



Baltimore, Maryland, USA – June 22-24, 2015



Avian Influenza and Poultry Trade



The U.S. Department of Agriculture's, Animal and Plant Health Inspection Service (USDA:APHIS) is co-hosting this conference with the U.S. poultry industry on avian influenza and poultry trade.

*Meeting is by invitation only.*

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## CONFERENCE GOALS

- review the risks of introduction of avian influenza viruses through global trade in poultry and poultry products, and
- discuss appropriate measures to mitigate these risks

## PRESENTATIONS

### National Chief Veterinary Officers (or their delegates):

- their countries' experiences with, and perspectives on, managing the risk of avian influenza related to poultry trade

### Subject matter experts:

- risk factors for introduction and spread of avian influenza related to various poultry sectors
- effective and feasible avian influenza detection, response, and control plans
- strategies to minimize trade impacts related to detection of avian influenza virus in commercial and non-commercial birds or limited regional areas

**We Welcome the Opportunity to Host this Important and Timely Meeting and Look Forward to Your Participation**



Julie Gauthier

## Program at-a-glance...

### Monday, June 22, 2015

<b>3:00 pm</b>	<b>Registration</b>
6:00 pm	Welcome and Introductions
<b>6:15 pm</b>	<b>Opening Remarks</b>
6:30 pm	Keynote Address
<b>7:30 pm</b>	<b>Reception</b>

### Tuesday, June 23, 2015

<b>7:00 am</b>	<b>Registration</b>
8:00 am	Presentations
<b>10:00 am</b>	<b>Group Photo and Break</b>
10:30 am	Panel Discussion
<b>12:00 pm</b>	<b>Lunch (provided)</b>
1:00 pm	Panel Discussion
<b>2:30 pm</b>	<b>Break</b>
3:00 pm	Presentations
5:00 pm	Summarize Tuesday Activities
<b>6:30 pm</b>	<b>Reception</b>

### Wednesday, June

<b>7:00 am</b>	<b>Registration</b>
8:00 am	Panel Discussion
9:30 am	Presentation
<b>10:00 am</b>	<b>Break</b>
10:30 am	Panel Discussion
<b>12:00 pm</b>	<b>Lunch (provided)</b>
1:00 pm	Presentations
<b>2:00 pm</b>	<b>Break</b>
2:30 pm	Presentation
3:00 pm	Moderated Discussion
<b>4:30 pm</b>	<b>Concluding Remarks</b>

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### Photography and Recordings

To encourage frank and open discussion, as well as presentation of unpublished data, photography and sound or video recording during the speaker presentations and discussion sessions is prohibited.

We have a professional photographer, Jonathan Dumas, available who will take a “group photo” and also capture events and activities of the meeting.

Your attendance at this meeting is your acceptance for us to include your photo in the group photo and other pictures taken by our professional photographer. If you would like a special photo taken by our professional photographer, see Jonathan.



Jonathan Dumas

### Website, Presentations, and Data Sharing

We have a website for the meeting at <http://www.aphis.usda.gov/animal-health/ai-conference>

Information includes: agenda, organizing committee members, list of attendees, speaker abstracts and biographies, speaker presentations, photo and copyright waivers, hotel information, and Baltimore time, weather, and currency exchange rates.

Your attendance indicates your acceptance for us to share your presentation materials. If you have any objections to this, please let one of our representatives at the registration desk know. We plan to post updated and additional information on our website as it becomes available. The website will be accessible for 60 days after the meeting. Please let Carol LoSapio know if you would like any changes and/or updates to the website.



Carol LoSapio

### Translation Services

The primary language of the meeting is English. To facilitate the information sharing and discussions among the meeting’s diverse attendees, Spanish and Arabic will have simultaneous translation and one speaker from Japan will have consecutive translation during the questions and answers portion of his presentation. Should you need translation assistance at other times during the meeting, please let the meeting facilitators know or contact Madeline Bocchi at 301-851-3796 or email: [Madeline.P.Bocchi@aphis.usda.gov](mailto:Madeline.P.Bocchi@aphis.usda.gov).

### Travel Information

If you have questions or concerns about your travel arrangements, please contact our meeting facilitator Candace Shearin. She will be at the registration desk during most of the meeting.



Candace Shearin

### Speaker Information and IT Support

The audio/visual company in the hotel is providing all information technology (IT) support. We encourage speakers to “turn in” their presentation at the registration desk in the morning before the meeting starts, so IT has time to line it up for the day. Preferred method is jump drive to IT computer.

**We hope that the variety of attendees will contribute to the richness of the discussion and the value of the meeting.**

## AGENDA

### Monday, June 22, 2015: Registration, Keynote Address, and Reception

Time	Event	Leader
3:00pm – 6:00pm	<b>Registration</b>	
6:00pm – 6:15pm	<b>Welcome and Introductions</b>	Dr. John Clifford, U.S. CVO and Mr. Jim Sumner, International Poultry Council President
6:15pm – 6:30pm	<b>Opening remarks</b> by the APHIS Associate Administrator	Dr. Jere Dick, USDA APHIS
6:30pm – 7:30pm	<b>Keynote Address:</b> Risk of introducing avian influenza through trade in live poultry and poultry products	Dr. David Swayne, USDA ARS
7:30pm – 8:30pm	<b>Reception</b>	

