

## COREY J. OWENS

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### Education

**2005-2007** **Angelo State University** **San Angelo, Texas**

Master of Science in Animal Science

Supporting Concentration: Range & Wildlife Management

Thesis Title: Juniper Consumption Does Not Cause Abortions or Reduce Neonatal Viability in Boer-cross Goats

Graduated, May 2007

GPA: 4.0

**2001-2005** **Angelo State University** **San Angelo, Texas**

Bachelor of Science in Animal Science

Minors: Range & Wildlife Management/Communication

Graduated summa cum laude, May 2005

GPA: 3.955

### Work Experience

**2007-Present** **Angelo State University** **San Angelo, Texas**

Instructor/Research Associate Department of Agriculture

- Course Responsibilities
  - Principles of Animal Science
  - Introduction to Microcomputer Applications in the Sciences
  - Principles of Range Management
  - Range Improvements
  - Senior Seminar
- Research/Contractual Responsibilities
  - Assist tenure-track faculty members with research projects involving range management and animal science
  - Supervise undergraduate and graduate research projects involving range management and animal science
  - Departmental recruiting at high schools, conventions, stock shows, and conferences
  - Supervise student recruiting organization within the department

**1988-Present** **Owens Ranch** **Barnhart, Texas**

- Manage and market commercial cattle, goat, and sheep operation
- Range and wildlife management
- Resource conservation and watershed management
- Fence, windmill and general maintenance

**2005-2007** **Angelo State University** **San Angelo, Texas**

Graduate Research Assistant/Teaching Assistant

- Preside over Animal Science and Range & Wildlife Management labs
- Help maintain registered cattle, sheep, and goat operation
- General range improvements
- Enhance trophy whitetail deer population

**2004-2005**

**Natural Resource Conservation Service**

**Ballinger, Texas**

Summer Intern

- Surveyed fields for terrace construction
- Certified waterway and terrace construction
- Developed range improvement and burn plans for area ranchers
- Designed plans for farmland and rangeland conservation
- Researched and gathered data on no-till farming practices

## **Teaching**

### **Angelo State University**

ASCI 1341 – Principles of Animal Science

- Teach students general terms, breeds of livestock, industry, and production in the field of animal science
- Emphasize importance of domestic livestock on world economies
- Teach important husbandry techniques and general animal care and welfare

ASCI 1351 – Introduction to Microcomputer Applications in the Sciences

- Introduce students to basic computer operations including email, internet, word processing, data manipulation, and presentation software

ASCI 4181 – Seminar

- Provide students with skills necessary to actively seek out and obtain a job including resume and cover letter construction, interview skills, and presentation capabilities

RWM 3331 – Principles of Range Management

- Cover information relating to issues in range management, key concepts, terminology, methods of science, and range succession
- Laboratory sections cover plant identification, plant morphology, range evaluation procedures, and models of range trend

RWM 3332 – Range Improvements

- Cover information dealing with improving rangeland health, controlling invasive species, benefit/cost ratios for range improvements, and planning strategies
- Laboratory sections emphasize hands-on experience with different range improvement techniques, range planning, and stocking rates

### **Angelo State University**

ASCI 1341 – Principles of Animal Science lab instructor

- Primary lab instructor educating students in general terms, breeds of livestock, industry, and production in the field of animal science
- Show students production agriculture through field trips and industry tours
- Developed exams and scored tests to evaluate student progress
- Provided tutoring and assistance for students outside of lab

RWM 3331 – Principles of Range Management lab assistant

- Assisted faculty presenting plant identification, plant morphology, range evaluation procedures, and models of range trend
- Developed exams and scored tests to evaluate student progress
- Assisted in grading and administering lecture exams
- Provided tutoring and assistance for students outside of lab

RWM 3332 – Range Improvements lab assistant

- Assisted faculty emphasizing hands-on experience with different range improvement techniques, range planning, and stocking rates
- Developed exams and scored tests to evaluate student progress
- Assisted in grading exams and range improvement plans
- Provided tutoring and assistance for students outside of lab

RWM 4333 – Range Wildlife Management lab assistant

- Assisted faculty in teaching wildlife species of interest, herd management, and wildlife census observations and calculations
- Assisted in grading and administering lecture exams
- Provided tutoring and assistance for students outside of lab

## Research

My research interests include biological control options for invasive species, the role of livestock in mesquite seed dispersal, cost-effective methods of slowing mesquite and prickly pear encroachment, and the role of prescribed fire in range management and invasive plant control.

