

Dr. Cary D. Chevalier
Missouri Western State University
BIO
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Professional Positions

Academic

Professor, Missouri Western State University. (August 2011 - Present).

Certified Trainer, Mapping GPS Systems for Business and Industry, MWSU Western Institute.
(May 2002 - Present).

Curator, Vertebrate Division, Missouri Western State University. (August 1996 - Present).

Associate Professor, Missouri Western State University. (August 2002 - May 2011).

Assistant Professor, Missouri Western State University. (August 1996 - May 2002).

Adjunct Professor of Biology, Maricopa County Community College. (August 1990 - August 1996).

Assistant Professor, Grand Canyon University. (August 1994 - July 1996).

Adjunct Professor of Biology, Grand Canyon University. (January 1994 - August 1994).

Assistant Curator, Univ. of Calif., Irvine. (November 1983 - May 1989).

Teaching Assistant/lecturer, Univ. of Calif., Irvine. (August 1983 - May 1989).

Graduate Teaching Assistant, AZ State Univ. (1980 - 1983).

Government

Heritage IIPAM Projects Corrdinator, AZ Game & Fish Department. (November 1992 - July 1994).

Biostatistician, AZ Game & Fish Department. (August 1989 - November 1992).

Military

Yeoman, US Navy. (July 1972 - 1976).

Operations Specialist, US Air Force. (July 1970 - 1972).

Professional

owner/operator, Aztec Biostatistical Consulting. (January 1990 - Present).

Owner/operator, Consultation for urban waterfowl management. (1982 - 1983).

Licensures and Certifications

Certified Hunter Education Chief Instructor, Missouri Department of Conservation. (July 10, 2013 - Present).

Certified Hunter Education Instructor, Missouri Department of Conservation. (July 10, 2013 - Present).

S130/S190 Wildland Fire Ecology and Behavior Certification Refresher, U.S. Department of Interior, Bureau of Indian Affairs. (March 2013 - Present).

Chemical Immobilization of Animals, Safe-Capture International, Inc. (March 13, 2012 - Present).

Chemical Immobilization of Animals, Safe-Capture International, Inc. (March 15, 2011 - Present).

D-110 Wildland Fire Resources Dispatcher Certification, U.S. Department of Interior, Bureau of Land Management. (February 21, 2010 - Present).

Certified Hunter Education Chief Instructor, Missouri Department of Conservation. (January 2010 - Present).

S130/S190 Wildland Fire Ecology and Behavior Certification, U.S. Department of Interior, Bureau of Indian Affairs. (February 2008 - Present).

Mapping GPS Certified Trainer, Trimble Navigation LTD. (November 1, 2000 - Present).

Certified Hunter Education Instructor, Missouri Department of Conservation. (October 1996 - Present).

Certified Wildlife Biologist, The Wildlife Society. (October 1991 - Present).

Professional Memberships

North Central Section of The Wildlife Society. (January 1, 2009 - Present).

Member, Professional Development Committee, Missouri State Chapter of The Wildlife Society. (October 1, 2008 - Present).

Missouri State Chapter of The Wildlife Society. (January 1, 1997 - Present).

Missouri Society of Conservation Biology. (October 1, 1996 - Present).

Society for Conservation Biology. (January 1, 1990 - Present).

Wildlife Disease Association. (January 1, 1985 - Present).

American Society of Mammalogists. (January 1, 1980 - Present).

The Wildlife Society. (January 1, 1980 - Present).

Tri Beta Biological Honors Society. (October 20, 1976 - Present).

Chair, Conservation Section, Senior Division, Missouri Academy of Science. (January 1, 2009 - December 31, 2009).

Chair, Membership Committee, Missouri Academy of Science. (January 1, 2009 - December 31, 2009).

Development Activities Attended

- Workshop, "Certified Trainer in Mapping GPS continuing education," Trimble Navigation, LTD. (2013).
- Conference Attendance, "International Conference of The Wildlife Society," The Wildlife Society, Millwaukee, Wisconsin. (October 5, 2013 - October 10, 2013).
- Workshop, "Wildland Fire behaviour and ecology; S-130, S-190, L-180, I-100, IS-700 Refresher Course," Bureau of Indian Affairs; National Wildfire Coordinating Group, Horton, Kansas. (February 27, 2013 - March 3, 2013).
- Workshop, "Certified Trainer in Mapping GPS continuing education," Trimble Navigation, LTD. (2012).
- Continuing Education Program, "Hunter Education Instructor Certification Refresher," Missouri Department of Conservation, St. Joseph, Missouri. (October 3, 2012).
- Workshop, "Deer Management," MO Dept. of Conservation, St. Joseph, MO. (September 8, 2012).
- Workshop, "Certified User in Chemical Immobilization of Animals Techniques.," Safe Capture International, Inc., St. Joseph, MO. (March 12, 2012 - March 13, 2012).
- Workshop, "Certified Trainer in Mapping GPS continuing education," Trimble Navigation, LTD. (2011).
- Workshop, "Certified User in Chemical Immobilization of Animals Techniques.," Safe Capture International, Inc., St. Joseph, MO. (March 14, 2011 - March 15, 2011).
- Workshop, "Certified Trainer in Mapping GPS continuing education," Trimble Navigation, LTD. (2010).
- Workshop, "Certified Hunter Education Instructor Continuing Education workshop on electronic registration," Missouri Department of Conservation, St. Joseph, Missouri. (December 15, 2010).
- Workshop, "CONCEP nontoxic shot performance training," Missouri Department of Conservation, St. Joseph, Missouri. (March 2010 - April 12, 2010).
- Workshop, "Wildland Fire Resource Dispatcher Certification Training," Bureau of Indian Affairs; Bureau of Land management; National Wildfire Coordinating Group. (February 21, 2010 - February 22, 2010).
- Comprehensive professional recertification examination, "Certified Trainer in Mapping GPS re-certification comprehensive exam," Trimble Navigation, LTD. (2009).
- Workshop, "Certified Trainer in Mapping GPS continuing education," Trimble Navigation, LTD. (2009).
- Workshop, "Wildland Fire behaviour and ecology; S-130, S-190, L-180, I-100, IS-700 Refresher Course," Bureau of Indian Affairs; National Wildfire Coordinating Group. (October 2009).
- Workshop, "Certified Trainer workshop on working with GPS Pathfinder Office Coordinate System Manager," Trimble Navigation, LTD. (August 19, 2009).

Workshop, "Certified Trainer workshop on working with Trimble Yuma Rugged Tablet Computer," Trimble Navigation, LTD. (June 24, 2009).

Workshop, "Certified Trainer workshop on Infrastructure for High Accuracy GIS, using NETR5 receiver and Nomad G series receivers.," Trimble Navigation, LTD. (April 5, 2009).

Seminar, "Litigation issues and higher education," Missouri Western State University Office of Risk Management. (March 31, 2009).

Workshop, "Certified Trainer workshop on TerraSync 3.3 and Juno SB/SC systems," Trimble Navigation, LTD. (March 5, 2009).

Conference Attendance, "MO Natural Resource Conference," MO Dept. of Conservation, Lake-of-the-Ozarks, Missouri. (February 4, 2009 - February 5, 2009).

Workshop, "Certified Trainer workshop on working with GPS Pathfinder Office and Terrasync systems," Trimble Navigation, LTD. (January 27, 2009).

Comprehensive professional recertification examination, "Certified Trainer in Mapping GPS re-certification comprehensive exam," Trimble Navigation, LTD. (2008).

Workshop, "Certified Trainer in Mapping GPS continuing education," Trimble Navigation, LTD. (2008).

