

Donelle L. Schwalm

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EDUCATION

- 2012 **Ph.D. Wildlife Sciences**, Department of Natural Resources Management, Texas Tech University. Dissertation title: Understanding functional connectivity in shortgrass and mixedgrass prairies using the swift fox (*Vulpes velox*) as a model organism. Committee Chair: Dr. Warren Ballard
- 2007 **M.S. Wildlife Sciences**, Department of Natural Resources Management, Texas Tech University. Thesis title: Current distribution of the swift fox (*Vulpes velox*) in Texas. Committee Chair: Dr. Warren Ballard
- 2000 **B.A. Biology**, Department of Biology, Adrian College

EMPLOYMENT HISTORY

- 2016-Present Research Associate Faculty, Department of Fisheries and Wildlife, Oregon State University, Corvallis OR
- 2016-Present Adjunct Faculty, Department of Natural Resources, South Dakota State University, Brookings, SD
- 2012-2015 Postdoctoral Scholar, Pikas in Peril, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR
- 2005-2012 Graduate Research Assistant, swift fox distribution and functional connectivity assessment, Department of Natural Resources Management, Texas Tech University, Lubbock, TX
- 2004 Biological Technician, swift fox reintroduction , Turner Endangered Species Fund, Badlands Ranch, Fort Pierre, SD
- 2004 Biological Consultant, Avon Park Air Force Range, Avon Park, Florida
- 2003 Wildlife Biologist Assistant, small mammal and herptofauna surveys, SC Research Cooperative Unit, Clemson University, Aiken, SC
- 2000-2003 Research Assistant, red-cockaded woodpecker monitoring and restoration, Avian Ecology Lab, Archbold Biological Station, Lake Placid, FL
- 2000 Wildlife Technician, red-cockaded woodpecker population monitoring and prescribed burning, North Carolina Wildlife Resource Commission, Hoffman, NC
- 1999 Endangered Species Technician, Karner blue butterfly population monitoring, Fort McCoy Army Base, Fort McCoy, WI

PUBLICATIONS (*INDICATES STUDENT MENTEE)

Masseloux, J*, CW Epps, A Durate, **D Schwalm**, and M Wykstra. Using detection/non-detection surveys to model occurrence of East African carnivores. *In review* African Journal of Wildlife Research.

Rodhouse, TJ, M Jeffress, K Sherrill, S Mohren, N Nordensten, M Magnuson, **D Schwalm**, JA Castillo, M. Shinderman, and CW Epps. Variation in strength of local habitat and meso-scale climatic influences on site occupancy turnover among four American pika (*Ochotona princeps*) metapopulations. *In review* Global Change Biology.

Castillo, JA, CW Epps, M Jeffress, C Ray, TJ Rodhouse, and **D Schwalm**. 2016. Replicated landscape genetic and network analyses reveal wide variation in functional connectivity for American pikas. *Ecological Applications* 26 (6):1660-1676.

Schwalm, D, CW Epps, TJ Rodhouse, W Monahan, JA Castillo, C Ray, and MR Jeffress. 2016. Habitat availability and gene flow influence diverging local population trajectories under scenarios of climate

change: a place-based approach. *Global Change Biology*, doi: 10.1111/gcb.13189. ***Featured article in *Conservation Magazine*, February 3, 2016 and on Oregon Public Broadcasting, February 2016.**

Schwalm, D, LP Waits, and WB Ballard. 2014. Little fox on the prairie: an assessment of genetic structure and diversity throughout the distribution of a grassland species in the United States. *Conservation Genetics* 15:1503-1514.

McRoberts, JT, AW Ferguson, **DL Schwalm**, JM Timmer, and WB Ballard. 2013. Publication rates of presentations given at annual conferences of The Wildlife Society, 1994-2006. *The Wildlife Society Bulletin* 38(1):134-141.

Schwalm, D, WB Ballard, RJ Baker, EB Fish, and HA Whitlaw. 2012. Current distribution of the swift fox in Texas. *The Southwestern Naturalist* 57(4):393-398.

Schwalm, D and R Bowman. 2004. Inbreeding depression or micronutrient limitation: patterns of hatching failure in red-cockaded woodpeckers at Avon Park Air Force Range. Pg 630 *in* Red-cockaded Woodpecker: Road to Recovery. Costa, R. and S.J. Daniels, editors. Hancock house Publishers, LTD. Blaine, Washington, USA.

