


Steven Boot Chumbley

311 E. Main St
Bishop, Tx 78343
210-383-6329

Education

- Doctorate  **Texas Tech University** August 2011
Agricultural Education
Dissertation: *Texas Agriscience Teacher's Confidence Levels in Integrating Science in the Agricultural Education Curriculum*
Completed coursework towards Texas Superintendent Certification
- Masters  **Texas A&M University-Kingsville** August 2009
Educational Administration
Master's Thesis: *A Comparison of Teacher and Administrator Perceptions of Motivational Factors for Career and Technology Educators*
Texas Principal Certificate, Instructional Leadership Development (ILD) and Professional Development and Appraisal (PDAS) Certifications, TTES (Texas Teacher Evaluation System)
- Bachelors  **Texas A&M University** May 2005
Agriculture Science
Texas Teacher Certification: Production Agriculture, Horticulture

Professional Experience

- August 2015- **Associate Professor** (*Tenured Aug. 2019*)
Assistant Director of Center for Teaching Effectiveness
- August 2011 to August 2015 **Assistant Professor**, Eastern New Mexico University
Director of Agriculture Dual Enrollment (2013-2015)
- August 2009 to August 2011 **Graduate Teaching/Research Assistant**
Texas Tech University- Lubbock, Texas
Department of Agricultural Education and Communications
Teaching Assistant

July 2008 to
August 2009

Agriculture Program Coordinator/ Asst. Principal

July 2005 to
July 2008

Agriculture Science Teacher

Peer-Reviewed Journal Articles

Chumbley, S.B., Dominguez, L. & Sorensen, T. (Submitted) Hispanic Student Perceptions of Distance Education in Agriculture *Journal of Hispanic Higher Education*

Chumbley, S.B., Hainline, M., Haynes, C. & Wells, T. (Accepted, In Press) Students Motivation to Learn Science Through Undergraduate-level Agriculture Coursework *Journal of Agricultural Education*

Chumbley, S.B. & Lund, R. (Accepted, In Press) Building Agricultural Mechanics Projects for Career Success *Journal of Agricultural Systems Management*

Chumbley, S.B. & Chumbley, T. (Accepted, In Press) The Historical Development of Agricultural Magnet Schools in the Alamo City Texas *Journal of Agriculture and Natural Resources*

Wells, T., Hainline, M., Rank, B., Sanders, K. & **Chumbley S.B.** (2021) A Regional Study of the Agricultural Mechanics Knowledge and Skills Needed by School-based Agricultural Education Teachers *Journal of Agricultural Education* 60 (1), 59-79 DOI: 10.5032/jae.2019.01059

Turner, B., Wuellner, M., Cortus, E. & **Chumbley, S.B.** (2021) A multi-university cohort model for teaching complex and interdisciplinary problem-solving using system dynamics *Systems Research and Behavioral Science* 1-5. DOI: 101002/sres.2788

Wells, T., Hainline, M., Rank, B., Sanders, K. & **Chumbley S.B.** (2021) School-based Agricultural Education Teachers' Experiences During a Year-long Field Test of the CASE Mechanical Systems in Agriculture (MSA) Curriculum *Journal of Agricultural Education* <http://doi.org/10.5032/jae.2021.01312>

Tinsley, T., **Chumbley, S.**, Machen, R. & Turner, B. (2019) Managing cow herd dynamics in environments of limited forage productivity and livestock marketing channels: an application to semi-arid island beef production using system dynamics. *International Systems Dynamics* 173, 79-93 DOI: 10.1016/j.agsy.2019.02.014

Chumbley, S.B., Hainline, M. & Wells, T. (2019) Identifying Post-Secondary Agricultural Students' Safety Climate Attitudes in the Agricultural Mechanics Laboratory *Journal of Agricultural Education* 60(2), 54-68 DOI: 10.5032/jae.2019.02054

Chumbley, S.B., Hainline, M., Russell, M. & Ruppert, D. (2019) Teachers' Confidence to Integrate Biology in Agriscience Courses. *Journal of Agricultural Education* 60 (1) 145-157 DOI: 10.5032/jae.2019.01145