Workshop, "Wildland Fire behaviour and ecology; S-130, S-190, L-180, I-100, IS-700," Bureau of Indian Affairs; National Wildfire Coordinating Group. (December 15, 2008 - December 19, 2008).

Self-Study Program, "IS-0700 National Incident Management System, an Introduction," Dept. of Homeland Security, Federal Emergency Mangement Agency. (January 2008).

Workshop, "Wildland Fire behaviour and ecology; S-130, S-190, L-180," Bureau of Indian Affairs; National Wildfire Coordinating Group. (January 19, 2008 - January 27, 2008).

Workshop, "Introduction to ArcGIS I: refresher workshop," Western Institute. (May 14, 2007 - May 15, 2007).

Workshop, "Advanced Analysis with ArcGIS," Evironmental Systems Research Institute (ESRI), Leawood, KS. (February 6, 2006 - February 8, 2006).

TEACHING

Teaching Experience

Missouri Western State University

- BIO 101, Principles Of Biology, 59 courses.
- BIO 115, Ecology and Evolution, 1 course.
- BIO 209, Intro to Wildlife Conservation, 6 courses.
- BIO 250, Anatomy And Physiology, 1 course.
- BIO 283, Intro to Res. Methods in Bio., 1 course.
- BIO 360, Development Of Wildlife Law, 3 courses.
- BIO 409, Principles Of Terr. Wildf. Mgt, 3 courses.
- BIO 418, Mammology, 8 courses.
- BIO 420, Biology Teaching Practicum, 4 courses.
- BIO 425, Biology Internship, 8 courses.

BIO 450, Independent Research/Project, 5 courses.
BIO 461, Renewable Resrces Polcy & Adm., 2 courses.
BIO 496, Nat. Res. Policy & Admin., 1 course.
CED 490, Intro To Gps For Mapping & Nav, 16 courses.

Non-Credit Instruction

Certification, MWSU Western Institute Professional Development, 10 participants. (January 8, 2014 - January 10, 2014).

Applied Learning Field Trip, Missouri Western State University and Aldo Leopold Foundation, 11 participants. (October 7, 2013).

Certification, Missouri Department of Conservation, 12 participants. (October 1, 2013).

Certification, Missouri Department of Conservation, 15 participants. (March 19, 2013).

Certification, MWSU Western Institute Professional Development, 9 participants. (March 13, 2013 - March 15, 2013).

Certification, MWSU Western Institute Professional Development, 10 participants. (January 9, 2013 - January 11, 2013).

Certification, Missouri Department of Conservation, 30 participants. (October 30, 2012).

Workshop, Missouri Department of Conservation and Student Chapter of The Wildlife Society, 30 participants. (October 29, 2012).

Certification, Missouri Department of Conservation, 15 participants. (October 23, 2012).

Certification, Missouri Department of Conservation, 20 participants. (October 16, 2012).

Certification, Missouri Department of Conservation, 40 participants. (September 11, 2012 - September 13, 2012).

Workshop, Missouri Department of Conservation, 10 participants. (June 23, 2012).

Certification, Missouri Department of Conservation, 30 participants. (April 17, 2012).

Certification, Missouri Department of Conservation, 30 participants. (March 6, 2012).

Workshop, Missouri Department of Conservation and Student Chapter of The Wildlife Society, 30 participants. (February 22, 2012).

Certification, MWSU Western Institute Professional Development, 11 participants. (January 11, 2012 - January 13, 2012).

Certification, Missouri Department of Conservation, 20 participants. (September 21, 2011).

Certification, Missouri Department of Conservation, 20 participants. (September 13, 2011 - September 15, 2011).

Workshop, Boy Scouts of America, 30 participants. (May 10, 2011).

Certification, Missouri Department of Conservation, 50 participants. (April 23, 2011).

Certification, Missouri Department of Conservation, 50 participants. (March 8, 2011).

Certification, MWSU Western Institute Professional Development, 12 participants. (January 12, 2011 - January 14, 2011).

Certification, Missouri Department of Conservation, 20 participants. (November 18, 2010).

Certification, Missouri Department of Conservation, 40 participants. (November 10, 2010).

Workshop, Missouri Department of Conservation and Student Chapter of The Wildlife Society, 28 participants. (November 3, 2010).

Certification, Missouri Department of Conservation, 30 participants. (October 20, 2010).

Certification, Missouri Department of Conservation, 15 participants. (October 13, 2010).

Certification, Missouri Department of Conservation, 15 participants. (September 21, 2010 - September 23, 2010).

Certification, Missouri Department of Conservation, 15 participants. (September 16, 2010).

Certification, MWSU Western Institute Professional Development, 10 participants. (May 19, 2010 - May 21, 2010).

Instructor for topic in Law Enforcement Academy, MWSU Law Enforcement Academy, 30 participants. (May 4, 2010).

Certification, Missouri Department of Conservation, 40 participants. (April 7, 2010).

Certification, Missouri Department of Conservation, 20 participants. (March 27, 2010).

Certification, Women in the Outdoors and Wild Turkey Federation, 12 participants. (March 27, 2010).

Workshop, Missouri Department of Conservation and Student Chapter of The Wildlife Society, 20 participants. (March 4, 2010).

Certification, Missouri Department of Conservation, 40 participants. (December 4, 2009).

Certification, Missouri Department of Conservation, 25 participants. (November 12, 2009).

Workshop, Missouri Department of Conservation and Student Chapter of The Wildlife Society, 30 participants. (November 4, 2009).

Certification, Missouri Department of Conservation, 20 participants. (October 14, 2009).

Workshop, Student Chapter of The Wildlife Society, 30 participants. (September 23, 2009).

Certification, Missouri Department of Conservation, 30 participants. (August 25, 2009 - August 27, 2009).

Certification, Missouri Department of Conservation, 25 participants. (August 25, 2009 - August 27, 2009).

Certification, 10 participants. (May 13, 2009 - May 15, 2009).

Certification, Women in the Outdoors and Wild Turkey Federation, 25 participants. (March 28, 2009).

Certification, 10 participants. (March 11, 2009 - March 13, 2009).

Certification, Missouri Department of Conservation, 25 participants. (March 12, 2009).

Workshop, Missouri Department of Conservation and Student Chapter of The Wildlife Society, 30 participants. (March 2, 2009).

Certification, Missouri Department of Conservation, 30 participants. (February 19, 2009).

Workshop, Student Chapter of TWS and Squaw Creek NWR, 15 participants. (2008).

Workshop, Women in the Outdoors Program, 25 participants. (2008).

Certification, MWSU Western Institute Professional Development, 10 participants. (August 2008).

Certification, MWSU Western Institute Professional Development, 10 participants. (May 2008).

Certification, MWSU Western Institute Professional Development, 10 participants. (March 2008).

Certification, MWSU Western Institute Professional Development, 10 participants. (January 2008).

Directed Student Learning

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - Present).

Advised: Anna Slawson

Applied Learning: Internships and Practica, "professional degree internship." (September 2013 - April 2014).

Advised: Bethany Thornton

Applied Learning: Internships and Practica, "professional degree internship." (August 2013 - December 2013).

Advised: Georja Kriebs

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - December 2013).

Advised: Erin Stith

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - December 2013).

Advised: Phillip Mueller

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - December 2013).

Advised: Slayton Margaret

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).

