**2018 Agricultural Sciences(AgSciences) Seminar Series at Cropping Systems Research Laboratory (CSRL), USDA, ARS, Lubbock, TX**

**Venue: Main Conference Room, CSRL, USDA, ARS, 3810 4th St., Lubbock, TX**

**Time : 10 -11 am (please see announcement for change in time in special cases)**

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| **Date** | **Speaker/Affiliation** | **Title of Seminar** | **Host (s)** |
| Jan.10, 2018 | **Dr. Michael Bange**Cropping Systems Agronomist Integrated Cotton Management GroupCSIRO Agriculture Australia | **Cotton Physiology: Meeting the Challenges of the Future** | Dr. Paxton Payton |
| Feb. 6, 2018 | **Dr. Robert Lascano**Research Leader, Wind Erosion & Water Conservation Unit, CSRL, USDA, ARS | **Evapotranspiration: Evaporation of Water from Soils and Crops** | Dr. Gloria Burow |
| Feb. 20, 2018 | **Dr.James Mahan**Plant Physiologist,Plant Stress & Germplasm Development Unit, CSRL, USDA, ARS | **A 21st century “Raingrown Cotton Production System” for the Southern High Plains. Why it’s needed… what it needs.** | Dr. Paxton Payton |
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| Mar. 20, 2018 | **Dr. Steve Evett**Research Soil Scientist, Conservation & Production Research Laboratory USDA, ARS, Bushland Texas | **Soil water monitoring – Why dictates when, where and how** | Dr. Robert Lascano |
| Apr. 3, 2018 | **Dr. John Burke**Plant Physiologist, Plant Stress & Germplasm Development Unit, CSRL, USDA, ARS(Former Lab Director, CSRL and Research Leader, PSGD Unit) | **Thirty-six years of abiotic stress research in Lubbock, Texas: A career retrospective** | Drs. Robert Lascano, PSGD Unit |
| Apr. 24, 2018 | **Dr. Jeff Baker**Plant Physiologist Wind Erosion & Water Conservation Unit, CSRL, USDA, ARS | **“Responses of Rice to Potential Climate Change: The Role of Photosynthetic Down-Regulation”** | Dr. Robert Lascano |
| May 8, 2018 | **Dr. Sarah Hake**Research Geneticist & Center Director, Plant Gene Expression Center, USDA, ARSAlbany, CA | **The maize leaf - from development to environmental response** | Drs. Paxton Payton, Robert Lascano, David Brauer & Gloria Burow |
| May 15, 2018 | **Dr. Alfonso Dominguez**Associate Professor of Agricultural Engineering at the Technical School of Agricultural & Forestry Engineering & Researcher - Regional Centre of Water Research at Castilla -La Mancha University, Albacete, Spain | **Water resources in Spain & management of limited irrigation in Castilla-La Mancha** | Drs. Robert Lascano & Robert Schwartz |
| May 22, 2018 | **Dr. Chad Hayes**Research Geneticist, Plant Stress & Germplasm Development Unit, Cropping Systems Research Laboratory, USDA, ARS | **Breeding for abiotic stress tolerance and grain yield in sorghum** | Drs. Paxton Payton, Robert Lascano & Gloria Burow |
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| June 19, 2018 | **Dr. Chuck West**Professor and Thornton Distinguished Chair,Dept. of Plant & Soil Science Texas Tech UniversityLubbock, TX | **Forage Systems for Low Water Input in the Texas High Plains** | Dr. Robert Lascano |
| June 26, 2018 | **Dr. Yves Emendack**Research Crop Physiologist, Plant Stress & Germplasm Dev. Unit, CSRL, USDA, ARS | **Agro-morphological and physiological characterization of abiotic stress tolerance traits in field crops** | Dr. Gloria Burow |
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| Aug. 8, 2018 | **Dr. Doreen Ware**Computational Biologist,Plant Soil & Nutrition Center, USDA,ARS, Ithaca, NY & Cold Spring Harbor Laboratory, NY | **Rise of the genomes: Challenges and Opportunities for Agriculture** | Dr. Zhanguo Xin |
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| Sept. 11, 2018, 10AM | **Dr. Xianran Li**Adjunct Assoc. Professor, Dept. of Agronomy, Iowa State Univ. | **From complex to simple: dissection of genetic and environmental determinants advances phenotype prediction** | Dr. Junping Chen, Dr. Chad Hayes  |
| Sept. 27, 2018 \_Thursday (1-2PM) | **Dr. Gloria Burow** Research Geneticist, PSGD Unit, CSRL, USDA, ARS | **Translational Genomics in Sorghum\_ Applications through Marker Assisted Selection** | Dr. Paxton Payton |
| Oct. 9, 2018 | **Dr. Nicole Sanchez**Research Animal Scientist, Livestock Issues & Research Unit (LIRU), CSRL, USDA, ARS | **Prenatal Stress: Parallel Responses in Humans and Livestock** | Drs. Gloria Burow & Paxton Payton |
| Oct. 23, 2018 | **Dr. Junping Chen**Research Molecular Biologist, PSGD Unit, CSRL, USDA, ARS | To be announced | Drs. Gloria Burow & Paxton Payton |
| Nov. 13, 2018 | **Dr. Greg Holt**Research Leader, Cotton Production and Processing Research Unit;Cotton Post-Harvest Research and Education Coordinator, CSRL, USDA, ARS | To be announced | Dr. Robert Lascano |
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| Dec. 4, 2018 | **Dr. Mauricio Ulloa**Research Geneticist, PSGD Unit, CSRL, USDA, ARS | To be announced | Drs. Gloria Burow & Paxton Payton |
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| Dec 11 or 18 | **Dr. David Brauer** Research Leader, Soil and Water Management Research Unit; Acting Lab Director of the Conservation and Production Research Laboratory; Manager of the Ogallala Aquifer ProgramUSDA ARS, Bushland TX  | **How regional and state water policies can affect community actions toward groundwater conservation** | Dr. Robert Lascano |