# Curriculum vitae: Claire M. Curry

Updated 16 July 2024

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| University Libraries  University of Oklahoma  401 W. Brooks  Norman, OK, USA 73019 | Emails: curryclairem@gmail.com,  cmcurry@ou.edu  Website: <http://cmcurry.com>  GitHub profile: https://github.com/baeolophus |
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## Education

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| 2008-2014 | Ph.D. in Ecology and Evolutionary Biology (Zoology).  Advisor: Dr. Michael Patten. | University of Oklahoma  (Norman, OK, USA) |
| 2005-2007 | B.S. in Biology, chemistry minor (*summa cum laude*)  Honors thesis advisor: Dr. James H. Kennedy. | University of North Texas  (Denton, TX, USA) |

## Work positions and experience

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| 2018-present | Science Librarian  Supervisor: Karie Antell | University Libraries  University of Oklahoma (Norman, OK, USA) |
| 2016-2018 | Post-doctoral research associate  PI: Dr. Eli S. Bridge (2016-2018)  PI: Dr. Michael Patten (2018) | University of Oklahoma,  Oklahoma Biological Survey (Norman, OK, USA) |
| 2016 | Research associate  PI: Dr. Nicola Koper | University of Manitoba, Natural Resources Institute  (Winnipeg, MB, Canada) |
| 2014-2016 | Post-doctoral fellow  PI: Dr. Nicola Koper | University of Manitoba, Natural Resources Institute  (Winnipeg, MB, Canada) |
| March-June 2008 | Contracted by the U.S. Forest Service | Conducted a Black-capped Vireo survey and designed a Loggerhead Shrike survey on the Lyndon B. Johnson National Grasslands. |
| March-August 2007 (part time) | Undergraduate research assistant in Dr. James Kennedy’s Aquatic Ecology Lab at UNT | Sorted aquatic invertebrates in sediment samples, identified Chironomidae subfamilies, and formatted data. |
| May-July 2006 | Seasonal field biologist for Leon River Restoration Project (with Texas A&M University) in Gatesville, TX | Point counts of birds, nest searching, fledgling searching, and entering data. |
| October 2005-May 2006 (part-time) | Undergraduate research assistant in Dr. James Kennedy’s Aquatic Ecology Lab at UNT | Sorting aquatic invertebrates in sediment samples. |
| June-August 2005 | Field technician at Texas Agricultural Experiment Station in Vernon, TX | Counting birds, nest searching, measuring vegetation, and sampling insects. |
| December 2001-February 2002 | Contracted by U.S. Forest Service | Counting grassland bird species along designated transects on the Lyndon B. Johnson National Grasslands. |

## Peer-reviewed Publications

Update

19. G. Semenov, **C.M. Curry,** M.A. Patten, J.T. Weir, and S.A. Taylor. 2023. Geographically consistent hybridization dynamics between the Black-crested and Tufted Titmouse with evidence of hybrid zone expansion. Ornithology. Online early access (page numbers to be assigned). DOI: https://doi.org/10.1093/ornithology/ukad014

18. Robbins, S., **C.M. Curry,** A. Schilling, & B. N. Tweedy. 2022. Recruiting, Hiring, & On-Boarding Non-MLS Liaison Librarians: A Case Study. Library Leadership & Management 36 (1). DOI: https://doi.org/10.5860/llm.v36i1.7490 [Open access]

17. Rockwood, J. V., **C.M.** **Curry,** & E.A. Day. 2022. Distributed expertise, leadership structure & efficiency-viability tradeoffs in teams [Poster]. Society for Industrial and Organizational Psychology Annual Conference, Seattle, WA, United States. [Peer-reviewed Conference Poster.]

 16.  Ruediger et al (**Curry: 21st author** - 73 authors total). 2021. Big data infrastructure at the crossroads: support needs and challenges for universities.  Ithaka S+R: https://doi.org/10.18665/sr.316121 [Open access]

15. Patten, M.A., A.A. Barnard, C.M. Curry, H. Dang, and R.W. Loraamm. 2021. Forging a Bayesian link between habitat selection and avoidance behavior in a grassland grouse. [Scientific Reports 11(1), 1-13](https://www.nature.com/articles/s41598-021-82500-0). DOI: https://www.nature.com/articles/s41598-021-82500-0 [Open access]

14. Gaffin, D.D., C.M. Curry. 2020. Arachnid navigation–a review of classic and emerging models. Journal of Arachnology 48(1), 1-25. DOI: https://doi.org/10.1636/0161-8202-48.1.1

13. Bridge, E.S., J. Wilhelm, M.M. Pandit, A. Moreno, **C.M. Curry**, T.D. Pearson, D.S. Proppe, C. Holwerda, J.M. Eadie, T.F. Stair, A.C. Olsen, B.E. Lyon, C.L. Branch, A.M. Pitera, D. Koslovsky, B.R. Sonnenberg, V.V. Pravosudov, and J.E. Ruyle. 2019. An Arduino-based RFID platform for animal research. Frontiers in Ecology and Evolution 7, 257 [Open access]

12. **Curry, C.M.**, and M.A. Patten. 2019. Complex spatiotemporal variation in processes shaping song variation. Behaviour 156(10):1057-1082. DOI: https://doi.org/10.1163/1568539X-00003556

11. **Curry, C.M.**, J.D. Ross, A.J. Contina, and E.S. Bridge. 2018. Varying dataset resolution alters predictive accuracy of spatially explicit ensemble models for avian species distribution. *Ecology and Evolution* 8(24):12867-12878. [Open access]

10. **Curry, C.M.**, P. Des Brisay, P. Rosa, and N. Koper. 2018. Noise source and individual physiology mediate effectiveness of bird songs adjusted to anthropogenic noise. *Scientific Reports* 8:3942. [Open access]

9. Warrington, M.H., B. Antze, **C.M. Curry**, and N. Koper. 2018. Noise from four types of extractive energy infrastructure affects song features in Savannah Sparrows. *Condor: Ornithological Applications* 120(1):1-15.

