



## Highlighted Findings of the National Air Emissions Monitoring Study September 16, 2011

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

In 2007, monitoring for the National Air Emissions Monitoring Study (or NAEMS) was initiated as a result of a consent agreement between certain animal commodity groups and the US EPA. The purpose of the NAEMS was to measure emissions of regulated gases from representative livestock and poultry facilities across the U.S. and improve the state of knowledge of agricultural air emissions, especially in the context of prospective regulation of those emissions. Now that the monitoring has been completed and the data has been turned over to EPA, the project is able to report study findings. Join in as Drs. Al Heber and Erin Cortus highlight results of this multi-species study and offer their perspectives as researchers and extension specialists. *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) will be submitted.*



**Erin Cortus** received her Ph.D. from the University of Saskatchewan and Prairie Swine Centre Inc., in Saskatoon, SK. Following graduate school, she spent over two years at Purdue University, working on the National Air Emissions Monitoring Study as the Data Analysis Manager. 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. Phone: (605) 688-5144. Email: [Erin.Cortus@sdstate.edu](mailto:Erin.Cortus@sdstate.edu)

**Al Heber** has been a Professor in Agricultural and Biological Engineering at Purdue University since 1993. He received his B.S. and M.S. from South Dakota State University and his Ph.D. from the University of Nebraska at Lincoln. His primary research is the assessment and mitigation of dust, odor and gas emissions from livestock facilities. Heber's extension responsibilities cover environmental design of agricultural buildings and odor control, and assisting county educators and producers in solving problems relating to these areas with written extension materials, workshops, seminars and personal contacts. Phone: (764) 494-1214. Email: [heber@purdue.edu](mailto:heber@purdue.edu)



**Rick Stowell, P.E., Ph.D.**, is an Associate Professor in the Biological Systems Engineering and Animal Science Departments at the University of Nebraska. As an Extension Specialist in Animal Environment, he delivers programs in animal housing systems, air quality, and control of odor and gas emissions. He leads the Air Quality Education in Animal Agriculture project, which oversees the Air Quality section of the Learning Center website. Rick's degrees in agricultural engineering are from the University of Wisconsin and Michigan State University. Rick will serve as the moderator for this webcast. Phone: 402-472-3912; Email: [rstowell2@unl.edu](mailto:rstowell2@unl.edu)

### How Do I Participate?

On the day of the webcast, go to <http://www.extension.org/pages/58813/live-webcast-information> to download the speaker's power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: <http://www.extension.org/pages/8924/how-do-i-participate-in-a-webcast>.

### Links For More Information:

- \* Monitored AFOs: <http://www.epa.gov/airquality/agmonitoring/data.html>
- \* Introduction to NAEMS: <https://engineering.purdue.edu/~odor/NAEMS/>

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>.