

**Wednesday, March 28, 2012**

**General Nutrition Program**

- 8:45 **Welcome**
- 8:50 Does What I Feed Effect My Local Watershed?  
*Dan Ludwig, USDA-NRCS*
- 9:40 Strategies Towards a More Sustainable Agriculture  
*Jim Hanson, University of Maryland*
- 10:30 **Vendor Break and Poster Session**
- 11:10 Clearing the Air about Livestock's Contributions to  
Climate Change and Air Pollution  
*Frank Mitloehner, University of California-Davis*
- 12:00 **Lunch on Your Own**  
**Technical Symposium**
- 2:00 **Welcome**
- 5:00 **Reception, Sponsored by TBA**

*Brought to You by the Following Affiliations:*

Maryland Feed Industry Council  
University of Maryland  
American Feed Industry Association  
Pennsylvania State University  
Rutgers University  
University of Delaware  
University of Pennsylvania-Veterinary School  
USDA  
Virginia Polytechnic University  
West Virginia University

**Registration Due March 15, 2012**

**Registration Category and fees:**

|                             |               |
|-----------------------------|---------------|
| <b>General Registration</b> | <b>\$100</b>  |
| <b>Govt./University</b>     | <b>\$65</b>   |
| <b>Emeritus Professor</b>   | <b>No Fee</b> |
| <b>Student</b>              | <b>No Fee</b> |
| <b>March 29 Only</b>        | <b>\$75</b>   |

For Sponsorship and Registration Information, Contact:

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Email: [ansc-extension@umd.edu](mailto:ansc-extension@umd.edu)

# Feeding For the Future

## 10th Annual Mid-Atlantic Nutrition Conference

**March 28-29, 2012**

**Crowne Plaza  
North Baltimore  
Timonium, Maryland**  
[www.manc.umd.edu](http://www.manc.umd.edu)

## Poultry Nutrition Program

- 8:00 The Ongoing Challenges of Organic Poultry Nutrition, Production and Market Development  
*Michael Lilburn, The Ohio State University*
- 8:50 EU Environmental Regulations and Impact on Production  
*Jan Dirk van der Klis, Schothorst Feed Research*
- 9:40 Vendor Break and Poster Session**
- 10:20 Regular Broiler Formulation Practices Utilizing Fewer, Less and/or No Drugs  
*Phillip Hargis, Hargis and Associates*
- 11:10 Corn oil Extraction in the Ethanol Industry  
*Bob Loar, POET Nutrition*
- 12:00 Lunch**  
**12:30 Vendor Break and Poster Session**
- 1:30 Nutrient Requirements of Poultry– What is the Timeline for Validity of Published Recommendations?  
*Steve Leeson, University of Guelph*
- 2:20 Nutrigenomics  
*James Pierce, Alltech*
- 3:10 TBA

**4:00pm Adjourn**

## Dairy Nutrition Program

- 8:00 A Different Look at Feeding Economics  
*Greg Bethard, G & R Dairy Consulting*
- 8:50 Can we Improve Phosphorus Bioavailability for Cows?  
*Jamie Jarrett, Virginia Tech / Land O Lakes*
- 9:40 Vendor Break and Poster Session**
- 10:20 Starch Digestion in the Dairy Cow  
*Mike Allen, Michigan State University*
- 11:10 Nutrition and Management of Automatic Calf Feeding Systems  
*Tom Earleywine, Land O Lakes Animal Milk*
- 12:00 Lunch**  
**12:30 Vendor Break and Poster Session**
- 1:30 Feeding Dairy Herds Using Robotic Milking Systems  
*DeLaval Systems: Robert Fry, Atlantic Dairy Management Service*  
*Doyle Waybright, Mason-Dixon Farms, Gettysburg, PA*  
*Lely Systems: Dan Schreiner, Lely, USA*  
*Dairy producer using Lely robotic milking system*
- 3:00 Feeding Compromised Crops/Floods and Droughts  
Fermentation and Nutritive Value of Hurricane Damaged Corn Silage in the Northeast  
*Limin King, University of Delaware*  
Regulatory Actions for Harvesting Forage Crops Damaged by Hurricane Irene  
*Dan Hudson, University of Vermont*  
Feeding the Dairy Herd with Stressed Crops  
*Robert Fry, Atlantic Dairy Management Service*  
*and Sean P. Jones, Jones Family Farm, Massey, MD*

**4:00pm Adjourn**

## Equine Nutrition Program

- 8:00 Estimation of Pasture DM Intake and its Practical Application in Grazing Management for Horses  
*Paul Siciliano, North Carolina State University*
- 8:50 Optimizing Equine Forage Use  
*Krishona Martinson, University of Minnesota*
- 9:40 Vendor Break and Poster Session**
- 10:20 Horse Pastures in the Mid-Atlantic Region: Alternative Forage Species for Horses  
*Ozzie Abaye, Virginia Tech*
- 11:10 Current Knowledge of Dietary Nitrogen Utilization in Equids  
*Nathalie Trottier, Michigan State University*
- 12:00 Lunch**  
**12:30 Vendor Break and Poster Session**
- 1:30 Forage: The often Overlooked Source of Omega-3 Fatty Acids  
*Lori Warren, University of Florida*
- 2:20 Dietary Management of Equine Ulcers  
*Kevin Kline, Illinois State University*
- 3:10 Physically Effective Fiber– Does it Have A Future in Equine Nutrition?  
*Daryl Maulfair, Red Dale Ag Service and Burt Staniar, Penn State*

**4:00pm Adjourn**