Texas Wildlife Magazine*. August 2021.

Cherry, M.J. 2021. Recruitment of white-tailed deer fawns in South Texas. *Texas Wildlife Magazine*. June 2021.

Cherry, M. J. 2020. Fawn survival and recruitment in South Texas. *Caesar Kleberg Tracks*.

Rutledge, B. T., **M. J. Cherry**, B. S. Cohen, M. B. Howze, J. T. Johnson. 2016. Coastal Plain Whitetails: White-tailed deer management and pine savanna restoration in southeastern Coastal Plain - The Ichauway Approach. http://www.jonesctr.org/products/outreach/deer_pub.pdf

Cherry, M. J., L. M. Conner, R. J. Warren. 2015. On guard. How coyotes affect deer foraging behavior. *Quality Whitetails*. 22: 36-38.

Books Chapters

Conner, L. M., Cherry, M. J. 2017. Considering herbivory and predation in forest management. Ecological Restoration and Management of Longleaf Pine Forests. Eds. K. Kirkman, S. Jack. Pp. 141-152. CRC Press.

PRESENTATIONS

Refereed

International

Clevinger, G. N. LaFon, W.M. Ford, M. J. Kelly, R.W. DeYoung, M. J. Cherry. 2021. Survival and cause-specific mortality of neonate white-tailed deer in western Virginia. The Wildlife Society 28th Annual Conference. Virtual.

Quinlan, B. S. Bowling, W.M. Ford, M.J. Cherry 2021. Female elk seasonal and weekly home ranges and habitat use in southwestern Virginia. The Wildlife Society 28th Annual Conference. Virtual.

Newman, B., J. Dyal, K.V. Miller, M. J. Cherry, G. D'Angelo. Influence of visual perception on the movement and resource selection of a prey species. The Wildlife Society 28th Annual Conference. Virtual.

A. Branney, A. Veals, H. Perotto-Baldivieso, M. J. Cherry, M. Tewes, J. Korn. 2021. Bobcat home range and resource selection in managed brush landscape in South Texas. The Wildlife Society 28th Annual Conference. Virtual.

Friesnahn, B. R.W. DeYOUNG, H. Perotto-Baldiviseo, K. VerCauteren, N. Snow, M. J. Cherry. Movements and resource selection of wild pigs in relation to crop growth stages. The Wildlife Society 28th Annual Conference. Virtual.

A. Branney, T. Yamashita, J. Lombardi, J. Korn, H. Perotto-Baldivieso, M. J. Cherry, M. Tewes. 2021. Bobcat home range analysis and resource selection in managed brush landscapes of South Texas. 100th Annual Meeting of The American Society of Mammalogists. Virtual.

Cherry, M. J. 2020. Scaling from experiments to landscapes to understand predation risk effects on white-tailed deer. Ecological Society of America Annual Conference. Virtual. (Invited presentation in organized session)

Peacor, S., D. Kimbro, N. Dorn, M. J. Cherry, M. J. Sheriff, and J.A. Smith. 2020. A framework that identifies and prioritizes how ecologists are testing for predation-risk effects in the field.

Ecological Society of America Annual Conference. Virtual. (Invited presentation in organized session)

Clevinger, G. B., J. Trudeau, M. J. Cherry, and T. C. Carter. 2020. Survival and Cause-Specific Mortality of Localized Populations of Urban and Rural White-tailed Deer in Southern Indiana. The 27th Annual Meeting of The Wildlife Society. Virtual.

Quinlan, B. A., H. N. Abernathy, D. Kalb, E. D. Thorne, W. M. Ford, and M. J. Cherry. 2020. Elk in the Old Dominion: Assessment of habitat selection. The 27th Annual Meeting of The Wildlife Society. Virtual.

Jorge, M. J., M. True, S. Freeze, S. Sweeten, M. J. Cherry, and W. M. Ford. 2020. Bat winter day-roost site and foraging activity on a pyric landscape in northern Florida. The 27th Annual Meeting of The Wildlife Society. Virtual.

Alonso, R., D. J. Morin, D. McNitt, M. J. Cherry, and M. J. Kelly. 2020. Mapping a landscape of risk for white-tailed deer in a multiple carnivore system. The 27th Annual Meeting of The Wildlife Society. Virtual.

Aubin, G., R. C. Nye, J. H. Rohm, W. M. Ford, and M. J. Cherry. 2020. White-tailed deer fawn survival and factors influencing recruitment on Marine Corp Base Quantico. The 27th Annual Meeting of The Wildlife Society. Virtual.

Ellsworth, W. H., K. V. Miller, L. M. Conner, E. P. Garrison, R. B. Chander, and M. J. Cherry. 2020. Philopatry and intraspecific variation in space use of white-tailed deer. The 27th Annual Meeting of The Wildlife Society. Virtual.

Dyal, J. R., K. V. Miller, M. J. Cherry, and G. J. D'Angelo. 2020. Development of a sightability model for helicopter surveys of white-tailed deer in Florida. The 27th Annual Meeting of The Wildlife Society. Virtual.

Abernathy, H. N., D. M. Kalb, B. A. Quinlan, E. D. Thorne, W. M. Ford, and M. J. Cherry. 2020. Spatial ecology of reintroduced elk in southwestern Virginia. The 27th Annual Meeting of The Wildlife Society. Virtual. (Invited presentation in organized session)

Crawford, D. A., G. Morris, L. M., Conner, and M. J. Cherry, 2020. Predation risk increases intraspecific heterogeneity in white-tailed deer diel activity patterns. The 27th Annual Meeting of The Wildlife Society. Virtual.

Ellsworth, W. H., M. J. Cherry, R. B. Chandler, K. V. Miller, L. M. Conner, and E. P. Garrison. 2019. Boldness Decreases Survival of Female White-Tailed Deer in the Presence of Florida Panthers. AFS & TWS 2019 Joint Annual Conference, Reno, NV.

Bled, F., M. J. Cherry, E. P. Garrison, K. V. Miller, H. N. Abernathy, W. H. Ellsworth, L. L. Stiffler, D. A. Crawford, and R. B. Chandler. 2019. Effects of Predation, Hydrology, and Hunting

on White-Tailed Deer Survival in the Core of the Florida Panther Range. AFS & TWS 2019 Joint Annual Conference, Reno, NV.

Jorge, M. H., E. P. Garrison, L. M. Conner, M. J. Cherry. 2019. Fire History Influences Predator Abundances in a Pyric Landscape. AFS & TWS 2019 Joint Annual Conference, Reno, NV.

Aubin, G., M. J. Cherry, C. Nye, J. Rohm, M. Knox, N. W. Lafon. 2019. Factors affecting deer recruitment in Virginia. AFS & TWS 2019 Joint Annual Conference, Reno, NV.

Stiffler, L. L. K. V. Miller, M. J. Chery, E. P. Garrison, L. M. Conner, R. B. Chandler. 2019. Combining camera and telemetry data to monitor white-tailed deer in South Florida. AFS & TWS 2019 Joint Annual Conference, Reno, NV.