8. **Curry, C.M.**, B. Antze, M.H. Warrington, P. Des Brisay, P. Rosa, and N. Koper. Accepted 2017. Ability to alter song in two grassland songbirds exposed to simulated anthropogenic noise is not related to pre-existing variability. *Bioacoustics* 27(2):105-130.

7. Pipher, E., **C.M. Curry**, and N. Koper. 2016. Cattle grazing intensity and duration have varied effects on songbird nest survival in mixed-grass prairies. *Rangeland Ecology and Management* 69(6):437-443.

6. **Curry, C.M.**, and M.A. Patten. 2016. Shadow of a doubt: premating and postmating isolating barriers in a temporally complex songbird (Passeriformes: Paridae) hybrid zone. *Behavioral Ecology and Sociobiology* 70(8):1171:1186.

5. Koper, N., L. Leston, T.M. Baker, **C.M. Curry**, and P. Rosa. 2016. Effects of ambient noise on detectability and localization of avian songs and tones by observers in grasslands. *Ecology and Evolution* 6(1):245-255. [Open access]

4. **Curry, C.M.** 2015. An integrated framework for hybrid zone models. *Evolutionary Biology* 42(3):359-365.

3. **Curry, C.M.** and M.A. Patten. 2014. Current and historical extent of phenotypic variation in the Tufted and Black-crested Titmouse (Paridae) hybrid zone in the southern Great Plains. *American Midland Naturalist* 171:271-300.

2. **Curry, C.M.** and J.H. Kennedy. 2010. Factors affecting interaction rates in *Plathemis lydia* (Drury) (Anisoptera: Libellulidae). *Odonatologica* 39(1):27-39.

1. Bridge, E. S., J. F. Kelly, P. E. Bjornen, **C. M. Curry**, P. M. Crawford, and J. M. Parritte. 2010. Effects of nutritional condition on spring migration: do migrants use resource availability to keep pace with a changing world? *Journal of Experimental Biology* 213:2424-2429.

## Non-Peer-Reviewed Presentations and Posters (\*indicates presenter)

Update

Schilling, A.\*, M. Laufersweiler, B. Tweedy, and **C.M. Curry**. Data workshops in support of researchers at the University of Oklahoma. OSU – Coalition for Advancing Digital Research & Education (CADRE) 2020: Stillwater, OK, USA. (Online poster available at: <https://shareok.org/handle/11244/324832> )

Schilling, A.\*, B. Tweedy\*, and **C.M. Curry\***. 2019. An Open Access Data Workshop Curriculum for Researchers. 2019 STEM Librarians South: Austin, TX, USA. (Oral presentation.)

**Curry C.M.**,J.E. Ruyle, and E.S. Bridge\*. 2018. ETAG: An Animal Behavior Observatory for Radio Frequency Identification Technology. 2018 International Ornithological Congress, Vancouver, BC, Canada. (Poster presentation.)

**Curry, C.M.\*** and M.A. Patten. 2018. Thresholds of Avoidance Behavior in a Declining Endemic Grouse, the Lesser Prairie-Chicken. 2018 International Ornithological Congress: Vancouver, BC, Canada. (Oral presentation.)

Curry, C.M.\*, M.A. Patten, and J. Weir. 2018. Spatiotemporal structuring and genomic architecture of multiple transects across an avian hybrid zone. 2018 American Ornithology: Tucson, AZ, USA. (Oral presentation.)

**Curry C.M.\***,J.E. Ruyle, and E.S. Bridge. 2018. ETAG: An Animal Behavior Observatory for Radio Frequency Identification Technology. 2018 American Ornithology: Tucson, AZ, USA. (Poster presentation.)

**Curry, C.M.\***, J.D. Ross, A. J. Contina, and E.S. Bridge. 2017. Testing prediction accuracy and climate change estimation with spatially explicit models for grassland birds. 2017 American Ornithology: East Lansing, MI, USA. (Oral presentation.)

**Curry, C.M.\***, B. Antze, M. Warrington, P. Des Brisay, P. Rosa, and N. Koper. 2016. Behavioral responses to anthropogenic noise in two species of grassland songbirds in the Canadian mixed-grass prairie. North American Ornithological Conference 2016: Washington, DC., USA. (Oral presentation.)

**Curry, C.M.\***, M.A. Patten, and J. Weir. 2016. Geographic and genomic clines, population structure, and range expansion in a temporally complex titmouse (Paridae) hybrid zone. North American Ornithological Conference 2016: Washington, DC., USA. (Poster presentation.)

**Curry, C.M.\***, B. Antze, M. Warrington, P. Des Brisay, P. Rosa, and N. Koper. 2016. Behavioural responses of two grassland songbirds to anthropogenic noise pollution. Manitoba Chapter of The Wildlife Society Annual General Meeting: Winnipeg, MB. (Oral presentation.)

Koper, N.\*, **C.M. Curry**, B. Antze, and M. Warrington. 2016. Effects of energy infrastructure operating noise on behaviour of Savannah and Baird’s sparrows. Alberta Chapter of The Wildlife Society, Drumheller, Alberta, Canada. (Oral presentation.)

