

Allison C. Keever, Ph.D.

Post-doctoral Research Associate
College of Arts and Sciences
Tennessee Technological University

CONTACT INFORMATION

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EDUCATION

Doctor of Philosophy, Wildlife Biology <i>College of Forestry and Conservation, The University of Montana</i> Dissertation: <i>Adaptive harvest management of wolves: the role of recruitment and hierarchical demography in population dynamics of a social carnivore</i>	2020
Master of Science, Wildlife Sciences <i>Department of Forestry and Wildlife Sciences, Auburn University</i> Thesis: <i>Use of N-mixture models for estimating white-tailed deer populations and impacts of predator removal and interspecific competition</i>	2014
Bachelor of Science, Natural Resources and Environmental Sciences <i>Department of Natural Resources and Environmental Sciences, The University of Illinois</i> Concentration: Fish and Wildlife Conservation	2011

ACADEMIC APPOINTMENTS

Post-doctoral Research Associate <i>College of Arts and Science, Tennessee Tech University</i>	2020–Present
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Graduate Research Assistant <i>College of Forestry and Conservation, The University of Montana</i>	2015–2020
Research Associate <i>Department of Forestry and Wildlife Sciences, Auburn University</i>	2014–2015
Graduate Research Assistant <i>Department of Forestry and Wildlife Sciences, Auburn University</i>	2012–2014
Laboratory Assistant <i>Illinois Natural History Survey, Department of Natural Resources and Environmental Sciences, University of Illinois</i>	2010–2011

PEER-REVIEWED PUBLICATIONS

Keever, A. C., J. D. Kelly, and B. S. Cohen. Estimating abundance of harvested populations at the management unit scale. *Ecosphere*. *In review*

Highway, C. J., N. M. Masto, **A. C. Keever**, A. G. Blake-Bradshaw, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. A rapid monitoring protocol to estimate unharvested corn biomass in waterfowl impoundments. *Wildlife Society Bulletin*. *In review*

Highway, C. J., N. M. Masto, A. G. Blake-Bradshaw, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. Landscape risk predicts depletion of flooded unharvested corn by waterfowl. *Journal of Wildlife Management*. *In review*

Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, P. T. Link, H. M. Hagy, D. C. Osborne, and B. S. Cohen. Mallard pre-breeding migration strategies necessitate individual time-energy tradeoffs despite wintering origins or migratory destinations. *Ornithology*. *In review*

Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, P. T. Link, H. M. Hagy, D. C. Osborne, and B. S. Cohen. Proximity among protected area networks promotes functional connectivity for wintering waterfowl. *Scientific Reports*. *In review*

Blake-Bradshaw, A. G., N. M. Masto, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2023. Caught out in the cold: Mallard survival decreased during an extreme climatic event. *Ornithological Applications*. *In review*

- Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, P. T. Link, H. M. Hagy, D. C. Osborne, and B. S. Cohen. Winter distribution and survival of transmitter-marked and banded-only mallards in western Tennessee. *Wildlife Society Bulletin. In review*
- Highway, C. J., A. G. Blake-Bradshaw, N. M. Masto, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. Hunting constrains wintering mallard response to habitat and environmental conditions. 2024. *Wildlife Biology*. E01198
<https://doi.org/10.1002/wlb3.01198>
- Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2023. Human access constrains optimal foraging and habitat availability in an avian generalist. *Ecological Applications* e2952
<https://doi.org/10.1002/eap.2952>
- Nelson, S. D., **A. C. Keever**, P. H. Wightman, N. W. Bakner, B. A. Collier, M. J. Chamberlain, and B. S. Cohen. 2023. Age-based shifts in habitat selection of wild turkey broods. *Journal of Wildlife Management. Journal of Wildlife management* 87:e22494
- Teitelbaum, C. S., N. M. Masto, J. D. Sullivan, **A. C. Keever**, D. E. Stallknecht, R. L. Poulson, A. G. Blake-Bradshaw, C. J. Highway, J. C. Feddersen, H. M. Hagy, B. S. Cohen, and D. J. Prosser. 2023. North American wintering mallards infected with highly pathogenic avian influenza show few signs of altered local or migratory movements. *Scientific Reports* 13:14473 <https://doi.org/10.1038/s41598-023-40921-z>.
- Blake-Bradshaw, A. G., N. M. Masto, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2023. Influence of sanctuary disturbance, weather, and landscape characteristics on waterfowl harvest opportunity in western Tennessee. *Journal of Wildlife Management* 87:e22470. <https://doi.org/10.1002/jwmg.22470>
- Keever, A. C.**, B. A. Collier, M. J. Chamberlain, and B. S. Cohen. 2023. Early nest initiation and vegetation density enhance nest survival in Wild Turkeys. *Ornithology* 140:ukac050.
<https://doi.org/10.1093/ornithology/ukac050>
- Masto, N. M., O. J. Robinson, M. Brasher, A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. C. Osborne, D. Combs, and B. S. Cohen. 2022. Citizen science reveals waterfowl responses to recent extreme winter weather. *Global Change Biology* 28:5469-5479. <https://doi.org/10.1111/gcb.16288>
- Nelson, S. D., **A. C. Keever**, P. H. Wightman, N. W. Bakner, C. M. Argabright, M. E. Byrne, B. A. Collier, M. J. Chamberlain, and B. S. Cohen. 2022. Fine-scale resource selection

