

65th North Central Avian Disease Conference
March 17-18, 2014
St. Paul Rivercentre, St. Paul, MN

Monday, March 17, 2014

7:30 – 8:30 AM **Registration & Continental Breakfast**
8:30 – 8:35 **Welcome and Introduction** – Program NCADC Chair
8:35 – 8:50 **Welcome** – Mr. Steve Olson, Executive Director of:
Midwest Poultry Federation
Minnesota Turkey Growers Association
Chicken & Egg Association of Minnesota

Scientific Presentations

Moderator: Ching Ching Wu

8:50 – 9:10 **Yuko Sato***
Necrotizing and hemorrhagic enteritis and hepatitis in commercial layers in Indiana

9:10 – 9:30 **Mahmoud Ibrahim**
Toward the development of broadly reactive influenza vaccine for the control of highly pathogenic avian influenza H5N1 in Egypt

9:30 – 9:50 **Jacqueline Nolting**
Challenges with the detection and characterization of avian-origin influenza A viruses from wild-waterfowl

9:50 – 10:10 **Sunil Mor**
Molecular characterization of newly isolated turkey arthritis reoviruses

10:10 – 10:30 **Tamer Sharafeldin***
Long term pathogenicity of turkey arthritis reovirus (TARV) in turkeys

10:30 – 10:50 **Break**

10:50 – 11:10 **Oluwakemi Osunderu***
The socio-economic impact of vaccine failure on poultry farms in Nigeria

11:10 – 11:30 **Sandra Aehle**
Early vaccination for protection against salmonella infections of poultry

11:30 – 11:50 **Hector Cervantes**
Salmonella control programs in the USA

11:50 – 12:00 **Question and Answer Session for Speakers**

12:00 – 1:00 PM **Lunch** **Generously sponsored by Alltech**

Moderator: Patricia Wakenell

1:00 – 1:20 **Alexander Weaver**
Mycotoxins: Effect on immunity and performance and developing an effective program to manage them

*Paper eligible for B. S. Pomeroy Award

1:20 – 1:40	Robert Owen	The effectiveness of a <i>Bacillus licheniformis</i> probiotic on the reduction in <i>Salmonella heidelberg</i> shedding and colonization in broiler chickens
1:40 – 2:00	R. Mick Fulton	Why biosecurity is important in the duck industry
2:00 – 2:20	Mia Kim-Torchetti	2013 review of avian influenza viruses detected in the United States
2:20 – 2:40	Tim Johnson	The Turkey Gut Health Initiative
2:40 – 3:00	Break	<i>Moderator: Chang-Won Lee</i>
3:00 – 3:20	Patricia Wakenell	The impact of urban and backyard poultry on commercial operations
3:20 – 3:40	Dale Lauer	Lessons learned on avian Influenza table top planning in Minnesota
3:40 – 4:00	Daniel Karunakaran	Control coccidiosis in turkeys - new approaches
4:00 – 5:00	Disease Round Table	
5:00 – 5:40	NCADC Business Meeting	
6:00 – 8:00	Awards Banquet	Generously sponsored by Alltech and Maple Leaf Farms

Tuesday, March 18, 2014

Poultry Management Symposium

Moderator: R. Mick Fulton

8:00 – 8:45	Brian Wilcox	How to make chicks happy (lighting)
8:45 – 9:30	Ken Lamm	Managing ventilation in layer houses
9:30 – 10:15	Brian Fairchild	Optimizing poultry house ventilation in hot weather
10:15 – 10:30	Break	
10:30 – 11:15	Anthony Quant	Feed issues
11:15 – 12:00	Jim Arends	Insect management challenges - now and in the near future
12:00 – 12:15	Panel	Questions and Answers

NCADC & MPF Joint Symposium on "Poultry Nutrition and Health" (1:30 – 5:00)

Dr. Sheila Purdum, University of Nebraska, Chairperson

1:30 – 2:15	Thomas Elam	Commodities for poultry
2:15 – 3:00	Bob Loar	Metabolizable energy evaluation of ingredients in the poultry ration and performance criteria
3:00 – 3:15	Break	
3:15 – 4:00	Nelson Ward	Enzymes – beyond phytase
4:00 – 4:45	Louis Romero	Advances in the use of enzymes and direct-fed microbials in poultry nutrition