Chumbley, S. B., Finney, W. B. & Russell, M. (2018) Measuring Critical Thinking Ability of Veterinary Technology Majors *Journal of Veterinary Technology Education*, 2, 6-8

Chumbley, B., Hainline, M. & Haynes, J.C. (2018) Agricultural Mechanics Laboratory Safety Practices in South Texas *Journal of Agricultural Education* 59(3), 309-323 DOI: 10.5032/jae.2018.03309

Chumbley, B., Haynes, J.C., Hainline, M. & Sorenson, T. (2018) Online Self-Regulated Learning in Agriculture *Journal of Agricultural Education* 59(1), 153-170 DOI: 10.5032/jae.2018.01153

Russell, M., **Chumbley, S.B.**, & Bell, N. (2018) A Measure of Science Motivation in an Introduction to Animal Science Course, *Journal of Animal Science* 96 (1) DOI: 10.1093/jas/sky027.137

Chumbley, B., Hainline, M & Haynes, J.C. (2018) Administrator Perceptions of an Agriculture Dual Enrollment Program. *Journal of the North American College Teachers of Agriculture (NACTA)* 62, 1-19

Hainline, M., Sorenson, T. & **Chumbley, S.B** (2017) Perceived Self-Efficacy of Pre-Service Agricultural Science Teachers toward Agricultural Mechanization *Journal of Agricultural Systems and Technology*, 29, 1-14

Chumbley, S. B. (2016) The Impact of a Career and Technology Education Program *SAGE Open* 1-9. DOI:10.1177/2158244016678036

Chumbley, S. B., Haynes, J. C. & Stofer, K. (2015) A Measure of Students' Motivation to Learn Science through Agricultural STEM Emphasis *Journal of Agriculture Education*, 56 (4) 107-122 DOI: 10.5032/jae.2015.0410 * **Winner Journal of Agricultural Education Article of the Year**

Chumbley, S. B. (2015) Taking Advantage of the STEM in Your Agriscience Courses. *The Agriculture Education Magazine*, 48, 12-19.

Chumbley, S. B (2015) Laboratory Safety Practices of New Mexico Agricultural Science Teachers. *Journal of Agricultural Systems, Technology, and Management* 26(5), 1-13

Chumbley, B. & Schuster, G. (2015) Career Interests of Agriculture Dual Enrollment Students. *Journal of the North American College Teachers of Agriculture (NACTA)*, 59(1), 87-89

Chumbley, S. B. (2015) The Benefits of a Hybrid Dual Enrollment CTE Course. *Techniques*, 90(4), 27-33

Haynes, J. C., Gill, B. E., **Chumbley, S. B.** & Slater, T. F. (2015). A cross-case comparison of the academic integration human capital pre-service agricultural educators retain prior to their teaching internship. *Journal of Agricultural Education*, 55(5). 191-206. DOI: 10.5032/jae.2014.05191

Peer-Reviewed Research Presentations

Chumbley, S.B., Dominguez, L. & Sorensen, T. (2021) Hispanic Student Perceptions of Distance Education in Agriculture. *American Association for Agricultural Education National Conference*

Chumbley, S.B., Dominguez, L. & Sorensen, T. (2021) Wildlife Education & Sustainability Training *North American College Teachers of Agriculture National Conference*

Bhandari, A.B., **Chumbley, S.B.**, Dominguez, L. & Turner, B. (2021) Assessing Coaches Experiences in Virtual Collegiate Soil Judging Contest During COVID-19 *North American College Teachers of Agriculture National Conference*

Chumbley, S.B., Turner, B., Wuelner, M., Rhoades, R. & Cortus, E. (2020) Measuring the Impact of a System Thinking Lectureship on Graduate Student Learning. *North American College Teachers of Agriculture* 64(1)

Chumbley, S.B., Wuellner & M., Turner (2020) Authentic Leadership in Systems Thinking. *North American College Teachers of Agriculture* 64(1)

Chumbley, S.B., Donato, C. & Nelson, S. (2020) Measuring the Impact of USDA Internships *North American College Teachers of Agriculture* 64(1).....