### Tuesday, June 23, 2015: Presentations and Panel Discussions

Time	Event	Leader
7:00am – 8:00am	<b>Registration</b>	
8:00am – 8:30am	<b>Presentation:</b> 2015 U.S. HPAI Outbreak Situation Report	Dr. Brian McCluskey, USDA APHIS
8:30am – 9:00am	<b>Presentation:</b> Reflecting on influenza prevention and control	Dr. Carol Cardona, University of Minnesota
9:00am – 9:30am	<b>Presentation:</b> International standards for HPAI risk mitigation	Dr. Brian Evans, OIE
9:30am – 10:00am	<b>Presentation:</b> FAO's role in global HPAI control	Dr. Subhash Morzaria, FAO
10:00am – 10:30am	<b>Break and group photo</b>	
10:30am – 12:00pm	<b>Panel discussion:</b> Recent HPAI experiences and perspectives (Africa and Asia 1) <sup>1</sup>	CVOs or delegates from Africa and Asia, led by Dr. Jack Shere
12:00pm – 1:00pm	<b>Lunch</b>	
1:00pm – 2:30pm	<b>Panel discussion:</b> Recent HPAI experience and perspectives panel (Asia 2) <sup>2</sup>	CVOs or delegates from Asia, led by Dr. T.J. Myers
2:30pm – 3:00pm	<b>Break</b>	
3:00pm – 3:30pm	<b>Presentation:</b> H5/H7 risk analysis update	Dr. Takehiko Saito, Japan MAFF
3:30pm – 4:00pm	<b>Presentation:</b> Use of the Canada/U.S. zoning arrangement during the 2015 HPAI outbreaks	Dr. Abed Harchaoui, CFIA
4:00pm – 4:30pm	<b>Presentation:</b> Official oversight of ostrich compartments	Dr. Julie-Anne Koch, South Africa MAFF
4:30pm – 5:00pm	<b>Presentation:</b> Avian Influenza control strategy: the EU experience	Dr. Riviriego-Gordejo, European Commission
5:00pm – 5:30pm	<b>Summarize</b> Tuesday activities; preview Wednesday agenda	Dr. Brian McCluskey, USDA APHIS
6:30pm – 8:00pm	<b>Reception</b>	

<sup>1</sup> Egypt, Nigeria, South Africa, China, and Japan

<sup>2</sup> South Korea, Taiwan, Thailand, and Vietnam

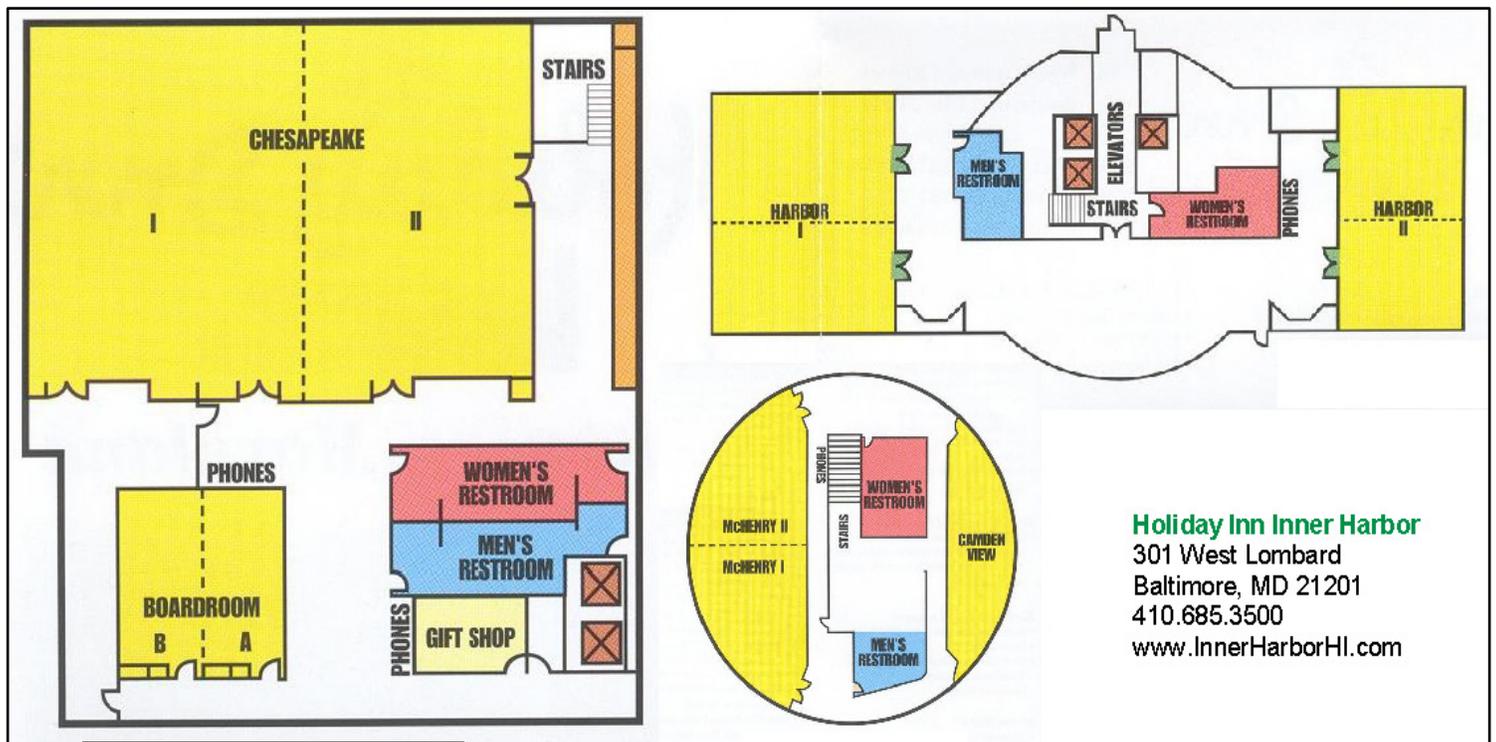
**Wednesday, June 24, 2015: Presentations and Panel Discussions**

