Home:

17852 Dixon Rd Marietta, OK 73448 (580) 222-5050 crellis@noble.org

EDUCATION:

Fellow, Enviropreneur Institute, Property Environment Research Center, Bozeman, MT. July 2014

M.S., Animal Science with an emphasis in Range Management; Angelo State University, San Angelo, Texas 76902. Graduated December 2001. Thesis: Persistence and Heritability of Juniper Consumption as a Biological Control by Goats.

B.S., Natural Resource Management with an emphasis in Wildlife Management; Sul Ross State University, Alpine, Texas 79832. Graduated May 1999.

Lohn High School, Valedictorian of graduating class, Lohn, Texas 76852. Graduated May 1995.

PROFESSIONAL EXPERIENCE:

May 17 – Present

Industry Relations & Stewardship, Manger, Noble Research Institute, 2510 Sam Noble Parkway, Ardmore, OK 73401

Provide leadership in partnership development and collaboration with partners on projects that are local to national in scale. Provide technical consulting services to agricultural producers, industry and other stewards of natural resources to achieve production, financial and quality of life goals through an integrated consultation process by assessing operations, identifying opportunities and limitations, recommending solutions, monitoring client progress as requested throughout the consulting engagement, and providing supportive educational opportunities.

<u>Technical Assistance:</u> I work directly with producers and industry corporations to provide technical assistance, research, conservation planning and the application of conservation practices to maintain or improve production while conserving the natural resources.

<u>Engagement:</u> I work closely with leadership in the development and coordination of interested parties to work on common priorities for advancing agricultural. Collaborate with other like-minded groups whose goals are to promote and enhance the vision of land stewardship. Facilitate and convene workshops and symposia to bring multi-stockholders together to develop and implement solutions.

<u>Pilot and Program Development:</u> Develop and collaborate with industry on solutions for conservation to scale.

-U.S. Beef Sustainability Pilot – Developed and delivered full value chain pilot with cow/calf producers, feed yards, Tyson, Golden State Foods, and McDonalds. 2017-2019

-Land Stewardship Program Pilot – Quantifying and valuing land stewardship with 14 producers in Oklahoma and Texas with over 75,000ac. 2018-Present

-Texoma Pilot of Ecosystem Service Market Consortium, Protocol development, 2019

-McDonalds Flagship Farmer – Develop and oversight of Flagship Farmer Program in the United States

-Beef Sustainability Self-Assessment Tool – Developed sustainability self- assessment tool for full beef value chain.

<u>Research:</u> Conduct basic research on land use changes and other drivers affecting private lands. Conduct applied research that serves to inform proper stewardship practices by quantifying and valuing land stewardship.

<u>Education:</u> Train future natural resource leaders and practitioners in the principles and practices of private land stewardship. Develop education materials that inform producers on concepts and practices.

July 14 – May 16 **Center for Land Stewardship, Manager,** The Samuel Roberts Noble Foundation, 2510 Sam Noble Parkway, Ardmore, OK 73401

Provide leadership of the Agriculture Division's Center for Land Stewardship (CLS). Coordinate and administer the Noble Foundation efforts with the Center for Private Lands Stewardship (CPLS) to advance collaboration for purposeful outcomes. Provide input and assistance to the Centers of Excellence and Producer Relations programs and Noble Foundation Initiatives. Coordinate development efforts involving "projects" pertaining to cooperator needs and collaborative efforts (consulting, education, advocacy and research). Lead in the development and dissemination of symposia and training of future natural resource leaders.

<u>Technical Assistance:</u> I work directly with producers and industry corporations to provide technical assistance, research, conservation planning and the application of conservation practices to maintain or improve production while conserving the natural resources.

<u>Research:</u> Conduct basic research on land use changes and other drivers affecting private lands. Conduct applied research that serves to inform proper stewardship practices.

<u>Education:</u> Train future natural resource leaders and practitioners in the principles and practices of private land stewardship. Develop education materials that inform producers on concepts and practices.

