

J. Will Dickison

Angelo State University * ASU Station # I 0888 San Angelo, TX 76909 * Work (325) 486-6756

Fax (325) 942-2183 * jw.dickison@angelo.edu

Education

Texas A&M University, College Station, TX August 2010
Doctor of Philosophy in Physiology of Reproduction
Dissertation: "Effects of GnRH and Prostaglandin combined with a short Progestin regimen and its impact on synchrony of estrus and ovulation in ewes exhibiting seasonal oestrus"

Texas Tech University, Lubbock, TX August 2004
Master of Science in Agricultural Science

Texas Tech University, Lubbock, TX May 2003
Bachelor of Science in Interdisciplinary Agriculture
Certification: Teacher Education Program

Experience

Angelo State University

Assistant Professor and Davidson Chair of Agricultural Science Spring 2011-Present

- Teaching Responsibilities include undergraduate and graduate courses in ag science and animal science.
- Research consists of advising graduate students with thesis projects
- Manage the Mayer-Rousselot Ag Science Training Facility
- Coaching various judging teams and advising wool judging program
- Coordinate various contests and clinics for state FFA and 4-H programs
- Manage various sheep flocks at the MIR center
- Coordinator, ASU LDE Contests
- Coordinator, ASU Wool Judging Clinic

Coach Wool Judging Team

- Provide students with the knowledge necessary to evaluate wool and mohair at various competitions
- Organize practice contests for team to gain experience in a contest situation

ASU Collegiate FFA

Advisor 2013-Present

College of Arts and Sciences Tenure Committee 2017-2018

Member

Tippett Professorship Selection Committee

Member Fall 2015

Graduate School Representative

Clint Morgan - Biology, Masters

Committee Member 2014

Alphonso Carrasco - Security Studies, Masters

Committee Member 2014

Faculty Senate Representative

Agriculture Department

Faculty Senate Executive Committee, Parliamentarian Fall 2012-Spring 2014

Enrollment Management Committee Fall 2013-Spring 2014

Texas A&M University, Department of Animal Science

Fall 2006-2010

Pearce Pavilion, Manager

- Supervise two student workers to ensure necessary preparations are made for the facility
- Oversee activities and events within the pavilion
- Maintain all equipment and desired presentation of the grounds
- Coordinate classes and contests held at the pavilion per specifications Department Animal Science

Graduate Assistant

- Perform labs for students to get hands on experience in various areas of agriculture
- Prepare and present lesson on animal reproduction, general animal science, sheep and goat production and wool and mohair evaluation
- Perform artificial insemination and synchronization protocols for ewes during breeding season
- Assist professors with all lecture needs and materials Wool Judging Team

Coach Wool Judging Team

- Provide students with the knowledge necessary to evaluate wool and mohair at various competitions
- Organize practice contests for team to gain experience in a contest situation
- Oversee all travel arrangements and lodging for students at each contest
- Ensure students are adequately prepared in giving oral reasons and judging of wool and mohair
- Encourage and mentor members throughout the judging season

Bastrop Independent School District, Agriculture Science Department

Aug. 2005-Jul. 2006

Agriculture Science Teacher

- Instructed and mentored students in various areas of livestock
- Prepared students for applied to hands-on learning opportunities or supervised agricultural experiences
- Encouraged opportunities for leadership experience and career development while reinforcing agricultural education
- Evaluated livestock to select adequate animals for livestock shows
- Performed monthly meetings for the FFA organization

Grape Creek Independent School District, Agriculture Science Department

Aug. 2004-Jul. 2005

Agriculture Science Teacher

- Taught a blend of natural, economic and social sciences to young adults interested in agriculture
- Oversaw appropriate learning activities and experiences related to lessons
- Supervised student-teaching field experiences
- Advisor to FFA organization and related programs
- Involved local business and extension agencies in classroom learning

Related Teaching Experience

Angelo State University

AGSC 2300 - Introduction to Agricultural Science

- This course will provide future agricultural educators with the history and principles of agricultural education, community assessment of agricultural programs, planning and development of agricultural youth organizations.

AGSC 2302 -Principles of Effective Technology Use in Agricultural Science

- Covers the processes by which professional agriculturalists and communicators influence the introduction, adoption and diffusion of agricultural technology.

AGSC 2303 - Welding and Metalwork

- This course serves as an introductory course for welding and metalworking. The course lecture and laboratory will present the student with basic knowledge and fundamentals of welding and metalwork. Importance of safety within agricultural mechanics settings will also underlie course content and design.

AGSC 3303 - Mechanical Systems Management in Agriculture

- Teachers of agricultural science need the basic principles of internal combustion engine theory and operation. Emphasis will be on small gas power plants for ag and non-ag systems.