**Curry, C.M.\***, P. Des Brisay, B. Antze, H. Nenninger, M. Warrington, and N. Koper. 2015. Behavioural response of two grassland songbirds to noise pollution from energy development in the Canadian prairie. The Wildlife Society Annual Meeting: Winnipeg, MB. (Oral presentation).

Koper, N.\*, J. Bernath-Plaisted, **C.M. Curry**, B. Antze, M. Warrington, H. Nenninger, C. Swider, and P. Rosa. 2015. Effects of oil and gas infrastructure and operating noise on grassland songbirds in Alberta. The Wildlife Society Annual Meeting: Winnipeg, MB. (Oral presentation.)

**Curry, C.M.\***, P. Des Brisay, B. Antze, H. Nenninger, M. Warrington, and N. Koper. 2015. Behavioural response of two grassland songbirds to noise pollution from energy development in the Canadian prairie. International Congress for Conservation Biology: Montpellier, France. (Five minute speed talk.)

Koper, N.\*, J. Bernath-Plaisted, **C.M. Curry**, B. Antze, M. Warrington, H. Nenninger, and P. Rosa. 2015. Effects of oil and gas infrastructure and operating noise on grassland songbirds in Canada. International Congress for Conservation Biology: Montpellier, France. (Oral presentation).

Koper, N.\*, J. Bernath-Plaisted, **C.M. Curry,** H. Nenninger, P. Rosa, and C. Swider. 2015. Effects of energy infrastructure and operating noise on grassland songbirds. Alberta Chapter of the Wildlife Society: Edmonton, AB. (Oral presentation).

**Curry, C.M.\***, P. Des Brisay, B. Antze, H. Nenninger, and N. Koper. 2014. Effects of oil and gas infrastructure noise on Baird's Sparrow songs. Parks and Protected Areas Research Forum of Manitoba: Winnipeg, MB. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2014. Evolution of reproductive isolation in a temporally complex hybrid zone between Tufted and Black-crested Titmice (Paridae). American Ornithologists' Union/Cooper Ornithological Society/Society of Canadian Ornithologists joint meeting: Estes Park, CO. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2013. Sexual and natural selection on song across the temporally complex hybrid zone of Tufted and Black-crested Titmice (Paridae). American Ornithologists' Union/Cooper Ornithological Society joint meeting: Chicago, IL. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2013. Sexual and natural selection on song across a temporally complex passerine hybrid zone. Evolution 2013 meeting: Snowbird, UT. (Poster presentation).

**Curry, C.M.**\* and M.A. Patten. 2012. Evolution of song variation across a complex hybrid zone in Tufted and Black-crested titmice. Oklahoma Ornithological Society meeting: Oklahoma City, OK. (Oral presentation). **Won “Best Oral Presentation by a Graduate Student”.**

**Curry, C.M.\*** and M.A. Patten. 2012. Evolution of song variation across a complex hybrid zone in Tufted and Black-crested titmice. North American Ornithological Conference: Vancouver, BC. (Poster presentation).

**Curry, C.M.\*** and M.A. Patten. 2012. Causes and consequences of song variation across a temporally complex passerine hybrid zone. First Joint Congress on Evolutionary Biology: Ottawa, ON. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2011. Causes of song variation across the titmouse hybrid zones in Oklahoma and Texas. Oklahoma Ornithological Society meeting: Edmond, OK. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2011. Song varies across younger and older hybrid zones in Black-crested (*Baeolophus atricristatus*) and Tufted (*B. bicolor*) titmice. Evolution 2011 meeting: Norman, OK. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2011. Song varies across younger and older hybrid zones in Black-crested (*Baeolophus atricristatus*) and Tufted (*B. bicolor*) titmice. Association of Field Ornithologists/Cooper Ornithological Society/Wilson Ornithological Society joint meeting: Kearney, NE. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2010. Vocal dynamics of a complex avian hybrid zone. Oklahoma Ornithological Society meeting: Stillwater, OK. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2010. Vocal dynamics of a complex avian hybrid zone. Association of Field Ornithologists’ annual meeting: Ogden, UT. (Poster presentation.)

**Curry, C.M.\*** and M.A. Patten. 2010. Vocal dynamics of a complex avian hybrid zone. Southwestern Association of Naturalists annual meeting: Junction, TX. (Poster presentation).

**Curry, C.M.**\* and J.H. Kennedy. 2008. Factors affecting interaction rates and space use of *Plathemis lydia* (Drury 1773) (Odonata: Libellulidae). Southwestern Branch of the Entomological Society of America/Society of Southwestern Entomologists joint meeting: Fort Worth, TX. (Poster presentation).

**Curry, C.M.**\* and J.H. Kennedy. 2008. Factors affecting interaction rates and space use of *Plathemis lydia* (Drury 1773) (Odonata: Libellulidae). Southwestern Association of Naturalists annual meeting: Memphis, TN. (Oral presentation).

## Seminars, Invited lectures, and public presentations (\*indicates presenter)

**Curry, C.M.\***. 2020. Zero to online in 60 seconds: moving Undergraduate Research Day to Open Science Framework. 2020 University Library Day: Norman, OK, USA. (Lightning talk via Zoom. Invited presentation.)

**Curry, C.M.\***, P. Des Brisay, P. Rosa, and N. Koper. 2017. Efficacy of adjusted songs for communication in noise varies with infrastructure type and hormone levels. In: Mechanisms underlying avian response to energy development (symposium). 2017 American Ornithology: East Lansing, MI, USA. (Oral presentation.)