Advised: Aaron Petty

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Bradley Breit

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Cathi Gaume

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Coltin Ridenour

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Crystal Poole

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Dillon Howe

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Kyle Roberts

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Lauren Alkier

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Matt Gilstrom

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Mitch Bembrick

Applied Learning: Internships and Practica, "professional degree internship." (May 2013 - September 2013).
Advised: Olivea Mendenhall

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - May 2013).
Advised: Cooper Jacobs

Directed Individual/Independent Study, "A review of multiple use lands." (August 2012 - December 2012).
Advised: Allison Gienapp, Bethany Thornton

Directed Individual/Independent Study, "Wildlife Law: Conservation Lands and Waters." (August 2012 - December 2012).
Advised: Bradley Breit, Tyler Lee, Dillon Howe

Directed Individual/Independent Study, "Marine mammal protection acts." (August 2012 - December 2012).
Advised: Brittany Bremer, Cathi Gaume, Jami Kellam

Directed Individual/Independent Study, "Ocean fish conservation." (August 2012 - December 2012).
Advised: Brock Couch, Brandon Gudehus, Adam Burkart

Directed Individual/Independent Study, "International wildlife law." (August 2012 - December 2012).
Advised: Casey Long, Olivea Mendenhall

Directed Individual/Independent Study, "Federal law as it applies to endangered species." (August 2012 - December 2012).
Advised: Crkystal Daggett, Williams Virginia

Directed Individual/Independent Study, "Holly Hill Farm vs. US Dept. of Agriculture." (August 2012 - December 2012).
Advised: Don O'Keefe, Derek Payne, Joe Streett

Directed Individual/Independent Study, "Native americans and wildlife." (August 2012 - December 2012).
Advised: Jon Unruh, Dalton Reeves, Phil Mueller

Directed Individual/Independent Study, "Regulating commerce in wildlife." (August 2012 - December 2012).
Advised: Scott Schlessler, Heather McMillian

Directed Individual/Independent Study, "Migratory Birds." (August 2012 - December 2012).
Advised: Tanner Walker, Benjamin Olsen, Chris Herrod

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - September 2012).
Advised: Amy North

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - September 2012).
Advised: Heather McMillian

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - September 2012).
Advised: Jacob Haley

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - September 2012).
Advised: Jake Graham

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - September 2012).
Advised: Jeremiah Jago

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - September 2012).
Advised: Wyatt Jackson

Applied Learning: Internships and Practica, "professional degree internship." (May 2012 - September 2012).
Advised: Zachary Davis

Applied Learning: Internships and Practica, "professional degree internship." (May 1, 2012 - September 1, 2012).
Advised: Benjamin Olsen

Directed Individual/Independent Study, "History, management status, range and challenges to the mountain lion (*Felis concolor*)." (January 2012 - May 2012).
Advised: Ben Schumacher, Kevin Montemayor

Directed Individual/Independent Study, "Snow geese conservation: The challenges of managing an overabundant population.." (January 2012 - May 2012).
Advised: Brandon Gudehus, Jeremiah Jago

Directed Individual/Independent Study, "Natural history and management of whitetailed deer in Missouri.." (January 2012 - May 2012).
Advised: Derek Payne, Jake Haley

Directed Individual/Independent Study, "Conservation of the white rhino (*Cerathurium simum*) in Africa.." (January 2012 - May 2012).
Advised: Georja Kriebs, Allison Gienapp, Jeremy Sayre

Directed Individual/Independent Study, "Mole salamander habitat selection, diet, and morphology.." (January 2012 - May 2012).
Advised: Jacob Decker, Jacob Burton

Directed Individual/Independent Study, "Natural history and management of coyotes in N. America.." (January 2012 - May 2012).
Advised: Jake Graham, Cooper Jacobs

Directed Individual/Independent Study, "African wild dogs." (January 2012 - May 2012).
Advised: Ryan Persinger, Anna Slawson

Directed Individual/Independent Study, "Black bears in Missouri." (January 2012 - May 2012).
Advised: Zachary Davis

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Allison Gienapp

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Derek Payne

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Don O'Keefe

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Jacob Burton

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Jake Haley

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Jeremiah Jago

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Lisa Montgomery

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Mickey Sigmon

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Misha Mazurkewycz

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Ryan Persinger

Applied Learning: Internships and Practica, "professional degree internship." (May 2011 - September 2011).
Advised: Samantha Hunt-Viehland

Applied Learning: Internships and Practica, "professional degree internship." (May 2009 - December 2009).
Advised: Ashley Ziegler

Applied Learning: Internships and Practica, "professional degree internship." (May 2009 - December 2009).
Advised: Ben Limle

Applied Learning: Internships and Practica, "Professional degree interhship." (May 2009 - December 2009).
Advised: Kaitlan Allison

Applied Learning: Internships and Practica, "Professional degree internship." (May 2009 - December 2009).
Advised: Kirby Asher

Applied Learning: Internships and Practica, "professional degree internship." (May 2009 - December 2009).
Advised: Richard Dirnbeck

Applied Learning: Internships and Practica, "professional degree internship." (May 2009 - December 2009).
Advised: Spencer Lynch

Applied Learning: Directed Student Research, "Habitat Selection by Bobwhite Quail." (October 2008 - December 2009).
Advised: Rich Cook

Applied Learning: Internships and Practica, "professional degree Internship." (October 2008 - December 2009).
Advised: Rich Cook

Awards and Honors

Jesse Lee Myers Excellence in Teaching, Missouri Western State University. (May 1, 2012).

RESEARCH

Published Intellectual Contributions

Books

Rushin, J., Ashley, D., Baker, J., Chevalier, C., Daggett, M., Eckdahl, T., Hartman, K., Koy, K., Mills, M., Sample, V. R., Walton, K. (2011). In John W. Rushin (Ed.), *Biology 101 Principles of Biology Laboratory Manual: A Learning Cycle Approach* (2nd ed. ed., pp. 226). Plymouth, MI: Hayden McNeil. www.hmpublishing.com

Rushin, J., Ashley, D., Baker, J., Chevalier, C., Daggett, M., Eckdahl, T., Hartman, K., Koy, K., Mills, M., Sample, V. R., Walton, K. (2010). In John W. Rushin (Ed.), *Biology 101 Principles of Biology Laboratory Manual: A Learning Cycle Approach* (pp. 144). Plymouth, MI: Hayden McNeil. www.hmpublishing.com

Book Chapters

Chevalier, C. (2005). In Victor Sanchez-Cordero and Rodrigo A. Medellin (Ed.), *Water economy of free-living and captive ringtails, Bassariscus astutus (Carnivora: Procyonidae), in the Sonoran Desert*. (vol. Chapter 11, pp. 113-130). Mexico City, Mexico: National Autonomous University of Mexico (UNAM).

Refereed Journal Articles

Chevalier, C., Chevalier, C. (in press). Use of offsetting as a field technique in mapping GPS systems by wildlife professionals. *To appear in Wildlife Professional*.

Chevalier, C., Ashley, D., Rushin, J. (2010). Aquisition and Retention of Quantitative Communication Skills in an Undergraduate Biology Curriculum: Long Term Retention Results. *Journal of College science Teaching, National Association of Science Teachers*, 39(5), 64-70.

Presentations Given

Chevalier, C. (Presenter & Author), Meeting of the Master Naturalists, "Aspects of modern conservation biology and the impacts of Aldo Leopold on naturalist outreach and education.," Missouri Department of Conservation, St. Joseph, MO. (October 1, 2013).

Kriebs, G. (Presenter & Author), Gaume, C. (Presenter Only), Reeves, D. (Presenter Only), Unruh, J. (Presenter Only), Chevalier, C. (Presenter & Author), 62nd International Conference of the Wildlife Disease Association, "Blood serum chemistry and hematology in field-fresh raccoons (*Procyon lotor*) in Northwest Missouri during Summer 2012," Wildlife Disease Association, Knoxville, TN. (August 1, 2013).