Bowman, R, DL Leonard, D Swan, and **D Schwalm**. 2004. Demography and population trends of a small red-cockaded woodpecker population in south-central Florida. Pgs 187-197 *in* Red-cockaded Woodpecker: Road to Recovery. Costa, R. and S.J. Daniels, editors. Hancock house Publishers, LTD. Blaine, Washington, USA.

MANUSCRIPTS IN PREPARATION

Olimb, SK, KLS Bly, and **DL Schwalm**. Use of mixed-effect modeling to identify sub-ecoregional influence of habitat variables on swift fox distribution in Montana. *Target Journal: Journal of Mammalogy*.

Schwalm, D, SA Cushman, MA Murphy, LP Waits, and WB Ballard. Connectivity networks in a highly fragmented grassland system: identifying movement corridors for a rare mesocarnivore with empirically derived resistance surfaces. *Target Journal: Biological Conservation*.

Schwalm, D, K Bly, N Schumaker, and CW Epps. Developing a restoration strategy for swift fox in the Northern Great Plains. *Target Journal: Conservation Biology*.

GRANTS AND CONTRACTS

- 2017 *Investigating swift fox regional population connectivity and role in mediating interactions between a suite of USFS sensitive species*. United States Forest Service, \$210,000 (PI) – under review.
- 2017 *How do inter-population connectivity, inter-clade canid dynamics, and regional variation in habitat suitability influence the recovery of the swift fox in the Northern Great Plains?* Bureau of Land Management, \$250,000 (PI) – under review.
- 2017 *Pacific Northwest bat identification, white-nose syndrome surveillance, and student internships*. Mt. Rainier and Crater Lake National Park, \$79,333 (PI)
- 2017 *Associating swift fox presence with the distribution of sympatric carnivores in western South Dakota*. South Dakota Game, Fish and Parks State Wildlife Grant, \$61,057 (co-PI)
- 2016 *Assessing distribution, genetic diversity, occupancy and habitat suitability for swift fox in Texas*. Texas Parks and Wildlife Department Wildlife Research Grant, \$151,575 (PI)
- 2015 *Distribution, disease risk, and conservation planning for swift fox in the Northern Great Plains*. National Fish and Wildlife Foundation, \$118,930 (co-PI)
- 2015 *Northern Great Plains swift fox connectivity project*. National Fish and Wildlife Foundation, \$177,339 (co-PI)
- 2014 *Swift fox distribution assessment and reintroduction strategy*. National Fish and Wildlife

- Foundation, \$127,619 (PI)
- 2007 *Genetic assessment of the role of habitat fragmentation in functional connectivity of swift fox populations.* National Fish and Wildlife Foundation, \$24,768 (co-PI)
- 2007 Houston Zoo Research Grant, \$3000 (PI)
- 2007 *Swift fox occupancy and genetic diversity in the Texas Panhandle.* Texas Parks and Wildlife Department State Wildlife Grant, \$52,800 (co-PI)
- 2006 *How does habitat fragmentation influence genetic diversity and connectivity in isolated swift fox populations?* National Fish and Wildlife Foundation, \$34,128 (co-PI)

POPULAR ARTICLES AND WEBINARS

Rodhouse T, **D Schwalm**. 2016. Pikas in Peril (?) A multi-park climate change vulnerability assessment for the American Pika. National Park Service Climate Change Response Program monthly climate change webinar series. **Invited webinar.**

Rodhouse T, **D Schwalm**, CW Epps, JA Castillo. 2016. Pikas in Peril (?) A multi-park climate change vulnerability assessment for the American Pika. National Park Service Staff Briefings (2 webinars).

Rodhouse TJ, **D Schwalm**. 2015. Are pikas in peril in National Parks? Insights from the CCRP-funded Pikas in Peril project. National Park Service Climate Change Response Program Newsletter.

SELECTED PRESENTATIONS AND WEBINARS (*INDICATES STUDENT MENTEE)

Butler A*, A Moehrensclager, K Bly, **D Schwalm**, D Jachowski. 2017. Influence of life-history stage, movement state, and resource dispersion on swift fox habitat in the Northern Great Plains. Annual Conference of The Wildlife Society, Albuquerque, New Mexico.

Mitchell EL*, TL Wilson, **D Schwalm**, JA Jenks. 2017. Distribution of swift fox and sympatric canid species in the Dakotas. Annual Conference of The Wildlife Society, Albuquerque, New Mexico.