Koper, N.\*, P. Rosa, **C.M. Curry**, J. Bernath-Plaisted, H. Nenninger, and J. Daniel. 2017. Industrial noise and oil wells: effects on birds. University of Winnipeg, Winnipeg, Manitoba, Canada.

Koper, N.\*, P. Rosa, **C.M. Curry**, J. Bernath-Plaisted, M. Warrington, and H. Nenninger. 2017. Effects of noisy oil and gas infrastructure and anthropogenic noise on abundance, productivity, and behaviour of grassland songbirds. Université du Quebéc à Trois-Rivières, Quebec, Canada.

Koper, N.\*, P. Rosa, **C.M. Curry**, J. Bernath-Plaisted, H. Nenninger, M. Warrington, and J. Daniel. 2017. Effects of oil and gas infrastructure and anthropogenic noise on grassland songbirds. National Wildlife Research Centre Seminar Series, Carleton University, Ottawa, Ontario, Canada.

Koper, N.\*, P. Rosa, **C.M. Curry**, J. Bernath-Plaisted, H. Nenninger, and J. Daniel. 2017. Effects of noisy petroleum infrastructure on grassland songbirds in Alberta, Canada. Entomology Department Seminar Series, University of Manitoba, Winnipeg, Manitoba, Canada.

Koper, N.\*, P. Rosa, **C.M. Curry**, J. Bernath-Plaisted, H. Nenninger, and J. Daniel. 2017. Effects of noisy petroleum infrastructure on grassland songbirds in Alberta, Canada. St. George's University, Grenada.

Koper, N.\*, D. Bruinsma, **C.M. Curry**, L. McDonald, M. Warrington, J. Bernath-Plaisted, H. Nenninger, and E. Prokopanko. 2016. If we build it, will they come? Manitoba’s grassland birds and their native prairie habitats. Living Prairie Museum Public Lecture Series, Winnipeg, Manitoba, Canada.

Koper, N.\*, **C.M. Curry**, B. Antze, J. Daniel, H. Nenninger, J. Bernath-Plaisted, P. Rosa, and M. Warrington, M. 2016. Effects of energy infrastructure on grassland songbirds. Cenovus Lunch and Learn seminar series (invited), Cenovus Energy, Calgary, Alberta, Canada.

**Curry, C.M.\*** 2015. Management and analysis of quantitative data. Guest lecture in Master’s Thesis Research Seminar (NRI 7262). (Invited by the instructor, Dr. John Sinclair).

Koper, N.\*, J. Bernath-Plaisted, **C.M. Curry**, B. Antze, M. Warrington, H. Nenninger, C. Swider, and P. Rosa. 2015. Effects of energy infrastructure and operating noise on grassland songbirds in Alberta. National Wildlife Research Centre Seminar Series, National Wildlife Research Centre, Carleton University, Ottawa, Canada.

Koper, N.\*, P. Rosa, J. Lockhart, T. Lwiwski, J. Rodgers, K. Molloy, **C.M. Curry**, S. Fischer, C. Swider, and J. Yoo. 2015. From mensurative to manipulative: diverse study designs to understand effects of anthropogenic disturbance and habitat fragmentation on grassland birds. Ontario Grassland Guild: Guelph, ON.

Koper, N.\*, J. Rodgers, J. Yoo, K. Molloy, J. Bernath-Plaisted, **C.M. Curry**, B. Antze, M. Warrington, H. Nenninger, C. Swider, and P. Rosa. 2015. Effects of shallow gas and oil infrastructure and operating noise on grassland songbirds. Canadian Wildlife Service: Edmonton, AB.

**Curry, C.M.\*** 2014. Adaptation and evolution: the role of evolution in conservation and management. Guest lecture in **Ecological Dimensions of Resource and Environmental Management (NRI7232)**. Natural Resources Institute, University of Manitoba, Winnipeg, MB. (Invited by the instructor, Dr. Nicola Koper).

**Curry, C.M.\*** 2014. Evolution of reproductive isolation in a temporally complex songbird hybrid zone. Seminar at Natural Resources Institute, University of Manitoba, Winnipeg, MB. (Oral presentation).

**Curry, C.M.\*** 2013. The evolution of reproductive isolation in a temporally complex passerine hybrid zone. Ecology and Evolutionary Biology seminar at Kansas State University: Manhattan, KS. (Invited seminar, host Dr. Brett Sandercock).

**Curry, C.M.\*** 2013. The evolution of reproductive isolation in a temporally complex passerine hybrid zone. Biology department seminar, University of Oklahoma: Norman, OK. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2011. Song varies across younger and older hybrid zones in Black-crested (*Baeolophus atricristatus*) and Tufted (*B. bicolor*) titmice. Ecology and Evolutionary Biology seminar (“Ecomunch”) at University of Oklahoma: Norman, OK. (Oral presentation).

**Curry, C.M.\*** and M.A. Patten. 2011. Song varies across younger and older hybrid zones in Black-crested (*Baeolophus atricristatus*) and Tufted (*B. bicolor*) titmice. Graduate College Student Research and Performance Day, University of Oklahoma: Norman, OK. (Poster presentation).

**Curry, C.M.\*** and M.A. Patten. 2010. Song differences between Tufted and Black-crested Titmouse. Graduate College Student Research and Performance Day, University of Oklahoma: Norman, OK. (Poster presentation).

**Curry, C.M.\*** 2009. Genetic and behavioral dynamics in a complex avian hybrid zone. Ecology and Evolutionary Biology seminar (“Ecomunch”) at University of Oklahoma: Norman, OK. (Oral presentation).