Ashley, D. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning components (ALCs) of a collaboration focused on zoonoses and wildlife diseases as partnered among MWSU and state and federal government agencies.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).

- Gienapp, A. (Presenter & Author), Thornton, B. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: A review of multiple use lands wildlife law.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Olsen, B. (Presenter & Author), Walker, T. (Presenter & Author), Herrod, C. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: An overview of federal migratory bird law.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Breit, B. (Presenter & Author), Howe, D. (Presenter & Author), Lee, T. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: Conservation lands and waters - The National Wildlife Refuge System and wildlife law.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Daggett, C. (Presenter & Author), Williams, V. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: Federal law as it applies to endangered species.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Couch, B. (Presenter & Author), Burkart, A. (Presenter & Author), Gudehus, B. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: Federal Wildlife Law and Ocean Fish," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- O'Keefe, D. (Presenter & Author), Payne, D. (Presenter & Author), Streett, J. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: Holly Hill Farm Corporation vs. US Department of Agriculture.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Long, C. (Presenter & Author), Mendenhall, O. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: International wildlife law.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Bremmer, B. (Presenter & Author), Kellam, J. (Presenter & Author), Gaume, C. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: Marine mammal law.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Mueller, P. (Presenter & Author), Reeves, D. (Presenter & Author), Unruh, J. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: Native Americans and wildlife law.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Schlesser, S. (Presenter & Author), McMillian, H. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Applied Learning in Natural Resource Law: Regulating commerce in wildlife.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Graham, J. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Blood serum chemistry and hematology in field-fresh mourning doves in NW Missouri.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).

- Gaume, C. (Presenter & Author), Kriebs, G. (Presenter & Author), Reeves, D. (Presenter & Author), Unruh, J. (Presenter & Author), Chevalier, C. (Presenter & Author), 8th Annual Conference on Applied Learning in Higher Education, "Summer den site selection by female raccoons in an urban habitat: Undergraduate research as Applied Experiential Learning.," Missouri Western State University, MWSU - St. Joseph, MO. (March 23, 2013).
- Chevalier, C., Master Naturalist Meeting, "ASPECTS OF THE NATURAL HISTORY AND MANAGEMENT OF RACCOONS IN NW MISSOURI," MO Dept. of Conservation Master Naturalists, Remington Nature Center, St. Joseph, MO. (March 5, 2013).
- Kriebs, G., Gaume, C., Reeves, D., Unruh, J., Chevalier, C. (Presenter & Author), MO Natural Resource Conference, "BLOOD SERUM CHEMISTRY AND HEMATOLOGY IN FIELD-FRESH RACCOONS (Procyon lotor) IN NORTHWEST MISSOURI DURING SUMMERS 2012," MO Natural Resource Conference, Lake of the Ozarks, MO. (January 30, 2013).
- Gaume, C., Kriebs, G., Reeves, D., Unruh, J., Chevalier, C. (Presenter & Author), MO Natural Resource Conference, "DEN SITE SELECTION BY FEMALE RACCOONS (Procyon lotor) IN AN URBAN HABITAT," MO Natural Resource Conference, Lake of the Ozarks, MO. (January 30, 2013).
- Chevalier, C. (Presenter & Author), Careers in Law Enforcement, "Law Enforcement Careers in Natural Resource Conservation," Dept. of Criminal Justice, MWSU, MWSU, St. Joseph, MO. (October 24, 2012).
- Graham, J., Chevalier, C. (Presenter & Author), PORTAL, "BLOOD SERUM CHEMISTRY AND HEMATOLOGY IN FIELD-FRESH Mourning doves (Zenaida macroura) IN NORTHWEST MISSOURI DURING SUMMER 2012: A preliminary study," MO Western State University, St. Joseph, MO. (September 20, 2012).
- Kriebs, G., Gaume, C., Reeves, D., Unruh, J., Reinhardt, J., Chevalier, C. (Presenter & Author), PORTAL, "BLOOD SERUM CHEMISTRY AND HEMATOLOGY IN FIELD-FRESH RACCOONS (Procyon lotor) IN NORTHWEST MISSOURI DURING SUMMERS 2012," MO Western State University, St. Joseph, MO. (September 20, 2012).
- Gaume, C., Kriebs, G., Reeves, D., Unruh, J., Reinhardt, J., Chevalier, C. (Presenter & Author), PORTAL, "DEN SITE SELECTION BY FEMALE RACCOONS (Procyon lotor) IN AN URBAN HABITAT," MO Western State University, St. Joseph, MO. (September 20, 2012).
- Chevalier, C. (Presenter & Author), Rock Port Welcome Center Dedication, "Development of signage on history of energy in MO," MO Department of Conservation, Rock Port Welcome Center, I29, MO. (June 27, 2012).
- Chevalier, C. (Presenter & Author), 1st Annual Environmental Education Expo, "Raccoons and Opossums: How to enjoy them and live with them at the same time!," Missouri Department of Conservation, Missouri Western State University. (June 23, 2012).
- Rachow, T. (Presenter & Author), Ashley, D. (Author Only), Chevalier, C. (Author Only), 2012 Human Anatomy & Physiology Society Conference, "Can success on a chemistry/cell biology review exam predict success in a human anatomy & physiology course? An Update," HAPS, Tulsa, Oklahoma. (May 27, 2012).
- Chevalier, C. (Presenter & Author), Hunt-Viehland, S., Montgomery, L., Sigmon, M., Slawson, A., Petty, A., 48 Annual Meeting of the Missouri Academy of Sciences, "SUMMER DEN SITE

- SELECTION BY FEMALE RACCOONS (*Procyon lotor*) IN AN URBAN HABITAT," Missouri Academy of Sciences, University of Missouri, Columbia, MO. (April 14, 2012).
- Chevalier, C. (Presenter & Author), 7th Annual Conference on Applied Learning in Higher Education, "Building and maintaining excellence in student organizations: The MWSU Student Chapter of The Wildlife Society," Missouri Western State University, St. Joseph, MO. (March 23, 2012).
- Jenkins, K., Chevalier, C. (Presenter & Author), Orlowski, J., Ritter, M., 7th Annual Conference on Applied Learning in Higher Education, "Making biology accessible to students with vision impairments: The MWSU Applied Learning model.," Missouri Western State University, St. Joseph, MO. (March 23, 2012).
- Hunt-Viehlend, S. (Presenter & Author), Montgomery, L. (Presenter & Author), Sigmon, M. (Presenter Only), Slawson, A. (Presenter Only), Petty, A., Mazurkewycz, M. (Presenter & Author), Chevalier, C. (Presenter & Author), MWSU PORTAL Program, "BLOOD SERUM CHEMISTRY AND HEMATOLOGY IN FIELD-FRESH RACCOONS (*Procyon lotor*) IN NORTHWEST MISSOURI DURING SUMMER," Missouri Western State University. (December 2011).
- Hunt-Viehlend, S. (Presenter & Author), Montgomery, L. (Presenter & Author), Sigmon, M. (Presenter Only), Slawson, A. (Presenter Only), Petty, A., Chevalier, C. (Presenter & Author), MWSU Summer Research Institute, "DEN SITE SELECTION BY FEMALE RACCOONS (*Procyon lotor*) IN AN URBAN HABITAT," Missouri Western State University. (December 2011).
- Hunt-Viehlend, S., Mazurkewycz, M., Chevalier, C., Joint Annual meeting of the American Society of Mammalogists and Australian Mammal Society, "Blood serum chemistry and hematology in field-fresh raccoons (*Procyon lotor*) in Northwest Missouri during summer.," American Society of Mammalogists and Australian Mammal Society, Portland State University, Portland OR, USA. (June 26, 2011).
- Chevalier, C. (Presenter & Author), TWS Student Chapter of the Year Reception and Banquet, "MWSU WILDLIFE CONSERVATION AND MANAGEMENT PROGRAM AND STUDENT CHAPTER OF THE WILDLIFE SOCIETY: FORGING TOMORROW'S DEFENDERS OF MISSOURI'S BIODIVERSITY," MWSU Student Chapter of TWS, St. Joseph, Missouri. (May 4, 2011).
- Rachow, T., Ashley, D., Chevalier, C., 47 Annual Meeting of the Missouri Academy of Sciences, "Can success on a chemistry/cell biology review exam predict success in a human anatomy & physiology course?," Missouri Academy of Sciences, Lincoln University, Jefferson City, MO. (April 16, 2011).
- Chevalier, C., 47 Annual Meeting of the Missouri Academy of Sciences, "MWSU Wildlife Conservation and Management Program and Student Chapter of The Wildlife Society: The forging of tomorrow's defenders of Missouri's biological diversity.," Missouri Academy of Sciences, Lincoln University, Jefferson City, MO. (April 16, 2011).
- Chevalier, C., Hrabik, R. A., Yatskievych, G., 47 Annual Meeting of the Missouri Academy of Sciences, "Summary and Closing remarks; Symposium on the challenges of managing Missouri's biodiversity.," Missouri Academy of Sciences, Lincoln University, Jefferson City, MO. (April 16, 2011).
- Chevalier, C., Rushin, J., Limle, B., Mazurkewycz, M., 47 Annual Meeting of the Missouri Academy of Sciences, "The MWSU Student Chapter of The Wildlife Society: A capstone

