

2006 National Poultry Waste Management Symposium  
October 23, 24, 25, 2006  
Holiday Inn  
Springdale, Arkansas  
Telephone: 479-751-8300

### **Agenda**

October 23, Monday

5:00 –7:00 pm Registration and Reception

October 24, Tuesday

7:00 a.m.-4:00 p.m. Registration

7:30 –9:00 a.m. Exhibit and Poster Presentation Set-Up

9:00 a.m. Exhibits Open

8:00 a.m. – 4:30 p.m. Program

4:30 - 6:30 p.m. Reception

Wednesday October 25, 2006

7:00 a.m.-4:00 p.m. Registration

9:00 Exhibits Open

8:00 a.m. – 5:00 p.m. Program

### **GENERAL SESSION**

Tuesday October 24, 2006

- 8:00 Announcements  
Welcome Walter Bottje, Director,  
Center of Excellence for Poultry Science, University of Arkansas
- 8:15 Washington Update / Overview of NPWMS Program  
Richard Reynells – USDA-CSREES

### **STATE OF THE ENVIRONMENT**

*Moderator: Melony Wilson, University of Arkansas*

- 8:30 Environmental Overview – Past 20 years  
John Chlada – Perdue Farms
- 9:00 Why is Nitrogen in the Environment an Issue?  
Rick Kohn – University of Maryland
- 9:30 UEP Air Monitoring Project  
Hongwei Xin – Iowa State University
- 10:00 BREAK
- Panel: Environmental Programs – Have We Made Progress?
- 10:15 Value-Added Litter Products – Tom Ferguson, AgriRecycle
- 10:35 Water Quality Trading Programs – Mark Risse, University of Georgia
- 10:55 Mass Mortality Compost Programming – Bud Malone, U. Delaware
- 11:15 OK Poultry Litter Transfer Program – Josh Payne, Oklahoma State U.

11:35 On-site Utilization of Energy – Brad Schneider, RER

12:00 LUNCH

**PERSPECTIVES ON ENVIRONMENTAL CHANGE**

*Moderator: Morgan Farnell, Texas A&M*

12:45 World View

K.H. Nahm - Taegu University, South Korea

1:30 National View – Air Quality and House Emissions

Robert Burns – Iowa State University

2:00 National View – Water Quality

John Starkey – U.S. Poultry & Egg Association

2:30 BREAK

2:45 National View – NRCS Program-Tom Christiansen – Deputy Chief for Programs,  
NRCS

3:15 State View

James McAfee – Alabama Dept of Environmental Management

3:45 Where Are We Going? – Regulatory Impacts, Legal Perspectives

Tom Hebert – C&M Capitolink LLC

4:30- 6:30 p.m. Reception (Poster presenters will be present)

Wednesday October 25, 2006  
7:00 a.m.-4:00 p.m. Registration  
9:00 Exhibits Open  
8:00 a.m. – 5:00 p.m. Program

## **PRODUCTION SESSION**

***Moderator: Josh Payne – Oklahoma State University***

- 8:00 Mechanism of Action of Litter Amendments & Update on Broiler Monitoring Study. Ken Casey, Texas A&M
- 8:40 Strategies of Air Emission Reduction in Laying Hen Houses.  
Hongwei Xin – Iowa State University
- 9:10 Methods to Reduce Dust in Broiler Houses.  
Casey Ritz – University of Georgia
- 9:40 Animal Odor Assessment – Chickens, Cats, Pigs or Bats; it is Still Analytical Chemistry.  
Don Wright - Microanalytics - A MOCON Company
- 10:10 BREAK
- 10:30 P-indices: A Southern Comparison.  
Deanna Osmond – North Carolina State University
- 11:00 Effect of Diet and Pen Location on Soluble Phosphorus in Manure.  
Rory Maguire – North Carolina C State University
- 11:30 Fecal Source Tracking for Water Quality.  
C. Andrew Carson – University of Missouri
- 12:00 LUNCH

***Moderator: Jamie Burr, Tyson Foods***

- 1:30 Will Feed Management Options Work for the Poultry Industry? What Holistic Tools are Available?  
J. Harrison, R. White– Washington State, T. Applegate, Purdue University
- 2:00 Successes and Opportunities With Low Nutrient Diet Implementation in the Laying Hen Industry.  
Stephanie Frankenbach – JBS United
- 2:30 Land Use Issues and Future Directions of the Poultry Industry.  
Dan Cunningham, University of Georgia