### Thesis

**Owens, C.J.**, C.B. Scott, C.A. Taylor, Jr., E.S. Campbell, and R. Brantley. 2008. Juniper Consumption Does Not Cause Abortions or Reduce Neonatal Viability in Boer-cross Goats. M.S. Thesis, Angelo State University.

### Refereed Publications

Anderson, J.R., C.B. Scott, C.A. Taylor, Jr., **C.J. Owens**, and R. Brantley. 2010. Juniper consumption by three different breeds of sheep. *Rangeland Ecology and Management* (in progress).

Dietz, T.H., C.B. Scott, C.A. Taylor, Jr., **C.J. Owens**, E.S. Campbell, and R. Brantley. 2010. Feeding redberry juniper (*Juniperus pinchotii*) at weaning increases juniper consumption by goats on pasture. *Rangeland Ecology and Management* 63:366-372.

George, C.H., C.B. Scott, T.R. Whitney, **C.J. Owens**, B.J. May, and R. Brantley. 2010. Supplements containing escape protein improve redberry juniper consumption by goats. *Rangeland Ecology and Management* 63:665-661.

Menchaca, M.W., C.B. Scott, K.W. Braden, **C.J. Owens**, and L.A. Branham. 2010. Juniper consumption does not adversely affect meat quality in Boer-cross goats. *Rangeland Ecology and Management* (accepted).

**Owens, C.J.**, C.B. Scott, C.A. Taylor, Jr., E.S. Campbell, and R. Brantley. 2010. Redberry juniper consumption does not adversely affect reproduction of meat goats. *Texas Journal of Agriculture and Natural Resources* (23:71-82).

### Abstracts, Scientific Presentations, and Poster Sessions

Anderson, J., C.B. Scott, **C.J. Owens**, and M.W. Salisbury. 2009. Juniper Consumption by Three Different Breeds of Sheep. Texas Section Society for Range Management Annual Meeting, Beaumont, Texas.

Anderson, J., C.B. Scott, **C.J. Owens**, and M.W. Salisbury. 2009. Juniper Consumption by Three Different Breeds of Sheep. Abstract presentation. Student Research Showcase, Angelo State University, San Angelo, TX.

Anderson, J., C.B. Scott, **C.J. Owens**, and M.W. Salisbury. 2010. Juniper Consumption by Three Different Breeds of Sheep. Abstract #105. 63<sup>rd</sup> Society for Range Management Annual Meeting, Denver, Colorado.

Anderson, J., C.B. Scott, **C.J. Owens**, and M.W. Salisbury. 2010. Juniper Consumption by Three Different Breeds of Sheep. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

Bundick, C.J., C.B. Scott, **C.J. Owens**, and R. Brantley. 2008. Will Supplementation With Onions Reduce The Likelihood of Bitterweed Toxicity In Sheep? Texas Section Society for Range Management Annual Meeting, Nacogdoches, Texas.

Bundick, C.J., C.B. Scott, **C.J. Owens**, E. Campbell, and R. Brantley. 2009. Will Supplementation With Onions Reduce The Likelihood of Bitterweed Toxicity In Sheep? 62<sup>nd</sup> Society for Range Management Annual Meeting, Albuquerque, New Mexico.

Cave, K., C.B. Scott, and **C.J. Owens**. 2009. Preference and Nutritional Quality of Different Varieties of Onions. Texas Section Society for Range Management Annual Meeting, Beaumont, Texas.

Cave, K., C.B. Scott, and **C.J. Owens**. 2009. Preference and Nutritional Quality of Different Varieties of Onions. Abstract presentation. Student Research Showcase, Angelo State University, San Angelo, TX.

Cave, K., C.B. Scott, and **C.J. Owens**. 2010. Preference and Nutritional Quality of Different Varieties of Onions. Abstract #104. 63<sup>rd</sup> Society for Range Management Annual Meeting, Denver, Colorado.