- Applied Learning vehicle for developing the next generation of conservation biologists.," Missouri Academy of Sciences, Lincoln University, Jefferson City, MO. (April 16, 2011).
- Chevalier, C., Hrabik, R. A., Yatskievych, G., 47 Annual Meeting of the Missouri Academy of Sciences, "Welcome address and opening remarks to the Symposium on the Challenges of managing Missouri's biodiversity.," Missouri Academy of Sciences, Lincoln University, Jefferson City, MO. (April 16, 2011).
- Raffensperger, M. (Presenter & Author), Chevalier, C. (Author Only), Combined Sections Meeting (CSM), "A Comparison Study of Goniometric Measurements Using a Standard Goniometer versus a Goniometer with a Vertical Level Bubble Reference," American Physical Therapy Association, New Orleans, LA. (February 2011).
- Rushin, J. (Presenter & Author), Chevalier, C. (Author Only), Ashley, D. (Author Only), Peacher, T. J. (Presenter & Author), Missouri Natural Resource Conference, "The Missouri Department of Conservation's Northwest Missouri Public Service Center on the Missouri Western State University Campus: A Partnership That Continues to Grow," Missouri Department of Conservation, Osage Beach, MO. (February 2011).
- Chevalier, C. (Presenter & Author), Rushin, J., Limle, B. (Presenter Only), Mazurkiewicz, M. (Presenter Only), 6th Annual Conference on Applied Learning in Higher Education, "How student professional development organizations can be developed as vehicles for Applied Learning experiences: The MWSU," Missouri Western State University, St. Joseph, MO. (February 25, 2011).
- Rushin, J. (Presenter & Author), Ashley, D. (Presenter & Author), Chevalier, C. (Presenter & Author), Peacher, T. J. (Author Only), 6th Annual Conference on Applied Learning in Higher Education, "The Northwest Missouri MDC Service Center on the Missouri Western State University campus: A partnership that continues to grow and prosper.," Missouri Western State University, St. Joseph, MO. (February 25, 2011).
- Hunt-Viehland, S. (Presenter & Author), Mazurkiewicz, M. (Presenter & Author), Jacobs, C. (Author Only), Lynch, S. (Author Only), Burton, J. (Author Only), Chevalier, C. (Presenter & Author), Undergraduate Summer Research Institute, "BLOOD SERUM CHEMISTRY AND HEMATOLOGY IN FIELD-FRESH RACCOONS (*Procyon lotor*) IN NORTHWEST MISSOURI," Missouri Western State University, Missouri Western State University. St. Joseph, MO. (December 7, 2010).
- Chevalier, C. (Presenter & Author), Outreach & Education Interpreters and Nature Center Naturalist Annual Conference, "MWSU Wildlife Conservation Mangement Program," Missouri Department of Conservation, St. Joseph, Missouri. (November 5, 2010).
- Rushin, J. (Presenter & Author), Chevalier, C. (Author Only), National Association of Biology Teachers Professional Development Conference, "Using the Experimental Design Ability Test (EDAT) and an Instructor-developed Questionnaire to Determine Some Effects of Using Two-Lab Learning Cycle Blocks (LCBs) in a General Biology Class for Non-Majors," National Association of Biology Teachers, Minneapolis, MN. (October 2010).
- Chevalier, C. (Presenter & Author), 2010 Natural Areas Conference, "NORTHERN BOBWHITE QUAIL (*COLINUS VIRGINIANUS*) RESPONSE TO HABITAT RESTORATION ON PRIVATE LANDS IN NW MISSOURI: IMPLICATIONS FOR MANAGEMENT APPLICATIONS ON NATURAL AREAS.," Natural Areas Association, Osage Beach, Missouri. (October 26, 2010).
- Chevalier, C. (Presenter & Author), 75 Anniversary of Squaw Creek National Wildlife Refuge, "Partnership between Squaw Creek NWR and the MWSU Wildlife Conservation and

Management Degree Program," US Fish and Wildlife Service, National Wildlife Refuge System, Mound City, Missouri. (October 16, 2010).

Rushin, J. (Presenter & Author), Ashley, D. (Author Only), Baker, J. (Author Only), Chevalier, C. (Author Only), Daggett, M. (Author Only), Eckdahl, T. (Author Only), Hartman, K. (Author Only), Koy, K. (Author Only), Mills, M. (Author Only), Walton, K. (Author Only), Missouri Academy of Science Annual Meeting, "Two Lab Learning Blocks in General Biology: Pros and Cons," Missouri Academy of Science, Missouri State University, Springfield, MO. (April 2010).

Chevalier, C. (Presenter & Author), 5th Annual Conference on Applied Learning in Higher Education., "Assessing habitat selection by bobwhite quail on private lands: An Applied Learning Cooperative Research Project involving Missouri Department of Conservation, Missouri Western State University, Quails Unlimited, and a Private Landowner.," Missouri Western State University, Missouri Western State University. St. Joseph, MO. (February 19, 2010).

Rushin, J. (Presenter & Author), Ashley, D. (Presenter Only), Chevalier, C. (Presenter Only), Baker, J. (Presenter Only), Daggett, M. (Presenter Only), Eckdahl, T. (Presenter Only), Hartman, K. (Presenter Only), Koy, K. (Presenter Only), Mills, M. (Presenter Only), Walton, K. (Presenter Only), 5th Annual Conference on Applied Learning in Higher Education., "Using two-week learning cycle blocks (LCBs) in General Studies Biology: Pros and cons.," Missouri Western State University, Missouri Western State University. St. Joseph, MO. (February 19, 2010).

Cook, R. V. (Presenter & Author), Chevalier, C. (Presenter & Author), Powelson, J. (Presenter Only), Reno, K. (Presenter Only), Jackson, W. W. (Presenter Only), MO. Natural Resource Conference, "Response to habitat restoration management by bobwhite quail (*Colinus virginianus*) on private lands in NW Missouri.," MO Department of Conservation, Lake-of-the-Ozarks, MO. (February 3, 2010).

