The National Poultry Waste Management Symposium will communicate the latest technology and information regarding poultry waste management. Topics include: Social Considerations, Waste and Nutrient Management, Regulatory and Air Quality Issues, Challenges and Opportunities of Alternative Use Technologies and Processes, and Water and Wastewater Processing. The theme of the 2004 National Poultry Waste Management Symposium is Balancing Economic and Environmental Issues, and this year’s symposium is targeted to meet current and future needs of the poultry industries while responsibly dealing with environmental issues and challenges. The audience focus continues to be mid-level managers and decision-makers at all levels in the poultry production system. We actively encourage participation by growers and independent producers. The Mission of the symposium continues to provide cutting edge, timely, and hard hitting presentations that address the need for comprehensive programs and that assist members of the poultry system in fulfilling their individual and collective environmental protection responsibilities.

The program comprises a general session covering broad topics, followed by concurrent sessions devoted to various production and processing topics. Poster presentations dealing with poultry production and processing by-products will be on display during the symposium. Exhibits of waste processing equipment, environmental services and educational topics will also be displayed during the symposium. Contact the coordinators for information on providing a poster or exhibit. The symposium is scheduled for October 24-26, 2004 at the Holiday Inn, Airport in Memphis, Tennessee.

For more information contact:

R. Michael Hulet
Department of Poultry Science
222 Henning Building
University Park, PA 16802-3501
Phone: 814-863-8934
Fax: 814-865-3411
Email: mrh4@psu.edu

Susan Watkins
University of Arkansas
0-114 Poultry Science
Fayetteville, AR 72701
Phone: 479-575-7902
Fax: 479-575-8775
Email: swatkins@uark.edu

Visit the website: www.alabamapoultry.org
## Program Committee

**Executive Committee**  
Michael Hulet, Penn State University, Chair  
Susan Watkins, University of Arkansas, Co-Chair  
Wanda Linker, Alabama Poultry and Egg Association, AL, Secretary/Treasurer  
Richard Reynnells, USDA/CSREES, Washington, DC, Past President

**General Session**  
Susan Watkins, University of Arkansas, Chair  
Bill Anchor, Wengers Feed Co, Rheems, PA  
Lew Carr, University of Maryland  
John Carey, Texas A&M University  
Tim Maupin, Cargill, Harrisonburg, VA

**Production Session**  
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Ralph Stonerock, Carl S. Akey, OH  
Tony Pescatore, University of Kentucky  
Jesse Grimes, North Carolina State University  
Abel Gernat, North Carolina State University  
Barry Kintzer, USDA/NRCS, Washington, DC  
Bud Malone, University of Delaware

**Processing Session**  
Julie Northcutt, USDA/ARS, Athens, GA, Chair  
Carl Johnson, Perdue Farms, Salisbury, MD  
Phil Hudspeth, Crider Poultry, Stillmore, GA  
Kevin Keener, North Carolina State University  
Richard Reynnells, USDA/CSREES, Washington, DC  
Casey Owens, University of Arkansas  
Sarah Birkhold, Texas A&M University  
Audrey McElroy, Virginia Tech  
Mike Lacy, University of Georgia

**Poster Session**  
Casey Ritz, University of Georgia, Chair  
Nick Zimmerman, University of Maryland  
Michelle Perez, University of Maryland

**Exhibits**  
Paul Patterson, Penn State University, Chair  
Curtis Novak, Virginia Tech  
Josh Payne, NC State University

**Finance**  
Wanda Linker, Alabama Poultry and Egg Association, AL  
Richard Reynnells, USDA/CSREES, Washington, DC

**Sponsorships**  
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Frauline McKnight, Conagra, Baton Rouge, LA  
Keith Bramwell, University of Arkansas  
Bud Malone, University of Delaware  
Frank Mitloehner, University of California-Davis  
Joel Ash, University of Arkansas

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James Plunkett, Watt Publishing, Chair  
John Blake, Auburn University  
A.K.M. Aminul Haugue, American Dehydrated  
June DeGraft-Hanson, West Virginia University

**Local Arrangements Committee**  
Charlie Goan, University of Tennessee, Chair  
Larry Goff, NRCS-TVA, TN
Program
October 24, Sunday

5:00 - 7:00 p.m.  Registration
6:00 - 8:00 p.m.  Informal Reception (Cash Bar)

October 25, Monday

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

GENERAL SESSION
Monday, October 25, 2004
Susan Watkins, University of Arkansas, Chair

8:00 a.m. - 5:15 p.m.
Susan Watkins, University of Arkansas, Moderator

8:00  Announcements
8:05  Welcome  Charlie Goan, University of Tennessee, Knoxville, TN
8:15  Overview of the NPWMS Program  Richard Reynnells, USDA/CSREES/PAS, Washington, DC

LEGAL IMPLICATIONS OF CLEAN AIR AND WATER ACT

8:30  Clean Water:  Janie Hipp, University of Arkansas, Fayetteville, AK
9:00  Clean Air:  Tony Pescatore, University of Kentucky, Lexington, KY
9:30  Louisiana Master Farmer Program  Carrie Castille, Louisiana State University, Baton Rouge, LA
10:00  BREAK
10:30  Georgia Poultry EMS Guidebook  Casey Ritz, Poultry Science Dept., University of Georgia, Calhoun, GA
11:00  Environmental Management Systems – PEEACE Program  Rob Meinen, Penn State University, University Park, PA
11:30  Farm to Fork: Public Perception on Farming and Management of Waste Products  Wes Jamison, Dordt College, Sioux Center, Iowa
12:00  LUNCH  
       Lew Carr, University of Maryland, Moderator