Cave, K., C.B. Scott, and **C.J. Owens**. 2010. Preference and Nutritional Quality of Different Varieties of Onions. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

Coffman, M., C. B. Scott, and **C. J. Owens**. 2009. The Effects of Protein Supplementation on Bitterweed Toxicosis in Sheep. Texas Section Society for Range Management Annual Meeting, Beaumont, Texas.

Coffman, M., C. B. Scott, and **C. J. Owens**. 2010. The Effects of Protein Supplementation on Bitterweed Toxicosis in Sheep. Abstract #107. 63<sup>rd</sup> Society for Range Management Annual Meeting, Denver, Colorado.

Coffman, M., C. B. Scott, and **C. J. Owens**. 2010. The Effects of Protein Supplementation on Bitterweed Toxicosis in Sheep. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

Fuchs, D.K., C.B. Scott, M.W. Salisbury, and **C.J. Owens**. 2010. The Effects of Bitterweed Ingestion on Reproduction in Rambouillet Rams. Texas Section Society for Range Management Annual Meeting, Odessa, Texas.

Fuchs, D.K., C.B. Scott, M.W. Salisbury, and **C.J. Owens**. 2011. The Effects of Bitterweed Ingestion on Reproduction in Rambouillet Rams. Abstract #C-13. 64<sup>th</sup> Society for Range Management Annual Meeting, Billings, Montana.

Fuchs, D.K., C.B. Scott, M.W. Salisbury, and **C.J. Owens**. 2011. The Effects of Bitterweed Ingestion on Reproduction in Rambouillet Rams. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

Garcia, R.A., C.B. Scott, M.W. Salisbury, and **C.J. Owens**. 2011. Effects of Protein Supplementation on Consumption of Salt Cedar in Goats. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

George, C.H., C.B. Scott, C.A. Taylor, Jr., **C.J. Owens**, M.W. Salisbury, and B.J. May. 2008. Effects of Protein Supplementation on Juniper Consumption by Goats. American Forage and Grassland Council and Society for Range Management Joint Annual Meeting, Louisville, Kentucky.

Jackson, J.R., C.B. Scott, and **C.J. Owens**. 2010. Control of Prickly Pear Using Three Different Herbicides. Texas Section Society for Range Management Annual Meeting, Odessa, Texas.

Jackson, J.R., C.B. Scott, and **C.J. Owens**. 2010. Control of Prickly Pear Using Three Different Herbicides. Abstract presentation. Student Research Showcase, Angelo State University, San Angelo, TX.

Jackson, J.R., C.B. Scott, and **C.J. Owens**. 2011. Control of Prickly Pear Using Three Different Herbicides. Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

Klein, D.R., C.B. Scott, T.R. Whitney, and **C.J. Owens**. 2009. Evaluating the Effects of Monoterpenoids and Quebracho Tannins on Internal Parasite Viability in Goats. Abstract presentation. Student Research Showcase, Angelo State University, San Angelo, TX.

Klein, D.R., C.B. Scott, T.R. Whitney, and **C.J. Owens**. 2009. Evaluating the Effects of Monoterpenoids and Quebracho Tannins on Internal Parasite Viability in Goats. Texas Section Society for Range Management Annual Meeting, Beaumont, Texas.

Klein, D.R., C.B. Scott, T.R. Whitney, and **C.J. Owens**. 2010. Evaluating the Effects of Monoterpenoids and Quebracho Tannins on Internal Parasite Viability in Goats. Abstract #106 63<sup>rd</sup> Annual Society for Range Management Annual Meeting, Denver, Colorado.

Klein, D.R., C.B. Scott, T.R. Whitney, and **C.J. Owens**. 2010. Evaluating the Effects of Monoterpenoids and Quebracho Tannins on Internal Parasite Viability in Goats. Abstract Presentation. The Rancher's Workshop. Big Lake, Texas.

Menchaca, M., C.B. Scott, K. Braden, L. Branham, and **C.J. Owens**. 2008. Effect of Juniper Consumption on Meat Quality in Meat Goats. Texas Section Society for Range Management Annual Meeting, Nacogdoches, Texas.