July 12 – July 14

Range and Pasture Consultant, The Samuel Roberts Noble Foundation, 2510 Sam Noble Parkway, Ardmore, OK 73401

I provide leadership and technical assistance with emphasis in rangeland and pastureland to land owners, managers, and professionals within the southern Great Plains. Also, provide leadership in partnership development and collaboration with partners on projects that are local to national in scale.

<u>Technical Assistance:</u> I work directly with producers to provide technical assistance, conservation planning and the application of conservation practices to maintain or improve production while conserving the natural resources.

<u>Partnership Development:</u> I work closely with leadership in the development and coordination of interested parties to work on common priorities for advancing agricultural.

March 10-July 12

Rangeland Management Specialist-GLCI, GS-13, USDA Natural Resources Conservation Service, 501 W. Felix St., Building 23, Fort Worth, TX 76115

I provided leadership, technology development, and technical assistance with emphasis in rangeland, pastureland, forestland, with wildlife and livestock planning throughout 15 States in the Central Region.

<u>Conservation Planning – Policy:</u> I have developed National Practice Standards, Statement of Work, Specifications and Job Sheets for (Prescribed Grazing, Prescribed Burning, Herbaceous Weed Control, Brush Management, etc.) I have also written policy for ESD and FSGD in the NRPH. Developed policy and procedures for Range and Pasture NRI.

<u>Development of Technology:</u> I have developed a process to quickly and accurately develop FSGD and added this into Ch.3, sect2, NRPH. Have been on numerous teams (GRAS, Inventory, Monitoring, Resource Assessment) with the development of Conservation Delivery Streamline Initiative. Helped develop ESD development and training of National Soil Ecology Group.

<u>Training:</u> A member of the Interpreting Indicators of Rangeland Health Quadra training BLM, USFS, USGS, ARS, NRCS, USFWS, and NGOs in Rangeland Health. A member of the National NRI training group training States in all aspects of the science study. Provide technical assistance and training to NRCS State requests within the Central Region.

<u>Partners:</u> Work with NGOs, Archbold Research Station, Tall Timbers Research, ARS, BLM, USFS, Universities, USGS, GLCI on range and wildlife restoration and projects.

<u>Programs:</u> On numerous teams with O&E on studies of conservation planning and program delivery. Helped with Sage Grouse and Lesser Prairie Chicken Initiatives in EQIP. Helped write CSP enhancements for grazing and wildlife.

July 07-March 10

State Rangeland Management Specialist-GLCI Coordinator, GS-12, USDA Natural Resources Conservation Service, 2416 NW 43rd St., Gainesville, FL 32606

I provided leadership in ecological sciences with emphasis in rangeland, pastureland, forest, wildlife and conservation planning throughout the state. Also, coordinate and lead partnership development within the Grazing Lands Conservation Initiative grassroots effort for private land owners.

Programs: I have developed the prescribed grazing incentive for EQIP. An addition to the incentive I have developed all support documents and policy for guidance to implement this practice for cost-share. I have developed an upfront application sheet that the customer reads and signs during the sign-up that lays out what NRCS and what the customers is responsible for the length of the contract. This new way of thinking of upfront documentation has been very appreciative from the field and customers. I also assist programs with guidance and development of cost lists, eligible practices, etc. for all programs (EQIP,CSP, GRP,WHIP,WRP,FRPP). I have helped develop CSP guidance and ranking for wildlife and grazing systems. I am also responsible for all grazing and management practices (mowing, haying, brush management, etc.) CUA's for the WRP program. I am also the lead Biologist on the WRP ranking team; which ranks eligible WRP applications. I develop all grazing plans for WRP and GRP contracts. I work with the field to develop tools to help them in CTA, WHIP, EQIP, CSP, GRP and WRP programs.

Partners: I work closely with GLCI and Florida Grazing Lands Coalition (FGLC). As GLCI coordinator for the state I have developed a contribution agreement with FGLC and Treasure Coast RC&D for outreach of grazing management. This project had been very successful with education and research in grazing management for all producers small or large. I am advisor for the Florida Cattleman Association, ARS and University of Florida Extension in technical research and development. I have helped developed numerous publication and research projects with UF. I am also very active and advise Florida A&M University in there research for small scale producers. I also have given training and advice Florida Fish and Wildlife Commission on their grazing policy. I have worked with Florida Department of Agriculture (FDACS) in the development of the cow-calf and equine Best Management Practices (BMP's). I am also an active committee member of the North Florida Fire Council and the South Florida Fire Council.