Wells, T., Hainline, M. S., Rank, B. D., Sanders, K. W., & **Chumbley, S. B.** (2020) What technical agricultural mechanics knowledge and skills are needed by school-based agricultural education teachers? *National AAAE Research Conference*

Wells, T., Hainline, M. S., Smalley, S. W., & **Chumbley, S. B.** (2020). What are school-based agricultural education teachers' experiences when implementing the CASE Mechanical Systems in Agriculture (MSA) curriculum? *American Association for Agricultural Education Research Conference*

Chumbley, S.B. & Bradshaw, M. (2020) Undergraduate Wildlife Majors Career Skill Confidence 2020 *Texas Chapter of the Wildlife Society Meeting*

Chumbley, S.B., Russell, M & Garza, S. (2019) Impacts of Career Development Events on Motivation to Major in Animal Science *Association of Animal Scientists Southern Conference*

Chumbley, S.B., Hainline, M., Haynes, J.C. & Wells, T. (2018) A Measure of Motivation to Learn Science Through Plant and Animal Science Courses *American Association of Agriculture Educators National Conference*

Chumbley, S.B., Hainline, M. & Wells, T. (2018) Safety Climate in the Agricultural Mechanics Lab *American Association of Agriculture Educators National Conference*

Turner, B & **Chumbley, S.B.** (2017) Learning to Teach System Dynamics for Agricultural and Resource Management Before and After the Competence Development Framework *2017 International System Dynamics Conference, Cambridge, MA, USA.*

Chumbley, B., Hainline, M., Haynes, J.C. (2017) Laboratory Safety Practices of South Texas Agricultural Mechanics Teachers *American Association of Agriculture Educators National Conference*

Chumbley, B., Haynes, J.C. & Hainline, M. (2016) Administrator Perceptions of an Agriculture Dual Enrollment Program. *2016 Proceedings of the Southern Region American Association of Agriculture Educators Annual Conference*

Chumbley, B. (2016) Mechanical Aptitude of Underrepresented Agriculture Science Majors *North American College Teachers of Agriculture National Conference*

M. R. Russell, T. R. Troxel, M. L. Looper, and **Chumbley, B.** (2016) Determination of knowledge gained following an animal science STEM based workshop *2016 Proceedings of the Southern Association of Agriculture Sciences Annual Conference*

Chumbley, B., Rhoades, R. & Peace, S. (2016) Self-Regulated Learning in an Online Hybrid Course *Texas Distance Learning in Education Conference San Antonio, Tx*

Chumbley, B., Haynes, J.C. & Hainline, M (2015) Self-Regulated Learning in an Online Agriculture Course *2015 Proceedings of the American Association for Agriculture Educators Western Conference*

Chumbley, B. & Laurenz, J (2015) Teacher Perceptions of a State Agriculture Dual Enrollment Program *2015 Proceedings of the American Association for Agriculture Educators Western Conference*

Chumbley, B., Haynes, J.C., & Stofer, K. (2015) A Measure of Students' Motivation to Learn Science through Agricultural STEM Emphasis *2015 Proceedings of the American Association for Agriculture Educators National Conference*

Chumbley, B. (2015) Laboratory Safety Practices of New Mexico Agricultural Science Teachers *2015 Proceedings of the American Association for Agriculture Educators National Conference*

Chumbley, B., Haynes, J. C. & Stofer, K. (2015) A Measure of Students' Motivation to Learn Science Through Agricultural STEM Emphasis. *2015 Proceedings of the American Association for Agriculture Educators Southern Conference*

M. R. Russell, T. R. Troxel, M. L. Looper, J. Cater, B. Kutz, and **Chumbley, B.** (2015) Determination of knowledge gained following an animal handling and control training workshop *2015 Proceedings of the Southern Association of Agriculture Sciences Annual Conference*

Chumbley, B., Ritz, R., Burris, S. & Frazee, S. (2014) Teacher's Confidence to Integrate STEM in the Their Classroom *2014 Proceedings of the American Association for Agriculture Educators Southern Conference*

Chumbley, B., Gill, B. & Chesher, L (2014) Laboratory Safety Practices of New Mexico Agricultural Science Teachers *2013 Proceedings of the American Association for Agriculture Educators Western Conference*