- and behavioral tradeoffs of eastern wild turkey broods. *Journal of Wildlife Management* e22222. <https://doi.org/10.1002/jwmg.22222>
- Sells, S. N., M. S. Mitchell, K. M. Podrutzny, J. A. Gude, **A. C. Kever**, D. K. Boyd, T. D. Smucker, A. A. Nelson, T. Parks, N. Lance, M. S. Ross, and R. M. Inman. 2021. Evidence of economical territory selection in a cooperative carnivore. *Proceedings of the Royal Society of London B: Biological Sciences* 288: 20210108. <https://doi.org/10.1098/rspb.2021.0108>
- Bassing, S. B., D. Ausband, M. S. Mitchell, P. Lukacs, **A. C. Kever**, G. Hale, and L. Waits. 2019. Stable pack abundance and distribution in a harvested wolf population. *Journal of Wildlife Management* 83:577-590. <https://doi.org/10.1002/jwmg.21616>
- Mitchell, M. S., S. N. Sells, S. B. Bassing, K. J. Barker, **A. C. Kever**, S. C. Forshee, and J. W. Goerz. 2018. Explicitly reporting tests of hypotheses improves communication of science. (*Invited editorial*) *Journal of Wildlife Management* 82:671-673. <https://doi.org/10.1002/jwmg.21461>
- Mitchell, M. S., S. N. Sells, K. J. Barker, S. B. Bassing, **A. C. Kever**, S. C. Forshee, and J. W. Goerz. 2018. Testing a priori hypotheses improves the reliability of wildlife research. *Journal of Wildlife Management* 82:1568-1571. <https://doi.org/10.1002/jwmg.21568>
- Sells, S. N., S. B. Bassing, K. J. Barker, S. C. Forshee, **A. C. Kever**, J. W. Goerz, and M. S. Mitchell. 2018. Increased scientific rigor will improve reliability of research and effectiveness of management. *Journal of Wildlife Management* 82:485-494. <https://doi.org/10.1002/jwmg.21413>
- Kever**, A. C., C. P. McGowan, S. S. Ditchkoff, P. K. Acker, J. B. Grand, and C. H. Newbolt. 2017. Efficacy of N-mixture models for surveying and monitoring white-tailed deer populations. *Mammal Research* 62:413-422. <https://doi.org/10.1007/s13364-017-0319-z>
- O'Donnell, K. M., A. F. Messerman, W. J. Barichivich, R. D. Semlitsch, T. A. Gorman, H. G. Mitchell, N. Allan, D. Fenolio, A. Green, F. A. Johnson, **A. C. Kever**, M. Mandica, J. Martin, J. Mott, T. Peacock, J. Reinman, S. S. Románach, G. Titus, C. P. McGowan, and S. C. Walls. 2017. Structured decision making as a conservation tool for recovery planning of two endangered salamanders. *Journal for Nature Conservation* 37:66-72. <https://doi.org/10.1016/j.jnc.2017.02.011>
- Price Tack, J. L., B. S. West, C. P. McGowan, S. S. Ditchkoff, S. J. Reeves, **A. C. Kever**, and J. B. Grand. 2016. AnimalFinder: A semi-automated system for animal detection in time-lapse camera trap images. *Ecological Informatics* 36:145-151. <https://doi.org/10.1016/j.ecoinf.2016.11.003>

REPORTS AND THESES

Keever, A. C. 2020. Adaptive harvest management of wolves: the role of recruitment and hierarchical demography in population dynamics of a social carnivore. Dissertation, The University of Montana, 288 pgs.

