



Novel Livestock Housing

March 6, 2015

2:30 pm (eastern), 1:30 pm (central), 12:30 pm (mountain), 11:30 am (pacific)

Livestock and poultry housing designs have changed in recent years, spurred by changing policies, consumer attitudes and producer preferences. Regardless of what motivates the change, however, is the need to simultaneously address animal welfare, environmental implications and cost and management factors. This webinar will provide examples and perspectives from the swine, dairy and layer industry on how and why producers have implemented changes to their housing practices, and some of the lessons learned along the way! *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) has been submitted.*



Erin Cortus received her Ph.D. from the University of Saskatchewan and Prairie Swine Centre Inc., in Saskatoon, SK. She joined South Dakota State University as an Assistant Professor and Extension Specialist in June 2009. At SDSU, her extension, research, and teaching responsibilities continue with a focus on air quality and waste management for livestock facilities. Erin will serve as the moderator for this webcast. Phone: (605) 688-5144. Email: Erin.Cortus@sdstate.edu

Curt Gooch started his agricultural career very early in life. He received his M.S. in biological resource engineering from the University of Maryland. He was employed as a Project Engineer for 9 years, and since 1998 he has been with the Cornell PRO-DAIRY program as a Dairy Environmental Systems Engineer. Gooch has over 25 years of agricultural facility design and project/construction management experience, including capital construction projects for dairy and other livestock species. Phone: (607) 255-2088; Email: cag26@cornell.edu



Dr. Hongwei Xin is a Charles F. Curtiss Distinguished Professor in the Departments of Agricultural and Biosystems Engineering (ABE) and Animal Science at Iowa State University, Iowa Egg Council endowed professor, and director of the Egg Industry Center located at Iowa State University. His research and extension programs focus air quality of animal production; animal-environment interactions with regards to animal bioenergetics, behavior and welfare, production efficiency and sustainability; and livestock and poultry housing systems and environmental control. Phone: (515) 294-4240; Email: hxin@iastate.edu

Dr. Yuzhi Li is an associate professor of animal behavior and alternative swine production at the University of Minnesota's West Central Research and Outreach Center, located in Morris, Minnesota. Her current research projects focus on management of group-housed gestating sows, identifying behavioral indicators of slow growing pigs, understanding tail biting in pig, and automated monitoring of swine behaviors. Her extension programs focus on swine management in different housing systems and improving performance and welfare of swine in alternative housing systems. She earned her Master's degree from the Northeast Agricultural University, studying the effects of cold temperatures on energy metabolism of poultry before moving to Japan to pursue her PhD in animal bioenergetics at Hiroshima University. Phone: (320) 589-1711; Email: yuzhili@morris.umn.edu



How Do I Participate?

On the day of the webcast, go to www.extension.org/58813 to download the speaker's power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: www.extension.org/8924.

The LPE Learning Center is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animal systems should have on-demand access to the nation's best science-based resources. See our website at: <http://www.extension.org/animal+manure+management>.