Schwalm D, K Bly, N Schumaker, CW Epps. 2017. Developing a reintroduction strategy for swift fox in the Northern Great Plains. Annual Conference of The Wildlife Society, Albuquerque, New Mexico.

Bly KB, **D Schwalm**. 2017. Building a Long-term conservation Strategy for Swift Fox Populations in Montana. Annual Conference of the Native American Fish and Wildlife Society, Rapid City, South Dakota.

Mitchell EL*, TL Wilson, **D Schwalm**, J Jenks. 2017. Distribution and habitat selection of swift fox (*Vulpes velox*) in the Northern Great Plains. Annual Conference of the South Dakota Chapter of The Wildlife Society. Brookings, South Dakota.

Kerfoot B*, **D Schwalm**, K Bly. 2016. Undergraduate mentorship field experience: using camera trap surveys to determine swift fox distribution in the Northern Great Plains. Research Advances in Fisheries, Wildlife, and Ecology annual conference. Corvallis, Oregon.

Masseloux J*, CW Epps, M Wykstra, **D Schwalm**. 2016. Anthropogenic and environmental influences on landscape use by East African carnivores. Research Advances in Fisheries, Wildlife, and Ecology annual conference. Corvallis, Oregon.

Schwalm D, CW Epps, TJ Rodhouse, WB Monahan, JA Castillo, C Ray, M Jeffress. 2016. Pikas in Peril? A multi-park climate change vulnerability assessment for the American pika. Fisheries and Wildlife Departmental Seminar Series, Oregon State University, Corvallis, OR.

Schwalm D, K Bly. 2015. Building a long-term restoration strategy for swift fox populations in Montana. Annual Conference of the Montana Chapter of the Society for Conservation Biology. Missoula, Montana.

Schwalm D. 2015. Using landscape genetics to identify priority grassland conservation areas for maintaining functional connectivity in the future: lessons from the swift fox. Annual Conference of The Wildlife Society, Winnipeg, Manitoba, Canada. **Symposium co-organizer: Conservation of a Great Plains Mesocarnivore – the Swift Fox: Past, Present and Future.**

Bly K, **D Schwalm.** 2015. Building a long-term connectivity strategy for swift fox populations in Montana: progress to date. Annual Conference of The Wildlife Society, Winnipeg, Manitoba, Canada. **Symposium co-organizer: Conservation of a Great Plains Mesocarnivore – the Swift Fox: Past, Present and Future.**

Epps CW, JA Castillo, TG Creech, RS Crowhurst, **D Schwalm.** 2015. Beyond resistance: applying landscape genetics to conservation and ecological problems. International Association of Landscape Ecologists conference, Portland, Oregon.

Castillo, J, **D Schwalm,** C Epps, W Monahan, and N Schumaker. 2015. An eco-evolutionary IBM improves predictions of future genetic connectivity for American pikas (*Ochotona princeps*) in Crater Lake National Park, Oregon. International Association of Landscape Ecologists conference, Portland, Oregon.

Schwalm, D, CW Epps, TJ Rodhouse, WB Monahan, JA Castillo and C Ray. 2015. Varying vulnerability of the American pika (*Ochotona princeps*) to climate change. Annual Conference of The Wildlife Society, Pittsburgh, Pennsylvania.

Schwalm, D, CW Epps, TJ Rodhouse, and JA Castillo. 2014. Varying vulnerability of the American pika to climate change. Oregon Chapter of The Wildlife Society, Bend, Oregon.

Schwalm, D, CW Epps and TJ Rodhouse. 2013. Location matters: geographical variation in predicted effects of climate change on site occupancy of American pikas (*Ochotona princeps*). Pacific Northwest Climate Science Conference, Portland, Oregon.

Schwalm, D, MA Murphy, SA Cushman and LP Waits. 2012. Identifying connectivity networks and corridors in a fragmented mesocarnivore population using a novel resistance surface. The Wildlife Society, Portland, Oregon.

Schwalm, D, MA Murphy, LP Waits and WB Ballard. 2012. Multiple factors influence gene flow in the Great Plains: the swift fox as a case study. Texas Chapter of The Wildlife Society, Fort Worth, Texas. **Awarded 2nd place, Clarence Cottam Graduate Student Competition.**

McRoberts, JT, JM Timmer, **DL Schwalm,** AW Ferguson, and WB Ballard. 2011. Publication analysis of presentations given at annual conferences of The Wildlife Society, 1994-2006. The Wildlife Society, Waikoloa, Hawaii.