Sells, S. N., **A. C. Keever**, M. S. Mitchell, J. Gude, K. Podruzny, and R. Inman. 2020. Improving estimation of wolf recruitment and abundance, and development of an adaptive harvest management program for wolves in Montana. Final Report for Federal Aid in Wildlife Restoration Grant W-161-R-1. Montana Fish, Wildlife and Parks, Helena, Montana. 124 pgs. (*Annual progress reports also prepared for 2015 – 2019; fwp.mt.gov.*)

Keever, A. C. 2014. Use of N-mixture models for estimating white-tailed deer populations and impacts of predator removal and interspecific competition. Thesis, Auburn University, 119 pgs.

GRANTS

Increasing landscape connectivity for waterfowl by creating private land rest areas

Source: Tennessee Wildlife Resources Agency

Duration: 2022–2026

Co-PI: B. Cohen

Amount: \$2,464,000

Adaptive harvest management for deer and turkeys in Tennessee

Source: Tennessee Wildlife Resources Agency

Duration: 2022–2025

Co-PI: B. Cohen

Amount: \$358,854

Reproductive ecology of eastern wild turkeys in Kentucky

Source: Tennessee Wildlife Resources Agency

Duration: 2022–2026

Co-PI: B. Cohen; M. Chamberlain

Amount: \$886,178

A multi-state banding project to investigate factors affecting gobbler harvest rates

Source: Kentucky Department of Fish and Wildlife Resources

Duration: 2021–2025

Co-PI: B. Cohen

Amount: \$222,145

**Development of waterfowl monitoring protocols for the National
Wildlife Refuge System**

Source: U.S. Fish and Wildlife Services

Duration: 2022–2025

Co-PI: B. Cohen

Amount: \$60,000

**Occupancy of breeding secretive marsh birds in wetlands of western
Tennessee**

Source: Tennessee Wildlife Resources Agency

Duration: 2021–2024

Co-PI: B. Cohen

Amount: \$47,588

**A multi-state banding project to investigate factors affecting gobbler
harvest rates**

Source: Tennessee Wildlife Resources Agency

Duration: 2021–2025

Co-PI: B. Cohen

Amount: \$239,726

**A multi-state banding project to investigate factors affecting gobbler
harvest rates**

Source: Kentucky Department of Fish and Wildlife Resources

Duration: 2021–2025

Co-PI: B. Cohen

Amount: \$222,145

PRESENTATIONS

Keever, A. C., J. Sweaney, B. S. Cohen, M. McBride, G. Clevinger, and R. Shields. 2024. Developing an adaptive harvest management approach for deer and wild turkey in Tennessee. Tennessee Chapter of the Wildlife Society Annual Meeting.

Keever, A. C., J. D. Kelly, and B. S. Cohen. 2022. Estimating abundance of white-tailed deer using harvest data and integrated population models. Southeast Deer Study Group Meeting [virtual].

