

Dean Wiemers

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EDUCATION

Ph.D., Texas A&M University-Kingsville. August 2012. Wildlife Science. Dissertation Title: The Influences of Thermal Cover and Temperature on Habitat Selection and Activity of Male White-tailed Deer. Major Professor: Timothy Fulbright.

M.S., Texas A&M University-Kingsville. December 2007. Range and Wildlife Management. Thesis Title: Patterns of Exotic Plants Invasion, Management, and their Impacts on Pocket Gophers at Naval Air Station Corpus Christi and Outlying Properties in Nueces County, Texas. Major Professor: Timothy Fulbright.

B.S., Texas A&M University- College Station. December 2000. Animal Science.

COLLEGE TEACHING/EXPERIENCE

Introduction to Wildlife Management. 2018 - Present. Southwest Texas Junior College. Freshman and Sophomore Undergraduate Course.

Computers in Agriculture. 2018 - Present. Southwest Texas Junior College. Freshman and Sophomore Undergraduate Course.

Wildlife Conservation and Management. 2018 - Present. Southwest Texas Junior College. Freshman and Sophomore Undergraduate Course.

Introduction to Raster- Based Geographic Information Systems. 2018 - Present. Southwest Texas Junior College. Freshman and Sophomore Undergraduate Course.

Wildlife Identification. 2018 - Present. Southwest Texas Junior College. Assist Primary Instructor. Freshman and Sophomore Undergraduate Course.

Understanding Geographic Information Systems. 2019 $\frac{1}{2}$ Present. Southwest Texas Junior College. Freshman and Sophomore Undergraduate Course.

Range and Wildlife Ecology. 2019 $\frac{1}{2}$ Present. Southwest Texas Junior College. Freshman and Sophomore Undergraduate Course.

Practicum. 2019 $\frac{1}{2}$ Present. Southwest Texas Junior College. Freshman and Sophomore Undergraduate Course.

PREVIOUS EXPERIENCE

Principles of Wildlife Management and Lab. 2013 - 2016. Texas A&M University-San Antonio. Junior and Senior Undergraduate Course.

Instructor for Plant Identification Team. 2014 - 2016. Texas A&M University- San Antonio.

Ecology Lab. 2016. Texas A&M University-San Antonio. Junior and Senior Undergraduate Course.

Biology Seminar. 2012 - 2016. Texas A&M University-San Antonio. Junior and Senior Undergraduate Course.

Plant Taxonomy and Lab. 2014 - 2015. Texas A&M University-San Antonio. Junior and Senior Undergraduate Course.

Ecology and Lab. 2012. Texas A&M University-San Antonio. Junior and Senior Undergraduate Course.

Range Improvements. 2009. Texas A&M University- Kingsville. Junior and Senior Undergraduate Course.

HONORS AND AWARDS

- Marquis Whos Who in America. 2018. Features Americas most accomplished individuals.

- San Antonio Barshop Jewish Community Center. June 2017. Awarded the Weldon C. Place for Sports and Fitness Recreation as a result of community service by coaching children in 4 different sport activities.

- Texas A&M University- San Antonio. November 2015. Plant Identification Instructor. Team received 1st place overall in the Intercollegiate Plant Identification competition at the Texas Society for Ecological Restoration- San Antonio, TX.

- Texas A&M University- San Antonio. October 2015. Plant Identification Instructor. Team received 3rd place overall in the Intercollegiate Plant ID competition at the Texas Section Society for Range Management- Wichita Falls, TX.

- Texas A&M University- San Antonio. October 2015. Undergraduate Range Management Exam Instructor. Team received 3rd place overall in the Intercollegiate Undergraduate Range Management Exam at the Texas Section Society for Range Management- Wichita Falls, TX.

- Texas A&M University- San Antonio. February 2015. Plant Identification Instructor. Team received 3rd place overall and 1st place in their division at Texas Chapter of the Wildlife Society- Corpus Christi, TX.

- Texas A&M University- San Antonio. October 2014. Plant Identification Instructor. Team received 3rd place overall in the Intercollegiate Plant ID competition at the Texas Section Society for Range Management- Alpine, TX.

