



# **2018 Texas Section Society for Range Management Annual Meeting**



## **Land Stewardship: Rangelands Providing for Society**

### **Tuesday, October 9th**

6:00pm-8:00pm Board of Directors Meeting – MCM\*\* Heritage Center Room

### **Wednesday, October 10th**

8:30am-11:30pm NRCS/Extension Training- NRHC\* John Anderson Room  
8:00am-12:00pm Trade Show Set Up – Atrium, MCM Elegante Hotel & Suites  
12:00pm-8:00pm Registration  
12:00pm-1:00pm Lunch - NRHC  
1:00pm-4:15pm Opening Session-Ranching Heritage Past and Present – NRHC John Anderson Room  
4:30pm-6:30pm Trade Show – Atrium, MCM Elegante  
4:30pm-5:30pm Business Meeting – MCM, South Plains Conference Center  
6:30pm-10:00pm Welcome Mixer/Mentoring Event – MCM, South Plains Conference Center

### **Thursday, October 11th**

6:30am-7:30am Young Professional's Breakfast – MCM, Heritage Center Room  
8:00am-5:00pm Trade Show - Atrium  
8:00am-5:00pm Registration  
8:00am-11:30am General Session I - MCM, South Plains Conference Center  
8:30am-10:00am Collegiate Plant ID Contest – MCM Heritage Center Room  
-Plant ID Contest Grading – 2<sup>nd</sup> Floor Board Rooms  
10:30am-4:30pm Student Posters on Display – Foyer Area  
8:00am-11:00am Membership Plant ID Contest – MCM Atrium  
10:00am-11:00am URME Contest – MCM Heritage Center Room  
-URME Contest Scoring – 2<sup>nd</sup> Floor Board Rooms  
11:30am-1:00pm Awards Luncheon – MCM, South Plains Conference Center  
1:00pm-4:30pm General Session II – MCM, South Plains Conference Center  
1:00pm-4:00pm Student Poster Competition - Judging  
5:30pm-6:30pm President's Reception –MCM, South Plains Conference Center  
6:30pm-10:00pm Awards Banquet & Dance – MCM, South Plains Conference Center

### **Friday, October 12th**

6:30am-7:30am Past President's Breakfast – MCM, Heritage Center Room  
8:30am-12:00pm Technical Session– Drone use in agriculture – TTU Range Area\*\*\*

\*National Ranching Heritage Center (NRHC) – 3121 Fourth St., Lubbock, TX 79409

\*\*MCM Elegante Hotel & Suites – 801 Ave Q, Lubbock, TX 79401

\*\*\* TTU Native Rangeland – 4383-4211 Erskine St, Lubbock, TX 79415



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## **Tuesday, October 9<sup>th</sup>**

6:00 pm – 8:00 pm Board of Directors Meeting

## **Wednesday, October 10<sup>th</sup>**

### **NRCS/Extension Training – Presented by: The Noble Research Institute**

*Reflecting on Practice: Pathways to Effective Engagement*

8:30am-11:30am Learning new ways to effectively engage land managers. Using the latest research in learning to develop field days, trainings, and conferences to educate producers and agency employees. (Brook Gaskamp, Noble Research Institute)

11:30pm-1:00pm Chuck Wagon Lunch

### **Opening Session –**

*Ranching Heritage Past and Present*

1:00pm-1:30pm Ranching Heritage Past and Present  
(Jim Bret Campbell: Executive Director, Ranching Heritage Center)

1:30pm-1:45pm RHC Reclamation Projects (Rhett Kerby, Bamert Seed Company)

1:45pm-3:15pm East Foundation 3MT® competition

3:15pm-4:15pm Ranching Heritage Center Tours

4:30pm-5:30pm Business Meeting (MCM, South Plains Conference Center)

4:30pm-6:30pm Trade Show (Atrium, MCM Elegante)

6:30pm-10:00pm Welcome Mixer/Mentoring Event – MCM, South Plains Conference Center