AGSC 3313 - Management of Supervised Agricultural Experience Programs

- Teachers of agricultural science and cooperative extension agents need an understanding of the skills needed to successfully manage and supervise agricultural experience programs conducted through the FFA and youth projects in 4-H. This course is designed to provide the theory and application for working with youth in the selection, management, and record keeping procedures used with SAEP's and youth projects.

AGSC 3331 - Agriculture Youth Leadership Organizations

- This course will provide future agricultural educators with a comprehensive overview of the components of an Agricultural Education program including the application of leadership principles with an emphasis on teaching elements of the National FFA & 4-H Organizations, interpersonal and personal skills and Leadership Development Events in a high school setting.

AGSC 4304 - Methods of Teaching Agriculture Science

- Teachers of agricultural science and cooperative extension agents need an understanding of the foundation upon which effective teaching is built. This course is designed to provide the theory and application for effective teaching in secondary programs of agriculture science.

AGSC 4308 -Agricultural Buildings and Environmental Control

- Determining agricultural building requirements, materials, design, and construction. Includes construction, tools and equipment, framing, environmental control, and necessary utilities.

AGSC 4391 - Undergraduate Agricultural Science Research

- Supervise and assist undergraduate students with independent projects to broaden their individual knowledge within the field of Ag Science.

ASCI 4342 - Sheep and Goat Science

- Covers the principles and fundamentals of the sheep and goat industry as well as all basic and pertinent scientific data surrounding subjects involved in the production of sheep and goats.

ASCI 4343 - Beef Cattle Production

- To develop processes by which students are able to integrate management components into decision-making so as to optimize production while maximizing economic return to the production system. Emphasis will be placed on problem-solving techniques when possible. Students will obtain a perspective of the total beef cattle industry from a commercial cattle producer's viewpoint.

ASCI 4344 – Animal Reproduction

- To develop a basic understanding of the reproductive processes in farm animals and other species, focusing mainly on large mammals. This will include anatomy of the reproductive systems, basic hormonal control, reproductive cycles and assisted reproductive techniques used to alter the above.

Graduate Courses

AGSC 6300 - Technology Transfer and Leadership

- This course is designed to explore the factors underlying the adoption of innovations by social actors and how these innovations change social structures from a community to a global basis. As such, students will complete this course with an enhanced understanding of how profoundly different scientific and technological developments affect society.

ASCI 6335 - Current Issues in Animal Agriculture

- Course facilitates discussion on current technological, societal, economic and environmental issues facing the industry.
- Covers vital scientific data on a variety of subjects

- Discusses and applies a variety of skills and theories on how to deal with controversial topics within agriculture.

ASCI 6339 – Advanced Reproductive Physiology

- This course allows graduate students to have a greater understanding about the physiological mechanisms that drive the reproductive process within the animal body.

ASCI 6340 – Advanced Sheep and Goat Production

- This course is designed to allow the graduate students the opportunity to develop processes by which students are able to integrate management components into decision-making so as to optimize production while maximizing economic return to the production system. Emphasis will be placed on problem-solving techniques when possible. Students will obtain a perspective of the sheep and goat industry from a commercial producer's viewpoint.

ASCI 6345 - Advanced Beef Cattle Production

- Allows graduate students to develop processes by which students are able to integrate management components into decision-making so as to optimize production while maximizing economic return to the production system. Emphasis will be placed on problem-solving techniques when possible. Students will obtain a perspective of the total beef cattle industry from a commercial cattle producer's viewpoint.

Research

- Interest includes the effectiveness and efficacy of assisted reproductive technologies as well as improving reproductive efficiency of ruminant animals
- Research interests are producer oriented and focused on increasing efficiency of production system and animals

Articles Currently submitted for Peer-Review

Calhoun, A.K., J.W. Dickison, M.W. Salisbury, C.B. Scott, J.D. Sugg. 2014. Effects of GnRH and Prostaglandin combines with a Short Progestin Regimen on the Synchrony of Estrus and Ovulation in Suffolk Ewes during the Breeding Season. Submitted to Texas Journal of Agriculture and Natural Resources, May 2016.

Leonard, C.A., J.W. Dickison, M.W. Salisbury, J.D. Sugg, G. Engdahl. 2016. Effects of Octacosanol on Non-Seasonal Spermatogenesis in Ovine. Submitted to Texas Journal of Agriculture and Natural Resources, July 2016.

Dickison, J.W., W.S. Ramsey, D.W. Forrest, J.D. Sugg. 2010. Effects of GnRH and Prostaglandin with brief Progestin Regimen on Estrus Synchronization and Ovulation of Ewes Exhibiting Seasonal Estrus. Submitted to Sheep and Goat Research Journal, September 2016.

Abstracts and Scientific Presentations

Harris, C.M., J.W. Dickison, C.A. Runyan, C.O. Owens. 2018. Effects of Dietary Octacosanol on Ram Semen Parameters. American Society of Animal Science, Western Section 2018.

