



# UNL DEPARTMENT OF AGRONOMY & HORTICULTURE SPRING 2015 SEMINAR SERIES

- January 23**    **Irrigation challenges for crop production and water resources management**  
*Derrel Martin – Professor, UNL Biological Systems Engineering*
- January 30**    **In your own backyard: Plan(t) it to expand education**  
*Kim Todd – Associate Professor, UNL Agronomy & Horticulture*
- February 6**    **Antibiotic resistance on farms and in fields**  
*Lisa Durso – USDA-ARS Research Microbiologist*
- February 13**    **A crop consultant's role in Nebraska production agriculture:  
Preparing the next generation of professionals**  
*Orvin Bontrager – Servi-Tech, Aurora, Neb.*
- February 20**    **Fostering science literacy in the elementary grades:  
Educational research on third-grade students' learning about plants**  
*Cory Forbes – Associate Professor of Science Education and Science Literacy Coordinator, UNL School of Natural Resources*
- February 27**    **The global maize project: Testing the concept of ecological intensification around the world**  
*T. Scott Murrell – Director, North American Program, International Plant Nutrition Institute*
- March 6**    **Revisiting phosphorus recommendations for corn**  
*Charles Shapiro – Professor, Soil Scientist – Crop Nutrition, Haskell Agricultural Laboratory, UNL Agronomy & Horticulture*
- March 13**    **GrassSnap – an app to make monitoring easier**  
*Bethany Johnston – Associate Extension Educator in the Central Sandhills Area, UNL Panhandle Research & Extension Center*
- March 20**    **Global food futures through to 2050 and the role of R&D**  
*Philip Pardey – Professor of Applied Economics, Director of Global Research Strategy and  
Director of International Science and Technology Practice and Policy Center, University of Minnesota*
- April 3**    **The Platte River/High Plains aquifer long-term agricultural research collaboration**  
*Brian Wienhold – USDA-ARS Location Coordinator and Research Leader*
- April 10**    **CASNR International Study Tours: Department of Agronomy & Horticulture leadership and participation**  
*Steve Mason – Professor, UNL Agronomy & Horticulture*  
*Nora D'Croz-Mason – Adjunct Assistant Professor, UNL Agronomy & Horticulture*
- April 17**    **A 30-year partnership with Western corn rootworms:  
Learning from prior mistakes to protect future innovations**  
*Blair Siegfried – Professor, UNL Department of Entomology*
- April 24**    **Soil fertility research in western Nebraska – the past 40 years and what's ahead**  
*Gary Hergert – Professor, UNL Panhandle Research & Extension Center, UNL Agronomy & Horticulture*
- May 1**    **Development of novel oil seed functionality for biofuel and industrial application**  
*Ed Cahoon – Professor and Director of the Center for Plant Science Innovation, UNL Biochemistry Department*

Seminars begin at 3:30 pm in 150 Keim Hall, East Campus, with refreshments served at 3 pm. Or join online at <https://connect.unl.edu/FridaySeminarSeries>.