1:30  TMDL and Nutrient Trading: How will it Work?  H.L. Goodwin, University of Arkansas, Fayetteville, AR
2:00  Production of Activated Carbons from Poultry Litter  Isabel Lima, USDA, ARS, SRRC, New Orleans, LA
2:30  Thermal Depolymerization of Poultry Litter for Energy Recovery  Paul Halberstadt, Renewable Energy Solutions
3:00  BREAK
3:30  When Municipalities Sue the Poultry Industry: Who Wins?  H.L. Goodwin, University of Arkansas, Fayetteville, AK
4:00  Tornado in a Can  Whit Davis, Vortex Dehydration Systems, Hanover, MD
4:30  Source Tracking Of Fecal Coliform Bacteria  Peter Hartel, University of Georgia
5:30 - 7:30 p.m.  RECEPTION
October 26

PROCESSING SESSION
Julie Northcutt and Carl Johnson, Co-Chairs

8:00 a.m. – 5:15 p.m.

Carl Johnson, Perdue Farms, Inc., Moderator

COMMUNITY RELATIONS

8:00   Processing Plants and Water Quality: Society’s Viewpoint  Bill Mattos, California Poultry Federation, Modesto, CA

9:00   Odor and Air Emissions:  Processing and Plants Facilities  John Pierson, Georgia Tech , Atlanta GA

9:30   Denitrofication of Lagoon Systems  Frank Humenik, Department of Biological and Agricultural Engineering,  North Carolina State, Raleigh, NC

10:00  BREAK

10:30  Distribution of Bacteria in and Around Processing Plants  Suresh Pillai, Department of Poultry Science Texas A&M University, College Station, TX

11:00  Egg Processing Plant bacterial Distribution  Mike Mushgrove, USDA-ARS, Athens, GA

11:30  Airborne Microbial Contamination of Shell Egg and Quail Facilities  Julie Northcutt, USDA/ARS, Athens, GA

12:00  LUNCH

                Julie Northcutt, USDA-ARS-SAA-PPMQRU, Moderator

1:30  Water Use Regulations  TBA, USDA/FSIS

2:00  Waste Water Minimization: particle size differentiation  Brian Kiepper University of Georgia, Athens, GA

2:30  Treatment Options for Water Reuse  TBA, Poultry Industry Representative

3:00  BREAK

3:30  Antimicrobials That Impact Waste Water  Helen Brown, Tyson Foods, Springdale, AR

4:00  New Uses for Chicken Feathers  Walter Schmidt, USDA/ARS, Beltsville, MD

4:30  Economics of Fat Consumption for Fuel  Dan Winness, Vortex Dehydration Systems, LLC, Hanover, MD

5:30 - 7:30 p.m.  RECEPTION
October 26, 2004

PRODUCTION SESSION
Theresia LaVergne, LA, Chair

8:00 a.m. – 5:15 p.m.

Theresia LaVergne, LSU, Moderator

AIR QUALITY AND EMISSIONS

8:00  Air Quality and Emissions Regulations (odor, ammonia, etc.)  Ray Knighton, USDA/CSREES, Washington, DC
8:30  Technology for Measuring Emissions; Limitations/Benefits  Rich Gates, University of Kentucky, Lexington, KY
9:00  Air Quality from Layers, Turkeys, and Broilers  Eileen Wheeler, Penn State, University Park, PA
9:30  New alternatives for litter houses  Tony Pescatore, University of Kentucky, Lexington, KY
10:00 BREAK
10:30  New Alternatives for Deep Stack Houses  Paul Patterson, Penn State, University Park, PA
11:00  Outreach Efforts for Air Quality and Emissions  Robert Burns, University of Tennessee, Knoxville, TN
11:30  Communities, Animal Agriculture and Air Pollution: Policy Issues and Options for the Future  Larry Libby, Ohio State University, Columbus, OH
12:00 LUNCH

Casey Ritz, University of Georgia, Moderator

THE CAFO RULE

PANEL – CAFO Compliance Around the Country; What are Individual States Doing?

1:30  Northeast – Dave Hansen, University of Delaware, Georgetown, DE
1:50  Midwest – Kevin Vinchattle, Iowa Poultry Association, Urbandale, IA
2:10  Central – Tim Alsup, Cargill
2:30  South – John Carey, Department of Poultry Science, Texas A&M University, College Station, TX
2:50  West – Kevin Clutter, Pacific Egg and Poultry Association, Sacramento, CA
3:10  Questions and Discussion
3:30  BREAK
4:00  CNMP’s – the How’s, Why’s, and Expectations  Glenn Carpenter, USDA/NRCS, Beltsville, MD
4:30  Record Keeping for CNMP’s  TBA, University of TN
5:30 - 7:30 p.m.  RECEPTION
Complete a registration form for each person attending, enclose payment and send to address below (Please photocopy the form as needed).

Title ____________________________________________

Name/Name on Badge ________________________________________

Company ____________________________________________

Address ____________________________________________

City/State/Zip ____________________________________________

Telephone ___________________________ Fax ___________________________

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Please send me information on making a poster presentation or providing an exhibit at the meeting ______

Please register me for the 2004 National Poultry Waste Management Symposium to be held October 24 – 26, 2004 at the Holiday Inn, Airport in Memphis, TN. 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 fee and planned events as indicated below.

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

Make check payable to “Poultry Waste Management Symposium” and forward registration and payment to:

National Poultry Waste Management Symposium
c/o Alabama Poultry & Egg Association
P. O. Box 240
Montgomery, AL  36101-0240
Phone: 334-265-2732
Fax: 334-265-0008
E-mail: wanda@alabamapoultry.org