- 3:00 Engagement Not Enragement.  
Jim Chakaris – Ohio Poultry Association.
- 3:30 BREAK
- 4:00 How to Respond to the Media.  
Jeff Miller, University of Arkansas
- 4:30 Presenting a Positive Image.  
Tony Pescatore, University of Kentucky
- 5:00 ADJOURN

## **PROCESSING SESSION**

***Moderator: Doug Smith, USDA-ARS***

- 8:00 Scalding: Effects of Additives on Carcass microbiology and wastewater discharge  
John Cason, USDA-ARS
- Panel: Immersion and Air Chill
- 8:45 Julie Northcutt, USDA-ARS
- 9:15 Joe Walker, Stork-Gamco
- 9:45 David McNeal, Meyn America
- 10:00 BREAK
- 10:30 Peter Goff, Linco Foods
- 11:00 Q & A
- 11:20 Water Conservation and Waste Water Characteristics  
Bill Merka, University of Georgia
- 12:00 LUNCH
- Julie Northcutt, USDA-ARS, Moderator***
- 1:00 Case Study – Putting the Principles of Water Conservation into Practice  
Vernon Rowe, Pilgrim’s Pride
- 1:30 Utilization of Chicken Fat as an Alternative Fuel Source  
Brian Kiepper, University of Georgia
- 2:15 Addressing Future Processing Challenges Through Flexible Automation  
and Intelligent Processing.  
Wayne Daley, Georgia Tech.
- 3:00 Application of Imaging Technology to Chicken Carcasses and Broiler Breeder  
Eggs  
Doug Smith, USDA-ARS
- 3:30 pm BREAK

**2006 National Poultry Waste Management Symposium**  
**Program Committee Volunteers**

**EXECUTIVE COMMITTEE**

Susan Watkins-University of Arkansas, Chair  
Casey Ritz, University of Georgia, Co-Chair  
Wanda Linker, Alabama Poultry & Egg Assoc., Secretary/Treasurer  
Mike Hulet, Pennsylvania State University, Past Chair

**General Session:** Chair Casey Ritz-University of Georgia  
Co-chair- Jamie Burr-Tyson Foods  
Committee members Richard Reynnells, CSREES  
Paul Patterson, Pennsylvania State  
Jacquie Jacob, University of Minnesota  
Curtis Novak, Virginia Polytech Institute  
John Blake, Auburn University  
Glenn Carpenter, NRCS/USDA

**Production Session:** Chair Todd Applegate, Purdue University  
Co-chair David Wicker, Fieldale Farms  
Committee members Tony Pescatore-University of Kentucky  
Theresia Lavergne, Louisiana State  
University AgCenter  
Craig Coufal, Texas A&M  
John Carey- Texas A&M  
Brigid McCrea- Auburn University  
Bud Malone-University of Delaware  
Greg Martin, Pennsylvania State  
Josh Payne- Oklahoma State University

**Processing Session:** Chair Julie Northcutt, USDA-ARS  
Committee members Carl Johnson- Perdue Farms  
Kevin Keener-Purdue University  
Brigid McCrea- Auburn University  
Ken Maciorwski- University of Delaware  
Paige Niemeyer- Texas A&M  
Brian Kiepper- University of Georgia

**Poster Session:** Chair Edgar Oviedo- North Carolina State  
University  
Committee members Brian Sheldon- North Carolina State  
University  
Ken Koelkebeck- University of Illinois

**Exhibits:** Chair Jesse Grimes, North Carolina State

	Committee members	University Jacquie Jacob, University of Minnesota-
<b>Finance:</b>	Chair	Wanda Linker, Alabama Poultry and Egg Association
<b>Sponsorship:</b>	Chair	Theresia Lavergne, LSU AgCenter
	Committee members	Bob Elkin- Pennsylvania State
Evaluation:		Jim Rock-University of Connecticut
<b>Proceedings:</b>	Chair	Joe Hess-Auburn University
	Committee members	Nick Zimmermann- University of Maryland
<b>Publicity:</b>	Chair	Terrence O'Keefe Watt Publishing
<b>Local Arrangements</b>	Chair	Susan Watkins-University of Arkansas
	Committee members	Melony Wilson- Arkansas CES Philip Moore-USDA-ARS