<u>Conservation Planning/Policy</u>: I write the ecological site descriptions (ESD) and forage suitability groups (FSG) to assist the field in conservation planning. I also develop supplements and tools for the field to use

(pasture condition sheet, range health check sheet, grazing record books, grazing sticks, economic tools). I also provide guidance and training on GSAT for animal plant balance. Develop technical standards and specifications and provide guidance in field office technical guide.

Training: I provide all 4 areas in the state to NRCS employees and district employees in grazing and wildlife conservation planning training. I provide ProTracts training to the areas in the use of reports for time management. I provide input in Tech Guide Committee meetings. I have trained the state in GSAT and also provide NHQ on the development of the tool as representative for the southeast. I hold quarterly range and grazing specialist workshops to provide training and leadership to achieve NRCS business plan.

Dec. 05-July 07

Resource Team Leader (DC), GS-12, USDA Natural Resources Conservation Service, 300 S. Phelps, Alpine, TX 79830.

I supervise portions of 4 counties covering over 9 million acres. I work directly with team staff members to assure NRCS mission and goals are achieved. Also work closely with other partners (FSA, SWCD, TSSECB, RC&D Councils, NPS, TPWD) to obtain these goals.

Rangeland: I have assisted over 65+ ranches in planning and applying management systems. I have assisted landowners in the instillation of over 85 miles of fence, 16 water storage facilities, 80 miles of pipeline, and over 60,000ac of brush management both chemically and mechanically. I have helped the soil survey crew for MLRA 42 with ESD's and have been on the team to determine ecological region boundaries. I have also, helped the soil survey party for Presidio county as the range specialist on current details. I have contributed with RC&D in writing a Trans-Pecos Plant Book containing 250 plants to be published in the next year. I have helped RC&D and ARS with Salt Cedar Project to release beetles along the Rio Grande River and Balmorhea in July. I have been guest lecture at Sul Ross State University and Angelo State University in Range Ecology and Range Management classes including over 100 students.

<u>Programs:</u> I have assisted cooperators applying for conservation programs (EQIP, WHIP, CRP, CSP, GRP, and CCRP) I have assisted over 100+ EQIP applications, 60+EQIP Contracts, 8+CCRP contracts, 1 CSP and 1 GRP contracts. I have also, have assisted with Conservation Technical Assistance (CTA) with writing over 50 individual plans and assisting with over 275 individual conservation practices. I started the Pronghorn Initiative in EQIP to address the concerns of habitat and management dynamics of the pronghorn.

Supervision: I have provided individual training and mentoring to both NRCS and SWCD employees. I have effectively overseen, coordinated and guided a team of 5+ individuals in providing accurate planning and application of conservation measures. Each year we have obtained and exceeded our goals of 190,000+ac in conservation plans written, 400,000+ac conservation applied to improve water quality, 240,000+ac grazing and forest land with

conservation applied, and 580,000+ac of Non-federal land with conservation applied to improve wildlife habitat.

Oct. 03-Dec. 05

District Conservationist, GS-11, USDA Natural Resources Conservation Service, 501 S. Ann St., Brackettville, TX 78832.

I work directly with producers to provide technical assistance, conservation planning and the application of conservation practices to maintain or improve production while conserving the natural resources. I work directly with FSA, SWCD, LWG, PDG and TSSWCB to accomplish these goals.

Rangeland: I have assisted 50+ ranches in planning and applying management systems. I have assisted ranchers in the instillation of over 100 miles of fence, 10 water storage facilities, 40+ troughs, 25 miles of livestock pipeline, and over 25000+ acres of brush control (chemical & mechanical). I was the primary Rangeland Management Specialist for the CSP (San Ambrosia watershed) stretching from Laredo to Eagle Pass. I have been the Team Leader for NRI for NRI in Maverick County. I have also, helped develop the State – Transition Models for MLRA 42. I was the Team Leader for field work on ESD for MLRA 42.