Time	Event	Leader
8:00am – 9:30am	<b>Panel discussion:</b> Recent HPAI experience and perspectives panel (European Union) <sup>3</sup>	CVOs or delegates from European Union, led by Dr. John Glisson
9:30am – 10:00am	<b>Presentation:</b> HPAI in the Netherlands and consequences for the poultry industry	Dr. Christianne Brusckhe, CVO of the Netherlands
10:00am – 10:30am	<b>Break</b>	
10:30am – 12:00pm	<b>Panel discussion:</b> HPAI experience and perspectives panel (North America) <sup>4</sup>	CVOs or delegates from North America, led by Dr. Gregorio Rosales
12:00pm – 1:00pm	<b>Lunch</b>	
1:00pm – 1:30pm	<b>Presentation:</b> Biosecurity for live poultry in transit	Dr. Alberto Torres, U.S. Poultry and Egg Association
1:30pm – 2:00pm	<b>Presentation:</b> U.S. avian influenza surveillance programs	Dr. T.J. Myers, USDA APHIS
2:00pm – 2:30pm	<b>Break</b>	
2:30pm – 3:00pm	<b>Presentation:</b> Trade consequences of the Yorkshire HPAI outbreak	Dr. Simon Hall, UK APHA
3:00pm – 4:30pm	<b>Moderated discussion</b> session to collect summary conclusions and recommendations from the group	Dr. Rick Hill, USDA APHIS
4:30pm – 5:00pm	<b>Concluding remarks</b>	Dr. John Clifford, U.S. CVO and Mr. Jim Sumner, USAPEEC President

**Conference Room Information**

Registration – Chesapeake Foyer  
 Conference Room – Chesapeake  
 Breakout Room – Harbor I

Storage/Hold Room – Boardroom A  
 Prayer Room – Boardroom B  
 Reception – Rooftop – 13<sup>th</sup> Floor – McHenry & Camden View



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<sup>3</sup> European Commission, Germany, Netherlands, and United Kingdom

<sup>4</sup> Canada, Mexico, and United States

## Instructions for Panelists and Moderators

### Panel Schedule and Participants

**Recent HPAI experiences and perspectives:** CVO or delegate representatives of countries that have experienced an HPAI outbreak in the past three years will participate as panel members.

#### 1. Tuesday, June 23, 2015 (10:30am – 12:00pm): Africa and Asia 1

- Moderator: Dr. Jack Shere, USDA APHIS

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- **Countries represented:**
  - Egypt
  - Nigeria
  - South Africa
  - China
  - Japan

#### 2. Tuesday, June 23, 2015 (1:00pm – 2:30pm): Asia 2

- Moderator: Dr. TJ Myers, USDA APHIS

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- **Countries represented:**
  - South Korea
  - Taiwan
  - Thailand
  - Vietnam

#### 3. Wednesday, June 24, 2015 (8:00am – 9:30 am): Europe

- Moderator: Dr. John Glisson, U.S. Poultry and Egg Association

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- **Countries represented:**
  - European Union
  - Germany
  - Netherlands
  - United Kingdom

#### 4. Wednesday, June 24, 2015 (10:30am – 12:00pm): North America

- Moderator: Dr. Gregorio Rosales, Aviagen

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- **Countries represented:**
  - Canada
  - Mexico
  - United States

## Panel Format

- Each panel will consist of no more than 5 panelists plus a moderator. Panelists are country CVOs or other representatives of animal health authority.
- Panelists should NOT prepare individual PowerPoint presentations. Instead, panelists should prepare to respond orally to questions in the following list in the time allowed for each question on the list.
- Each panelist will have:
  - ✓ 7 minutes maximum allowed for response on Topic #1;
  - ✓ 3 minutes maximum allowed for response on all other Topics.
- If there is still time at the end of the “**high priority questions**” the moderator has the option to use the “**lower priority questions**” for the remainder of the time.
- Each panelist and moderator will have a microphone. The moderator will sit in the center of the panel. We plan to have a low table in front of the seated participants where drinking water will be provided and notes can be placed.
- A recorder will take notes and a timekeeper will keep track of the time for panelist’s responses, notifying the panel when the allowed time has elapsed.
- The moderator will guide the discussion and ask each panelist in turn to respond to a question, and then encourage the audience to join the discussion. Hand-held wireless microphones will be available for the audience to use for their questions.
- The audience will be given the opportunity to write down questions in advance and the moderator can include these audience-contributed questions in the agenda if the panel has time to address them.
- Total time allotted to a panel session is 90 minutes.

## High Priority Questions

Attempt to cover all of these questions in the 90-minute panel session

### 1. Topic: Country HPAI Situation Report (7 minutes per panelist)

Give a brief report and the lessons learned of the most recent outbreak of HPAI in your country.

- a. What was the suspected or known route of introduction of the virus and what risk factors were associated with spread of the virus?
- b. What sectors of poultry production were affected and what were the consequences?
- c. What control measures were used? If vaccination was or is being used please provide:
  - What is the exit strategy for discontinuing the use of vaccination?
  - What constitutes adequate surveillance for avian influenza for a country using avian influenza vaccine?

### 2. Topic: Zoning for trade continuity during HPAI outbreaks (3 minutes per panelist)

Describe how your country uses zoning to continue trade during avian influenza outbreaks.

- a. What situations are best suited to a zoning approach?
- b. How do we make effective and timely zoning decisions that balance an appropriate level of protection, continuity of trade, and food security?
- c. Do you recommend changes or additions to OIE Code related to establishing a zone or compartment?

### 3. Topic: HPAI Prevention Programs (3 minutes per panelist)

Tell us what your country's poultry industries are doing to prevent introduction of HPAI in their flocks.

- a. What is your government is doing to prevent introduction of HPAI in commercial flocks?
- b. Do you recommend changes or additions to OIE Code related to a region regaining freedom after an outbreak or discontinuing a vaccination program?

### 4. Topic: Rulemaking process for HPAI import restrictions (3 minutes per panelist)

Describe the process your country's animal health authority uses to make rules and restrictions for importing poultry and poultry products and if you recommend changes or additions to OIE Code.

- a. How do you handle transit of live poultry or hatching eggs through HPAI affected areas?
- b. What is your process for importing poultry or poultry products from regions that practice vaccination?
- c. Explain your country's status if the infection is in commercial vs noncommercial flocks?