Abernathy, H. N., E. P. Garrison, R. B. Chandler, L. M. Conner, K. V. Miller, M. J. Cherry. 2019. Fawning site selection by white-tailed deer in the presence of a large stalking carnivore. AFS & TWS 2019 Joint Annual Conference, Reno, NV.

Abernathy-Conners, H. N., D. A. Crawford, E. P. Garrison, R.B. Chandler, L. M. Conner, K. V. Miller, and M. J. Cherry. 2018. How do they weather the storm: white-tailed deer movement and habitat selection during Hurricane Irma. 25th Annual Meeting of The Wildlife Society, Cleveland, OH.

Crawford, D. A., M. J. Cherry, E. McMahon, and L. M. Conner. 2018. Neonatal predation risk determines activity patterns in female white-tailed deer. 25th Annual Meeting of The Wildlife Society, Cleveland, OH.

Engebretsen, K. N., M. J. Cherry, L. M. Conner, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2018. Seeing Spots: An SCR model to estimate spatial and temporal variation in fawn survival and recruitment. 9th International Deer Biology Congress, Estes Park, CO.

Garrison, E. P., C. Morea, R. Shuman, R. B. Chandler, L. M. Conner, K.V. Miller, and M. J. Cherry. 2018 Managing white-tailed deer at the intersection of ecosystem restoration, game management and endangered species Conservation. 9th International Deer Biology Congress, Estes Park, CO.

Johnson, J. T., M.J. Cherry, L. M. Conner, R. B. Chandler, M. Biggerstaff, C. H. Killmaster, W. D. Gulsby, and K. V. Miller. 2018. Preliminary development of an un-baited camera survey for estimating white-tailed deer densities. 9th International Deer Biology Congress, Estes Park, CO.

Biggerstaff. M., M. J. Cherry, L. M. Conner, R. B. Chandler, M. Biggerstaff, C. H. Killmaster, W. D. Gulsby, J. T. Johnson, and K. V. Miller. 2018. Can passive camera grids effectively monitor activity patterns of white-tailed deer? 9th International Deer Biology Congress, Estes Park, CO.

Crawford, D. A., M. J. Cherry, B. Kelly, E. P. Garrison, R. B. Chandler, L. M. Conner, and K. V. Miller. 2018. Chronology of reproductive investment determines predation risk aversion in a felid-ungulate system. 9th International Deer Biology Congress, Estes Park, CO.

Cherry, M. J., D. A. Crawford, and L. M. Conner. 2018 Fire, fear, and fawning tradeoffs in white-tailed deer. TWS 25th Annual Conference, Cleveland OH. (Invited Session).

Chandler, R., E. P. Garrison, K. V. Miller, L. M. Conner, D. A. Crawford, B. Kelly, K. Engebretsen, H. Abernathy-Conners, L. Stiffler, H. Ellsworth, and M. J. Cherry. 2018. Animal movement and mortality risk. TWS 25th Annual Conference, Cleveland OH. (Invited Session).

Shuman, R. M., M. J. Cherry, D. E. Dutoit, T. N. Simoneaux, M. J. Chamberlain, J. C. Kilgo, and K. V. Miller. 2018. White-tailed deer population dynamics following recovery of a large carnivore. 9th International Deer Biology Congress, Estes Park, CO. (Invited Session).

Garrison, E. P., D. A. Crawford, D. B. Shindle, D. P. Onorato, R. B. Chandler, L. M. Conner, K. V. Miller, and M. J. Cherry. 2018. Predation risk and maternal investment influence activity patterns in raccoon. Gordon Research Conference, Predator-prey interactions. Ventura, CA.

Engebretsen, K. N., M. J. Cherry, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2017. Modeling white-tailed fawn survival and recruitment with spatial capture-recapture models and camera data. The 24th Annual Meeting of The Wildlife Society. Albuquerque, NM.

Cherry, M. J. and D. B. Shindle. 2016. Large predator restoration in North America. The 23rd Annual Meeting of The Wildlife Society. Raleigh, NC. (Invited Session).

Chandler, R. B., M. J. Cherry, K. V. Miller, L. M. Conner, R. J. Warren, E. P. Garrison, D. B. Shindle, D. A. Crawford, B. D. Kelly, and K. N. Engebretsen. 2016. Efficient monitoring of unmarked prey populations by combining camera and telemetry data. The 23rd Annual Meeting of The Wildlife Society. Raleigh, NC. (Invited Session).

Cherry, M. J., L. M. Conner, R. B. Chandler, Crawford, D. A., Kelly, B. D., E. P. Garrison, D. B. Shindle, K. V. Miller, and R. J. Warren. 2016. Does predator hunting mode predict prey response to fire. The 23rd Annual Meeting of The Wildlife Society. Raleigh, NC. (Invited Session).

Crawford, D. A., M. J. Cherry, B. D. Kelly, R. B. Chandler, K. V. Miller, E. P. Garrison, D. L. Onorato, L. M. Conner, and D. B. Shindle. 2016. Spatiotemporal interactions of Florida panthers and their primary prey. The 23rd Annual Meeting of The Wildlife Society. Raleigh, NC. (Invited Session).

Engebretsen, K. N., M. J. Cherry, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2016. Modeling white-tailed deer recruitment and fawn survival with spatial capture-recapture models. 23rd Annual Meeting of The Wildlife Society, Raleigh, NC.

Garrison, E. P., D. A. Crawford, B. D. Kelly, M. J. Cherry, E. H. Leone, D. U. Greene, D. B. Shindle, R. B. Chandler, C. R. Morea, L. M. Conner, and K. V. Miller. 2016. Activity patterns of Florida panthers and their prey: restoring the landscape of fear. 23rd Annual Meeting of The Wildlife Society. Raleigh, NC.

Kelly, B. D., M. J. Cherry, D. A. Crawford, E. P. Garrison, D. A. Shindle, C. Morea, L. M. Conner, R. B. Chandler, and K.V. Miller 2016. Predator-sensitive white-tailed deer mortality investigation. 23rd Annual Meeting of The Wildlife Society. Raleigh, NC.

Higdon, S. D., Diggins, C.A., M. J. Cherry, and W. M. Ford. 2016. Proactive anti-predator behavior of white-tailed deer (*Odocoileus virginianus*) during fawning season. 23rd National Conference of The Wildlife Society, Raleigh, NC.

Cohen, B.S., T. J. Prebyl, T. G. Crawford, M. J. Cherry, M. J. Chamberlain, and K. V. Miller. 2016. Mate availability affects individual specialization in movement and spatial patterns for adult males of an ungulate species. 23rd Annual Meeting of The Wildlife Society, Raleigh, NC.

Garrison, E. P., D. A. Crawford, B. D. Kelly, M. J. Cherry, E. H. Leone, D. B. Shindle, D. P. Onorato, R. B. Chandler, C. R. Morea, L. M. Conner, K. V. Miller, and R. J. Warren. 2016. Activity patterns of Florida panthers and their prey: restoring the landscape of fear. Gordon Research Conference, Predator prey interactions. Ventura, CA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2016. Fire effects on selection of fawning areas and foraging behavior in white-tailed deer. Gordon Research Conference, Predator prey interactions. Ventura, CA.