<u>Cropland:</u> I assisted with two center pivots and irrigation water management for both. I surveyed cropland fields using the Trimble Total Station GPS. I processed the survey data through Blowup95 and then into ArcView to generate contour maps or to design conservation practices. I have also; gained experience in CRP; planning grass mixes, brush control, and appraisals. In addition, the planning of total resource management systems on cropland has included the planning, designing, supervising installation and certification of sound conservation practices. Conservation practices planned and installed include underground irrigation pipelines, drip irrigation, center pivots, waterways, terraces, and filterstrips.

<u>Programs</u>: I have assisted cooperators applying for conservation programs (EQIP, WHIP, CRP, CSP, GRP and CCRP), and assisted with 100+ EQIP application, 50+ EQIP Contracts, 24 CCRP applications, and 2 CSP Contracts within 2003-2004.

July 02-Oct. 03

Rangeland Management Specialist, GS-9, USDA Natural Resources Conservation Service, 3514 Devonian Dr, San Angelo, TX 76903.

Rangeland & Cropland: I have worked directly with cooperators to develop conservation plans and to suggest practices and procedures needed to maintain and improve the natural resources affected by the operation. I have performed surveys using the Trimble Total Station GPS and Garmin Map76 on over 10,000 acres. I have worked heavily with CCRP with riparian buffers, filter strips and water ways. I have processed data through Arcview to generate maps and designs for conservation practices (livestock pipelines, mech. & aerial brush control,

center pivot irrigation systems, drip irrigation, filter strips, waterways, and riparian buffers).

<u>Programs</u>: I have assisted cooperators applying for conservation programs (EQIP, WHIP, CRP, 503WQ, GRP and CCRP), and assisted with 580 EQIP application, 82 CCRP applications within 2002-2003.

Jan 00-Dec 01

Research Assistant, Department of Agriculture, Angelo State University, Box 1088 ASU Station, San Angelo, TX 76902.

<u>Research</u>: Assisted in research of juniper, bitterweed, genetics, livestock feeding and breeding trials.

<u>Livestock</u>: Assisted in handling and working of livestock, research, and breeding.

<u>Deer</u>: Assisted in research of genetics and e-coli, guiding of hunters, maintained feeders and stands, monitoring and baseline.

<u>Baseline Inventory</u>: Conducted spotlight counts and helicopter surveys, vegetation transects.

<u>Range</u>: Conducted brush management control projects, prescribed burning, vegetation monitoring, and research.

May -Oct 99

Seasonal Wildlife Biologist, Kerr Wildlife Management Area, Texas Parks and Wildlife Department, Route 1, Box 180, Hunt, TX 78024.

<u>Deer Research</u>: Assisted in handling, tagging, scoring, and sexing of a pedigreed white-tail deer herd.

Black-Capped Vireo: Assisted in census counts.

Cattle: Assisted in rotating, feeding, working, and fencing.

Trapping: Trapped hogs and cow birds.

<u>Baseline Inventory</u>: Conducted small and large mammal counts, and vegetation transects.

Mexican Free-tailed Bats: Assisted in tagging, sexing, and research on Old Tunnel WMA.

Jan - May 99

Teacher Assistant (TA), Wildlife Techniques, Sul Ross State University, P.O. Box C-110, Alpine, TX 79832.

Demonstrated wildlife techniques and importance of their application. Assisted in research and administration for professor.

Jan-May 99

Wildlife Assistant, Black Gap Wildlife Management Area, Texas Parks and Wildlife Department, HC 65, Box 433, Alpine, TX 79830.

Supervisor: Dr. Louis Harvison & Bonnie McKinney (915)837-8600.

<u>Baseline Inventory</u>: Assisted in the construction of herp-arrays, monitoring of vegetation and small mammals.

<u>Guzzler Project</u>: Aided Bighorn Sheep Society and Texas Parks and Wildlife Department with two guzzlers and four slicks.

May – Aug. 98 **Seasonal Wildlife Biologist,** Gene Howe Wildlife Management Area, Texas Parks and Wildlife Department, Rt. 3 Box 19, Canadian, TX 79014.