- Texas A&M University- San Antonio. October 2014. Undergraduate Range Management Exam Instructor. Team received 3rd place overall in the Intercollegiate Undergraduate Range Management Exam at the Texas Section Society for Range Management- Alpine, TX.

- Texas A&M University- San Antonio. February 2014. Plant Identification Instructor. Team received 1st place in their division at Texas Chapter of the Wildlife Society- Austin, TX.

- Texas A&M University- San Antonio. 2014. Nominated by the College of Arts and Sciences as a potential representative of the College of Arts and Sciences on the Provosts Adjunct Advisory Board.

- Texas Quail Coalition Scholarship: South Texas Chapter. 2012

- Texas Quail Coalition Scholarship: South Texas Chapter. 2011

- Houston Livestock Rodeo Scholarship. 2009-2011

- Houston Safari Club Scholarship: Cecil and Mary Lee Hopper Award. 2008-2009

- TAMU-Kingsville Presidential Scholar Scholarship. 2007-2009

- Houston Safari Club Scholarship. 2007-2008

- The National Deans List. 2006-2007

- The Chancellors List. 2005-2006

PUBLICATIONS

Wiemers, D.W., T.F. Fulbright, D.B. Wester, J.A. Ortega-S., G.A. Rasmussen, D.G. Hewitt, and M.W. Hellickson. 2014. Role of thermal environment in habitat selection by male white-tailed deer during summer in Texas, USA. *Wildlife Biology* 20: 47-56.

Cortez, J.D., S.E. Henke, D.W. Wiemers, T.E. Fulbright, D.B. Wester, and R. Riddle. 2015. Distribution and habitat selection by the Maritime Pocket Gopher. *Southeastern Naturalist* 14: 41-56.

Wiemers, D.W., T.F. Fulbright, D.B. Wester, J.A. Ortega-S., G.A. Rasmussen, D.G. Hewitt, and M.W. Hellickson. Finalizing for manuscript review. The influence of temperature on white-tailed deer activity in a subtropical environment.

Wiemers, D.W., E.D. Grahmann, and R. Gage. In progress. Food preferences of scaled quail in west Texas.

Wiemers, D.W. and J.R. Valdez-Barillas. Estimating feral hog populations and their pedagogical impacts on TAMU-SA main campus property by using remote sensing cameras. 2012-2016. Data used in undergraduate poster presentations.

Wiemers, D.W. Estimating plant biodiversity on Texas A&M- SA property. 2015-2016. Data used in undergraduate poster presentations.

PRESENTATIONS

- 2nd Annual TAMU-SA Student Research Symposium. April 2016. San Antonio, TX. Co-author on poster. Bobwhite Quail Population Dynamics and Habitat

Selection on A&M-San Antonio Campus.

- 2nd Annual TAMU-SA Student Research Symposium. April 2016. San Antonio, TX. Co-author on poster. Assessing plant biodiversity changes on Texas

A&M- SA property.

- 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. February 2016. San Antonio, TX. Poster presentation entitled: Wildlife diversity and feral hog populations in southern Bexar County.

- 20th Annual Meeting of the Texas Society for Ecological Restoration. November 2015. San Antonio, TX. Co-author on poster. Vegetation surveys corroborate the state and transition model of three ecological sites at peri-urban abandoned cropland in south Bexar County Texas.

- 66th Annual Meeting of the Texas Section Society of Range Management. October 2015. Wichita Falls, TX. Presentation entitled: Wildlife diversity and feral hog populations in southern Bexar County.

- Alamo Area College Research Scholar Symposium. August 2015. San Antonio, TX. Co-author on poster. Habitat preference by wildlife in a peri-urban ecosystem of south Bexar County Texas.

- 1st Annual TAMU-SA Student Research Symposium. April 2015. San Antonio, TX. Co-author on poster. Estimating plant biodiversity on Texas A&M-SA

property. Selected for city wide representation of TAMU-SA at Destination College Event.

- 65th Annual Meeting of the Texas Section Society of Range Management. October 2014. Alpine, TX. Presentation entitled: Thermal environment is important in habitat selection by male white-tailed deer during summer.

- 2nd Annual Regional Javelina Research Symposium. April 2013. Kingsville, TX. Co-author on poster. Feral hog population densities and predicted 5 year growth on Texas A&M University- San Antonio Main Campus. Honorable mention in undergraduate competition.