Haynes, J.C.; Gill, B.E.; **Chumbley, B.** & Slater, T.F. (2013) Knowledge of Pre-Service Teachers in STEM Integration: A Cross-Case Comparison of Three Agricultural Education Pre-Service Teacher Education Programs *2013 Proceedings of American Association for Agriculture Educators National Conference*

Chumbley, B., & Russell, M. (2013) Integrating Biology in Agricultural Science Courses *2013 Proceedings of American Association for Agriculture Educators Southern Region Conference*

Haynes, J.C.; **Chumbley, B.**; Gill, B.E.; & Slater, T.F. (2013) Uncovering Academic Emphasis Through Agricultural Education: Knowledge of Pre-service Teachers in STEM Integration - A Phenomenological Study *2013 Proceedings of American Association for Agriculture Educators Southern Conference*

Chumbley, B. & Russell, M. (2012) Agriscience Teachers' Confidence to Teach Biology in Plant and Animal Science Courses *2012 Proceedings of American Association for Agriculture Educators National Conference*

Chumbley, B., Ritz, R., Burris, S., & Frazee, S. (2012) Agriscience Teachers' Confidence Levels to Teach Advanced Animal Science for Science Credit *2012 Proceedings of American Association for Agriculture Educators Western Region Conference*

Chumbley, B. (2011) Pre-Service Teacher's Opinions of the New Mexico Professional Development Dossier *2011 ENMU Annual College of Education Research Symposium*

Chumbley, B., Burris, S., Bryant, P. & Frazee, S. (2010) The Relationship Between Pre-Service Teacher's Psychological Type, Critical Thinking Ability and Teacher Efficacy on Perceived Performance. *2010 Proceedings of Western Region American Association for Agriculture Educators Conference*

Peer-Reviewed Research Posters

Chumbley, S.B. & Dominguez, L. (2022, Submitted, Pending) FFA Adaptions to Covid-19 in South Texas *American Association of Agricultural Educators Southern Conference*

Chumbley, S.B., Dominguez, L. & Rucker, J. (2021) Leadership Attitudes and Beliefs at a Hispanic Serving Institution *American Association of Agricultural Educators Western Conference*

Giebler, R., Rucker, J., Cox, C., Graham, D. & **Chumbley, S.B.** (2021) An Industry Perspective of Competencies Needed for Agricultural Workforce Development *American Association of Agricultural Educators National Conference*

Chumbley, S.B., Dominguez, L. & Sorenesen, T. (2021) Hispanic Student Perceptions of Distance Education. *American Association of Agricultural Educators National Conference*

Bhandari, A. & **Chumbley, S.B.** (2021) Assessing Coaches Experience on Virtual Collegiate Soil Judging Contest During Covid-19 Pandemic *North American College Teachers of Agriculture National Conference*

Chumbley, S.B. & Sorensen, T. (2020) Wildlife Education and Sustainability Training (WEST) *Western Region AAAE Conference, Virtual*

Chumbley, S.B., Donato, C. & Nelson, S. (2020) Measuring the Impact of USDA Internships on Undergraduate Career Skills. *North American College Teachers of Agriculture National Conference*

Davis, T. & **Chumbley, S.B.** (2020) Career Aspirations of the Agricultural Technology & Mechanical Systems State CDE Competitors *2020 Proceedings of the American Association of Agricultural Educators National Conference*

Chumbley, S.B. (2020) Undergraduate Career, Research and Technical Skills in Wildlife Education *2020 Proceedings of the American Association of Agricultural Educators National Conference*

Chumbley, S.B. (2019) Benefits of Using Industry Based Online Modules for Teaching Small Engines *2019 Proceedings of the American Association of Agriculture Educators Western Conference*

***1st Runner Up Outstanding Research Poster**

Donato, C., Nelson, S., **Chumbley, S.B.** & Hanagriff, R (2019) START ACTING Program Participation Impact Recruitment & Retention of Students from South Texas in Agricultural Careers *SSA International Meeting*

Chumbley, S.B. (2019) Combining Boy Scouts and Service Learning in Agricultural Mechanics *2019 American Association of Agriculture Educators National Conference*
***Distinguished Innovative Award Winner**

Lund, R. & **Chumbley, S.B.** (2018) Building Agriculture Mechanics Projects for Career Success *2018 American Association of Agriculture Educators Western Region Conference*