<u>Russian-olive Control:</u> Assisted in cutting and application of herbicide to russian-olives on research project.

<u>Baseline Inventory:</u> Developed and maintained herp-arrays, live traps, bird surveys, and vegetation transects.

<u>Monitored Burrowing Owl:</u> Monitored burrowing owls for radio collaring young. <u>Spotlight Census</u>: Assisted in spotlight counts of mule deer / white-tail deer.

Oct. 97 - 01 **Wildlife Assistant**, Kerr Wildlife Management Area, Texas Parks and Wildlife Department Rt. 1, Box 180, Hunt, TX 78024.

<u>Deer Research:</u> Assisted in handling of deer by giving vaccinations, ear tagging, sexing fawns, taking blood, weight, and sawing off antlers.

1997 – 1999 **Ranch Assistant,** (O2, Bar Light, Black Mesa Ranches), 375,000Acres, Alpine TX 79830.

Ranch Management: Assisted in cattle feeding, rotation, and vaccination, fence repair, pipeline installation, and vegetation monitoring and removal.

Predator Control: Assisted in trapping and removal of predators.

1996 - 1997 **Wildlife Assistant**, Elephant Mnt. Management Area, Texas Parks and Wildlife Department, HC 65, Box 80, Alpine, TX 79830.

<u>Spotlight Census:</u> Assisted in spotlight counts of mule deer, white-tail deer, javelina, and pronghorn.

<u>Creosotebush Management:</u> Assisted in a study of manual removal of creosotebush <u>Larrea tridentata</u>.

<u>Guzzler Project:</u> Aided Bighorn Sheep Society and Texas Parks and Wildlife Department in establishment of two guzzlers.

1994 - 1996 **Ranch Assistant**, Reed Ranch, Lohn Texas 76852.

Ranch Management: Assisted in cattle and sheep vaccination, fence repair, planting and harvesting of wheat and oats, and vegetation monitoring and removal.

<u>Predator Control:</u> Assisted in trapping and removal of predators.

1993 - 1995 **Ranch Assistant**, Walker Ranch, Lohn Texas 76852.

<u>Ranch Management:</u> Assisted in cattle vaccination, fence repair, transferring of irrigation system, and monitoring and feeding of white-tail deer.

<u>Predator Control:</u> Assisted in trapping and removal of predators.

OTHER EXPERIENCE:

1996 - 2010 Texas Hunter Safety Instructor

Teach students the importance of safety and ethics while hunting.

1998 - 2010 **Project Wild**

Teach students the importance of wildlife and their role in our ecosystem.

May 93 – Aug. 95 Sales Manager, Guide, The Sportsman, Lake City, Colorado.

Sales Manager: Assisted in sales and purchasing of hiking, camping, and fishing

supplies. Maintained rentals and equipment for the store and customers.

Guide: Guided fly fishing trips and taught fly fishing lessons.

HONORS AND AWARDS:

Outstanding Young Professional for the Society for Range Management, 2014

Outstanding Alumni, Angelo State University, 2010-2011

Outstanding Young Professional of Texas Section Society for Range Management, 2010

Certificate of Merit, FY2008

Certificate of Merit, FY2006

Certificate of Merit, FY2005

Certificate of Merit, FY2004

Certificate of Merit, FY2003

Distinguished Graduate Student of College of Sciences, ASU, 2001.

Graduate Student of The Year, Animal Science Dept., ASU, 2001.

Texas Chapter of The Wildlife Society Scholarship, 1999.

Texas Parks and Wildlife Department Expo Scholarship, 1998.

Who's Who, 1999.

Dean's List, Sul Ross State University, 1995-1999.