Garrison, E. P., M. J. Cherry, R. B. Chandler, D. B. Shindle, C. Morea, L. M. Conner, R. J. Warren, and K. V. Miller 2015. Unraveling biotic and abiotic drivers of ungulate population fluctuations in South Florida: predators, fire, and floods. 22nd Annual Meeting of The Wildlife Society. Winnipeg, Manitoba.

Cherry, M. J. L. M. Conner, and R. J. Warren. 2015. Fear, Fire, and Behaviorally Mediated Trophic Cascades in a Longleaf Pine Savanna. 22nd Annual Meeting of The Wildlife Society. Winnipeg Manitoba.

Gulsby, W. D., M. J. Chamberlain, M. J. Cherry, L. M. Conner, and K. V. Miller 2014. Thinking beyond the study site to understand coyote effects on white-tailed deer populations at the landscape scale. 21st Annual Meeting of The Wildlife Society. Pittsburgh, PA. (Invited Session).

Cherry, M. J., B. T. Rutledge, R. J. Warren, and L. M. Conner. 2014. Coyotes, white-tailed deer and the ecology of fear in southwestern Georgia. 21st Annual Meeting of The Wildlife Society. Pittsburgh, PA. (Invited Session).

Cherry, M. J., R. J. Warren, and L. M. Conner. 2014. Coyotes, deer, and behaviorally mediated trophic cascades in a fire dependent ecosystem. Gordon Research Conference, Predator prey interactions. Ventura, CA.

Cherry, M. J., R. J. Warren, and L. M. Conner. 2013. White-tailed deer vigilance in a longleaf pine savanna. The 20th Annual Meeting of The Wildlife Society. Milwaukee, WI. (Invited Session).

Conner, L. M., L. L. Smith, G. Morris, and M. J. Cherry. 2013. Effects of predation risk on select wildlife populations: Results from a 10-year predator exclusion study. The 20th Annual Meeting of The Wildlife Society. Milwaukee, WI. (Invited Session).

Cherry, M. J., M. A. Nelson, R. J. Warren, and L. M. Conner. 2012. Photo sensors improve performance of vaginal implant transmitters. The 19th Annual Meeting of The Wildlife Society. Portland, OR.

Seagraves, C. D., M. J. Cherry, L. M. Conner, and R. J. Warren. 2012. Use of howl surveys to estimate abundance and spatial distribution of coyotes in Southwestern Georgia. The 19th Annual Meeting of The Wildlife Society. Portland, OR.

Turner, K. L., M. J. Cherry, M. B. Howze, R. J. Warren, and L. M. Conner. 2012. Coyote food habits relative to white-tailed deer abundance. 19th Annual Meeting of The Wildlife Society. Portland, OR.

Cherry, M. J., L. M. Conner, J. C. Rutledge, L. L. Smith, and R. J. Warren. 2011. White-tailed deer behavioral response to predator exclusion. The Wildlife Society 18th Annual Conference. Waikoloa, HI.

Cherry, M. J., S. B. Castleberry, M. T. Mengak, and C. Winchester. 2010. Microhabitat and nest site selection by the endangered Key Largo woodrat, *Neotoma floridana smalli*. 90th Annual Meeting of the American Society of Mammalogists, Laramie, WY.

National

Conner, L. M., M. J. Cherry, B. T. Rutledge, C. H. Killmaster, G. Morris, and L. L. Smith. 2015. Predator exclusion as a management option for increasing white-tailed deer recruitment? 16th Wildlife Damage Management Conference. Gatlinburg, TN.

Regional

Quinlan, B. A., H. N. Abernathy, D. Kalb, E. D. Thorne, W. M. Ford, and M. J. Cherry. 2020. Elk in the Old Dominion: Assessment of habitat selection. The 75th Annual Southeastern Association of Fish and Wildlife Agencies Conference. Roanoke, Virginia.

Dyal, J. R., M. T. Kohl, M. J. Cherry, K.V. Miller, G. J. D'Angelo. 2021. Resource selection of white-tailed deer relative to cattle management. The 44rd Annual Meeting of the Southeast Deer Study Group. Virtual.

Crawford, D. A., G. Morris, L. M. Conner, and M. J. Cherry, 2020. Effects of predation risk on intraspecific white-tailed deer activity overlap. The 43rd Annual Meeting of the Southeast Deer Study Group. Auburn, AL.

Aubin, G. R., W. M. Knox, N. W. Lafon, M. J. Kelly, W. M. Ford, and M. J. Cherry. 2020. Drivers of White-tailed Deer Recruitment in The Application Mountains of Virginia. 43rd Annual Southeast Deer Study Group, Auburn, AL.

Abernathy, H. N., E. P. Garrison, R. B. Chandler, L. M. Conner, K. V. Miller, and M. J. Cherry. 2020. Conservative Material Care In A Long-lived Interoparous Capitol Breeder, The White-tailed Deer. 43rd Annual Southeast Deer Study Group, Auburn, AL.

Dyal, J. R., K. V. Miller, M. J. Cherry, M. T. M. Terhune, and G. J. D'Angelo. 2020. Development of a Sightability Model for Helicopter Surveys of White-tailed Deer in Florida. 43rd Annual Southeast Deer Study Group, Auburn, AL.

Chandler, R. B., F. Bled, L. M. Conner, E. P. Garrison, H. N. Abernathy, H. N., Crawford, D. A., Stiffler, L., Kelly, B., K. V. Miller, and M. J. Cherry. 2020. White-Tailed Deer Survival in the Florida Panther Range. 43rd Annual Southeast Deer Study Group, Auburn, AL.

Ellsworth, W. H., M. J. Cherry, R. B. Chandler, K. V. Miller, L. M. Conner, and E. P. Garrison. 2019. Influence of Sex and Season on White-tailed Deer Home Range Size and Movement in a Seasonally Flooded System. 42nd Annual Southeast Deer Study Group, Louisville, Ky.

Jorge, M. J., M. True, S. Freeze, S. Sweeten, M. J. Cherry, and W. M. Ford. 2020. Winter day-roosts of Seminole bats in north-central Florida: a burning question. 2020 Southeastern Bat Diversity Network and Mammal Colloquium Meeting. Athens, GA.

Ellsworth, W. H., M. J. Cherry, R. B. Chandler, K. V. Miller, L. M. Conner, and E. P. Garrison. 2019. Influence of Sex and Season on White-tailed Deer Home Range Size and Movement in a Seasonally Flooded System. 42nd Annual Southeast Deer Study Group, Louisville, KY.

Abernathy-Conners, H. N., D. A. Crawford, E. P. Garrison, R. B. Chandler, L. M. Conner, K. V. Miller, and M. J. Cherry. 2018. How do they weather the storm: white-tailed deer movement and habitat selection during Hurricane Irma. 41st Annual Southeast Deer Study Group, Nashville, TN.