## Lower Priority Questions

Use these topics if the panel has time to discuss (3 minutes maximum allowed for response per panelist).

### 5. Topic: Transit risk

- a. What is the risk of HPAI exposure to poultry or poultry products transiting HPAI affected areas?
- b. What are reasonable methods to mitigate the risk of AI transmission from poultry or poultry products transiting HPAI affected areas?

### 6. Topic: Risk of introducing HPAI from importing poultry products

- a. In your opinion, what is the risk to your country's poultry flocks from imported poultry meat, table eggs, and other poultry products for human consumption?

### 7. Topic: Risk of introducing HPAI from importing live birds and hatching eggs

- a. What is the risk to your country's poultry flocks from imported day-old chicks or hatching eggs?

### 8. Topic: Use of vaccination in HPAI eradication

- a. Does your country use avian influenza vaccine? What is the goal of the vaccination program?
- b. What is the exit strategy for discontinuing the use of vaccination?
- c. What constitutes adequate surveillance for avian influenza for a country using avian influenza vaccine?

### 9. Topic: Length of time to regain freedom

- a. How long does your country require a region to be free of HPAI before imports of live poultry are allowed?

### 10. Topic: Communicating with trading partners regarding HPAI activities and import conditions

- a. How does your country communicate with trading partners regarding avian influenza response and control activities?
- b. What is the best way for a trading partner to communicate with your animal health officials regarding trade policies and import conditions for poultry and poultry products?

### 11. Topic: Zoning arrangements between trading partners

- a. Do you have agreements with trading partners regarding how zoning decisions are made and accepted by the importing country?

### 12. Topic: Current HPAI epidemiology research

- a. What research projects are ongoing or recently completed that were intended to answer questions about routes of introduction of avian influenza virus into poultry flocks in your country?

## Presenter Abstracts and Biographies (in alphabetical order)

[Due to the limitation in space for this printed program, some biographies and author information has been shortened to fit the document. Information is what was received as of June 19, 2015. This information has not been edited. Thank you to all participants who submitted information. More details are available on the conference website.)

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### Bruschke, Christianne – CVO of the Netherlands

**Presentation:** Control and Prevention of HPAI in the Netherlands

Christianne Bruschke graduated in 1991 as veterinarian and started working in a mixed private practice in the north of the Netherlands. In 1993 she joined the Virology department of the Central Veterinary Institute in Lelystad where she did a PhD on pestivirology and was heading the laboratory for bovine virology from 1994 on. After the classical swine fever outbreak in the Netherlands she was seconded for a year to the Inspection Service for Livestock and Meat to support the updating of the Dutch contingency plans. A year later she returned to Lelystad as head of the unit Notifiable Diseases and 2 years later she became director of the Division of Infectious Diseases. In 2005 joined the Ministry of Agriculture and was seconded to the OIE where she led the global Avian Influenza Programme. In 2008 she returned to The Hague as deputy Chief Veterinary Officer and since 2010 she is the Chief Veterinary Officer of The Netherlands. She is the primary adviser to the Minister of Agriculture on all veterinary and veterinary public health issues.



Christianne Bruschke

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### Cardona, Carol – University of Minnesota

**Presentation:** Reflecting on influenza prevention and control

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### Dung, Do Huu, Department of Animal Health, Ministry of Agriculture and Rural Development, Viet Nam

**Panel Discussion:** Recent HPAI experiences and perspectives

Education: Master of Philosophy (MPhil) in Agriculture, The University of Reading, United Kingdom, 2004 . Thesis title: "Applying a knowledge management approach to the Vietnamese Animal Health Information System" Doctor of Veterinary Medicine (DVM), Hanoi University of Agriculture, Vietnam, 1995. Other training: Attended in various overseas training courses on veterinary epidemiology, mathematical modelling for infectious diseases, project management, risk analysis, etc.



Do Huu Dung

**Evans, Brian, Deputy Director General, Animal Health, Veterinary Public Health and International Standards, Head of the Scientific and Technical Department, World Organisation for Animal Health (OIE)**

**Presentation:** International standards for HPAI risk mitigation

Dr. Brian Evans is an alumnus of the University of Guelph, Ontario, Canada where he obtained a Bachelor of Science in Agriculture in 1974 and a Doctor of Veterinary Medicine in 1978. Dr. Evans had a distinguished career in public service which included serving as the fourteenth Chief Veterinary Officer of Canada for a period of fifteen years as well as Governor-In-Council appointments, initially as the Executive Vice President of the Canadian Food Inspection Agency, then as Canada's first Chief Food Safety Officer and finally as a special advisor to the President of the Canadian Food Inspection Agency. Dr. Evans also served as the Government of Canada's delegate to the 180 member country World Organisation for Animal Health (OIE) for fourteen years. During that time he was elected as the Secretary General for the OIE Regional Commission for the Americas and to four consecutive three year terms as a representative of the member countries of the Americas Region on the Council of the OIE.



Brian Evans

**Gethmann, Jörn Martin – Senior Scientist, Office: Friedrich Loeffler Institute, Federal Research Institute for Animal Health**

**Panel Discussion:** Recent HPAI experiences and perspectives

**EDUCATION/TRAINING:** March 2010, Postgraduate degree: Specialist in Epidemiology ("Fachtierarzt für Epidemiologie"); October 1996 – April 2000 Doctoral thesis (Dr. med. vet. (PhD)), Freie Universität Berlin, Germany; October 1990 – September 1996 Veterinary Medicine (DVM), Freie Universität Berlin, Germany

**PROFESSIONAL EXPERIENCE AND ACADEMIC APPOINTMENTS:** Since September 2006 Senior Scientist, Friedrich-Loeffler-Institut, Federal Research Institute for Animal Health, Institute of epidemiology; Main field of work: Epidemiological outbreak investigations, control and eradication of animal diseases, development of surveillance and monitoring programmes, economic analyses



Jörn Martin Gethmann

### Hall, Simon – Veterinary Director, Animal and Plant Health Agency

**Presentation:** Trade consequences of the Yorkshire (UK) HPAI outbreak

Previously the Chief Veterinary Officer (CVO) for Scotland, Simon will play a significant role in ensuring that veterinary judgement and expertise is at the heart of decision making in the agency. He qualified from Cambridge University in 1984 and spent six years in mixed veterinary practice in Devon and Gloucestershire. In 1990 Simon joined the then State Veterinary Service in Gloucester, where his varied workload included the investigation of BSE and tuberculosis cases.

