NRI Air Quality

All-Investigator Meeting - May, 2005

8:00-8:15	Welcome and introductions	Knighton/Kugler
8:15-8:35	Verification of Odor Dispersion Modeling for Siting of Livestock and Poultry Production Systems	Hoff Iowa State University
8:35-8:55	Vegetative Environmental Buffers to Mitigate Odor and Aerosol Pollutants Emitted from Poultry Productions Sites	Colletti Iowa State University
8:55-9:15	Quantification of Gas, Odor, and Dust Emissions from Swine Wean-Finish Facilities	Radcliffe Purdue University
9:15-9:35	Modeling the Source of Gaseous Emissions from Animal Feeding Operations	Powers Iowa State University
9:35-9:55	Direct, Fast-Response Measurements of Gas-Phase Ammonia at a Swine Production Facility	Avery NASA-Langley
9:55-10:15	Ammonia Loses from a Commercial Cattle Feedlot: Towards a Realistic NH3 Emissions Inventory for the Great Plains	Ham Kansas State University
10:15-10:35	**Break**	

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10:35-10:55	Characterization and Fate of Ammonia and Hydrogen Sulfide from Animal Feeding Operations: Their Emissions, Transport, Transformation, Deposition, and Impact on Fine Particulate Matter	Aneja North Carolina State Univ.
10:55-11:15	Emission of Nitrous Oxide and Ammonia from New York State Dairy Farms: Measurement, Modeling and Extension	Steenhuis Cornell University
11:15-11:35	Effect of Cropping Systems and Water on N2O Emissions from Soil as Influenced by Fertilization and Crop Residues in the Northern Great Plains	Engel Montana State University
11:35-11:55	Measurement and Total Accounting for Particulate Emissions from Agricultural Field operations	Miller University of Connecticut
11:55-1:15	**Lunch**	

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1:15-1:35	Inherent PM10 and PM 2.5 Stack Sampling Errors Due to the Interaction of Particle Size and Sampler Performance Characteristics	Buser Agricultural Research Service
1:35-1:55	Detecting Forest Fire Emitted PM 2.5 Using a Novel Thermo Elemental Analysis Method	Hsieh Florida A&M University
1:55-2:15	Air Quality Impacts Planning tool (AQUIPT) for Improved Air Quality Management	Larkin Forest Service
2:15-3:00	Discussion of Air Quality program goals	Knighton/Group
3:00-3:15	**Break**	
3:15-4:30	Air Quality program products	Group
4:30	**Next Meeting - Adjourn**	