Johnson, J. T., M. J. Cherry, L. M. Conner, R. B. Chandler, M. Biggerstaff, C. H. Killmaster, W. D. Gulsby, and K. V. Miller. 2018. Preliminary development of an un-baited camera survey for estimating white-tailed deer densities. 41st Annual Southeast Deer Study Group, Nashville, TN.

Biggerstaff, M., M. J. Cherry, L. M. Conner, R. B. Chandler, M. Biggerstaff, C. H. Killmaster, W. D. Gulsby, J. T. Johnson, and K. V. Miller. 2018. Use of passive camera grids to monitor activity patterns of white-tailed deer. 41st Annual Southeast Deer Study Group, Nashville, TN.

Engebretsen, K. N., M. J. Cherry, L. M. Conner, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2018. Seeing Spots: Estimating ecological effects on fawn survival and recruitment in South Florida. 41st Annual Southeast Deer Study Group, Nashville, TN.

Gulsby, W. D., M. J. Cherry, J. T. Johnson, L. M. Conner, and K. V. Miller. 2018. Behavioral response of white-tailed deer to coyote predation risk. 41st Annual Southeast Deer Study Group, Nashville, TN.

Engebretsen, K. N., M. J. Cherry, L. M. Conner, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2018. Estimating ecological effects on fawn survival and recruitment in South Florida. 40th Annual Southeastern Deer Study Group Meeting. Nashville, TN.

Abernathy-Conners, H. N., D. A. Crawford, E. P. Garrison, R. B. Chandler, L. M. Conner, K. V. Miller, and M. J. Cherry. 2018. How do large mammals weather the storm: movement and habitat selection of white-tailed deer during Hurricane Irma. North American Joint Bat Working Group Meeting & 28th Annual Colloquium on the Conservation of Mammals in the Southeastern US, Roanoke, VA. 1st Place Award for Student Presentations.

Kniowski, A. B., M. J. Cherry, N. W. Lafon, D. W. Steffen, D. M. Knox, and W. M. Ford. 2017. Factors influencing nutritional condition of white-tailed deer in the Appalachian Mountains of Virginia. 73rd Annual Northeast Fish & Wildlife Conference. Norfolk, VA.

Kniowski, A. B., M. J. Cherry, N. W. Lafon, D. W. Steffen, D. M. Knox, and W. M. Ford. 2017. Factors influencing nutritional condition of white-tailed deer in the Appalachian Mountains of Virginia. 40th Annual Meeting of the Southeast Deer Study Group. St. Louis, MO.

Garrison E. P., S. Shea, C. Morea, M. J. Cherry, D. B. Shindle, R. B. Chandler, L. M. Conner, and K.V. Miller. 2017. Managing deer at the intersection of ecosystem restoration, game management, and endangered species conservation. 40th Annual Southeastern Deer Study Group Meeting. St. Louis, MO.

Crawford, D. A., M. J. Cherry, B. D. Kelly, R. B. Chandler, K. V. Miller, E. P. Garrison, D. Onorato, L. M. Conner, and D. B. Shindle. 2017. Dead downwind: quantifying caution in white-tailed deer. 40th Annual Southeastern Deer Study Group Meeting. St. Louis, MO.

Engebretsen, K. N., M. J. Cherry, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2017. Estimating white-tailed deer recruitment and fawn survival with spatial capture-recapture models and camera data. 40th Annual Southeastern Deer Study Group Meeting. St. Louis, MO. 3rd Place Award for Student Presentations.

Stone, D. B., M. J. Cherry, B. S. Cohen, J. A. Martin, C. H. Killmaster, and K. V. Miller. 2017. Breeding chronology and social interactions affect white-tailed deer vigilance at bait sites. 40th Annual Southeastern Deer Study Group Meeting. St. Louis, MO.

Biggerstaff, M. B., M. J. Cherry, L. M. Conner, R. B. Chandler, C. H. Killmaster, J. T. Johnson, and K. V. Miller. 2017. Using passive cameras to monitor deer activity during the breeding season. 40th Annual Southeast Deer Study Group Meeting. St. Louis, MO. 2nd Place Award for Student Poster Presentation.

Johnson J. T., M. J. Cherry, L. M. Conner, R. B. Chandler, B. T. Rutledge, C. H. Killmaster, M. T. Biggerstaff, and K. V. Miller. 2017. Do pre-season camera surveys reflect harvest availability during the hunting season? 40th Annual Southeast Deer Study Group Meeting. St. Louis, MO.

Higdon, S. D., Diggins, C. A., M. J. Cherry, and W. M. Ford. 2017. Proactive anti-predator behavior of white-tailed deer (*Odocoileus virginianus*) during fawning season. 40th Annual Southeast Deer Study Group Meeting. St. Louis, MO.

Crawford, D. A., M. J. Cherry, B. D. Kelly, R. B. Chandler, K. V. Miller, E. P. Garrison, D. P. Onorato, C. Morea, D. B. Shindle, and L. M. Conner. 2016. Effects of a stalking ambush predator on the temporal activity patterns of white-tailed deer. 39th Annual Southeast Deer Study Group Meeting. Concord, NC. 2nd Place Award for Student Presentations.

Johnson, J. T., L. M. Conner, M. J. Cherry, K. V. Miller, and W. D. Gulsby. 2016. Spatial and temporal variation in deer social dispersion influence camera survey estimates. 39th Annual Southeast Deer Study Group Meeting. Concord, NC.

Shuman, R. M., M. J. Chamberlain, J. C. Kilgo, M. J. Cherry, E. A. Cooner, T. N. Simoneaux, and K.V. Miller. 2016. Survival and cause specific mortality of white-tailed deer fawns on the Tensas River National Wildlife Refuge, Louisiana. 39th Annual Southeast Deer Study Group Meeting. Concord, NC. 1st Place Award for Student Presentations.

Cherry, M.J., D. A. Crawford, B. D. Kelly, R. B. Chandler, L. M. Conner, E. P. Garrison, C. Morea, and K. V. Miller. 2016. Effects of wildfire on deer movement. 39th Annual Southeast Deer Study Group Meeting. Concord, NC.

Cooney, E. A., R. Shuman, T. N. Simoneaux, S. Durham, J. C. Kilgo, M. J. Cherry, M. J. Chamberlain, and K. V. Miller. 2016. Habitat use and bed site selection of white-tailed deer fawns in Louisiana. 39th Annual Southeast Deer Study Group Meeting. Concord, NC.

Kelly, B. D., M. J. Cherry, D. A. Crawford, E. P. Garrison, D. B. Shindle, C. R. Morea, L. M. Conner, R. B. Chandler, and K.V. Miller 2016. Predator-sensitive white-tailed deer mortality investigation. 39th Annual Southeast Deer Study Group Meeting. Concord, NC.

Cherry M. J., E. P. Garrison, R. B. Chandler, D. B. Shindle, C., Morea, L. M. Conner, R. J. Warren, and K.V. Miller 2015. Ungulate Population Fluctuations in South Florida: Predators, Fire, and Floods. 69th Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies. Asheville, NC.