PROFESSIONAL SERVICES:

Organizations:

National Grazing Lands Coalition

Texas Grazing Lands Coalition

Oklahoma Grazing Lands Coalition

Kansas Grazing Lands Coalition

National Cattleman Beef Association

US Roundtable for Sustainable Beef

Oklahoma Prescribed Burn Association

Oklahoma Wildlife Association

Societies:

Society for Range Management Texas Section Society for Range Management Oklahoma Section for Range Management

Florida Section Society for Range Management American Forage and Grassland Council The Wildlife Society Oklahoma Chapter of The Wildlife Society Soil Water Conservation Society Ecological Society of America

Activities:

Advisor for Conservation, National Agricultural Research, Extension, Education, and Economic for USDA, for Sec. Purdue, 2018-Present

Chairman, National Grazing Lands Coalition, 2015-Present

Executive Committee Member, Ecosystem Service Market Consortium, 2017-Present

Board Member, International Consortium for Anti-Microbial Stewardship in Agriculture (ICASA), 2019 - Present

Board Member, US Roundtable for Sustainable Beef, 2015-Present

Advisor, Soil Health, Foundation Food Ag Research (FFAR), 2016-Present

Board Member, Sustainable Rangeland Roundtable, 2015-Present

Committee Member for NCBA Environmental Stewardship Award Program, 2019-Present

Science Advisor, Gulf Coast Prairie LCC, 2015-Present

Advisor, OKA Institute, 2016-Present

Chair, Society for Range Management, GLCI Committee, 2013-2015

Steering Committee Member, National Grazing Lands Coalition, 2015-Present

Vice Chair, Society for Range Management, GLCI Committee, 2012-2013

Advisor, Texas Grazing Lands Conservation Initiative, 2010-Present

Advisor, Kansas Grazing Lands Coalition, 2010-Present

Advisor, Oklahoma Grazing Lands Coalition, 2010-Present

Director, OK Society for Range Management, 2012-Present.

Director, OK The Wildlife Society, 2013.

Annual Meeting Chair, Texas Section SRM Meeting in Ft Worth, 2013.

Committee member of the North Florida Fire Council, 2008-2010

Board of Directors, Florida Section for Range Management, 2007-2010

Annual Meeting Chair, Texas Section SRM Meeting in Del Rio, 2006.

Member, Trade Show Committee and Local Arrangements, National Meeting, Society for Range Management, Fort Worth, 2005.

Chair, Photo Contest, Texas Section SRM Meeting held in Kerrville, 2004.

Vice President, Sul Ross Chapter of the Wildlife Society and Range & Wildlife Club, 1997-

1999.

Member, Student Affairs Committee, Texas Chapter of The Wildlife Society, 96/97.

Secretary, Sul Ross Chapter of the Wildlife Society and Range & Wildlife Club. 1996.

Treasure, Sul Ross Chapter of The Wildlife Society and Range & Wildlife Club, 1995.

Education Delivery:

<u>Developed and Delivered</u>: Natural Resources Conservation Service – National Education Development Center, Working Effectively with Livestock Producers, 5-Day Course, 2013 - Present

<u>Developed and Delivered</u>: Natural Resources Conservation Service – National Education Development Center, Plant Herbivore and Interaction, 5-Day Course, 2013 – Present

<u>Developed and Delivered</u>: Natural Resources Conservation Service – National Education Development Center, Rangeland Ecology, 5-Day Course, 2013 – Present

Developed and Delivered: Sustainability action Tour for McDonalds, 2016

Developed and Delivered: King Ranch Institute for Ranch Management, Grazing Lectureship,

4-day workshop, 2018

Presentations & Publications:

Ellis, C.R. (2017). Farmers, ranchers must share their ag stories. Ag News and Views, 33 (12), 3.

Ellis, C.R. (2016). Producers make important contributions to useable science. *Ag News and Views*, 34 (10), 7.

Derner, J. D., Ellis, C.R. & Stanley, C. (2016). Usable Science: Soil Health. *Rangelands*, 38 (38), 64-67 doi:10.1016/j.rala.2015.10.010.

Tanaka, J. A., Maczko, K. A., Hidinger, L. A. & Ellis, C.R. (2016). Usable Science for Sustainable Rangelands: Conclusion. *Rangelands*, *38* (2), 90–95 doi:10.1016/j.rala.2016.02.007.

Maczko, K. A., Hidinger, L. A., Tanaka, J. A. & Ellis, C.R. (2016). A Workshop on Future Directions of Usable Science for Rangeland Sustainability. *Rangelands*, *38* (2), 53-63 doi:10.1016/j.rala.2016.02.006.