**Holiday Inn**  
**Springdale, Arkansas**  
(479) 751-8300

Initiated in 1988, the National Poultry Waste Management Symposium has maintained a biennial tradition of meeting the needs of industry by showcasing economically viable options for dealing with these dynamic problems and opportunities in an environmentally sound manner. The National Poultry Waste Management Symposium communicates the latest technology and research regarding by-products from the production and processing of poultry. This year's symposium will feature top scientists, and industry personnel on topics that include: air monitoring and strategies for emission reduction, developing value added products, water quality trading programs, litter trading programs, role of diet in nutrient reduction, land use issues and future direction of the poultry industry as well as immersion and air chilling, processing water conservation. The information provided helps mid-level managers and decision makers to understand and manage the challenges associated with concentrated animal production facilities and as well as provides opportunities to hear "success" stories. Poultry production personnel and contract poultry growers are encouraged to attend. The Symposium also features a poster session showcasing current research in the area of waste management. Exhibits of waste processing equipment, environmental services and educational topics will be displayed during the symposium. The symposium is scheduled for October 23-25, 2006 at the Holiday Inn in Springdale, Arkansas.

**FOR MORE INFORMATION CONTACT:**

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The University of Georgia  
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Calhoun, Georgia 30703  
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Fax: 706-624-1404  
Email: [critz@uga.edu](mailto:critz@uga.edu)

**POSTER SESSION REGISTRATION:**

Abstracts are due by August 1, 2006 and should be submitted to:

Dr. Edgar O. Oviedo  
North Carolina State University  
Department of Poultry Science  
Campus Box 7608  
Raleigh, NC 27695-7608  
Telephone 919-515-5391  
Fax: 919-515-7070  
Email: [edgar\\_oviedo@ncsu.edu](mailto:edgar_oviedo@ncsu.edu)

### **TRADE SHOW REGISTRATION**

Registration Fee for Vendor Booths is \$500.00  
(This includes a complimentary registration for one person)  
Contact Dr. Jesse Grimes  
North Carolina State University  
Department of Poultry Science  
Box 7608  
North Carolina State University  
Raleigh, NC 27695-7608  
Telephone: 919-515-5406  
Email: [jesse\\_grimes@ncsu.edu](mailto:jesse_grimes@ncsu.edu)

### **HOTEL REGISTRATION INFORMATION**

Contact Hotel Direct for Room Reservations

Holiday Inn & Northwest Arkansas Convention Center  
1500 South 48<sup>th</sup> Street  
Springdale, Arkansas 72762  
Telephone: 49-751-8300  
Springdale, Arkansas  
Single and Double Room Rate- \$89.00  
[www.ichotelsgroup.com/h/d/hi/1/en/hd/spdar](http://www.ichotelsgroup.com/h/d/hi/1/en/hd/spdar)

### **REGISTRATION**

2006 National Poultry Waste Management

Complete a registration form for each person attending, enclose payment and send to address below (Please photocopy the form as needed)

Professional Title \_\_\_\_\_

Name/Name on Badge \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

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City/State/Zip \_\_\_\_\_

Telephone \_\_\_\_\_ FAX \_\_\_\_\_

E-mail \_\_\_\_\_

Please register me for the 2006 National Poultry Waste Management Symposium to be held October 23-25, 2006 at the Holiday Inn in Springdale, Arkansas. I understand that it is my responsibility to secure my own travel and hotel accommodations. Enclosed is my payment (in US dollars) to cover the registration feed and planned events as indicated below.

Registration	175.00/person	Amount _____
Includes		
Proceedings, Monday and Tuesday evening receptions		
Tuesday and Wednesday luncheons		

Please indicate preference:  
\_\_\_\_\_ Production Session

\_\_\_\_\_ Processing Session

Registration after September 27, 2006	\$250.00	_____
One day registration	\$135.00	_____
Student or grower Registration	\$ 75.00	_____
Additional Proceedings	\$ 25.00	_____
Total Amount		_____

Continuing Education Credit is available for ASAE, ARPAS and others.

Make check payable to "Poultry Waste Management Symposium" and send registration and payment to:

National Poultry Waste Management Symposium  
c/o Alabama Poultry and Egg Association  
P. O. Box 240  
Montgomery, AL 36101-0240  
Phone 334-265-2732      FAX: 334-265-0008  
E-mail: [wanda@alabamapoultry.org](mailto:wanda@alabamapoultry.org)