## Teaching Experience

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| 2018-present | Library instruction | 20-50 class visits per year teaching information literacy to undergraduate and graduate classes in STEM fields at OU. |
| 2018-present | Library workshops | UPDATE |
| 2018-present | Software and Data Carpentry | 2-3+ workshops per semester (including lead instructor), certified Carpentries instructor (as of 2019) as part of Science Librarian position |
| 2015-2016 (winter only)  Two semesters | Study Design and Quantitative Methods in Natural Resource Management (graduate)  Co-instructor with Dr. Nicola Koper | Presenting R code to implement statistical methods; lecture on multivariate statistics; and grading half of assignments. |
| 2015 (fall)  One semester | Ecological Dimensions of Natural Resource Management (graduate)  Sessional instructor | Instructor: lecture, guide discussions, grade assignments. |
| 2012 (spring)  One semester | Intro. to Evolution, Ecology, and Diversity (undergraduate, majors)  Professor: Dr. Phil Gibson  Graduate teaching assistant. | Presentation of weekly lab materials, creating and grading quizzes, grading lecture exams, proctoring lecture and lab exams, and guiding students through lab experiments. |
| 2009-2012 (fall only)  Four semesters | Entomology (undergraduate/graduate)  Professor: Dr. Ken Hobson Graduate teaching assistant. | Presentation of insect orders and families; creating and grading quizzes and exam; and leading students on field trips. |
| 2008, 2012 (fall only)  Two semesters | Introductory Zoology Lab (undergraduate, non-majors)  Professor: Dr. Penny Hopkins Graduate teaching assistant. | Lecturing on the day’s lab topic, assisting students with dissections, and writing, administering, and grading quizzes. |
| 2009 (spring & fall), 2010-2011 (fall only)  Four semesters | Principles of Ecology (undergraduate, majors) Professor: Dr. Ken Hobson Graduate teaching assistant | Discussion of concepts, guiding students through field experiments; and grading lab reports. |
| 2006, 2007 (fall only)  Two semesters | Insect Biology Lab (undergraduate/graduate)  Professor: Dr. James Kennedy Volunteer teaching assistant | Help students with keying insects, assist students on field trips, and proctor exams and quizzes with the graduate teaching assistants. |

## Fellowships, Awards, and Honors

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| May 2022 | Thomas & Catherine Luccock Library Award of Excellence | University of Oklahoma Libraries | “The Thomas & Catherine Luccock Library Award of Excellence is the highest honor awarded by the University of Oklahoma Libraries. This prestigious award will be presented annually to recognize and commend an individual for superior performance and contributions to the University of Oklahoma Libraries.” |
| September 2021 | Hidden Hero Award | University of Oklahoma Libraries | “Going above and beyond in the performance of your job duties.” |
| April 2020 | Collaborative Spirit Award (for STEM Services team) | University of Oklahoma Libraries | “Recognizes a work team or volunteer group that successfully works together to create a product or result that was strengthened by the effort of the team. “ |
| August 2017 | Elective Member | American Ornithology Society | Elected to honorary membership category recognizing contributions to ornithology. |
| August 2012-March 2014 (graduation) | GAANN (Graduate Assistance in Areas of National Need) Fellow | Department of Education | Nominated by department; covers stipend, tuition, fees |
| 2008-2014 | Alumni Fellow | University of Oklahoma Graduate College | “emphasizes the recruitment and retention of outstanding graduate students”. More information at <http://www.ou.edu/gradweb/funding\_and\_aid/fellowships.html>. |
| May 2013 | Biology Department Award for Excellence in Graduate Student Teaching | University of Oklahoma Department of Biology | Nominated for teaching Ecology and Entomology Labs. |
| October 2012 | Best oral presentation by a graduate student | Oklahoma Ornithological Society | Fall 2012 technical meeting |
| Spring 2005-Fall 2007 | President’s List | University of North Texas | For 4.00 GPA while completing at least 12 credit hours in a semester |
| 2003 | National Grasslands Prairie Partner Award (shared with M. Curry) | National Grasslands Council | For volunteer work at the Lyndon B. Johnson National Grasslands. |

## Successful Intramural funding

OU Data Institute for Societal Challenges Seed Funding, June 2022-May 2023. Seed funding to develop Statistics Helper educational website prototype, $10,000.

OU College of Arts and Sciences Student Travel Fund, August 2013, travel to joint meeting in Chicago, IL, Utah in August 2013, $750.

OU Department of Biology, May 2013, to attend Evolution 2013 meeting in Snowbird, UT in June 2013, $250.

M. Blanche Adams and M. Frances Adams Memorial Scholarships in Zoology: Summer Research Scholarship, summer 2012, proposal title “**Evolution of reproductive isolation in a spatially and temporally complex songbird hybrid zone**”; summer research assistantship in department, $2500.

George Miksch Sutton Scholarship in Ornithology, 2012, proposal title “Testing hybrid zone models using the Tufted (*Baeolophus bicolor*) and Black-crested (*B. atricristatus*) Titmouse  
hybrid zone”, research equipment, travel, and lab expenses, $3500.

OU College of Arts and Sciences Student Travel Fund, August 2012, travel to North American Ornithological Conference in Vancouver BC in August 2012, $750.

M. Blanche Adams and M. Frances Adams Memorial Scholarships in Zoology: Academic Year Scholarship 2011-2012, proposal title “Behavioral and genetic dynamics of a complex avian hybrid zone”; for professional travel and research expenses, $1000.

M. Blanche Adams and M. Frances Adams Memorial Scholarships in Zoology: Summer Research Scholarship, summer 2011, proposal title “Behavioral and genetic dynamics of a complex avian hybrid zone”; summer research assistantship in department, $2500.