Chevalier, C. (Discussant), Cook, R. (Discussant), Limle, B. (Discussant), Ausberger, T. (Discussant), Talk of St. Jo with Berry Birr, "Status of the Wildlife Conservation and Management Degree Program and the Student Chapter of The Wildlife Society at MWSU," AM Radio 680, St. Joseph, MO. (January 27, 2010).

Cook, R. (Presenter & Author), Powelson, J. (Presenter Only), Anderson, A. (Presenter Only), Redman, M. (Presenter Only), Jackson, W. (Presenter Only), Chevalier, C. (Presenter & Author), MWSU Biology Department Seminar Series, "SUMMER HABITAT SELECTION BY BOBWHITE QUAIL (*Colinus virginianus*) IN RESPONSE TO HABITAT RESTORATION ON PRIVATE LANDS," MWSU Biology Seminar, Savannah, Missouri. (October 2009).

Cook, R. (Presenter & Author), Anderson, A. (Presenter Only), Redman, M. (Presenter Only), Chevalier, C. (Presenter & Author), MWSU Interdisciplinary Research Day, "SUMMER HABITAT SELECTION BY BOBWHITE QUAIL (*Colinus virginianus*) IN RESPONSE TO HABITAT RESTORATION ON PRIVATE LANDS," Missouri Western State University. (October 2009).

Rushin, J. (Presenter & Author), Ashley, D. (Author Only), Baker, J. (Author Only), Chevalier, C. (Author Only), Daggett, M. (Author Only), Eckdahl, T. (Author Only), Hartman, K. (Author Only), Koy, K. (Author Only), Mills, M. (Author Only), Walton, K. (Author Only), National Association of Biology Teachers Professional Development Conference, "Two-Week Long Learning Cycle Blocks (LCBs) in General Studies Biology: Pros and Cons," National Association of Biology Teachers. (October 2009).

Rushin, J. (Presenter & Author), Ashley, D. (Author Only), Baker, J. (Author Only), Chevalier, C. (Author Only), Daggett, M. (Author Only), Eckdahl, T. (Author Only), Hartman, K. (Author Only), Koy, K. (Author Only), Mills, M. (Author Only), Walton, K. (Author Only), ACUBE 53rd Annual Meeting, Promoting Undergraduate Research, "Two-Week Long Learning Cycle Blocks (LCB's) in General Studies Biology: Pros and Cons," ACUBE, Rockhurst University, Kansas City, MO. (October 9, 2009).

Cook, R. (Presenter & Author), Powelson, J. (Presenter Only), Anderson, A. (Presenter Only), Redman, M. (Presenter Only), Jackson, W. (Presenter Only), Chevalier, C. (Presenter & Author), Annual Quail Habitat Field Conference, "Response to habitat restoration management by bobwhite quail (*Colinus virginianus*) on private lands in NW Missouri.," Quail Unlimited, Savannah, Missouri. (August 29, 2009).

Cook, R. (Presenter & Author), Anderson, A. (Presenter & Author), Redman, M. (Presenter & Author), Chevalier, C. (Presenter & Author), 2009 Summer Research Institute, "SUMMER HABITAT SELECTION BY BOBWHITE QUAIL (*Colinus virginianus*) IN RESPONSE TO HABITAT RESTORATION ON PRIVATE LANDS," Missouri Western State University, St. Joseph, Missouri. (July 24, 2009).

Rushin, J. (Presenter & Author), Chevalier, C. (Presenter & Author), Ashley, D. (Author Only), Baker, J. (Author Only), Daggett, M. (Author Only), Eckdahl, T. (Author Only), Hartman, K. (Author Only), Koy, K. (Author Only), Walton, K. (Author Only), Missouri Academy of Science Annual Meeting, "Assessing Science Process Skills in a First Year College General Biology for Non-majors Laboratory Setting: The Effect of Two-week Long Learning Cycle Blocks (LCBs) on the Development of Science Processes Skills," Missouri Academy of Science, Northwest Missouri State U., Maryville, MO. (April 2009).

Chevalier, C. (Presenter & Author), Bangerter, M. (Presenter Only), 4th Annual Conference on Applied Learning in Higher Education, "Applied learning partnership between students, faculty, and Professional emergency services providers. Developing geospatial database infrastructure for St. Joseph Fire Department as an applied learning experience for students.," Missouri Western State University, Missouri Western State University. St. Joseph, MO. (February 2009).

Rushin, J. (Presenter & Author), Chevalier, C. (Presenter & Author), 4th Annual Conference on Applied Learning in Higher Education., "Assessing Applied Learning skills in a first year college general Biology for non-majors laboratory setting: The effect of two-week long Learning Cycle Blocks (LCBs) on The development of science process skills.," Missouri Western State University, Missouri Western State University. St. Joseph, MO. (February 2009).

Rushin, J. (Presenter & Author), Chevalier, C., Daggett, M. (Presenter Only), Hartman, K., Ashley, D., Baker, J., Walton, K., Applied Learning in Higher Education, "Assessing Applied Learning Skills in a First Year College General Biology for Non-Majors Laboratory Setting: The Effects of Two-Week Long Learning Cycle Blocks (LCBs) on the Development of Science Process Skills," Missouri Western State University, St. Joseph, MO. (February 20, 2009).

Rushin, J. (Presenter & Author), Chevalier, C. (Author Only), National Association of Biology Teachers Professional Development Conference, "Assessing Applied Learning Skills in a First Year College General Biology for Non-majors Laboratory Setting: The Effect of Two-week Long Learning Cycle Blocks (LCBs) on the Development of Science Processes Skills," National Association of Biology Teachers, Memphis, TN. (October 2008).

Helstrom, S. R. (Presenter & Author), Chevalier, C. (Presenter & Author), 44 Annual Meeting of the Missouri Academy of Sciences, "Blood serum chemistry and hematology in field-fresh

opossums (*Didelphis virginiana*) in northwest Missouri.," Missouri Academy of Sciences, MO Southern State University, Joplin, MO. (April 2008).

Chevalier, C. (Presenter & Author), 44 annual meeting of the Missouri Academy of Sciences, "Raccoon natural history, economic importance, and summer resting site selection: Preliminary results of male summer den selection.," Missouri Academy of Sciences, MO Southern State University, Joplin, MO. (April 2008).

Chevalier, C. (Presenter & Author), Ashley, D. (Presenter Only), Rushin, J. (Presenter Only), Boutwell, R. (Presenter Only), 3rd Annual Conference on applied Learning, "Applied Learning experiences through skill set development workshops managed through student organizations: the MWSU Student Chapter of The Wildlife Society model.," Missouri Western State University, Missouri Western State University, St. Joseph, MO. (February 2008).

Chevalier, C. (Presenter & Author), Rushin, J. (Presenter & Author), Boutwell, R. (Presenter Only), 3rd Annual Conference on Applied Learning, "Measuring biodiversity using vegetation maps and field transects: an Applied Learning approach to Non-majors biology learning.," Missouri Western State University, Missouri Western State University. (February 2008).

Chevalier, C. (Presenter & Author), 3rd annual conference on Applied Learning., "Raccoon summer den site selection in urban male raccoons: an Applied Learning experience through MWSU Summer Research Institute.," Missouri Western State University, Missouri Western State University, St. Joseph, MO. (February 2008).