Conner, L. M. M. J. Cherry, Rutledge, B. T., C. H. Killmaster, G. Morris, and L. L. Smith. 2015. Predator exclusion as a management option for increasing white-tailed deer recruitment? 38th Annual Southeast Deer Study Group Meeting. Little Rock, AR.

Cherry, M. J., R. J. Warren, and L. M. Conner. 2014. Trait-mediated indirect interaction between coyote and white-tailed deer. 75th Annual Meeting of the Association of Southeastern Biologists. Spartanburg, SC.

Cherry, M. J., R. J. Warren, and L. M. Conner. 2014. Predator exclusion decreases white-tailed deer vigilance while foraging. 68th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Destin, FL. 1st Place Award for Student Presentation.

L. M. Conner, M. J. Cherry, B. T. Rutledge, C. H. Killmaster, G. Morris, and L. L. Smith. 2014. Is it time to consider predator exclusion as a management option for increasing white-tailed deer recruitment? 68th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Destin, FL.

Nelson, M. A., M. J. Cherry, M. B. Howze, R. J. Warren, and L. M. Conner. 2014. Coyote and bobcat predation on white-tailed deer fawns in a longleaf pine ecosystem in southwestern Georgia. 68th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Destin, FL.

Cherry, M. J., R. J. Warren, and L. M. Conner. 2014. Coyote predation risk and white-tailed deer foraging behavior. 37th Annual Southeast Deer Study Group Meeting. Athens, GA. 2nd Place Award for Student Presentation

Cherry, M. J., R. J. Warren, and L. M. Conner. 2014. Low-cost GPS solution for studying spatial ecology of white-tailed deer fawns. 37th Annual Southeast Deer Study Group Meeting. Athens, GA.

Conner, L. M., M. J. Cherry, and R. J. Warren. 2014. Non-consumptive effects of coyotes on deer. 37th Annual Southeast Deer Study Group Meeting. Athens, GA.

Cherry, M. J., Nelson, M. A., R. J. Warren, and L. M. Conner. 2013. Photo sensors improve performance of vaginal implant transmitters. 36th Annual Southeast Deer Study Group Meeting. Greenville, SC. 1st Place Award for Student Presentation.

Nelson, M. A., M. J. Cherry, R. J. Warren, and L. M. Conner. 2013. Bed-site selection of fawns in a longleaf pine ecosystem. 36th Annual Southeast Deer Study Group Meeting. Greenville, SC.

Turner, K. L., M. J. Cherry, M B. Howze, R. J. Warren, and L. M. Conner. 2013. Coyote food habits relative to white-tailed deer abundance. 36th Annual Southeast Deer Study Group Meeting. Greenville, SC.

Cherry, M. J., L. M. Conner, J, C, Rutledge, L. L. Smith, and R. J. Warren. 2012. White-tailed deer site selection response to predator exclusion. 73rd Annual Meeting of the Association of Southeastern Biologists. Athens, GA.

Cherry, M. J., L. M. Conner, J. C. Rutledge, L. L. Smith, and R. J. Warren. 2012. White-tailed deer site selection response to predator exclusion. 35th Annual Southeast Deer Study Group Meeting. Sandestin, Fl. 2nd Place Award for Student Presentation.

Rutledge, B. T., M. J. Cherry, J. C. Brock, and L. M. Conner. 2012. Selection of remote sensing camera locations for subsampling white-tailed deer herds on large properties. 35th Annual Southeast Deer Study Group Meeting. Sandestin, FL.

State

Abernathy, H. N., E. P. Garrison, R. B. Chandler, L. M. Conner, K. V. Miller, and M. J. Cherry. 2020. Water, fire, humans – oh my: Examining movement, habitat selection, and survival of white-tailed deer across a disturbance regime. Virginia Chapter of the Wildlife Society, Ashland, VA.

Abernathy-Conners, H. N., D. A. Crawford, E. P. Garrison, R. B. Chandler, L. M. Conner, K. V. Miller, and M. J. Cherry. 2018. How do they weather the storm? white-tailed deer movement and habitat selection in a disturbance dominated landscape. Virginia Chapter of the Wildlife Society Annual Conference, Staunton, VA. 2nd Place Student Presentations.

Biggerstaff, M. T., M. J. Cherry, L. M. Conner, C. H. Killmaster, J. T. Johnson, R. B. Chandler, and K. V. Miller. 2017. Environmental and seasonal influences on white-tailed deer activity rates. Annual Meeting of the Georgia Chapter of The Wildlife Society, Covington, GA. 2nd Place Student Presentations.

Chandler, R. B., M. J. Cherry, K. V. Miller, E. P. Garrison, L. M. Conner, D. A. Crawford, and B. D. Kelly. 2015. Estimating deer density by combining camera and telemetry data. Annual meeting of the Georgia Chapter of the Wildlife Society. Athens, GA.

Cherry, M. J., Nelson, M. A., M. B. Howze, B. T. Rutledge, L. M. Conner, and R. J. Warren. 2012. Effect of coyotes in a longleaf pine ecosystem. Annual Meeting of Georgia Chapter of The Wildlife Society. Athens, GA.

Nelson, M. A., M. J. Cherry, L. M. Conner, and R. J. Warren. 2012. Bed site selection by white-tailed deer fawns in a longleaf pine ecosystem. Georgia Chapter of The Wildlife Society Annual Meeting. Athens, GA.

Turner, K. L., M. J. Cherry, M. B. Howze, R. J. Warren, and L. M. Conner. 2012. Exploring shifts in coyote diet relative to white-tailed deer abundance. Annual Meeting of the Georgia Chapter of The Wildlife Society. Athens, GA.

Seagraves, C. D., M. J. Cherry, L. M. Conner, and R. J. Warren. 2012. Measuring coyote abundance at a landscape scale. Annual Meeting of Georgia Chapter of The Wildlife Society. Athens, GA.

Cherry, M.J., L. M. Conner, and R. J. Warren. 2011. Coyote foraging behavior and impact on wild turkey and white-tailed deer production. Georgia Chapter of The Wildlife Society, Fall Meeting. Athens, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2010. The effect of the removal of novel stimuli on capture success of coyotes (*Canis latrans*) in southwestern Georgia. Georgia Chapter of the Wildlife Society, Fall Meeting Forsyth, GA.

Nonrefereed Presentations

National

Cherry, M. J., L. M. Conner, and R. J. Warren. 2013. Direct and indirect effects of coyotes on deer. Quality Deer Management Association National Convention. Athens, GA.

Local

Crawford, D.A., L. M. Conner, and M. J. Cherry, 2020. Fear, fire, and fawns: mammalian community dynamics in a pyric landscape. 2020 Jones Center Advisory Committee Meeting. Newton, GA.

Abernathy, H. N. and M. J. Cherry. 2020. How Do They Weather the Storm: White-tailed Deer Survival and Behavior during Hurricane Irma. Caesar Kleberg Wildlife Research Institute Deer Research Meeting. San Antonio, TX.

Cherry, M. J. 2020. Disentangling drivers of deer population dynamics. Caesar Kleberg Wildlife Research Institute Deer Research Meeting. San Antonio, TX.