- Keever, A. C., J. D. Kelly, R. E. Kissell, Jr., and B. S. Cohen.** 2021. Estimating abundance of white-tailed deer in Tennessee using harvest data. Tennessee Chapter of the Wildlife Society Annual Meeting [virtual].
- Keever, A. C., M. S. Mitchell, K. M. Podrutzny, and B. Inman.** 2019. Drivers of variation in recruitment and the effects on population dynamics in gray wolves. The Wildlife Society Annual Conference. Reno, Nevada, USA.
- Keever, A. C., M. S. Mitchell, K. M. Podrutzny, and B. Inman.** 2019. Methods to estimate recruitment for social species with limited data. Montana Chapter of the Wildlife Society Annual Meeting. Helena, Montana, USA.
- Keever, A. C., M. S. Mitchell, K. M. Podrutzny, and B. Inman.** 2019. Variable recruitment of gray wolves in Montana. Montana Chapter of the Wildlife Society Annual Meeting. Helena, Montana, USA.
- Keever, A. C., M. S. Mitchell, K. M. Podrutzny, A. D. Luis, and J. T. Peterson.** 2018. Estimating recruitment of wolves with limited data. The Wildlife Society Annual Conference. Albuquerque, New Mexico, USA.
- Keever, A. C., M. S. Mitchell, K. M. Podrutzny, A. D. Luis, and J. T. Peterson.** 2017. Estimating recruitment of wolves with limited data. Poster Session. Annual Meeting of the American Society of Mammalogists. Moscow, Idaho, USA.
- Keever, A. C., C. P. McGowan, S. S. Ditchkoff, and J. B. Grand.** 2014. Effects of coyote removal and competition with wild pigs on white-tailed deer populations. The Wildlife Society Annual Conference. Pittsburgh, Pennsylvania, USA.
- Keever, A. C., S. S. Ditchkoff, C. P. McGowan, and J. B. Grand.** 2014. Impacts of predator removal and interspecific competition on white-tailed deer population dynamics. Alabama Chapter of the Wildlife Society Annual Meeting. Spanish Fort, Alabama, USA.
- Keever, A. C., S. S. Ditchkoff, C. P. McGowan, and J. B. Grand.** 2014. Estimating the effects of coyote removal and wild pigs on white-tailed deer abundance. Poster Session. Southeast Deer Study Group Meeting. Athens, Georgia, USA.
- Keever, A. C., C. P. McGowan, S. S. Ditchkoff, P. K. Acker, J. B. Grand, and C. H. Newbolt.** 2013. Effect of reducing camera survey efforts on accuracy of density estimation for white-tailed deer. The Wildlife Society Annual Conference. Milwaukee, Wisconsin, USA.
- Keever, A. C., C. P. McGowan, S. S. Ditchkoff, P. K. Acker, J. B. Grand, and C. H. Newbolt.** 2013. Effect of reducing camera survey efforts on accuracy of density estimation for

white-tailed deer. Alabama Chapter of the Wildlife Society Annual Meeting. Auburn, Alabama, USA.

Keever, A. C., C. P. McGowan, S. S. Ditchkoff, P. K. Acker, J. B. Grand, and C. H. Newbolt. 2012. Effect of reducing camera survey efforts on accuracy of density estimation for white-tailed deer. Southeast Deer Study Group Meeting. Greenville, South Carolina, USA.

NON-PRESENTING CO-AUTHOR

Blake-Bradshaw, A. G., Masto, N. M., C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2023. Influence of sanctuary disturbance, weather, and landscape characteristics on waterfowl harvest opportunity. 30th The Wildlife Society Annual Conference, Louisville, KY, USA.

Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2023. Human access constrains optimal foraging and habitat availability in an avian generalist. 30th The Wildlife Society Annual Conference, Louisville, KY, USA.

Gannod, M., N. M. Masto, C. Owusu, C. J. Highway, K. E. Brown, A. G. Blake-Bradshaw, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. A. Talbert, and B. S. Cohen. 2023. Semantic segmentation of flooded unharvested agriculture for waterfowl using multispectral imagery and deep learning architectures. 30th The Wildlife Society Annual Conference, Louisville, KY, USA.

Riggs, A. M., **A. C. Keever**, S. Watkins, R. Shields, Z. Danks, and B. S. Cohen. 2023. Variation in harvest and survival rates of male eastern wild turkeys in Kentucky and Tennessee. 30th The Wildlife Society Annual Conference, Louisville, KY, USA.

Holiman, H., A. G. Blake-Bradshaw, **A. C. Keever**, D. Hanni, and B. S. Cohen. 2023. Integrating multiple survey methods to monitor rare marsh bird species in Tennessee. 30th The Wildlife Society Annual Conference, Louisville, KY, USA.

Highway, C. J., N. M. Masto, **A. C. Keever**, A. G. Blake-Bradshaw, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2023. Depletion of unharvested flooded corn by wintering waterfowl. 77th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Corpus Christi, TX, USA.

Gannod, M., N. M. Masto, C. Owusu, C. J. Highway, K. E. Brown, A. G. Blake-Bradshaw, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. A. Talbert, and B. S. Cohen. 2023. Semantic

segmentation with multispectral satellite images of waterfowl habitat. 36th International Florida Artificial Intelligence Research Society Conference, Clearwater Beach, FL, USA.

Masto, N. M., A.G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B.S. Cohen. 2023. Mallard fall migration behavior in the Mississippi Flyway. Mississippi Flyway Council Winter Meeting. Lafayette, LA, USA.

Blake-Bradshaw, A. G., Masto, N. M., C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2023. Sanctuary characteristics may mediate mallard response to disturbance. Mississippi Flyway Council Winter Meeting. Lafayette, LA, USA.