Menchaca, M., C.B. Scott, K. Braden, L. Branham, and **C.J. Owens**. 2009. Effect of Juniper Consumption on Meat Quality in Meat Goats. 62<sup>nd</sup> Society for Range Management Annual Meeting, Albuquerque, New Mexico.

Munoz, A., C.B. Scott, **C.J. Owens**, and C.H. George. 2008. Consumption of Salt Cedar and Willow Baccharis by Boer-cross Goats. Texas Section Society for Range Management Annual Meeting, Nacogdoches, Texas.

Munoz, A., C.B. Scott, **C.J. Owens**, and C.H. George. 2009. Consumption of Salt Cedar and Willow Baccharis by Boer-cross Goats. 62<sup>nd</sup> Society for Range Management Annual Meeting, Albuquerque, New Mexico.

**Owens, C.J.** and C.B. Scott. 2006. Mesquite Control Options for Urban and Suburban Settings. Abstract presentation. Student Research Showcase, Angelo State University, San Angelo, TX.

**Owens, C.J.**, C.B. Scott, C.A. Taylor, Jr., E.S. Campbell, and M.W. Salisbury. 2007. Redberry Juniper Consumption does not Adversely Affect Meat Goat Reproduction. Texas Section Society for Range Management Annual Meeting, Lubbock, Texas.

**Owens, C.J.**, C.B. Scott, C.A. Taylor, Jr., and M.W. Salisbury. 2008. Juniper Consumption does not Cause Abortions or Reduce Neonatal Viability in Boer-cross Goats. American Forage and Grassland Council and Society for Range Management Joint Annual Meeting, Louisville, Kentucky.

**Owens, C.J.**, C.B. Scott, M.W. Salisbury, and C.A. Taylor, Jr., 2007. Does Juniper Consumption by Pregnant Goats Cause Reproductive Failure and/or Reduction in Neonatal Kid Viability? Western Extension, Research, and Academic Coordinating Committee 039 (WERA 039), Corvallis, Oregon.

Pyle, L.W., C.B. Scott, and **C.J. Owens**. 2009. Mesquite Seedling Disappearance Under Goat Browsing. Abstract presentation. Student Research Showcase, Angelo State University, San Angelo, TX.

Pyle, L.W., C.B. Scott, and **C.J. Owens**. 2010. Mesquite Seedling Disappearance Under Goat Browsing. Abstract Presentation. The Rancher's Workshop. Big Lake, Texas.

Pyle, L.W., C.B. Scott, and **C.J. Owens**. 2010. Mesquite Seedling Disappearance Under Goat Browsing. Texas Section Society for Range Management Annual Meeting, Odessa, Texas.

Pyle, L.W., C.B. Scott, and **C.J. Owens**. 2011. Mesquite Seedling Disappearance Under Goat Browsing. Abstract #A-14. 64<sup>th</sup> Society for Range Management Annual Meeting, Billings, Montana.

Sato, N.E., M.W. Salisbury, C.B. Scott, **C.J. Owens**, and G.R. Engdahl. 2007. Potato Weed (*Solanum dimidiatum*) Ingestion does not Cause Embryonic Loss or Affect Neonatal Lamb Survival. Abstract #381. 60<sup>th</sup> Annual Society for Range Management Meeting, Reno, Nevada.

Tidwell, K., C.B. Scott, C.A. Taylor, J. Walker, D. Waldron, **C.J. Owens**, and M.W. Salisbury. 2010. Will Super Juniper-Eating Sires Produce Super Juniper-Eating Offspring? Abstract presentation. Student Research Showcase, Angelo State University, San Angelo, TX.

Tidwell, K., C.B. Scott, C.A. Taylor, J. Walker, D. Waldron, **C.J. Owens**, and M.W. Salisbury. 2011. Will Super Juniper-Eating Sires Produce Super Juniper-Eating Offspring? Abstract #A-13. 64<sup>th</sup> Society for Range Management Annual Meeting, Billings, Montana.

Tidwell, K., C.B. Scott, C.A. Taylor, J. Walker, D. Waldron, **C.J. Owens**, and M.W. Salisbury. 2011. Will Super Juniper-Eating Sires Produce Super Juniper-Eating Offspring? Abstract presentation. The Rancher's Workshop. Big Lake, Texas.