Cherry, M. J. 2020. Caesar Kleberg Wildlife Research Institute – East Foundation Deer Program. East Foundation Professional Advisors Group. San Antonio Viejo Ranch. TX.

Cherry, M. J. 2020. White-tailed deer recruitment: the intersection of nutrition and predation. Texas Parks and Wildlife Foundation Stewards of the Wild, Lunch Lecture Series. Virtual.

Cherry, M. J. 2018. South Florida Deer Study update. Everglades Coordinating Council Meeting. Davie, FL.

Cherry, M. J. 2018. Wildlife fire effects on deer movement in Big Cypress. Central Florida Prescribed Fire Council. Kissimmee, FL.

Cherry, M. J. 2018. Appalachian Deer Study project update. Appalachian Habitat Association, Annual Meeting. Warm Springs, VA

Clevinger, G., G. Aubin, and M. J. Cherry. 2018. Appalachian Deer Study project update. Warm Springs Mountain Hunt Club Meeting. Warm Springs, VA

Clevinger, G., G. Aubin, and M. J. Cherry. 2018. Appalachian Deer Study project update. Boiling Springs Mountain Hunt Club Meeting. Warm Springs, VA

Crawford, D. A., M. J. Cherry, B. D. Kelly, R. B. Chandler, K. V. Miller, E. P. Garrison, D. P. Onorato, C. Morea, D. B. Shindle, and L. M. Conner. 2016. To flee or not to flee: spatiotemporal anti-predator behaviors in white-tailed deer of south Florida. Everglades Coordinating Council Meeting. Davie, FL.

Crawford, D. A., M. J. Cherry, B. D. Kelly, R. B. Chandler, K. V. Miller, E. P. Garrison, C. Morea, D. B. Shindle, and L. M. Conner South Florida Deer Study: investigating the population and spatial ecology of the Florida panther's primary prey. UGA Deer Management Research Group Field Day and Symposium. Serenbe, GA.

Cherry, M. J., D. A. Crawford, R. B. Chandler, L. M. Conner, E. P. Garrison, C. Morea, and K. V. Miller. 2016. South Florida Deer Study update. Everglades Coordinating Council Meeting. Davie, FL.

Engebretsen, K. N., M. J. Cherry, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2016. Estimating fawn recruitment and survival from camera data. Everglades Coordinating Council Meeting. Davie, FL.

Engebretsen, K. N., M. J. Cherry, E. P. Garrison, K. V. Miller, and R. B. Chandler. 2016. Research on the Refuge: South Florida Deer Study Overview. Florida Panther National Wildlife Refuge Annual Open House. Immokalee, FL.

Kelly, B. D., M. J. Cherry, M. J., D. A. Crawford, E. P. Garrison, R. B. Chandler, and K. V. Miller. 2016. Panther recovery and white-tailed deer research in South Florida. Riverbanks Zoo Ecology Lecture Series. Columbia, SC.

Kelly, B. D., M. J. Cherry, M. J., D. A. Crawford, E. P. Garrison, R. B. Chandler, and K. V. Miller. 2015. Survival and predation of adult white-tailed deer in South Florida. Everglades Coordinating Council Meeting. Davie, FL.

Crawford, D. A., M. J. Cherry, B. D. Kelly, R. B. Chandler, L. M. Conner, E. P. Garrison, and K. V. Miller. 2015. The University of Georgia Deer Lab: informing deer management. Everglades Coordinating Council Meeting. Davie, FL.

Cherry, M. J., D. A. Crawford, B. D. Kelly, K. N. Engebretsen, R. B. Chandler, L. M. Conner, E. P. Garrison, C. Morea, and K. V. Miller. 2015. South Florida Deer Study update. Everglades Coordinating Council Meeting. Davie, FL.

Cherry, M. J., D. A. Crawford, B. D. Kelly, K. N. Engebretsen, R. B. Chandler, L. M. Conner, E. P. Garrison, C. Morea, and K. V. Miller. 2015. South Florida Deer Study: panthers, fires, and floods. UGA Deer Management Research Group Field Day and Symposium. Pine Mountain, GA.

Garrison, E. P., M. J. Cherry, D. A. Crawford, R. B. Chandler, L. M. Conner, C. Morea, and K. V. Miller. 2015. South Florida Deer Study - Introduction. Everglades Coordinating Council Meeting. Davie, FL.

Kelly, B. D., M. J. Cherry, D. A. Crawford, E. P. Garrison, R. B. Chandler, and K. V. Miller. 2015. Cause-specific mortality in predator rich environments. Everglades Coordinating Council Meeting. Davie, FL.

Cherry, M. J., D. A. Crawford, B. D. Kelly, K. N. Engebretsen, R. B. Chandler, L. M. Conner, E. P. Garrison, C. Morea, and K. V. Miller. 2015. White-tailed deer population dynamics: implications for Florida panther conservation. Friends of the Florida Panther National Wildlife Refuge. Naples, FL.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2014. Coping with coyotes in southwestern Georgia. Georgia Forestry Commission and Quality Deer Management Association Forestry and Wildlife Workshop. Columbus, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2014. The Georgia Coastal Plain coyote project: what have we learned?. UGA Deer Management Research Group Field Day and Symposium. Hamilton, GA.

Conner, L. M., M. J. Cherry, B. T. Rutledge, C.H. Killmaster, G Morris, and L. L. Smith. 2014. Can predator exclosures help mitigate fawn predation by coyotes? UGA Deer Management Research Group Field Day and Symposium. Hamilton, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2014. Predation risk and white-tailed deer foraging behavior. Warnell Graduate Research Symposium. Athens, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2013. Direct and indirect effects of coyotes on deer. UGA Deer Management Research Group Meeting. Screven, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2013. Coyotes in the coastal plain. Pineland Plantation. Newton, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2012. Implications of fear: The cost of anti-predator behavior in deer. Annual Symposium of Quality Deer Management Association and UGA Deer Management Research Group. Athens, GA.

Cherry, M. J., B. T. Rutledge, L. M. Conner, and R. J. Warren. 2012. Ichauway Deer Predation Study 2004-2012. UGA Deer Management Research Group Meeting. Albany, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2012. Coyotes and bobwhite quail. Northeast Georgia Quail Unlimited Chapter meeting. Bishop, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2012. Effects of landscape and habitat variables on prey behavior and predator mediated trophic cascades in Southwestern Georgia. Georgia Dept. of Natural Resources, Wildlife Resources Division Research Meeting. Forsyth, GA.

Nelson, M. A., M. J. Cherry, L. M. Conner, and R. J. Warren. 2012. Movements, habitat selection and survival of white-tailed deer fawns in a longleaf pine ecosystem. Georgia Dept. of Natural Resources, Wildlife Resources Division Research Meeting. Forsyth, GA.