- 48th Annual Meeting of the Texas Chapter of the Wildlife Society. February 2012. Fort Worth, TX. Clarence Cottam Award Competition presentation entitled: The influence of temperature on white-tailed deer activity in a subtropical environment.

- 96th Annual Meeting of the Ecological Society of America. August 2011. Austin, TX. Poster presentation entitled: Influence of thermal cover on habitat selection by male white-tailed deer.

- 63rd Annual Meeting Annual for the Society of Range Management. February 2010. Denver, CO. Presentation entitled: Habitat selection by white-tailed deer in relation to operative temperature.

- Texas Deer Study Group Meeting. September 2010. Kingsville, TX. Poster presentations: Relationships among white-tailed deer thermal environment measurements and Accuracy of axis activity in Lotek 3300L GPS collars to determine deer activity characteristics.

- 45th Annual Meeting of the Texas Chapter of the Wildlife Society. February 2009. Lubbock, TX. Presentation entitled: Characteristics of activity thresholds in white-tailed deer.

- 45th Annual Meeting of the Texas Chapter of the Wildlife Society. February 2009. Lubbock, TX. Co-author on poster. Presentation entitled: Accuracy of axis activity in Lotek 3300L GPS Collars to determine deer activity characteristics.

- 45th Annual Meeting of the Texas Chapter of the Wildlife Society. February 2009. Lubbock, TX. Co-author on poster. Presentation entitled: Relationships among white-tailed deer thermal environment measurements. 2nd place in undergraduate competition.

- 32nd Annual Meeting of the Southeast Deer Study Group. February 2009. Roanoke, VA. Presentation entitled: Characteristics that determine activity thresholds in white-tailed deer.

- 63rd Annual Meeting Annual for the Society of Range Management. February 2009. Albuquerque, NM. Presentation entitled: Patterns of guineagrass invasion.

- 43th Annual Meeting of the Texas Chapter of the Wildlife Society. February 2007. Beaumont, TX. Presentation entitled: Micro-habitat selection by the maritime pocket gopher.

RESEARCH EXPERIENCE

SWTJC & Natural Resources Institute. Uvalde, TX

- Food preference (Seed and plant utilization) in scaled quail crops in West Texas 2014-present

Texas A&M University- San Antonio San Antonio, TX

- Estimated feral hog populations using remote sensing cameras 2012-2013

Texas A&M University-Kingsville Kingsville, TX

M.S. and Doctoral Research 2005-2012

- Located white-tailed deer using radio telemetry

- Performed double sampling to determine available standing crop

- Used line intercept method to determine woody plant densities

- Measured visual obstruction of herbaceous and woody plants

- Estimated canopy cover of herbaceous plant species using Daubenmire frame

- Collected soil samples to determine chemical or physical soil properties

that were favorable for guineagrass

- Performed several nutritional essays to determine plant nutritional quality

- Investigated Maritime Pocket Gopher micro-habitat preferences

- Geographic information systems certificate: Extensive experience in ArcMap

using GPS collar data from deer and experience with Lidar imagery
- Statistical analyses performed using SAS

PROFESSIONAL DEVELOPMENT

Texas Chapter of the Wildlife Society
Member- 2006-present
Co-Chair of Publications Awards- 2020
Committee member of Collegiate Plant ID competition- 2017, 2018
Member of Scholarship committee- 2017
Member of Publication Awards committee- 2015, 2016, 2019

The Wildlife Society
Member- 2007-present
Texas Section Society for Range Management
Member- 2014-present
Publication Awards Committee member- 2020
Chair of undergraduate and graduate student poster presentation competition- 2016-2019
Collegiate Plant Identification committee co-chair- 2017, 2018
Undergraduate and Graduate Scholarship committee co-chair- 2017
Member of sponsorship, plant identification, planning and local arrangements committees for TSSRM annual meeting- 2016

Reviewer for Northeastern Naturalist Journal, Book review for The Wildlife Society

PROFESSIONAL AFFILIATION

Texas Chapter of the Wildlife Society
Member- 2006-present
The Wildlife Society
-Member: 2007-present
Texas Section Society for Range Management
- Member: 2014-present
Texas Wildlife Association
- Member: 2012-present

Revised: 1/14/2021