Teitelbaum, C. S., N. M. Matso, J. D. Sullivan, **A. C. Keever**, R. L. Poulson, D. L. Carter, A. G. Blake-Bradshaw, C. J. Highway, J. C. Feddersen, H. M. Hagy, R. W. Gerhold, B. S. Cohen, and D. J. Prosser. 2023. North American mallards naturally infected with highly pathogenic avian influenza show few signs of altered local or migratory movements. Mississippi Flyway Council Winter Meeting. Lafayette, LA, USA.

Holiman, H., A. G. Blake-Bradshaw, **A. C. Keever**, D. Hanni, B. S. Cohen. 2023. Habitat associations and occupancy of secretive marsh birds in Tennessee. 55th Annual Conference of the Tennessee Chapter of the Wildlife Society, Burns, TN, USA.

Blake-Bradshaw, A. G. N. M. Masto, C. J. Highway, **A. C. Keever**, P. T. Link, D. C. Osborne, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2023. Out in the cold: impact of an extreme weather event on the daily survival of a generalist waterfowl species. 55th Annual Conference of the Tennessee Chapter of the Wildlife Society, Burns, TN, USA.

Holiman, H., A. G. Blake-Bradshaw, **A. C. Keever**, D. Hanni, B. S. Cohen. 2022. Establishment of a monitoring program for secretive marsh birds in Tennessee. 2022. 29th Annual Conference of the Wildlife Society, Spokane, WA, USA.

Blake-Bradshaw, A. G., N. M. Masto, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2022. Immediate and longer-term responses of wintering mallards to experimental disturbance on sanctuaries. Lower Mississippi Valley Joint Venture Waterfowl Science Conference. Memphis, TN, USA.

Highway, C. J., N. M. Masto, A. G. Blake-Bradshaw, **A. C. Keever**, J. D. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2022. Depletion of unharvested flooded corn in waterfowl impoundments. Lower Mississippi Valley Joint Venture Waterfowl Science Conference. Memphis, TN, USA. Awarded “Best Student Presentation”

Cohen, B. S., **A. C. Keever**, N. M. Masto, A. G. Blake-Bradshaw, C. J. Highway, J. C. Feddersen, and H. M. Hagy. 2022. Refuge connectivity for wintering mallards in western

Tennessee. Lower Mississippi Valley Joint Venture Waterfowl Science Conference. Memphis, TN, USA.

Masto, N. M., **A. C. Keever**, A. G. Blake-Bradshaw, C. J. Highway, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2022. Mallard winter resource selection trade-offs in an agriculturally dominated landscape. Lower Mississippi Valley Joint Venture Waterfowl Science Conference. Memphis, TN, USA. Awarded “Outstanding Student Presentation”

Masto, N. M., O. J. Robinson, M. G. Brasher, **A. C. Keever**, A. G. Blake-Bradshaw, J. C. Feddersen, H. M. Hagy, D. C. Osborne, D. L. Combs, and B. S. Cohen. 2022. Citizen science reveals waterfowl responses to extreme winter. Lower Mississippi Valley Joint Venture Waterfowl Science Conference. Memphis, TN, USA.

Masto, N. M., **A. C. Keever**, A. G. Blake-Bradshaw, C. J. Highway, P. T. Link, J. C. Feddersen, H. M. Hagy, D. C. Osborne, D. L. Combs, and B. S. Cohen. 2022. Spring migration strategies of mallards in the Mississippi Alluvial Valley. Lower Mississippi Valley Joint Venture Waterfowl Science Conference. Memphis, TN, USA.

Blake-Bradshaw, A. G., C. J. Highway, **A. C. Keever**, N. M. Masto, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2022. Influence of experimental disturbance on waterfowl movements and hunter harvest opportunity. Summer Mississippi Flyway Council Meeting. Orange Beach, Alabama, USA.

Holiman, H. L., A. G. Blake-Bradshaw, **A. C. Keever**, D. Hanni, and B. S. Cohen. 2022. Secretive marsh bird monitoring in Tennessee. Mississippi Flyway Council Meeting. Orange Beach, AL.

Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2022. Local winter distributions and fidelity of GPS-marked mallards. Winter Mississippi Flyway Council Meeting, Orange Beach, AL, USA.

Highway, C. J., N. M. Masto, A. G. Blake-Bradshaw, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2022. Abundance and depletion of unharvested flooded corn. Winter Mississippi Flyway Council Meeting, Orange Beach, AL, USA.