Ellis, C.R. (2015). New initiative supports land stewardship. Ag News and Views, 33 (2), 5.

Ellis, C.R. (2015). Online tool makes grazing record-keeping more productive. *Ag News and Views*, 33 (7), 4.

Ellis, C.R. (2015). New center fosters collaborations for land stewardship. *Ag News and Views*, 33 (10), 1-2.

Funderburg, E. & Ellis, C.R. (2015). Pasture improvement considerations. *Progressive Cattleman*, 5 (3), p. 26-27.

Stevens, R. L. & Ellis, C.R. (2014). Key steps facilitate formation of associations. *Ag News and Views*, 32 (4), 2-3.

Ellis, C.R. (2014). Monitoring pastures assists sustainable management. *Ag News and Views*, *32* (5), 4.

Ellis, C.R. (2014). Grazing management benefits cattle and deer. Ag News and Views, 32 (10), 6.

Ellis, C.R. (2013). Five basic principles increase soil health. Ag News and Views, 31 (10), 4.

Ellis, C.R. (2013). Grazing event provides opportunity. Ag News and Views, 31 (5), 2.

Ellis, C.R. (2012). Phone app provides soils data in the field. Ag News and Views, 30 (12), 7.

Presented "Empowering and Amplifying the Producer Voice" Global Roundtable for Sustainable Beef- Communication Summit, 5/22/19

Presented "Ecosystem Services Market " National Association Conservation Districts 2019 annual Conference. 2019

Presented "Sustainable Beef Panel" Sustainability Ag Summit. 2018

Presented "Building Soil Health with Grazing Management" Society for Range Management. Orlando, FL. 2014.

Presented "Understanding Pastureland's Role in Ecological Sites with Forage Suitability Group Descriptions" Society for Range Management. Spokane, WA. 2012.

Presented "Use of Multivariate Analysis to Develop Forage Suitability Groups" The Fourth National Conference on Grazing lands, Reno, NV, Dec. 2009.

Presented "Use of Multivariate Analysis to Develop Forage Suitability Groups" American Forage and Grassland Council, Grand Rapids, June 2009.

Presented "Diversity the Key to Sustainability" Society for Range Management, Albuquerque NM, 2009.

Published "Grazing Management During Drought" The Florida Cattlemen and Livestock Journal, Jan. 2008.

Presented "Potential EQIP Priority for Pronghorn in the Trans-Pecos" Pronghorn Symposium, Alpine, Texas, Aug. 2006.

Published "Sire Influence on Juniper Consumption by Goats" Rangeland Ecology & Management, Volume 58, Number 3, May 2005.

Presented "Remedy RTU Effectiveness" Grazing Land Conservation Initiative (GLCI), Nashville TN, 2003.

Presented "Sustainable Juniper Management" Society for Range Management, Casper WY, 2003.

Published "Sustainable Juniper Control Through the Use of Goats" Homesteader's Connection, May/June issue, 2002.

Published "Persistence and Heritability of Juniper Consumption by Goats" Angelo State University,

Progress Report, Pub. No.R-9, Sept. 2002.

Published "Efficacy and Cost of the Stem and Leaf Spray Techniques on the ASU Ranch" Angelo State University, Progress Report, Pub. No.R-9, Sept. 2002.

Published "Physiological Mechanisms to Avoid Bitterweed Toxicity by Sheep" Angelo State University, Progress Report, Pub. No.R-9, Sept. 2002.

Presented "Sustainable Juniper Management in West Central Texas" Society for Range Management, 2001.

Thesis: "Persistence and Heritability of Juniper Consumption as a Biological Control by Goats" Angelo State University, 2001.

Presented "Cut-Stump Treatment on Russian-olives on the Gene Howe Wildlife Management Area." Society for Range Management, 1998.

COMMUNITY SERVICES:

Committee Member: Pastor/Staff-Parish Relations Committee, First United Methodist Church, Ardmore, OK – 2019-2021

Volunteer – Eastman Volunteer Fire Department, Marietta, OK 2012 – Present

Volunteer/Leader – 4-H Love Co, Marietta, OK 2018-Present