Chumbley, S.B. (2018) Always Be Prepared: Service Learning in Agriculture Mechanics *2018 American Association of Agriculture Educators Western Region Conference*

Wells, T., Hainline, M.S. & **Chumbley, B.** (2018) Incorporating Fire Safety Training into Preservice Teacher Laboratory Safety Instructional Practices *2018 American Association of Agriculture Educators National Conference*

Chumbley, B., Russell, M. & Hainline, M (2017) Leadership and Service-Learning Projects to Inspire Underrepresented Students in Agriculture *2017 American Association of Agriculture Educators Western Conference*

Swafford, M & **Chumbley, S.B.** (2017) Using Pre-College Experiences to Increase College Access and Readiness for Underrepresented Students in Agriculture. *2017 American Association of Agricultural Educators Western Region Conference*

Chumbley, B., Langley, C. & Hainline, M. (2016) A Measure of Safety Climate in the University Agricultural Mechanics Lab. *2016 American Association of Agriculture Educators Western Conference* * **Winner Distinguished Research Poster**

Rhoades, R., **Chumbley, B.**, & Peace, S (2016) A Pre-Test/Post Test Assessment of Self-Regulated Learning in a Blended Agriculture Course *North American College Teachers of Agriculture National Conference*

Chumbley, B. & Swafford, M. (2016) Self-Regulated Science Learning Skills of Agriculture Dual Enrollment Students *2016 Proceedings of the American Association for Agriculture Educators National Conference*

Haynes, J.C., **Chumbley, B.** & Hainline, M (2016) Using the Bennett Mechanical Aptitude Test in the Post-Secondary Agriculture Mechanics Classroom *2016 Proceedings of the American Association for Agriculture Educators Southern Conference*

Chumbley, B., Hainline, M. & Haynes, C. (2016) Minority Post-Secondary Agriculture Majors Mechanical Aptitude and Critical Thinking Ability *2016 Proceedings of the American Association for Agriculture Educators Southern Conference*

Hainline, M. & **Chumbley, B.** (2015) Task Value and Critical Thinking of Online Agriculture Dual Enrollment Students *2015 Proceedings of the American Association for Agriculture Educators Western Conference*

Chumbley, B., Baldock, K., Martinez, A., Castro, D. & Lovitt, A. (2015) Teachers' Perceptions of Agriculture Dual Enrollment Courses *2015 American Association for Agriculture Educators National Conference*

Chumbley, B. (2015) Enhancing A State Agriculture Dual Enrollment Program *American Association for Agricultural Education Southern Region Conference*

Kiehne, M & **Chumbley, B.** (2014) FFA Membership and Public Speaking Anxiety *American Association for Agricultural Education Southern Region Conference*

Chesher, L., **Chumbley, B.** & Ritz, R. (2013) A Measure of Agriculture Student's Science Process Skills *American Association for Agricultural Education Southern Region Conference*

Kiehne, M., Chesher, L., **Chumbley, B.** & Russell, M (2013) A Measure of Agriculture Majors Public Speaking Anxiety *American Association for Agricultural Education Southern Region Conference*

Chesher, L. & **Chumbley, B.** (2013) Instructional Methods of Laboratory Safety *2013 American Association for Agriculture Educators Western Conference*

Chumbley, B & Chumbley, S (2013) Getting the Message Across: Pre-Service Teachers opinions of Prezi vs. PowerPoint *2013 American Association for Agriculture Educators National Conference*

Chumbley, B (2013) Barriers to New Mexico Teachers Offering Science Credit *2013 American Association for Agriculture Educators Southern Conference*

Chesher, L. & **Chumbley, B.** (2013) Personal Protective Equipment in the Agricultural Mechanics Laboratory *2013 American Association for Agriculture Educators Southern Conference*

Chumbley, B & Chesher, L (2013) Laboratory Safety: Instructional Methods of New Mexico Agricultural Science Teachers *2013 American Association for Agriculture Educators Southern Conference*

Chumbley, B. (2013) Enhancing Student Led Presentations Utilizing Prezi *2013 American Association for Agriculture Educators Southern Conference*