Schwalm, D. 2011. Using landscape genetics to study habitat fragmentation in the Great Plains: the swift fox as a case study. University of Wyoming, Research Across Disciplines Seminar Series, Laramie, Wyoming. **Invited speaker.**

Schwalm, D, WB Ballard, LP Waits, NM McIntyre, P Gipson, J Young, and MA Cronin. 2011. Genetic implications for management of swift fox in Texas. American Society of Mammalogists, Portland, Oregon.

Schwalm, D, WB Ballard, and LP Waits. 2011. An assessment of genetic structure and diversity among swift fox populations in the United States. Texas Tech University Association of Biologists, Lubbock, Texas. **Awarded best presentation, Ecology section.**

Schwalm, D, WB Ballard, and LP Waits. 2010. An assessment of genetic structure and diversity among swift fox populations in the United States. American Society of Mammalogists, Laramie, Wyoming.

Schwalm, D., WB Ballard, and LP Waits. 2010. An assessment of genetic structure among swift fox populations in the United States. Southwestern Association of Naturalists, Junction, Texas.

Schwalm, D, LP Waits, and WB Ballard. 2008. Assessment of swift fox population genetic structure in the United States. Society for Conservation Biology, Chattanooga, Tennessee.

Schwalm, D, L Waits, and WB Ballard. 2008. Patterns of genetic structuring in the United States swift fox population: preliminary results. Swift Fox Conservation Team annual meeting, Fort Collins, Colorado.

Schwalm, D, HA Whitlaw, and WB Ballard. 2008. Current distribution of the swift fox in Texas. Swift Fox Conservation Team Annual Meeting, Fort Collins, Colorado.

Schwalm, D, WB Ballard, RJ Baker, EB Fish, and HA Whitlaw. 2007. Current distribution of the swift fox in Texas. The Wildlife Society, Tucson, Arizona.

Schwalm, D, WB Ballard, RJ Baker, EB Fish, and HA Whitlaw. 2007. Results from presence-absence surveys for swift fox indicate population decline. Texas Chapter of The Wildlife Society, Beaumont, Texas.

Schwalm, D, WB Ballard, and HA Whitlaw. 2006. Swift fox patch occupancy and genetic structuring patterns: Texas and beyond. Texas Chapter of The Wildlife Society, Corpus Christi, Texas.

Schwalm, D and R Bowman. 2003. Inbreeding depression or micronutrient limitation? Patterns of hatching failure in red-cockaded woodpeckers at Avon Park Air Force Range. Red-cockaded Woodpecker Symposium, Savannah, Georgia.

Schwalm, D and R Bowman. 2002. Red-cockaded woodpecker population demography, management, and translocation efforts at Avon Park Air Force Range. Red-cockaded woodpecker recovery team meeting, Tallahassee, Florida.

Schwalm, D and R Bowman. 2001. Factors influencing fledgling productivity in red-cockaded woodpeckers (*Picoides borealis*). Archbold Biological Station Symposium, Lake Placid, Florida.

TECHNICAL REPORTS AND BRIEFS

Rodhouse T, **D Schwalm**, CW Epps, JA Castillo. 2016. Pikas in Peril Project Summary Briefs (1 each for 8 National Parks Service units). Available online:

http://science.nature.nps.gov/im/units/ucbn/monitor/pikas_in_peril.cfm

Epps, CW, **D Schwalm**, TJ Rodhouse, JA Castillo, C Ray, and M Britten. 2013. Pikas in Peril: Multi-regional vulnerability assessment of a climate-sensitive sentinel species. Annual Accomplishment Report for 2013. 25 pages.

Epps, CW, **D Schwalm**, J Castillo, TJ Rodhouse, M Jeffress, and C Ray. 2013. Analysis of proposed rock quarrying and trail improvement impacts on American pikas in Grand Teton National Park. Natural Resource Technical Report NPS/UCBN/NRTR-2013/756. 24 pages.

Schwalm, D, HA Whitlaw, WB Ballard, and L Waits. 2009. Investigating genetic structure in swift fox populations. Pgs 37-45 in Swift Fox Conservation Team: Report for 2008. Isakson, P., editor. North Dakota Game and Fish Department, Bismarck, North Dakota.

Schwalm, D, WB Ballard, RJ Baker, EB Fish, and HA Whitlaw. 2007. Understanding the effect of habitat fragmentation on patterns of genetic diversity and patch occupancy in swift fox populations. Research Highlights 38:31-32. Department of Natural Resources Management, Texas Tech University.