Blake-Bradshaw, A. G., N. M. Masto, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2022. Ruffling feathers: effects of experimental disturbance on mallard space use and movements. Tennessee Chapter of the Wildlife Society Annual Meeting [virtual]. *Awarded "Best Student Presentation"*

Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2022. Winter fidelity and distribution of

individually marked mallards. Tennessee Chapter of the Wildlife Society Annual Meeting [virtual].

Highway, C. J., A. G. Blake-Bradshaw, N. M. Masto, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs and B. S. Cohen. 2022. Ducky days – linking temporal and environmental factors to mallard activity patterns. Tennessee Chapter of the Wildlife Society Annual Meeting [virtual].

Blake-Bradshaw, A. G., N. M. Masto, C. J. Highway, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2021. The influence of experimental disturbance on mallard space use and movements during winter. The Wildlife Society Annual Conference [virtual].

Highway, C. J., A. G. Blake-Bradshaw, N. M. Masto, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2021. Drivers of mallard activity patterns during winter. The Wildlife Society Annual Conference [virtual].

Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, P. T. Link, D. C. Osborne, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2021. Pre-breeding migration strategies of mallards wintering in the Mississippi Alluvial Valley. The Wildlife Society Annual Conference [virtual].

Masto, N. M., A. G. Blake-Bradshaw, C. J. Highway, **A. C. Keever**, J. C. Feddersen, P. T. Link, D. C. Osborne, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2021. Spring migration of mallards wintering in the Mississippi Alluvial Valley. Conference of the Southeastern Association of Fish and Wildlife Agencies. Roanoke, Virginia, USA.

Highway, C. J., A. G. Blake-Bradshaw, N. M. Masto, **A. C. Keever**, J. C. Feddersen, H. M. Hagy, D. L. Combs, and B. S. Cohen. 2021. Factors affecting winter activity patterns of mallards. Conference of the Southeastern Association of Fish and Wildlife Agencies. Roanoke, Virginia, USA.

Blake-Bradshaw, A. G., N. M. Masto, C. J. Highway, **A. C. Keever**, D. L. Combs, J. C. Feddersen, H. M. Hagy, and B. S. Cohen. 2021. Ruffling feathers: the influence of experimental disturbance on space-use, movements, and site-fidelity of a wintering waterfowl. Conference of the Southeastern Association of Fish and Wildlife Agencies. Roanoke, Virginia, USA.

Cohen, B. S., S. D. Nelson, **A. C. Keever**, P. H. Wightman, N. Bakner, M. E. Byrne, B. A. Collier, and M. J. Chamberlain. 2021. Resource selection of wild turkey broods. Southeast Wild Turkey Working Group Meeting [virtual].

Nelson, S. D., A. C. Keever, P. H. Wightman, B. A. Collier, M. J. Chamberlain, and B. S. Cohen. 2021. Habitat selection of eastern wild turkey broods. Meeting of the Association of Southeastern Biologists [virtual]

Nelson, S. D., A. C. Keever, P. H. Wightman, N. W. Bakner, B. A. Collier, M. J. Chamberlain and B. S. Cohen. 2021. Resource selection of eastern wild turkey broods. Tennessee Chapter of the Wildlife Society Annual Meeting [virtual]

TEACHING

Independent Study Topics: Occupancy Modeling – BIOL 6980. *Instructor, Spring 2023.* Developed and taught independent study course.

Independent Study Topics: Mark-Recapture Modeling – BIOL 6980. *Instructor, Spring 2023.* Developed and taught independent study course.

Population and Community Ecology – EVSB 7150. *Co-Instructor, Spring 2022, 2024.* Co-developed and taught course.

Independent Study Topics: Wildlife Statistics/Analysis in Program R – BIOL 6980. *Instructor, Spring 2021.* Developed and taught independent study course.

Advanced Spatial Ecology – BIOL 6980 / EVSB 7970. *Co-Instructor, Spring 2021.* Co-developed and taught course.

Wildlife Techniques – WFS 4790. *Guest Lecturer, Summer 2020.*

Conservation of Wildlife Populations – WILD 470. *Guest lecturer, Fall 2018.*

The Upshot: Applied Wildlife Management – WILD 480. *Teaching Assistant, Spring 2018.* Graded assignments and gave lectures on Structured Decision Making.