Nelson, M. A. M. J. Cherry, M. B. Howze, B.T. Rutledge, L. M. Conner, and R. J. Warren. 2012. Coping with coyotes: A look at fawn behavior. The 2nd Annual Symposium of Quality Deer Management Association and UGA Deer Management Research Group. Athens, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2011. Integrating direct and indirect effects of predation into white-tailed deer management plans. Jones Ecological Research Center reception for Georgia Dept. of Natural Resources Commissioner. Newton, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2011. Coyote foraging behavior, spatial distribution, and impact on white-tailed deer recruitment. Joseph W. Jones Ecological Research Center. Scientific Advisory Committee Meeting. Newton, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2011. Coyote foraging behavior and effects on wild turkey and white-tailed deer production. Georgia Dept. of Natural Resources, Wildlife Resources Division Research Meeting. Rum Creek, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2011. Coyote foraging behavior and effects on white-tailed deer recruitment in southwestern Georgia. UGA Deer Management Research Group Meeting. Norcross, GA.

Cherry, M. J., L. M. Conner, and R. J. Warren. 2011. Coyote foraging behavior, spatial distribution, and impact on white-tailed deer recruitment. Georgia Forestry Commission Meeting. Newton, GA.

Morgan, K. A., M. J. Cherry, L. M. Conner, and R. J. Warren. 2013. Effects of coyote predation risk on deer ovulation rates. 15th Annual Wildlife Damage Management Conference-Field Trip presentation. Athens, GA.

Morgan, K. A., M. J. Cherry, L. M. Conner, and R. J. Warren. 2013. Effects of coyote predation risk on deer physiology and nutritional condition. Warnell Graduate Student Association Symposium. Athens, GA. 2nd place undergraduate presentations.

Turner, K. L., M. J. Cherry, M. B. Howze, R. J. Warren, and L. M. Conner. 2013. Coyote food habits relative to white-tailed deer abundance. Warnell Graduate Student Association Symposium. Athens, GA.

Turner, K. L., M. J. Cherry, M. B. Howze, R. J. Warren, and L. M. Conner. 2012. Coyote food habits relative to white-tailed deer abundance. Annual Symposium of Quality Deer Management Association and UGA Deer Management Research Group. Athens, GA.

RESEARCH AND SCHOLARLY ACTIVITIES

Grants awarded as faculty at Texas A&M University - Kingsville \$3,699,961

Source: Oklahoma Department of Wildlife Conservation

Title: Movements and Population Demography of Pronghorn in western Oklahoma

Role: Co-PI

PI: Fairbanks, S.

Co-PI: C. Chitwood, R. Lonsinger, E. Tanner, M. Cherry, R. DeYoung, G. Wang

Duration: 2022-2026

Amount: \$2,308,514; (\$359,596 to TAMUK)

Source: Stedman West Foundation

Title: Drivers of deer phenotypic expression

Role: PI

Co-PI: DeYoung, C., D. Hewitt

Duration: 2021-2022

Amount: \$200,000

Source: USDA

Title: Feral swine damage management

Role: Co-PI

PI: DeYoung, R.

Co-PI: Cherry, M., H. Perotto- Baldvieso

Duration: 2021-2022

Amount: \$100,000

Source: Alkek Foundation

Title: Support for the Alkek Ungulate Research Faculty

Role: PI

Duration: 2021-2022

Amount: \$30,000

Source: Stedman West Foundation

Title: Faith Ranch East-West Yana Study

Role: Co-PI

PI: DeYoung, R.

Co-PI: Cherry, M. C. DeYoung, D. Hewitt

Duration: 2021-2022

Amount: \$125,000

Source: East Foundation

Title: White-tailed Deer Population Parameters and Large Mammal Surveys on East Foundation Properties

Role: PI

Co-PI: DeYoung, R., A. Foley, A. Ortega

Duration: 2020-2023

Amount: \$331,817

Source: Safari Club International Foundation

Title: Leopard Status in Botswana: Density, Population Size, and Management Strategies for Sustainable Harvest

Role: Co-PI

PI: Tewes, M.

Co-PIs: J. Lombardi, D. MacKenzie, M. Cherry

Duration: 2020

Amount: \$119,337

Source: National Park Service

Title: Deer population Analysis of Big Cypress National Preserve

Role: PI

Co-PIs: DeYoung, R.

Duration: 2020-2021

Amount: \$69,971

Source: Virginia Department of Game and Inland Fisheries (subcontract through Virginia Tech)

Title: Estimating Elk Abundance and Herd Demographics in Virginia

Role: PI

Duration: 2020-2023

Amount: \$106,796

Source: USDA APHIS WS National Wildlife Research Center

Title: Managing white-tailed deer density on Federal land adjacent to Falcon Reservoir to control cattle fever ticks

Role: Co-PI

PI: R. W. DeYoung

Co-PI: H. Perotto-Baldvieso, M. Cherry

Duration: 2020

Amount: \$268,500

Source: USDA Agricultural Research Services

Title: Managing white-tailed deer density on Federal land adjacent to Falcon Reservoir to control cattle fever ticks

Role: Co-PI

PI: D. Hewitt

Co-PI: A. Ortega, M. Cherry, R. DeYoung,

Duration: 2020

Amount: \$40,026

Grants awarded as faculty at Virginia Tech \$1,241,457

Source: Virginia Department of Game and Inland Fisheries

Title: Estimating Elk Abundance and Herd Demographics in Virginia

Role: PI

Co-PIs: Ford, W. M.

Duration: 2019-2023

Amount: \$287,580

Source: Virginia Department of Game and Inland Fisheries

Title: Development of a passive camera technique for monitoring white-tailed deer population dynamics

Role: PI

Co-PIs: Kelly, M. J., W. M. Ford

Duration: 2018-2021

Amount: \$539,000

Source: Department of Defense

Title: Dormant season burning impacts to migratory bats.

Role: PI

Co-PIs: Ford, W. M.

Duration: 2018-2019

Amount: \$58,456

Source: Virginia Department of Military Affairs

Title: Efficacy of Nest-boxes to Enhance and Remote Cameras to Monitor Southeastern Fox Squirrel Populations on MTC Fort Pickett and the Big Woods/Piney Grove Complex

Role: Co-PI

PI: Klopfer, S.

Co-PIs: Ford, W. M.

Duration: 2018

Amount: \$36,281

Source: National Park Service

Title: Pre-white nose syndrome bat distribution study at SOFO parks and Navajo Tribal lands.

Role: PI

Co-PIs: Diggins, C., W. M. Ford

Duration: 2018-2020

Amount: \$33,845

Source: National Park Service

Title: Pre-white nose syndrome bat distribution and hibernacula surveys at the Capitol Reef National Park

Role: PI

Co-PIs: Diggins, C., W. M. Ford

Duration: 2018-2020

Amount: \$43,845

Source: West Virginia Division of Natural Resources

Title: Wild turkey survival in West Virginia

Role: PI

Co-PIs: Crawford, D. A.