Leonard, C.A., J.W. Dickison, M.W. Salisbury, J.D. Sugg, G. Engdahl. 2016. Effects of Octacosanol on Non-Seasonal Spermatogenesis in Ovine. American Society of Animal Science, Western Section 2016.

Calhoun, A.K., J.W. Dickison, M.W. Salisbury, C.B. Scott, J.D. Sugg. 2014. Effects of GnRH and Prostaglandin combines with a Short Progestin Regimen on the Synchrony of Estrus and Ovulation in Suffolk Ewes during the Breeding Season. American Society of Animal Science, Western Section 2014.

Dickison, J.W., W.S. Ramsey, D.W. Forrest, J.D. Sugg. 2010. Effects of GnRH and Prostaglandin with brief Progestin Regimen on Estrus Synchronization and Ovulation of Ewes Exhibiting Seasonal Estrus. American Society of Animal Science, Southern Section 2010.

Proceedings Papers

Leonard, C.A., J.W. Dickison, M.W. Salisbury, J.D. Sugg, G. Engdahl. 2016. Effects of Octacosanol on Non-Seasonal Spermatogenesis in Ovine. American Society of Animal Science, Western Section 2016.

Calhoun, A.K., J.W. Dickison, M.W. Salisbury, C.B. Scott, J.D.Sugg. 2014. Effects of GnRH and Prostaglandin combines with a Short Progestin Regimen on the Synchrony of Estrus and Ovulation in Suffolk Ewes during the Breeding Season. American Society of Animal Science, Western Section 2014

ASU Graduate Student Thesis Advisor

Rita Martinez	Current
Emery Spence	Current
Effects of Dietary Octacosanol combined with GnRH injections on Ram Semen Parameters	
Mikhaila Barnett Adcox	2020
Effects of Dietary Octacosanol on Ram Semen Parameters	
Sherri Jaye Chasteen	2017
Corn Gluten Feed Supplementation and its Effects on Maturation Rates in Rambouillet Ewe Lambs.	
Amber Ehrlich	2015
Evaluation of Artificial Insemination in suffolk ewes utilizing a traditional AM-PM rule for breeding.	
Craig Leonard	2013
Effects of Octacosanol on Non-Seasonal Spermatogenesis in Ovine.	
Andy Calhoun	2012
Effects of GnRH and Prostaglandin Combined with a Short Progestin Regimen on the Synchrony of Estrus and Ovulation in Suffolk Ewes During the Breeding Season	

ASU Graduate Committees

Jack Murren	2021
Monique Pal	2020
Mikhaila Adcox	2020
Colten Harris	2018
Savannah Clay	2017
Chris Miller	2017
Archimedes Reyes	2017
Sterling Yurrita	2017
Sterling Crooks	2017
Hunter Brietzke	2016
Hilary Miller	2015
Nathan Ray	2014
Kayla Book	2014
Josh Smartt	2014
Mark Baxter	2014
Jennifer Wyatt	2013

Professional Service

Vocational Agriculture Teachers Association of Texas <i>Executive Committee</i>	2012-Present
Agricultural Consortium of Texas <i>President</i>	2016-2017
<i>President Elect</i>	2015-2016
Texas Club Lamb Breeders Association	2010-Present
Texas Finewool Breeders Association	2011-Present
Texas Agricultural Educators <i>Chairman</i>	2013
<i>Committee Member</i>	2011
Area 2 FFA Scholarship Committee	2012-Present
Texas FFA Degree Check Committee	2012- Present
Chapter Degree in Placement, <i>Chair</i>	2012-Present
Texas Sheep and Goat Field Day <i>Presenter</i>	
District 7 4-H Livestock Judging Contest <i>Superintendent</i>	
Area 7 Wool Judging Contest <i>Superintendent</i>	
Area 4 Wool Judging Contest <i>Superintendent</i>	
Area 2 Vet Tech Contest <i>Superintendent</i>	
Area 10 Wool Judging Contest <i>Superintendent</i>	
San Antonio Wool Judging Contest <i>Committee Member</i>	
Houston Wool Judging Contest <i>Committee Member</i>	
National Intercollegiate Livestock Judging Contest <i>Committee Member</i>	
Houston Livestock Show Intercollegiate Livestock Judging Contest <i>Committee Member</i>	
San Angelo Stock Show and Rodeo <i>Assistant Superintendent, Livestock Judging Contest</i>	
<i>Assistant Superintendent, Wool Judging Contest</i>	
<i>Superintendent, Ag Science Fair</i>	
<i>Committee Member, Ag Mechanics Contest</i>	

Livestock Judging

National Shows, 2010-Present (5 Sheep Shows, 4 Goat Shows)
State Shows, 2010-Present (42 Sheep Shows, 35 Goat Shows)
County Shows, 2010-Present (26 County Show)