Hellstrom, S. R. (Presenter & Author), Chevalier, C. (Presenter & Author), MO. Natural Resource Conference, "Den site selection by male raccoons (*Procyon lotor*) in an urban habitat.," MO Department of Conservation, Lake-of-the-Ozarks, MO. (February 2008).

Media Contributions

Newspaper

St. Joseph News Press. (September 14, 2013).

St. Joseph News Press. (January 21, 2012).

St. Joseph News Press. (May 7, 2011).

St. Joseph News Press. (November 7, 2010).

St. Joseph News Press. (October 8, 2010).

St. Joseph News Press. (January 27, 2010).

Radio

Talk of St. Jo with Barry Birr. (February 22, 2012).

Talk of St. Jo with Barry Birr. (January 27, 2010).

TV

KQ 2 St. Joseph News. (October 10, 2011).

KQ 2 St. Joseph News. (October 9, 2011).

St. Joseph News Channel 3. (September 2011).

St. Joseph News Channel 3. (May 2, 2011).

KMBC Channel 9. (February 17, 2011).

KQTV, channel 2. (January 26, 2011).

Contracts, Grants and Sponsored Research

Grant

Chevalier, C. (Principal), "Cleanup of potential hazardous waste dump sites on Otoe Creek Watershed," Sponsored by American Water, Private, \$7,126.68. (May 1, 2011 - November 30, 2011).

Chevalier, C. (Principal), "Omnistar Satellite Service Corporate Educational Grant," Sponsored by Omnistar, Private, \$800.00. (January 1, 2009 - December 31, 2009).

Chevalier, C. (Principal), "Racal Landstar Satellite Service Corporate Educational Grant," Sponsored by Racal Landstar, Private, \$800.00. (January 1, 2009 - December 31, 2009).

Chevalier, C. (Principal), "Omnistar Satellite Service Corporate Educational Grant," Sponsored by Omnistar, Private, \$800.00. (January 1, 2008 - December 31, 2008).

Chevalier, C. (Principal), "Racal Landstar Satellite Service Corporate Educational Grant," Sponsored by Racal Landstar, Private, \$800.00. (January 1, 2008 - December 31, 2008).

Hartman, K. (Co-Principal), Chevalier, C. (Co-Principal), Ashley, D. (Principal), "Survey of populations and habitat potential for western fringed orchid, *Platanthera placlera*," Sponsored by Richard L. Rice & Crosby Guenzel, LLP, Private, \$1,183.00. (July 22, 2008).

Sponsored Research

Chevalier, C., "Habitat selection by bobwhite quail on managed private lands," Sponsored by MO Department of Conservation and Quail Unlimited, State, \$5,000.00. (July 1, 2009 - December 31, 2009).

Chevalier, C., "Habitat selection by bobwhite quail on managed private lands," Sponsored by MO Department of Conservation and Quail Unlimited, State, \$5,600.00. (October 1, 2008 - June 30, 2009).

Research in Progress

"Assessment and monitoring of environmental hazzard dumping sites on MWSU campus."
(On-Going)
This is an on-going Applied Learning project in partnership with MWSU office of Environmental Health and Safety and the Student Chapter of The Wildlife Society. the project is a long-term monitoring of the dynamics of illegal dumping on the campus of MWSU.

"Assessment of tree biodiversity in biology study area around Otoe Creek" (On-Going)
Development of quantitative assessment of tree biodiversty using GIS and biodiversity statistical software.

"Biology 101: A Learning Cycle Approach" (On-Going)

This is actually a lab program that I have been coordinating with excellent input and collaboration from the other members of the Bio 101 Principles of Biology teaching team. This innovative program is based on the constructivist philosophy and the learning cycle instructional model. In the spring of 2010, we published the first edition of a lab manual titled Principles of Biology: A Learning Cycle Approach through Hayden-McNeil Publishing Co. However, the development of our program is on-going and I anticipate that a new and improved second edition will be out in 2011. A manuscript about this project will be submitted to a journal such as the American Biology Teacher or the Journal of College Science Teaching in 2011.

"blood chemistry and hematology of urban field-fresh opossums under chemical restraint by ketamine-atropine-acepromazine cocktail." (On-Going)

Develop a database of normal blood chemistry and hematology values for wild opossums under chemical restraint using a ketamine-atropine-acepromazine drug cocktail.

"blood chemistry and hematology of urban field-fresh raccoons under chemical restraint by ketamine-atropine-acepromazine cocktail." (On-Going)

Develop a database of normal blood chemistry and hematology values for wild raccoons under chemical restraint using a ketamine-atropine-acepromazine drug cocktail.

"Development of GIS database and vegetation map of tree species in biology study area for undergraduate education." (On-Going)

This project develops a vegetation map of tree biodiversity using GPS and GIS to be used in various undergraduate courses to study biodiversity and veg. map sampling. Example courses: BIO 101, BIO 105, BIO 225

"geodatabase development of campus water reservoirs and related infrastructure." (On-Going)

Develop a GIS geodatabase of the campus reservoir systems including dams, overflow systems, max. reservoir capacities, depth contours.

"Habitat selection of bobwhite quail on managed private lands in NW Missouri."

"population dynamics and residency turnover in an urban population of opossums." (On-Going)

Study of the population dynamics and residency turnover of an urban population of opossums on MWSU campus and surrounding area.

"population dynamics and residency turnover in an urban population of raccoons." (On-Going)

Study of the population dynamics and residency turnover of an urban population of raccoons on MWSU campus and surrounding area.

"Seasonal den site selection by female raccoons in an urban environment" (On-Going)

This project is determining den site selection criteria for female raccoons in an urban setting on the campus of MWSU. This project will compare summer season dens to winter season dens

"Seasonal den site selection by male opossums in an urban environment" (On-Going)

This project is determining den site selection criteria for male opossums in an urban setting on the campus of MWSU. This project will compare summer season dens to winter season dens

"Seasonal den site selection by male raccoons in an urban environment" (On-Going)

This project is determining den site selection criteria for male raccoons in an urban setting on the campus of MWSU. This project will compare summer season dens to winter season dens

- "time course parameters and physiological responses to chemical restraint by a ketamine-atropine-acepromazine cocktail for urban field-fresh opossums." (On-Going)
Develop a standardized database of time course parameters and physiological responses by wild opossums to a ketamine-atropine-acepromazine restraint cocktail.
- "Tree survey grid in Biology Study area using GPS and GIS" (On-Going)
This project is the development of a survey and monitoring grid network of tree biodiversity in the biology study area.
- "Blood serum chemistry and hematology in field fresh Mourning doves (*Zenaida macroura*) under mechanical restraint." (On-Going)
Develop a database of normal blood chemistry and hematology values for wild free ranging mourning doves under mechanical restraint.
- "blood chemistry and hematology of urban field-fresh opossums under chemical restraint by 5:1 ratio Ketamine-Xylazine cocktail." (On-Going)
Develop a database of normal blood chemistry and hematology values for wild opossums under chemical restraint using a 5:1 ratio Ketamine-Xylazine cocktail.
- "blood chemistry and hematology of urban field-fresh raccoons under chemical restraint by a 5:1 Ketamine-Xylazine cocktail." (On-Going)
Develop a database of normal blood chemistry and hematology values for wild raccoons under chemical restraint using a 5:1 Ketamine-Xylazine cocktail.
- "blood chemistry and hematology of urban field-fresh turtles under physical restraint." (On-Going)
Develop a database of normal blood chemistry and hematology values for several species of turtles (snapping turtles, red-eared sliders, painted turtles).
- "time course parameters and physiological responses to chemical restraint by a 5:1 ketamine-Xylazine cocktail for urban field-fresh raccoons." (On-Going)
Develop a standardized database of time course parameters and physiological responses by wild raccoons to a 5:1 ketamine-Xylazine restraint cocktail.
- "time course parameters and physiological responses to chemical restraint by a 5:1 ketamine-Xylazine restraint cocktail for urban field-fresh opossums." (On-Going)
Develop a standardized database of time course parameters and physiological responses by wild opossums to a 5:1 ketamine-Xylazine restraint cocktail.