Schwalm, D, HA Whitlaw, and WB Ballard. 2007. Swift fox distribution and genetic structuring patterns: Texas and beyond. Pgs 52-57 in Swift Fox Conservation Team: Report for 2005-2006. Dowd Stukel, E. and D. M. Fecske, editors. South Dakota Department of Game, Fish and Parks, Pierre, South Dakota and North Dakota Game and Fish Department, Bismarck, North Dakota.

Haralson, C, J Goldfarb, A Reza, **D Schwalm**, B Strobel, C Boal, and G Perry. 2006. Variation in soldier crab population density and size as a function of elevation and vegetation type. Research Highlights 37:18-19. Department of Natural Resources Management, Texas Tech University.

Schwalm, DL, WB Ballard, RJ Baker, EB Fish, and HA Whitlaw. 2006. Influence of habitat fragmentation on swift fox distribution and genetic diversity patterns. Research Highlights 37:23. Department of Natural Resources Management, Texas Tech University.

Bowman, R, ML Dent, and **D Schwalm**. 2003. Population Monitoring of the Red-cockaded Woodpecker (*Picoides borealis*) and the Florida Scrub-Jay (*Aphelocoma coerulescens*) at Avon Park Air Force Range. 2002 Annual Report. Cooperative Agreement DAMD 17-99-2-9032.

Bowman, R, ML Dent, and **D Schwalm**. 2002. Demography and habitat characteristics of the red-cockaded woodpecker (*Picoides borealis*) at the Avon Park Air Force Range. Final Report, 1999-2001. Cooperative Agreement DAMD 17-99-2-9032.

STUDENT MENTORSHIP

Graduate

- 2016 Co-chair. Emily Mitchell, MS student. Distribution, disease and conservation planning for swift fox (*Vulpes velox*) in the Northern Great Plains. South Dakota State University.
- 2016 Collaborator. Andrew Butler, MS student. Spatial and population ecology of swift foxes in the Northern Great Plains. Clemson University.
- 2017 Collaborator. Ashley Whipple, MS student. A stress test of range-loss predictions: do stress hormones correlate with predicted vulnerability to climate change for American pikas? University of Colorado Boulder.

Undergraduate

- 2017 Timothy Wertin (TTU): participated in camera survey and live trapping of swift fox in Texas for internship credit; supervised a team of three undergraduates for imagery review.
- 2017 Amanda Locke (TTU): reviewed images from a camera survey for swift fox in Texas.
- 2017 Charlotte Wilson (TTU): participated in camera survey set up, live trapping, and imagery review for a swift fox study in Texas.
- 2017 Candice Zuniga (TTU): participated in camera survey set up, live trapping, and imagery review for a swift fox study in Texas.
- 2017 Michael Siddell: participated in swift fox live capture, collaring and biological sample collection; assisted with sage grouse live capture and GPS receiver attachment; conducted camera-trap surveys for swift fox.
- 2017 Melissa Robell: reviewed images from a camera survey for swift fox in South Dakota.
- 2015-2017 Coltyn Kidd: reviewed images from a camera survey for swift fox in Montana and South Dakota; participated in swift fox live capture, collaring and biological sample collection; prepared proposal for independent study to test camera arrays for detecting rare carnivores (in progress).
- 2016 Meghan Davis: reviewed images from a camera survey for swift fox in Montana.
- 2016 Sydney Lisignoli: reviewed images from a camera survey for swift fox in Montana.
- 2016 Stephanie Schmidt: reviewed images from a camera survey for swift fox in Montana.

- 2015 Briana Kerfoot: conducted swift fox camera surveys and supervised a team of four undergraduates during imagery review; presented two posters.
- 2015 Julianna Masseloux: conducted independent research project in Kenya; prepared results for peer-reviewed publication.