George Miksch Sutton Scholarship in Ornithology, 2011, proposal title “Testing hybrid zone models using the Tufted (*Baeolophus bicolor*) and Black-crested (*B. atricristatus*) Titmouse  
hybrid zone”, research equipment, travel, and lab expenses, $6700.

OU Department of Zoology, February 2011, travel to Association of Field Ornithologists/Cooper Ornithological Society/Wilson Ornithological Society joint meeting in Kearney, Nebraska in March 2011, $250.

OU College of Arts and Sciences Student Travel Fund, October 2010, travel to Association of Field Ornithologists' conference in Ogden, Utah in August 2010, $750.

OU Robberson Travel Grant, October 2010, travel to Association of Field Ornithologists' conference in Ogden, Utah in August 2010, $500 (granted once per degree).

M. Blanche Adams and M. Frances Adams Memorial Scholarships in Zoology: Academic Year Scholarship 2010-2011, proposal title “Behavioral and genetic dynamics of a complex avian hybrid zone”; for professional travel and research expenses, $1000.

M. Blanche Adams and M. Frances Adams Memorial Scholarships in Zoology: Summer Research Scholarship, summer 2010, proposal title “Behavioral and genetic dynamics of a complex avian hybrid zone”; partial summer research assistantship in department (complements 2010 Sutton Scholarship stipend, below), $756.

George Miksch Sutton Scholarship in Ornithology, 2010, proposal title “Dynamics of a complex avian hybrid zone”, research equipment, travel, lab expenses, and partial summer stipend, $4800.

OU Graduate Student Senate Research and Creative Endeavors Grant, spring 2010; research equipment and travel to north-central Texas to examine field sites, $224.82.

OU Graduate Student Senate Conference and Creative Exhibition Grant, spring 2010; lodging and daily expenses at Southwestern Association of Naturalists’ meeting in Junction, TX, $79.86.

OU Robberson Research Grant, February 2010, research travel and genetic analysis costs, $1000 (granted once per degree).

OU Graduate Student Senate Research and Creative Endeavors Grant, fall 2009; travel expenses to southwestern Oklahoma to examine field sites, $315.62.

Carl and Pat Bynum Riggs Scholarship, Summer 2009; to defray expenses of course tuition and fees for O.U. Biological Station summer session; Molecular Techniques for Field Biology class, $500.

M. Blanche Adams and M. Frances Adams Memorial Scholarships in Zoology: Summer Research Scholarship, summer 2009, proposal title “Behavioral and genetic dynamics of a complex avian hybrid zone”; summer research assistantship in department, $2500.

George Miksch Sutton Scholarship in Ornithology, 2009, proposal title “Dynamics of a complex avian hybrid zone”; research equipment and travel expenses, $5000.

## Successful Extramural funding

Prairie Biotic Research, Inc. small grants program, March 2018, proposal title, “An Illustrated Checklist of the Lichens of Wise County, Texas, and Surrounding Areas”, $1500. Co-PI Mary Curry.

Amazon Web Services (AWS) Cloud Credits for Research program, 2017, proposal title “Predictive accuracy and efficiency of spatially explicit species distribution models”, $6500 in computing credits on AWS.

American Ornithological Society Post-Doctoral Travel Award, August 2017, to attend 2017 American Ornithology Conference in East Lansing, MI, $290.

Association of Field Ornithologists’ Post-Doctoral Travel Award, August 2016, to attend NAOC2016 meeting in Washington, DC, $260.

American Ornithologists Union/Cooper Ornithological Society/Society of Canadian Ornithologists Joint Student Travel Award, September 2014, to attend AOU/COS/SCO joint meeting in Estes Park, CO, $370.

American Ornithologists Union/Cooper Ornithological Society Student Travel Award, August 2013, to attend AOU/COS joint meeting in Chicago, IL, $333.

American Society of Naturalists Student Travel Award, June 2013, to attend Evolution 2013 meeting in Snowbird, UT, $500.

Sigma Xi Grant-in-Aid of Research, Spring 2012, proposal title “**Evolution of reproductive isolation in a spatially and temporally complex songbird hybrid zone**”, travel mileage to field sites, $500.

Frank M. Chapman Memorial Fund Grant, American Museum of Natural History, funding period 2012-2013, proposal title “Shadow of a doubt: species recognition in a complex avian hybrid zone”, research expenses and genetic analysis costs, $2000.

Student Travel Award from 2012 North American Ornithological Conference in Vancouver BC, $300.

Frank M. Chapman Memorial Fund Grant, American Museum of Natural History, funding period 2011-2013, proposal title “Why songs change over space and time in a complex avian hybrid zone”, research expenses and genetic analysis costs, $2000.

Oklahoma Ornithological Society, 2012, proposal title “**Shadow of a doubt: species recognition and fitness in a complex avian hybrid zone**”, research expenses, $500.

Oklahoma Ornithological Society, 2010, proposal title “Genetic and vocal dynamics of a complex avian hybrid zone”, research expenses, $400.

## Professional Memberships

American Statistical Association (2022-present), Education Section and Oklahoma Chapter.

American Ornithological Society (2010-present), voted Elective Member in 2017

Association of Field Ornithologists (2012-2022)

## Professional Service

### External

Peer reviewer (Publons profile: [publons.com/a/1187905/](https://publons.com/a/1187905/) )

*Auk: Ornithological Advances*

*Avian Conservation and Ecology*

*Condor (*now *Ornithological Applications)*

*Diversity and Distributions*

*Ecology and Evolution*

*Environmental Pollution*

*Evidence-based Toxicology*

*Ibis*

*Journal of Applied Ecology*

*Northeastern Naturalist*

*Rangeland Ecology and Management*

*Wilson Journal of Ornithology*

Instructor on TAGS (Geolocator Data Cleaning website) at Geolocation Workshop August 18-19, 2018. Preceding International Ornithological Congress: Vancouver, BC, Canada.