Duration: 2018

Amount: \$2,450

Source: Florida Fish and Wildlife Conservation Commission, via subcontract with University of Georgia

Title: South Florida deer project

Role: PI

Co-PIs: Chandler, R. B., K. V. Miller, L. M. Conner

Duration: 2018-2019

Amount: \$165,000

Source: Florida Fish and Wildlife Conservation Commission

Title: Linking prescribed fire to wildlife communities on Camp Blanding National Guard Joint Training Center

Role: PI

Duration: 2017-2018

Amount: \$75,000

Grants awarded as a postdoc and student \$1,822,260

Source: Florida Fish and Wildlife Conservation Commission

Title: South Florida Deer Project

Role: Co-PI

PI: Chandler, R. B

Co-PIs: Miller, K. V., R. J. Warren, L. M. Conner, D. Shindle, E. P. Garrison

Duration: 2014-2018

Amount: \$1,162,602

Source: Georgia Dept. Natural Resources, Wildlife Resource Division

Title: Development and evaluation of a camera survey technique for estimating relative abundance and demographic parameters of white-tailed deer

Role: Co-PI

PIs: Chandler, R. B.,

Co-PIs: Gulsby, W. D., C. Killmaster, L. M. Conner, K. V. Miller

Duration: 2014-2018

Amount: \$367,829

Source: Georgia Dept. Natural Resources, Wildlife Resource Division

Title: White-tailed deer behavioral response to predation risk in Georgia

Role: Co-PI

PIs: Warren, R. J., L. M. Conner

Duration: 2012-2014

Amount: \$241,829

Source: Georgia Dept. Natural Resources, Wildlife Resource Division

Title: Coyote movements in response to turkey and deer reproduction, and quail management in southwestern Georgia

Role: Co-PI

PIs: Warren, R. J., L. M. Conner

Duration: 2011-2012

Amount: \$40,000

Source: Berryman Institute

Title: Effects of removing novel stimuli on capture success of free-ranging coyotes in southwestern Georgia

Role: Co-PI

PIs: Warren, R. J., L. M. Conner

Duration: 2010

Amount: \$10,000

PROFESSIONAL GROWTH ACTIVITIES

Professional Society Membership and leadership

The Wildlife Society

- Elected officer (National/International)
 - Chair-elect (2017-2018), Chair (2018-2020), and Past-chair (2020-Present) Hunting, Trapping and Conservation Working Group of TWS
- Elected officer (State)
 - At-large Officer, Virginia Chapter of TWS, 2018-2020.
 - At-large Officer, Georgia Chapter of TWS, 2012-2014.
- Member
 - Wildlife Damage Management Working Group

- Wildlife Damage Management Working Group of The Wildlife Society Financial Audit Committee, Member. 2017
- Southeast Section of TWS, 2008-Present
 - Financial Audit Committee of the Southeastern Section of TWS
- Southwest Section of TWS, 2019-Present
- Virginia Chapter of TWS, 2015-2020
- Texas Chapter of TWS, 2019-Present
 - Cottam Award Judge Texas Chapter of TWS

American Society of Mammologists

- Associate Editor, Journal of Mammalogy, 2017-Present
- Member, American Society of Mammologists, 2015-Present

Meetings for professional Societies

Annual Meeting of The Wildlife Society, 2008-2020.

Southeast Deer Study Group Meeting, 2010-2020.

Gordon Research Conference: Predator-prey interactions. 2014, 2016, 2018.

Annual Meeting of the American Society of Mammalogists, 2015, 2019.

Annual Meeting of the Ecological Society of America, 2020.

Southeastern Association of Fish and Wildlife Agencies, 2008, 2010, 2014, 2017.

Association of Southeastern Biologists. 2012, 2014.

Georgia Chapter of TWS 2008-2016.

Virginia Chapter of TWS, 2015-2019.

Texas Chapter of TWS, 2020.

Symposia Organized for Conferences

- 1) The Wildlife Society 28th Annual Meeting. A future PI training session: How do I get a job and what do I do once I have it? Virtual.
- 2) The Wildlife Society 27th Annual Meeting. Eastern elk ecology and management. 2020. Virtual.
- 3) The Wildlife Society 25th Annual Meeting. Wildlife Management in a Changing Appalachian Landscape. 2018. Cleveland, OH.
- 4) The 9th International Deer Biology Congress. Influence of predators on deer in North America. 2018. Estes Park, CO.
- 5) The Wildlife Society 23rd Annual Meeting. Symposium co-organizer. Large Predator restoration in North America. 2016. Raleigh, NC.
- 6) The Wildlife Society 21st Annual Meeting. Ecology and management of coyotes in eastern North America. 2014. Pittsburgh, PA.

- 7) The Wildlife Society 20th Annual Meeting. Predation risk: importance of indirect effects on vertebrate species. 2013. Milwaukee, WI.

Workshops Organized for Conferences

- 1) 39th Southeast Deer Study Group Meeting. Deer management in the Appalachian Mountains. 2017. St. Louis, MO
- 2) 23rd Annual Meeting of The Wildlife Society. Wild pig management and research techniques workshop. 2016. Raleigh, NC.
- 3) 21st Annual Meeting of The Wildlife Society. Human-carnivore interactions and management in the Eastern USA. 2014. Pittsburgh, PA.

Journal Referee Service

Journal of Wildlife Management, PloS One, Ecosphere, Ecology, Ecological Applications, Canadian Journal of Zoology, Forest Ecology and Management, Ethology, Oecologia, Wildlife Society Bulletin, Southeastern Naturalist, SEAFWA, Wildlife Research, Wildlife Biology, Journal of Mammalogy.

Associate editor, Journal of Mammalogy, 2017-Present.

Co-editor. Proceedings of the 15th Annual Wildlife Damage Management Conference, 2017.

Professional Service

Red wolf recovery team member, 2021.

SERVICE ACTIVITIES

Service Committees

Department

- Chair of the Carnivore Ecologist Faculty Search Committee, 2020.
- Chair, Hiring Committee for Research Specialist 1, 2020.
- Member, Tenure-track Fisheries Faculty Search Committee, Dept. Fish and Wildlife Conservation, Virginia Tech University. 2018.

University

- Faculty Senate, Texas A&M University - Kingsville, 2020-present.
- Member of Graduate Curriculum Committee
 - 3 hours reviewing proposals
 - 1 hour meeting
- Member of Starfish Ambassadorship Committee
 - 3-5 hours meeting

HONORS AND AWARDS

- Outstanding Young Alumnus Award. Warnell School Forestry and Natural Resources, University of Georgia. 2019.
- Best Student Presentation Southeastern Association of Fish and Wildlife Agencies. 2014.
- E.L. Cheatum Award, University of Georgia. 2014.
- Wildlife Damage Management Working Group, TWS. Travel Grant. 2014.
- 2nd Place Student Presentation. Southeast Deer Study Group Meeting. 2014.
- Best Student Presentation. Southeast Deer Study Group Meeting. 2013.
- Wildlife Damage Management Working Group Travel Grant, TWS. 2013.
- Shikar Safari Club International Scholarship. 2012.
- 2nd Place Student Presentation. Southeast Deer Study Group Meeting. 2012.
- Outstanding Wildlife Student of the Year. Warnell School of Forestry and Natural Resources, University of Georgia. 2010.