SERVICE

Department Service

- Committee Chair, Biology 101 Coordination Committee. (August 2013 - Present).
- Committee Member, Evolutionary Ecology Course Steering Committee. (January 2009 - Present).
- Internship Coordinator for the Wildlife Conservation and Management Degree Internship Program, Internship committee. (2009 - Present).
- Committee Chair, Department Taxidermy Preservation and Moving Committee. (September 2008 - Present).
- Committee Member, Department Curriculum Committee. (2008 - Present).

Faculty Advisor, Student Chapter of The Wildlife Society. (April 2002 - Present).

Committee Chair, Department Internship Committee for Wildlife Conservation and Management Degree Program. (1996 - Present).

Committee Member, PRinciples of Biology General Studies Course Steering Committee. (1996 - Present).

Committee Chair, Wildlife Conservation and Management Degree Program Steering Committee. (1996 - Present).

College Service

Faculty Advisor. (April 2002 - Present).

University Service

Committee Member, Institute Animal Care and Use Committee. (2009 - Present).

Committee Member, University Academic Computing Committee. (January 2009 - Present).

Committee Member, University Applied Learning Travel Grant Committee. (January 2008 - Present).

Committee Member, University Instructional Technology Committee. (January 2008 - Present).

Student Org Advisor (Professional Org), Student Chapter of The Wildlife Society. (April 2002 - Present).

Program Coordinator, Arizona Game and Fish Department's Summer Internship Program. (September 1996 - Present).

Professional Service

Committee Member, NW Missouri GIS Users Group. (June 2009 - Present).

Committee Chair, Missouri Academy of Science. (January 2009 - Present).

Committee Member, Missouri State Chapter of The Wildlife Society Professional Development Committee. (January 2009 - Present).

Editor, Associate Editor, Missouri Academy of Science Transactions. (January 2008 - Present).

Committee Member, Missouri Academy of Science. (January 2000 - Present).

Chair, Conservation Section, Missouri Academy of Science. (January 1998 - Present).

Program Organizer, Safe Capture International, St. Joseph, Missouri. (March 11, 2013 - March 12, 2013).

Workshop Organizer, Bureau of Indian Affairs, Bureau of Land Management, and Student Chapter of The Wildlife Society. (February 23, 2013 - March 3, 2013).

Program Organizer, Squaw Creek NWR and MWSU Student Chapter of The Wildlife Society Deer Population Monitoring Team. (November 2012).

Program Organizer, Swan Lake NWR and MWSU Student Chapter of The Wildlife Society Deer Population Monitoring Team. (November 2012).

Program Organizer, Safe Capture International, St. Joseph, Missouri. (March 12, 2012 - March 13, 2012).

Program Organizer, Missouri Academy of Science, Jefferson City, Missouri. (April 16, 2011).

Program Organizer, Safe Capture International, St. Joseph, Missouri. (March 14, 2011 - March 15, 2011).

Member, Missouri Department of Conservation, St. Joseph, Missouri. (June 23, 2010).

Workshop Organizer, Bureau of Indian Affairs, Bureau of Land Management, and Student Chapter of The Wildlife Society. (February 21, 2010 - February 22, 2010).

Program Organizer, MO Dept. of Conservation and MWSU Student Chapter of The Wildlife Society Deer Population Monitoring Team. (February 9, 2010).

Member, Squaw Creek NWR and MWSU Student Chapter of The Wildlife Society Deer Population Monitoring Team. (November 2009).

Program Organizer, MO Dept. of Conservation and MWSU Student Chapter of The Wildlife Society Deer Population Monitoring Team. (November 4, 2009).

Workshop Organizer, MO Dept. of Conservation and MWSU Student Chapter of The Wildlife Society Deer Population Monitoring Team. (November 4, 2009).

Workshop Organizer, Bureau of Indian Affairs and Student Chapter of The Wildlife Society. (October 2009).

Reviewer, Journal Article, Missouri Academy of Science Transactions. (March 2009).

Public Service

Science Fair Judge, MWSU and Missouri Junior Academy of Science. (March 2009 - Present).

Certified Hunter Education Instructor, Missouri Department of Conservation Hunter Education Instructor Program. (October 1996 - Present).

Member, Antler Measuring Day, St. Joseph, MO. (March 2013).

Program Organizer, Missouri Western State University, St. Joseph, Missouri. (February 2, 2013).

Workshop Organizer, Missouri Department of Conservation, St. Joseph, Missouri. (January 19, 2013).

Workshop Organizer, MWSU Biology, Chemistry, and CSMP Depts., St. Joseph, MO. (November 2012).

Program Organizer, Squaw Creek National Wildlife Refuge Family Day, Mound City, Missouri. (October 13, 2012).

Member, Antler Measuring Day, St. Joseph, MO. (March 2012).

Program Organizer, Squaw Creek National Wildlife Refuge Family Day, Mound City, Missouri. (October 15, 2011).

Workshop Organizer, Boy Scouts of America, St. Joseph, MO. (May 9, 2011).

Program Organizer, Squaw Creek National Wildlife Refuge Family Day, Mound City, Missouri. (October 2, 2010).

Workshop Organizer, National Wild Turkey Federation and Women in the Outdoors, St. Joseph, MO. (March 27, 2010).

Member, Antler Measuring Day, St. Joseph, MO. (March 7, 2010).

Workshop Organizer, National Wild Turkey Federation and Women in the Outdoors, St. Joseph, MO. (March 28, 2009).

volunteer organizer and participant, Antler Measuring Day, St. Joseph, MO. (March 7, 2009).

Consulting

Government, Bureau of Indian Affairs, Horton KS. (January 2008 - Present).

Government, MO department of Conservation, statewide. (2000 - Present).

Government, Squaw Creek National Wildlife Refuge, Northwest Missouri. (2000 - Present).

Government, St. Joseph, Missouri, Northwest Missouri. (2000 - Present).

Government, U. S. Forest Service, Mark Twain National Forest. (2000 - Present).

Academic, MWSU Law Enforcement Academy, MWSU Campus, Northwest Missouri. (April 2013).

Government, MO Department of Transportation, St. Joseph, MO. (March 2012 - May 2012).

Academic, MWSU Law Enforcement Academy, Northwest Missouri. (April 22, 2011).

Government, St. Joseph Police Department, Northwest Missouri. (April 22, 2011).

Awards and Honors

Service, Community

James J. Scanlon Award for Faculty Service to the Community, Missouri Western State University Western Foundation. (April 30, 2013).

Volunteer Achievement Award, Squaw Creek National Wildlife Refuge. (October 28, 2012).

Hunter Education Instructor Achievement Award, Missouri Department of Conservation. (January 21, 2012).

Hunter Education Instructor of the Year, Missouri Department of Conservation. (January 17, 2009).

Service, Professional

Outreach and Education Partnership Award, Missouri Department of Conservation. (February 17, 2012).

Private Lands Services Partnership Award, Missouri Department of Conservation. (May 4, 2011).

Service, University

MWSU Alumni Association Distinguished Faculty Award, Missouri Western State University Alumni Association. (October 11, 2013).

Distinguished Professor, Missouri Western State University. (April 2011).