Conservation of Wildlife Populations – WILD 470. *Teaching Assistant, Fall 2017.* Developed and taught lab portion of course.

The Upshot: Applied Wildlife Management – WILD 480. *Guest Lecturer, Spring 2017.*

WORKSHOPS

Stakeholder Meetings for White-Tailed Deer and Wild Turkey Management. *Tennessee, 2023.*

Apprentice Coach at USFWS/USGS Structured Decision-Making Workshop. *Starkville, MS, August 18-22, 2014.*

Observer at USFWS/USGS Structured Decision-Making Workshop. *National Conservation Training Center, Shepherdstown, WV, June 18-22, 2013.*

GRADUATE STUDENT MENTORING

COMMITTEE MEMBER SERVICE

Abigail Riggs started Fall 2022
M.S. Thesis: Spatiotemporal factors affect turkey harvest rates

Cole Howard graduated Fall 2023
M.S. Thesis: Waterfowl Monitoring Protocols for National Wildlife Refuges

L. Haley Holiman graduated Fall 2023
M.S. Thesis: Wetland management influences occupancy of secretive marsh birds

GRADUATE STUDENTS SUPERVISED (NOT PRIMARY ADVISOR; COLLABORATOR ON RESEARCH)

Cory J. Highway graduated Spring 2022
M.S. Thesis: Spatiotemporal factors influencing waterfowl forage and activity patterns
Ph.D. Dissertation: Creating private land rest areas to increase movement of waterfowl started Fall 2022

Sarah Watkins started Fall 2022
Ph. D. Dissertation: Turkey reproductive ecology

Abigail G. Blake-Bradshaw graduated Fall 2023
Ph.D. Dissertation: Spatial and temporal shifts in mallard behavior and survival in response to refuge disturbance

Nicholas M. Masto
Ph.D. Dissertation: Landscape ecology of the mallard annual cycle

graduated Fall 2023

Stefan D. Nelson
M.S. Thesis: Habitat selection of brooding female eastern wild turkeys

graduated Fall 2021

DIVERSITY, EQUITY, AND INCLUSION

I am committed to fostering diversity and inclusion within my lab and the broader academic community. I firmly believe that diverse perspectives lead to more innovative and impactful research. Therefore, I actively seek to collaborate with individuals from diverse backgrounds, recognizing the immense value they bring to the table. Beyond academic collaborations, I am passionate about outreach and education initiatives aimed at promoting diversity in STEM fields. I am particularly invested in developing programs to engage young individuals from diverse backgrounds, especially middle schoolers, in wildlife and ecology. By targeting diversity and inclusion tactics at a young age, we can cultivate a more inclusive future generation of scientists. Furthermore, I am dedicated to advocating for university-wide programs that address systemic barriers and promote diversity in the wildlife field, ensuring equitable access and opportunities for all aspiring researchers.

DEI WORKSHOPS, CERTIFICATES, AND SERVICE

Diversity, Equity, and Inclusion Committee, 2021–present

Faculty Excellence CAFE Conversation: Inclusive Teaching, 2021

OUTREACH

Adaptive harvest management of wolves in Montana. Invited to discuss application of adaptive harvest management with Tennessee Wildlife Resource Agency, Fall 2020.

Building both sides of the wolf narrative: a dialogue about media process. Invited panel member, International Wildlife Film Festival, Spring 2018.

Management of wolves in Montana: priorities and impacts. Invited talk, The Ninemile Wildlife Workgroup Annual Wildlife Lecture Series, Spring 2015.

Effects of coyote removal on white-tailed deer populations. Invited talk, The 2014 ALFA Commodity Organizational Meeting, Spring 2014.

How coyote predation impacts white-tailed deer populations. Invited talk, The Wiregrass Area Deer Group, Fall 2013.

COMMITTEES AND SERVICE

Diversity, Equity, and Inclusion Committee. *Tennessee Tech University Department of Biology, Spring 2021 – present.*

Executive Leadership Committee. *The University of Montana Wildlife Biology Graduate Student Association, Fall 2017.*

Senator. *The University of Montana Graduate and Professional Student Association, Spring 2017.*

Executive Leadership Committee. *The University of Montana Wildlife Biology Graduate Student Association, Spring 2017.*

Apprentice coach. *USFWS/USGS Structured Decision-Making Workshops, August 2014.*

Observer. *USFWS/USGS Structured Decision-Making Workshops, June 2013.*