Russell, M; Reynolds, B; and **Chumbley, B.** (2013) County Extension Agents' Methods of Communicating 4-H and Extension Programs in Arkansas *2013 American Association for Agriculture Educators Southern Conference*

Russell, M; Brashears, T. & **Chumbley, B.** (2013) A Model for Workshop Planning, Implementation and Evaluation *2013 American Association for Agriculture Educators Southern Conference*

Chesher, L & **Chumbley, S.** (2013) Getting the Message Across: Student Opinions of PowerPoint and Prezi *2013 Agricultural Communications Section of the American Association for Agriculture Educators Southern Conference*

Chumbley, S & **Chumbley, B.** (2013) Postsecondary Agriculture Major's Opinion of PowerPoint vs. Prezi *2013 American Association for Agriculture Educators Southern Conference*

Russell, M; Reynolds, B; and **Chumbley, B.** (2012) County Extension Agents' Methods of Communicating 4-H and Extension Programs in Arkansas *2012 American Association for Agriculture Educators National Conference*

Chumbley, B. (2011) A Comparison of Teacher and Administrator Perceptions of Factors That Motivate Career and Technology Educators *2011 American Association for Agriculture Educators National Conference*

Wimmer, G., Meyers, C. and **Chumbley, B.** (2010) Effectiveness of Integrating Video Clips into the Secondary Agricultural Education Curriculum. *2010 American Association for Agriculture Educators National Conference*

Chumbley, B., Chumbley, T. & Hawkins, B (2010) Practices for Managing Animal Project Centers *2010 Southern Region American Association for Agriculture Educators Conference Poster Session*

Grants and Extramural Funding

Funded External Federal & Private Grants

(2022) AAAE Travel Support Grant Wells, K.T. & **Chumbley, S.B.** \$1,700

(2021) Go Start Now. Stanko, R., Nelson, S., **Chumbley, S.B.**, et al. USDA-HSI \$975,026

(2021) King Ranch Foundation Grant \$250

(2020) Teaching Agriculture Communications for Career Success (*TACCS*), USDA-NIFA-HEC. Rucker, J., **Chumbley, S.B.**, Graham, D., Miller, J. & Cox, C. \$296,674

(2020) Higher Education Agricultural Technology (*HEAT*) Training, USDA-NIFA-HEC. **Chumbley, S.B.** & Hainline, M. \$296,301

(2019) King Ranch Foundation Grant \$500

(2018) Wildlife Education & Sustainability Training (*WEST*) Program, USDA Higher Education Challenge Grant; **Chumbley, S.B.**; Conkey, A & Glasscock, S. \$299,271

(2018) Enhancing Agriculture Mechanics Education & Curriculum in Higher Education (Ag MECH Ed) USDA- Non-Land Grant College of Agriculture (NLGCA) **Chumbley, S. B.** \$147,574

(2018) Beyond WILD: Wildlife Ecology and Management Experiential Learning and Leadership Program, USDA-AFRI Professional Development of Secondary Teacher Education Program (PD-STEP) **Chumbley, B.**, Conkey, A. & Hilton, C. \$147,386

(2018) Curriculum Development for Wicked Problem-Solving Turner, B. PI, **Chumbley, S. B. (CO-PI)**, Wuellner, M., Rhoades, R. & Cortus, E. USDA Higher Education Challenge Grant \$288,500

(2017) King Ranch Foundation Mini Grant Application \$500

(2015) Sustainable Food Production Preparation and Education for the Prevention of Childhood Obesity and Experiential Learning for Undergraduates, USDA-HSI Grant: \$249,980. **Content Expert** (\$14,700)

(2014) United States Department of Agriculture Higher Education Challenge (HEC) Grant: Increasing College Access to Underrepresented Students through Dual Enrollment **Chumbley, S.B.** \$149,550

(2011) Project Learning Tree's *Greenworks!* Grant; Broz, C. & **Chumbley, B.** (CO-PI) \$3,000

(2009) San Antonio Livestock Exposition (SALE) Education Grant \$16,000

(2008) San Antonio Livestock Exposition (SALE) Education Grant \$10,000

Funded Internal Grants

(2021) Faculty Course Redesign, Undergraduate Research in Agricultural Mechanics, Title V Fostering Pathways to Success (FP2S). \$3,000