A spell as a veterinary policy adviser in animal welfare at the Ministry of Agriculture, Fisheries and Food (MAFF) followed in 1997, and in 2001 he moved to the national control centre for Foot and Mouth Disease. This was followed by an appointment in Defra in the field of international trade, managing disease risks through import controls and supporting the British economy by facilitating exports of animals and animal products. Simon was Chief Veterinary Officer of Scotland from July 2009 to June 2011 when he became Veterinary Director of AHVLA.



Simon Hall

### Harchaoui, Abed – Senior Veterinarian, Canadian Food Inspection Agency

**Presentation:** Use of the Canada/U.S. zoning arrangement during the 2015 HPAI outbreaks

**Dr Abed Harchaoui** is a senior veterinarian with the Canadian Food Inspection Agency. He is in charge of the programs related to the reportable avian diseases including avian influenza. He was involved in the emergency management of several animal diseases in Canada including the latest highly pathogenic AI outbreaks. Abed has worked on a wide variety of issues related to the prevention, preparedness and response to AI. He practiced veterinary medicine in different fields: poultry, large and small animals and regulatory medicine in Canada and abroad. He is an active member of the North American Health and Security Working Group of the North American Plan for Animal and Pandemic Influenza (NAPAPI).

The presentation describes in its first part the process for establishment of a common framework for zoning for foreign animal diseases (FADs), to apply to both Canada and the United States. The arrangement on zoning is used to protect both countries from FADs but bilateral trade can continue from areas that are shown to remain disease free following an outbreak. The second part is describing the implementation of the zoning arrangement during the highly pathogenic avian influenza outbreaks in both countries in 2014-2015.



Abed Harchaoui

**Kim, Yongsang – Director, Veterinary Epidemiology Division, Animal and Plant Quarantine Agency (QIA), Republic of Korea**

**Panel Discussion:** Recent HPAI experiences and perspectives

Education: 1990, Graduated from the College of Veterinary Science, Seoul National University; 2001, Graduated from the Graduate School of the Seoul National University, (Ph.D, Veterinary Public Health). Professional Experience: 1990, Began career as a veterinary officer at Ministry of Agriculture and Forestry; 2004~2005, Worked for the Prime Minister's office; 2011~2013, Worked for the Korean Embassy in Washington D.C, USA; Aug. 2014, Work for the QIA.



Yongsang Kim

**Koch, Julie-Anne, Directorate Animal Health Import and Export Policy Unit**

**Presentation:** Official Oversight of Ostrich Compartments



**agriculture,  
forestry & fisheries**

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

**Kochhar, Harpreet S., Chief Veterinary Officer of Canada**

**Panel Discussion:** Recent HPAI experiences and perspectives

Dr. Harpreet S. Kochhar was appointed the Chief Veterinary Officer for Canada in January 2014. He is also Associate Vice-President of the Operations Branch at the Canadian Food Inspection Agency (CFIA). Dr. Kochhar joined the CFIA in 2002 as a Senior Animal Biotechnology Policy Specialist. Since then, he has worked in a number of roles in the CFIA's Science Branch, Operations Branch and Policy and Programs Branch, including Executive Director of Operations Strategies and Delivery, Executive Director of Western Area Operations and Executive Director of the Animal Health Directorate.

Prior to joining the CFIA in 2002, Dr. Kochhar worked as a veterinarian in private practice and an assistant professor with research interests in animal biotechnology at the University of Guelph's Ontario Veterinary College. Dr. Kochhar is a veterinarian by training with a Master's degree in Veterinary Science and a PhD in biotechnology. He is an expert on animal biotechnology for the World Organisation for Animal Health (OIE) and has worked internationally with such organizations as the U.N. Food and Agriculture Organization (FAO).

As Chief Veterinary Officer, Dr. Kochhar leads Canada's efforts to effectively manage current and emerging disease threats in order to protect animal and human health, and to maintain international trust in Canada's inspection and certification systems in support of market access.



Harpreet Kochhar

## Morzaria, Subhash, BVSc, MSc, PhD, CIBiol, MRCVS

### Presentation: FAO's role in global HPAI control

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Dr. Subhash is a veterinarian with an MSc and a PhD in Medical Parasitology from the London School of Hygiene and Tropical Medicine, Faculty of Medicine, UK. Subhash has acquired over 35 years of international experience in technical and management capacity on animal health and livestock development. He has worked for several national and international organisations in Africa, UK and Asia and has held senior research and managerial positions in various institutions that include the International Laboratory for Research on Animal Diseases (ILRAD) and International Livestock Research Institute (ILRI) of the Consultative Group on Agriculture (CGIAR), and the Food and Agriculture Organization (FAO) of the United Nations.

In Africa and the UK, he has contributed significantly in addressing a range of animal disease problems focusing on the improvement and commercialisation novel vaccines and diagnostics against a range of vector-borne pathogens. For the last 11 years Subhash has been working for the FAO's Regional Office for Asia and the Pacific, Bangkok in various capacities including coordinating FAO's Emergency Centre for Transboundary Animal Diseases (ECTAD) programme on high impact zoonotic and non-zoonotic infectious diseases.