High School

- 2009 Janesha Ramesh: learned laboratory techniques for DNA extraction and amplification

TEACHING EXPERIENCE AND TRAINING

Undergraduate

- 2017 Associate Level Credential (in progress); OSU Center for Integration of Research, Teaching and Learning (CIRTL)
- 2012 Instructor of Record, NRM 2302 (Ecology and Conservation of Natural Resources)
- 2012 *Preparing a classroom for difficult dialogues*; Teaching, Learning and Professional Development series, TTU
- 2012 *Active learning in the classroom*; Teaching, Learning and Professional Development series, TTU
- 2012 *Motivating students in entry level STEM disciplines with innovative and interactive activities*; Teaching, Learning and Professional Development series, TTU
- 2012 *Current trends in learning styles*; Teaching, Learning and Professional Development series, TTU
- 2012 *Teaching more by telling less: tips for teaching digital natives*; Teaching, Learning and Professional Development series, TTU
- 2012 *Fostering critical thinking*; Teaching, Learning and Professional Development series, TTU
- 2011 Teaching practicum, NRM 2302 (Ecology and Conservation of Natural Resources)
- 2007 Guest lecturer, NRM 2301 (Introduction to Wildlife) and NRM 2302 (Ecology and Conservation of Natural Resources)
- 2005 Guest lecturer, NRM 2301 (Introduction to Wildlife)
- 2001 Guest speaker, Ecology class. Adrian College, MI. Topic "Preparing for a career in wildlife research"

High School and Elementary School

- 2017 Guest speaker at high school science classes at Perryton Independent School District, TX. Topic: "The swift path to discovery: how studying a rare fox has led to a love of science and of place."
- 2014 Developer, Wildlife ID course for 3rd and 4th graders for 'Winter Wonderings' program
- 2003 Speaker at science classes at Midland High School and Murdo High School, SD. Topic: "Career options available for students interested in science"

FELLOWSHIPS, SCHOLARSHIPS AND AWARDS

- 2012 Clarence Cottam Graduate Student Presentation Competition, 2nd place, \$250
- 2011 Best presentation, Ecology section, TTUAB Research Symposium, \$200
- 2011 CH Fellowship, Department of Natural Resources Management, \$23,000
- 2011 Houston Safari Club Graduate Scholarship, \$4000
- 2010 CH Fellowship, Department of Natural Resources Management, \$23,000
- 2009 CH Fellowship, Department of Natural Resources Management, \$23,000
- 2008 CH Fellowship, Department of Natural Resources Management, \$23,000
- 2007 CH Fellowship, Department of Natural Resources Management, \$23,000
- 2006 CH Fellowship, Department of Natural Resources Management, \$23,000
- 2006 Houston Safari Club Graduate Scholarship, \$3000
- 2000 Departmental honors, Biology; senior award for scholastic achievement

SERVICE AND OUTREACH

- 2017 Reviewer, African Journal of Ecology
- 2017 Research Advances in Fisheries, Wildlife and Ecology student poster judge
- 2017 Oregon Alliance for Minority Participation student presentation judge
- 2016, 2017 Reviewer, Global Change Biology

2016 – present OSU Women in Science Faculty Advisor
 2016 – present OSU Search Advocate
 2016 – present OSU Fisheries and Wildlife Department Diversity Committee Member
 2016 – present OSU Fisheries and Wildlife Department Graduate Committee Member
 2016 Reviewer, Wildlife Society Bulletin
 2016 OSU Fisheries and Wildlife Department Seminar Committee Member
 2015 Symposium organizer, annual conference of The Wildlife Society in Winnipeg, Canada
 2014 – 2015 OSU Fisheries and Wildlife Dept Scholarship and Endowment Committee member
 2014 Panelist, OSU Student Success Workshop Series: “Fundamentals of Peer Review”
 2013 – present Swift Fox Conservation Team Research Coordinator
 2013 The Wildlife Society Molecular Ecology Working Group
 2011 Guest speaker at the Texas Tech student chapter of Conservation Biology
 2008 Kirschner lectureship speaker host for Dr. Helen Wagner
 2005 – 2006 South Plains Student Science Fair for high school students, poster judge

SPECIALIZED EDUCATION AND TRAINING

2017 OSU Situational leadership workshop
 2016 OSU Search Advocate Program training
 2016 OSU Social Justice Education Initiative workshop series
 2012 HexSim population modelling workshop
 2007 Conservation genetics for wildlife biologists and managers workshop
 2007 Wildlife anesthesia, capture and handling of African and North American species field course
 2006 Occupancy estimation and modeling workshop
 2006 Model selection and multi-model inference workshop

PROFESSIONAL AND HONORARY MEMBERSHIPS

2005-present The Wildlife Society
 2012-2015 Oregon State University Postdoctoral Association, Executive Board member
 2007-2012 TTU Association of Natural Resource Managers, past president and fundraiser
 1999 Beta Beta Beta Biological Honorary
 1999 Lambda Iota Tau Literary Honorary
 1998 Mortar Board