(2020) McNair Faculty Sponsor- Adan Martinez- Project: Enhancing Wildlife Education in AGED through Project WILD \$2,750

(2020) TAMUK Course Redesign Award \$2,500

(2019) McNair Faculty Sponsor- Miranda Ventura- Project: Enhancing Wildlife Education in AGED through Project WILD \$2,750

(2018) Swinging to Success in Service Learning -TAMUK University Service-Learning Grant \$6,320

(2018) TAMUK University Research Grant- Using 360 VR Video to Improve Student Learning \$10,090

(2017) Service Learning in Agriculture Mechanics, TAMUK Service-Learning Grant \$6,080

(2017) Texas A&M University-Kingsville Retention Grant \$550

(2016) Texas A&M University Kingsville Co-Curricular Service-Learning Project: Improving Undergraduate Leadership Skills Through Service Learning \$5,840

(2016) Increasing Students Agricultural Science Skills Through Service Learning, Texas A&M University-Kingsville Service-Learning Grant \$6,000

(2014) ENMU Internal Research Grant- Does Dual Enrollment Participation Increase Student Critical Thinking Ability? \$2,998

(2013) ENMU Internal Research Grant- Measuring the ENMU Student Teacher Co-Hort Level of Science Motivation \$3,000

(2012) ENMU Internal Research Grant- Benefits of Science Integration in New Mexico Agriculture \$3,000

(2011) ENMU College of Education and Technology Grant- Measuring Teachers' Ability to Integrate Science in Agriculture Education \$2,800

Service

Selected as ACUE educator training participant

Member- College Recruiting Committee

Chair Elect- American Association of Agricultural Educators (AAAAE) National Member Services Committee

PSJA ISD Advisory Council- Member of Career & Technology Advisory Council

Faculty Senate- Member & Chair of Elections Committee

Member/Chair- Member 2017 & 2018, 2019-'21 Chair University Library Committee

Committee Chair- Texas FFA State Degree Check- Star Greenhand Agribusiness & Star Chapter Production Committees

Co-Coordinator- State Agricultural Mechanics CDE

Coordinator- TAMUK Agricultural Mechanics Show (300 high school participants annually)

Editorial Committee- TAMUK Undergraduate Research Journal

Advisor- TAMUK Alpha Tau Alpha Agriculture Education Honors Student Organization & TAMUK Agriculture Mechanics Club

Co-Coordinator TAMUK Agriculture Leadership Symposium

Co-Coordinator Texas FFA Area X Leadership Development Events

TAMUK- Committee Member- university undergraduate research journal, university general education committee, College of Agriculture & Natural Resources Tenure and Promotion Committee, Department of Agriculture, Agribusiness and Environmental Science Ag Business faculty search committee

ENMU- Committee Member- Grade Appeal Committee Chair, Faculty Member Search Committee, University Technology Committee and Distance Education Committee

Presentation Facilitator- Regional and National AAAE conferences 2010- Present

Advisor- ENMU Collegiate FFA Student Organization 2011-2015

Agriculture Dual Enrollment Program Facilitator 2011 - 2015

*Coordinator-*Eastern New Mexico University Career Development Events 2011-2015

Coordinator- New Mexico FFA State Land Judging

Reviewer- Journal of Agricultural Education 2012- Present

Judge- San Antonio Livestock Show Junior Agriculture Mechanics Contest 2010-Present, Hays County Agriculture Mechanics Show 2017-2019, Fredericksburg Ag Mechanics Contest 2017-Present, Nueces County Ag Mechanics Show 2018-Present

Presenter- ENMU Bi-Annual Pre-Service Teacher Meeting 2010- Present

Co-Coordinator- TX Area I and II Agriculture Mechanics CDE Contest April 2010

Coordinator- Agriculture Mechanics CDE Training Workshop March 2010

Social Chair- Agriculture Education and Communications Graduate Organization Spring 2010- Spring 2011

Judge- FFA LDE and CDE Contests ranging from district to state levels in TX and NM Fall 2005 to Present

President- Texas A&M University Collegiate FFA 2004-2005

Advertising Editor- Agrileader Texas A&M University College of Agriculture Monthly
Publication Fall 2004