He has contributed significantly towards the development of regional and international strategies for prevention and control of avian influenza and other priority transboundary animal diseases (TADs). More recently he has been involved in the development and promotion of One Health concepts, including coordinating and writing the interagency (FAO, WHO, UNICEF, UNSIC, OIE and WB) document: *Contributing to One World One Health: Strategic Framework for Reducing Risks of Infectious Diseases at the Animal-Human-Ecosystems Interface*. Subhash has authored over 200 scientific papers in international refereed journals and has supervised a number of PhD students in the Africa, UK and Asia. He is also Adjunct Professor at University of Murdoch, Perth, Australia.



Subhash Morzaria

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## Myers, T.J., USDA APHIS

### Presentation: U.S. avian influenza surveillance programs

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The National Poultry Improvement Plan (NPIP) is a longstanding industry-government program that has been instrumental in improving the health of U.S. poultry. Dr. Myers will give a brief overview of the NPIP, then describe in more detail how NPIP forms the basis for avian influenza surveillance in commercial poultry in the United States.

## Okura, Tatsumi, DVM

Japan have experienced several times of HPAI outbreak. Most recently, five cases occurred in chicken farms in Japan from December 2014 to January 2015. In every case, we succeeded in preventing the spread of infection largely as a consequence of early detection, rapid and appropriate initial responses. Behind this, our control measures against HPAI have improved radically in recent years based on the experience of outbreaks. At this conference, we would like to explain the outline of control measures against HPAI and recent outbreaks in Japan.

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Graduated from Tokyo University of Agriculture and Technology, Faculty of Veterinary Medicine in 1998, afterward, joined Ministry of Agriculture, Forestry and Fisheries (MAFF). Since then, mainly experienced animal disease control affairs, and experienced various areas including; the first secretary of Japanese Embassy in Denmark, the assistant director of Meat and Egg Division of MAFF. From 2012 to present, Deputy Director of Animal Health Division of MAFF.



Tatsumi Okura

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## Reviriego Gordejo, Francisco Javier, European Commission

**Presentation:** Avian Influenza control strategy: the EU experience

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Dr Francisco Javier REVIRIEGO GORDEJO obtained his PhD (1999) in Veterinary Epidemiology from the Universidad Complutense de Madrid and his degree (1988) in Veterinary Science from the same university. He worked as Official vet for the Autonomous Region of Castilla y Leon where he was responsible for implementing eradication programmes, BSE regional surveillance programme and from 1991 to 1996, he was Head of the Animal Health Laboratory of Avila and before worked as a veterinarian with the Pig Farmers' Association from 1990 to 1991.

He joined the European Commission (DG SANCO) in 2001 as a Legislative Veterinary Officer. In 2005 was Head of Sector Epidemiology and Eradication, and since 2008 is as Head of the Sector Disease Control and Identification.

In addition to his work at DG SANCO, Dr Reviriego Gordejo participated in a number of World Organisation for Animal Health (OIE) ad hoc groups on brucellosis, tuberculosis, bluetongue, Schmallenberg, epidemiology and modelling. He is founding member of the Spanish Veterinary Laboratory Diagnosticians Association and the Spanish Veterinary Epidemiologists Association. He holds a postgraduate diploma (2000) in Statistics and Design in Health Sciences.



Francisco Javier  
Reviriego Gordejo

## Rosales, Gregorio, DVM, M.S., Ph.D, Diplomate ACPV

### Panel Discussion: Recent HPAI experiences and perspectives

Dr. A. Gregorio (“Greg”) Rosales was born and raised on a broiler farm near Mexico City. In 1979 he received his DVM degree from the National Autonomous University of Mexico and joined a broiler company as a Staff Veterinarian. Subsequently he was awarded a scholarship and earned a M.S. degree from the University of Georgia in 1983. He returned to his *alma mater* in Mexico City and served as an Associate Professor and Head of Poultry Diagnostic Services at the College of Veterinary Medicine until 1985. He returned to the University of Georgia and received a Ph.D. in 1988. He then joined the Primary Broiler Breeding Industry and served as Director of Technical Services for Indian River International in Nacogdoches, Texas until 1991.



Gregorio Rosales

In 1991 he joined Ross Breeders, now Aviagen North America, and served as a Staff Veterinarian, Director of Veterinary Services, and since 1997 as Vice President of Veterinary Services. Dr. Rosales has been a participant in the USDA/NPIP Program since 1988, is a Diplomate of the American College of Poultry Veterinarians since 1992, member of the USAHA Transmissible Diseases of Poultry Committee since 1993, and the Poultry Health Committee of the National Chicken Council since 1997. In 2012 Dr. Rosales received a Special Service Award from the American Association of Avian Pathologists where he has served in the Scientific Program, Tumor Virus Diseases, and Animal Welfare committees. This year he was awarded the Lamplighter Award from the US Poultry and Egg Association for his continued service and dedication to the poultry industry.

## Saito, Takehiko – Japan MAFF

### Presentation: H5/H7 risk analysis update

Avian Influenza virus of H5 or H7 subtype in poultry meat is a matter of concern in the international trade of poultry product. Particularly, amount of Low Pathogenicity Avian Influenza Virus (LPAIV) disseminated into poultry muscle may vary depending upon the strains examined. We investigated if LPAIVs would be frequently detected in chicken muscle of experimentally infected SPF chickens with 10 LPAIVs of either H5 or H7. We demonstrated that replication efficiency of most of the LPAIVs was low in chickens and only one strain was detected in muscle specimen by either virus isolation or qRT-PCR. In addition, frequency of the isolation of the virus in muscle was low. Such examinations and the results provide scientific bases for discussion on animal health status upon mutual trade of poultry products.



Takehiko Saito

Graduated from Hokkaido University, Faculty of Veterinary Medicine in 1987, Research fellow at St. Jude Children’s Research Hospital from 1991 to 1994, Obtain PhD from Hokkaido University in 1994, Assistant Professor at Kobe University from 1994 to 1997, Researcher, and Chief Researcher at National Institute of Infectious Diseases from 1997 to 2005. National Institute of Animal Health from 2005 to present. Director of Influenza and Prion Disease Research Center at NIAH from 2014.