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## **Program Agenda**

### **Thursday Morning, October 11<sup>th</sup>**

#### **General Session I –Land Stewardship Sponsored by Corteva Agriscience**

*Moderator – Troy Reinke*

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|-----------------|---|
| 8:00am-8:10am   | Welcome – Michael Willson: Annual Meeting Co-chair<br>Prayer – Dr. Wayne Hanselka<br>Presentation of Colors – Texas Tech ROTC<br>Pledge – Michael Wilson  |
| 8:10am-8:15am   | Welcome to Lubbock: Visit Lubbock CEO – John Osborne  |
| 8:15am-8:45am   | <i>Corteva Overview</i> (Dr. Charlie Hart, Corteva Agriscience)   |
| 8:45am-9:00am   | <i>Comparison of Seasonal Prescribed Burning effects on Forage Production and Composition of Gulf Cordgrass Communities</i> (Jose S. Avila Sanchez, Texas A&M University - Kingsville) Don Pendleton Presentation |
| 9:00am-9:30am   | <i>What is Land Stewardship</i> (Dr. Neal Wilkins, President and CEO, East Foundation)  |
| 9:30am-9:45am   | <i>Livestock Grazing Effects on Scaled Quail and Grassland Bird Abundance and Diversity in the Chihuahuan Desert, Texas</i> (Kaitlyn Williams, Sul Ross State University) Don Pendleton Presentation              |
| 9:45am-10:15am  | <i>What Does the Climate Hold for Agriculture and What Does it Mean</i> (Dr. Mark Shafer, Director, Southern Climate Impacts Planning Program)  |
| 10:15am-10:30am | Break   |
| 10:30am-10:45am | <i>Habitat Based Probability Distribution Model for Desert Bighorn Sheep</i> (Carlos Gonzales, Sul Ross State university) Don Pendleton Presentation  |

10:45am-11:15am *The Ecological Significance of Fire on the Texas Landscape* (Dr. Morgan Russell, Texas A&M Agrilife Extension)

11:15am-11:30am *Landscape Evaluation of a Managed Pyric Disturbance Regime: A Case Study Texas Coastal Prairie Rangeland* (Phillip Steigerwald, Texas A&M University) Don Pendleton Presentation

**11:30am-1:00pm Awards Luncheon**

### **Thursday Afternoon, October 11<sup>th</sup>**

#### **General Session II – Data, Economics of Land Stewardship, & Ranchers Perspectives: Sponsored by Corteva Agriscience**

*Moderator – Alex Smith*

1:00pm-1:15pm *Cattle Grazing and Forb Production for White-tailed Deer can be Compatible* (Dillan Drabek, Texas A&M University - Kingsville) Don Pendleton Presentation

#### **This Hour Sponsored by Maia Grazing**

1:15pm-2:15pm *Data Driven Grazing Decisions: The Role of Accessible Tech to Scale Grazing Innovation* (Bart Davidson, Director Product Development, Maia Grazing)

2:15pm-2:30pm *Developing Habitat Suitability Models for Eastern and Rio Grande Wild Turkeys in Northeast Texas* (Darrion Crowley, Texas A&M University - Kingsville) Don Pendleton Presentation

2:30pm-2:45pm Break

2:45pm-3:15pm *Ecosystem Services Markets and the Opportunities for Land Managers* (Gary Price, 77 Ranch, Blooming Grove, TX)

3:15pm-3:30pm *Quail Habitat Restoration in Areas Dominated by Non-Native Grass* (Ellart Vreugdenhil, Texas A&M University - Kingsville) Don Pendleton Presentation

3:30pm-4:00pm *Land Stewardship: A Land Managers Perspective* (Frank Price, Frank and Sims Price Ranch)

4:00pm-4:15pm *Bermudagrass Control and Restoration of Native Prairie for Northern Bobwhites* (Anthony Falk, Texas A&M University - Kingsville) Don Pendleton Presentation

**5:30pm-6:30pm President's Reception –**

**6:30pm-10:00pm Awards Banquet and Dance –**



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## **Technical Tour**

### **Friday, October 12<sup>th</sup>**

Technical Session – Texas Tech\*\*\* (Advances in Geospatial Technologies: New tools, new questions. – Dr. Humberto Perotto-Baldivieso, Dr. Carlos Portillo, Dr. Robert Cox).

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| 8:30 am  | From the box to image analysis: on-site demonstration of an unmanned aerial system; by Carlos Portillo, Humberto Perotto, and Matthew Jackson (Texas Tech University). |
| 9:50 am  | Quick carbon: Tools for tomorrow, today; by Jeff Goodwin (Noble Research Institute).   |
| 10:10 am | Return to hotel and break  |
| 10:40 am | Improving analytics for forage and livestock risk management using remote sensing, simulation models, and statistical forecasting; by Bill Fox (Texas A&M Agrilife).   |
| 11:00 am | Optimizing brush removal plans with GIS and remote sensing; by Candace Weeda (Texas A&M University-Kingsville):  |
| 11:20 am | Using GPS collars and daily NDVI images to assess grazing spatial dynamics; by Chase Walther (Texas A&M University-Kingsville).  |
| 11:40 am | Discussion session   |
| 12:00 am | Concluding remarks: Carlos Portillo (Texas Tech University)  |

\*\*\* TTU Native Rangeland – 4383-4211 Erskine St, Lubbock, TX 79415 Field demonstration. – Oral presentations .....