Session Chair (“Evolution”), 2018 American Ornithology Conference: Tuscon, AZ, USA.

Judged student presentations (oral presentations and posters) at 2018 American Ornithology Conference: Tuscon, AZ, USA.

Session Chair (“Landscape ecology”), 2017 American Ornithology Conference: East Lansing, MI, USA.

Judged student presentations (oral presentations and posters) at 2017 American Ornithology Conference: East Lansing, MI, USA.

Judged undergraduate presentations (oral presentations and posters) at North American Ornithological Conference 2016: Washington, DC., USA.

Presented and led discussion on project and risk management during Critical Skills for the Early Career Professional workshop at 2015 The Wildlife Society Meeting, Winnipeg, MB, October 2015.

Panelist on careers in biology at Prairie University Biology Symposium, Winnipeg, MB, February 2015; one of three early career biologists answering questions from graduate students.

Undergraduate Diversity Mentor for two undergraduates attending the Evolution 2013 meeting in Snowbird, UT.

Session Chair (“Diseases/parasites”), NAOC-V meeting, 14-18 August 2012, Vancouver BC.

Volunteer, Evolution 2011 meeting, 17-21 July, Norman OK; driving van.

Session Chair (“Diversification- Birds”), Evolution 2011 meeting, 17-21 July 2011, Norman OK.

Member of the Cooper Ornithological Society's Early Career Editorial Board for *Condor* (2011-2012; graduated from the board at the end of that period).

### University

Institutional Animal Care and Use Committee Scientist Member, February 2021-present.

Hiring committee (chair) for University Libraries STEM Instruction Librarian – 2024 (in progress)

Hiring committee for University Libraries National Weather Center Branch Library Manager – 2023 (successful search)

UL Awards committee (2023)

Hiring committee for University Libraries Liaison Coordinator – 2022-2023 (unsuccessful searches)

OU Coding Outreach for Data Education (CODE) Workshop helper for R and Python: Fall 2020, Fall 2021, Fall 2022.

Hiring committee for University Libraries Marketing & Communication Search – 2021 (successful search)

Successful proposal (with assistance from LGBTQIA+ colleagues) to add option for pronouns to official University Libraries name badges for faculty/staff - 2021

Judge for OU Honors College Undergraduate Research Day, April 2020.

Judge for OU Honors College Undergraduate Research Day, April 2019.

Reviewer for OU School of Architecture Program for Research Enhancement to provide layperson’s feedback: fall 2018, spring 2019, fall 2019.

Software and Data Carpentry helper and instructor: 2017-present.

Guest panelist in Earth Observation Science for Society and Sustainability (EOS 3) interdisciplinary certificate program class on “Building a better Ph.D. or M.S.” August 28, 2017. Class taught by Drs. Jeff Kelly, Andrea Contina, and Sara Mata, University of Oklahoma, Norman, OK, USA.

Department of Biology Graduate Selections Committee graduate student representative (2010-2013 academic years); provide comments on new graduate student applications to the department.

Nominated to serve as a OU Graduate College Academic Appeals and Misconduct student panelist (2011-2012 academic year); nominated by the OU Department of Zoology’s Graduate Liaison for being “an experienced Graduate Student and hav[ing] demonstrated the qualities necessary to serve as an Appeals or Misconduct panelist such as judgment, discretion and commitment.”

Founded and organize Ecology Journal Club at OU with weekly discussions by students and faculty of published papers (fall 2011-fall 2013; responsibilities passed to a new student during my last semester of spring 2014 and meetings continue each semester).

Mentoring

Ahmed Sharaf (August 2022-August 2023): Undergraduate student web developer. professional skills like note taking, working with consultants, writing short project updates, creating and implementing project milestones, collaborative use of GitHub. Graduated December 2023.

Guidance on project design, sampling, statistical analysis, and use of R and SAS for Master’s (14), undergraduate (1), and Ph.D. (1) students in Dr. Nicola Koper lab, plus additional help to Master’s (2) and Ph.D. (1) students at the Natural Resources Institute and Biology departments.

Alexandra Ainsworth (spring 2012): undergraduate independent study (3 credit hours); she fed captive birds, assisted with mate choice trial set-up, bird capture, DNA extraction using Qiagen DNeasy kits, PCR, and agarose gel electrophoresis.

S. Hope Stuart (January-April 2012, January-March 2013): volunteer was a recent OU graduate wanting field experience before applying to jobs and/or graduate school. She learned about mist-netting, trapping, banding, setting up mate choice trials, maintaining captive birds, DNA extraction using Qiagen DNeasy kits, PCR, and agarose gel electrophoresis. Graduated with Ph.D. from University of Illinois at Champaign-Urbana.

## Public Service, Outreach, and Popular Articles

**Curry, C.M.\*** 14 Feb. 2019.Can they hear each other now? Noise and its effects on birds in the Canadian prairies and elsewhere. Fort Worth Audubon Society: Fort Worth, TX. (Public talk).

**Curry, C.M.\*** 22 Jan. 2018.Can they hear each other now? Noise and its effects on birds in the Canadian prairies and elsewhere. Oklahoma City Audubon Society: Oklahoma City, OK. (Public talk).