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Su, Yang – Director, State Key Quarantine Laboratory of Exotic Disease

**Panel Discussion:** Recent HPAI experiences and perspectives

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Director of State Key Quarantine Laboratory of Exotic Disease, director of Animal Quarantine Laboratory of Technical Center of Zhuhai Inspection & Quarantine Bureau, member of Technical and Scientific Committee of AQSIQ (General Administration of Quality Supervision, Inspection and Quarantine of P.R.C).

Professor, PhD, graduated from the Faculty of Veterinary Medicine of South Agriculture University in China. Complete dozens of research projects and won prizes of science and technology progress since 2000, mainly focusing on avian influenza viruses: (1) Comparison of the Biological Properties of Plaque-Cloned H5N1 Subtype AIV Strains and Study on the Real-Time Fluorescent RT-PCR Technique; (2) Research on fish and aquaculture water transmitting avian influenza viruses.



Yang Su

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Swayne, David – USDA ARS

**Keynote Address:** Risk of introducing avian influenza through trade in live poultry and poultry products

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Dr. David E. Swayne is the Center Director (1994-present) of U.S. Department of Agriculture's *in house* high biocontainment laboratory for poultry health research. He has a Doctorate of Veterinary Medicine (University of Missouri, 1984), a PhD in Veterinary Pathology (University of Georgia, 1987), and is board certified specialist - Veterinary Pathology, 1988; Poultry Veterinarian, 1992. For past 28 years, his personal research has focused on pathobiology and control of avian influenza in poultry. Dr. Swayne has served on World Organization for Animal Health (OIE) committees to update the Avian Influenza chapters in Terrestrial Animal Health Code and Manual, and completed a 16 month sabbatical to study highly pathogenic avian influenza control programs. He currently serves as Chair of the Executive Committee for OFFLU, the joint OIE/FAO Animal Influenza Network. He has participated in missions or conferences on avian influenza control and biosafety/biosecurity in 44 countries during the past 15 years. He has published over 277 peer-reviewed papers on poultry health issues.



David Swayne

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Torres, Alberto, U.S. Poultry and Egg Association, Cobb-Vantress

**Presentation:** Biosecurity for live poultry in transit

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My veterinary degree is from the National Autonomous University of Mexico (UNAM). taught for a few years at the Animal Nutrition and Biochemistry Dept. of UNAM, subjects related to animal nutrition and feeding, before going to New Zealand to work on a MSci. Degree at the Animal Science Dept. at Massey University. Hold a PhD in poultry health from the Poultry Science Dept. of the University of Arkansas. Have been with Cobb as the export manager, shipping day-old chicks and hatching eggs for 9 years.



Alberto Torres

**Tu, Wen-Jane – Secretary General of Bureau of Animal and Plant Health  
Inspection and Quarantine (BAPHIQ)**

**Panel Discussion:** Recent HPAI experiences and perspectives

Dr. TU is the Secretary General of Bureau of Animal and Plant Health Inspection and Quarantine (BAPHIQ) since September 2014.

Prior to becoming the Secretary General, she served in BAPHIQ's Animal Quarantine Team in 1999-2011 for all animal quarantine matters related to ensuring the process of border inspection, technical training and import/export regulations setting are in line with the Agreement on the Application of Sanitary and Phytosanitary Measures (SPS Agreement) of the World Trade Organization (WTO) and following standards and guidelines which have been set by the World Organization of Animal Health (OIE) to maintain the Appropriate Level of Protection of Taiwan as a way to protect and improve health and productivity of the nation's animals and animal products.



Wen-Jane Tu

## List of APHIS Participants

	Traveler	Business Unit*	Duty Station City	Duty Station State
<b>APHIS PARTICIPANTS</b>				
1.	Jere Dick	APHIS	Washington	DC
2.	John Clifford	VS	Washington	DC
3.	Jack Shere	VS	Washington	DC
4.	Mark Davidson	NIES	Riverdale	MD
5.	Jonathan Dumas	NIES	Riverdale	MD
6.	Joyce Bowling-Heyward	NIES	Riverdale	MD
7.	Jacek Taniewski	NIES	Riverdale	MD
8.	Eric Coleman	NIES	Riverdale	MD
9.	Rick Hill	NIES	Ames	IA
10.	Julie Gauthier	NIES	Raleigh	NC
11.	Candace Shearin	NIES	Raleigh	NC
12.	Adis Dijab	NIES	Montgomery	AL
13.	Lisa Ferguson	NIES	Riverdale	MD
14.	Laura Moyo	NIES	Miami	FL
15.	Michael David	NIES	Riverdale	MD
16.	Ed Arza	NIES	Riverdale	MD
17.	Bettina Helm	NIES	Riverdale	MD
18.	Ellen Buck	NIES	Riverdale	MD
19.	Jill Wallace	NIES	Riverdale	MD
20.	Tony Ramirez	NIES	Riverdale	MD
21.	Sara Kaman	NIES	Riverdale	MD
22.	Christina Loiacono	STAS	Ames	IA
23.	Mia Torchetti	STAS	Ames	IA
24.	Bruce Carter	STAS	Ames	IA
25.	Byron Rippke	STAS	Ames	IA
26.	Randall Levings	STAS	Ames	IA
27.	Carol LoSapio	STAS	Ft. Collins	CO
28.	Rebecca Jones	STAS	Ft. Collins	CO
29.	Lindsey Garber	STAS	Ft. Collins	CO
30.	Aida Boghossian	STAS	Frederick	MD
31.	Monica Brown-Reid	STAS	Frederick	MD
32.	TJ Meyers	SPRS	Riverdale	MD
33.	Denise Brinson	SPRS	Riverdale	MD
34.	Fidel Hegngi	SPRS	Riverdale	MD
35.	Coleen Bruning-Fann	SPRS	East Lansing	MI
36.	Brian McCluskey	SPRS	Ft. Collins	CO
37.	Michael Tadle	PPD	Riverdale	MD
38.	Mohamed Ibraheim (FSIS)	FSIS	Riverdale	MD
39.	Ying Zhang (LES China)	IS		