#### Progress Reports

Dietz, T.H., C.B. Scott, C.A. Taylor, Jr., and **C.J. Owens**. 2006. Preconditioning Goats to Increase Consumption of Redberry Juniper on Pasture. Angelo State University MIR Center Progress Report R-11.

George, C.H., C.B. Scott, T.R. Whitney, **C.J. Owens**, B.J. May and R. Brantley. 2009. Supplements Containing Escape Protein Improve Redberry Juniper Consumption By Goats. Angelo State University MIR Center Progress Report R-12.

Munoz, A., C.B. Scott, **C.J. Owens**, and C. George. 2009. Consumption of Salt Cedar and Willow Baccharis by Boer-cross Goats. Angelo State University MIR Center Progress Report R-12.

**Owens, C.J.**, C.B. Scott, C.A. Taylor, Jr., E.S. Campbell, and R. Brantley. 2009. Redberry Juniper Consumption Does Not Adversely Affect Meat Goat Reproduction. Angelo State University MIR Center Progress Report R-12.

**Owens, C.J.**, C.B. Scott, and T.H. Dietz. 2006. Controlling Mesquite Using the Herbicide Redeem. Angelo State University MIR Center Progress Report R-11.

**Owens, C.J.**, C.B. Scott, H.J. Babb, and B.E. Deeds. 2006. Controlling Mesquite Using the Herbicide Remedy. Angelo State University MIR Center Progress Report R-11.

**Owens, C.J.**, C.B. Scott, R.W. Cook, and W.T. Dunson. 2006. Controlling Mesquite Using the Herbicide Reclaim. Angelo State University MIR Center Progress Report R-11.

### Public Outreach

4-H Spectra. Angelo State University MIR Center. July 2007. Prescribed Burning: Purposes, Prescriptions, and Procedures. (Demonstration)

Ag Tech Camp. Texas State Technical College. Sweetwater, Texas. June 14, 2009. Range Management: Principles and Practices. (Presentation/demonstration)

West Texas Veterinary Camp. Tom Green County 4-H Center. July 13, 2009. Meat Goat Surgical Dehorning. (Demonstration)

The Rancher's Workshop. Big Lake, Texas. March 13, 2010. (Emcee)

Ag Tech Camp. Texas State Technical College. Sweetwater, Texas. June 16, 2010. Range Management: Principles and Practices. (Presentation/demonstration)

West Texas Veterinary Camp. Tom Green County 4-H Center. July 11, 2010. Meat Goat Surgical Dehorning. (Demonstration)

### **Organizations**

- Society for Range Management member
- Texas Section Society for Range Management (TSSRM) member
- TSSRM Young Professional's Committee Chairman, Co-Chairman
- TSSRM Annual Meeting Co-Chairman
- San Angelo Stock Show and Rodeo event Chairman, committee Superintendent, member
- Wildlife Alliance for Youth Region II Wildlife Contest Assistant Superintendent
- ASU Block & Bridle Club – Faculty Advisor, Graduate Advisor (2 years); President (2 terms)
- Honor Society of Delta Tau Alpha – Faculty Advisor, member
- RAMS (Recruiting Ag Majors) – Faculty Advisor, member
- Alpha Chi National Honor Society – member

### **Awards and Certifications**

- ASU College of Graduate Studies Outstanding Graduate Student - 2007
- Beef Cattle Artificial Insemination Certified – 2006 – Repro Services, R.L.L.P.
- Beef Cattle Pregnancy Determination Certification – 2006 – TCES
- Texas Department of Agriculture – Private Applicator's Pesticide License - 2005
- ASU Block & Bridle Outstanding Senior – 2005
- ASU Department of Agriculture Senior Merit – 2005
- Society for Range Management Outstanding Student – 2004 – Angelo State

### **Scholarships**

- Academic Excellence Scholarship – Angelo State University
- Angelo State University Graduate Assistantship
- Carr Undergraduate Scholarship – Angelo State University
- San Antonio Livestock Exposition Scholarship – Angelo State University
- Texas 4-H Scholarship
- Concho Cattlewomen Scholarship