**Curry, C.M.\*** 2015. Evolution in action in Oklahoma and Texas. Presentations via teleconference to high school students in Jenks, Oklahoma AP Environmental Science classes (four periods, Mr. Bryan Yockers) about the evolution of reproductive isolation in titmice.

**Curry, C.M.\***  2012. Titmice in Oklahoma and Texas: what makes a hybrid zone? Oklahoma City Audubon Society: Oklahoma City, OK. (Public talk).

Co-led nature walk for National Trails Day at Fort Richardson State Park, TX, with park manager in June 2012.

Expert biologist at 2011 BioBlitz Oklahoma at Chickasaw National Recreation Area, Murray County, Oklahoma.

Guided bird walk for Fort Griffin State Historic Site, TX, June 2011.

**Curry, C.M.**\* 2009. Hybrid zones: titmice and the nature of species. Darwin-a-thon public education event at University of Oklahoma: Norman, OK. (Public talk).

Assisted in preparing bird specimens and mounts for display at the U.S. Forest Service office in Decatur, TX.

Completed volunteer hours and advanced training hours for Elm Fork chapter of Texas Master Naturalist program, Class of 2000. Certified from 2000 to 2006.

Have co-presented talks about birds and ecology to Denton County Master Gardeners (TX), Elm Fork Chapter of Texas Master Naturalists, Decatur Lions’ Club, Tallgrass Prairie Audubon Society, Girl Scouts, Boy Scouts, elementary school students in Decatur, TX, and 2001, 2006, and 2007 JAKES (Juniors Acquiring Knowledge, Ethics, and Sportsmanship) events (U.S. Forest Service; Texas Parks and Wildlife) at the Lyndon B. Johnson National Grasslands.

Co-led monthly field trips to the Lyndon B. Johnson National Grasslands from February 2004 to January 2005.

Compiled checklists of Wise County birds and butterflies for distribution at the U.S. Forest Service office in Decatur.

Participated in Wise County Christmas Bird Count circle from 2000-2007.

Participated in Project Prairie Birds in winters of 2002-2006 on the Lyndon B. Johnson National Grasslands.

Co-editor of *Tall Grass Tales*, newsletter of Tallgrass Prairie Audubon Society, from December 2001 to October 2004.

Popular articles:

Monthly “Birds and Beyond” column for a small Texas newspaper, the Wise County Messenger. September 2002-September 2007, volunteer columnist; November 2007-October 2013, paid columnist. Articles generally focused on natural history and identification of north-central Texas birds, butterflies, plants, and other organisms and descriptions of trips in other areas of Texas and Oklahoma.

Curry, Claire. 2004. West Nile virus: birds, people, and Texas.” *Texas Birds* 5(1):14-16.

-A short review of West Nile Virus after its initial outbreak.

Curry, Claire. 2004. Killer meadowlarks. *Texas Birds* 5(1):29-30.

-Observations on an Eastern Meadowlark killing American Goldfinches during a winter storm.

Curry, Claire. 2004. Flight path: Young Birder of the Year contest ~ A birding essay: Stubs. *Birding* August 36(4):354-356.

-Observations on a female *Archilochus sp*. hummingbird with a broken beak.

Curry, Claire. 2004. Real birders drool. IN Claire Curry, Robert M. Milardo, and Richard Frechette. 2004. Dimensions: Three flights of fancy. *Birding* 36(3):288-289.

-Humorous essay on the canine birding experience.

Curry, Claire. 2002. The tail of an unfortunate chickadee. *Winging It* 14(2):4.

-Description of a Carolina Chickadee trapped in an *Argiope sp.* spider web.

## training and computer Skills

Evidence Synthesis Institute, August 2022 cohort.

Using training to assist OU community members from departments of Social Work, Mathematics, Health and Exercise Science, Geography & Environmental Sustainability, Education.

Development of Evidence Synthesis LibGuide Page for initial information for community members: <https://guides.ou.edu/data_resources/synthesis>

Collaborating with Writing Center on a future questionnaire to guide users to specific types of synthesis.

Certified Carpentries instructor

Have taught modules on Git/GitHub, Bash, OpenRefine, Tidy Data, R (both Software and Data Carpentry versions), and helped with Python

Statistical programs

R 4.0+ (including package ‘tidyverse’ for data, ‘lme4’ and ‘nlme’ for mixed models, and ‘sqldf’ to perform SQL queries within R)

SAS 9.2+

Databases

PostgreSQL database language (queries, import and export of data)

pgAdmin III database interface and psql command line interface for use with PostgreSQL

LibreOffice 3.4+ Base

Microsoft Access (uses jetSQL)

Version control

Git

Github.com

Git Large File System

Specialized software

Raven Pro 1.5 sound analysis software

Zotero 3.0.7+ bibliography software

Phylogenetic software (basic procedures): MRBAYES 3.1.2, RAxML, GARLI 1.0, FigTree, and MEGA 4.0

Word processing and spreadsheets

Microsoft Office: Word, Access, Excel, PowerPoint, OneNote

LibreOffice 3.3.0+: Writer, Impress (PowerPoint equivalent), Base (Access equivalent)

Geographic information systems

R for GIS: packages ‘rgdal’, ‘sp’, ‘sf’, ‘terra’, ‘raster’, and ‘rgeos’

QuantumGIS opensource GIS software v. 2.10+

ArcGIS 9.2 and later. Current use for consultations, past use for research, plus completed course Introduction to Geographic Information Systems course (UNT, Fall 2007).

Graphics

SigmaPlot 11.0

Inkscape 0.48 (creating vector graphics)