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	<b>Traveler</b>	<b>Business Unit*</b>	<b>Duty Station City</b>	<b>Duty Station State</b>
40.	Xavier Mennig (LES Brussels)	IS		
41.	Cristobal Zepeda (FS)	IS		
42.	Morella DeRosa (CS)	IS		
<b>OTHER FEDERAL PARTICIPANTS</b>				
43.	David Swayne	ARS	Athens	GA
44.	Eileen Thacker	ARS	Washington	DC
45.	Cyril Gay	ARS	Beltsville	MD
46.	Bob Smith (NIFA)	NIFA	Washington	DC
47.	Mark Perigen (AMS)	AMS	Washington	DC
48.	Marvin Meinders (DHS)	DHS	Washington	DC
49.	Teresa Qultugua (DHS)	DHS	Washington	DC
50.	Yandance Brown (DHS)	DHS	Washington	DC
51.	Placeholder (CBP)	CBP	Washington	DC
52.	Oscar Ferrara (FAS)	FAS	Washington	DC
53.	Mary Rose Parrish Espinossa / Paul Spencer (FAS)	FAS	Washington	DC
54.	Adam Langer (CDC)	CDC	Washington	DC
55.	Jeffrey Hamer (FDA)	FDA	Washington	DC
56.	Stephen Goldsmith (FBI)	FBI	Washington	DC
<b>STATE PARTICIPANTS</b>				
57.	Jim Watson	NASAHO	Montgomery	AL
58.	Brandon Doss	NASAHO	Little Rock	AR
59.	Mike Kopp	NASAHO	Indianapolis	IN
60.	Carol Cardona	UMN	St.Paul	MN
61.	Dr. Gay Miller	UIL		IL
<b>INTERNATIONAL PARTICIPANTS</b>				
	Edgar Felix Natanel Dombolo (Angola)	NA	Luanda	AO
62.	Mark Trotman (Barbados)	NA		
63.	Miguel Angel Depaz (Belize)	NA		
64.	Karamatou Wabi (Benin)	NA	Porto Novo	BJ
65.	Guilherme Henrique Figueiredo Marques (Brazil)	NA	Brasilia	BR
66.	Bruno Pessamilio (Brazil)	NA		
67.	University of Sao Paulo Professor (Brazil )	NA		
68.	Jaspinder Komal (Canada - CFIA)	NA	Ottawa	CA
69.	Abed Harchaoui (Canada - CFIA)	NA	Ottawa	CA
70.	Harpreet Kochhar (Canada - CFIA)	NA	Ottawa	CA
71.	Mohit Baxi (Canada - CFIA)	NA	Ottawa	CA
72.	Eduardo Santos (Chile)	NA	Washington	DC
	Yang Su (China)	NA	Beijing	CN
73.	Jorge Sosa (Colombia)	NA	Bogota	CO

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	<b>Traveler</b>	<b>Business Unit*</b>	<b>Duty Station City</b>	<b>Duty Station State</b>
	Manuel Emilio Vargas Chavarria (Costa Rica)	NA	San Jose	CR
<b>74.</b>	Per S. Henriksen (Denmark)	NA		
<b>75.</b>	Sr. Fernando Marte (Dominican Republic)	NA		
<b>76.</b>	Nimia “Lisette” Gomez (Dominican Republic)	NA		
<b>77.</b>	Gehad Salah Mohamed Ali (Egypt)	NA	Cairo	EG
<b>78.</b>	Estela Maria Centeno Betrán (El Salvador)	NA		
<b>79.</b>	Francisco Revieriego-Gordejo (EU)	NA		
<b>80.</b>	Brian Evans (OIE)	NA	Brussels	BE
<b>81.</b>	Subhash Morzaria (FAO/Italy)	NA		
<b>82.</b>	Catherina Rogy (France)	NA	Washington	DC
<b>83.</b>	Jörn Martin Gethmann (Germany)	NA	Frankfurt	DE
<b>84.</b>	Ben Aniwa (Ghana)	NA	Accra	GH
<b>85.</b>	Anthony Nsoh Akunzule (Ghana)	NA	Accra	GH
<b>86.</b>	Colbert Bowen (Guyana)	NA		
<b>87.</b>	Tjahjani Widiastuti (Indonesia)	NA	Jakarta	ID
<b>88.</b>	Mahmoud Orabi (IS)	IS	Cairo	EG
<b>89.</b>	Osbil O. Watson (Jamaica)	NA	Kingston	JM
<b>90.</b>	Tatsumi Okura (Japan)	NA	Tokyo	JP
<b>91.</b>	Takehiko Saito (Japan)	NA	Tokyo	JP
<b>92.</b>	Ziad Almomani (Jordan)	NA	Amman	JO
	Samat Tyulegenov (Kazakhstan)	NA	Astana	KZ
	Madina Abdugalimova (Kazakhstan)	NA		
<b>93.</b>	Rocio Campuzano (Mexico)	NA	Mexico City	MX
<b>94.</b>	Igor Romero Sosa (Mexico)	NA	Mexico City	MX
	Kyaw Naing Oo (Myanmar)	NA	Naypyidaw	MM
<b>95.</b>	Christianne Breschke (Netherlands)	NA		
<b>96.</b>	Abdulganiyu Abubakar (Nigeria)	NA	Abuja	NG
<b>97.</b>	Lucy Johnston (New Zealand)	NA		
<b>98.</b>	Bakar Abdulrahman M. Alturcif (Saudi Arabia)	NA	Riyadh	SA
<b>99.</b>	Ghazi Abdulraouf M. Yagmour (Saudi Arabia)	NA	Riyadh	SA
<b>100.</b>	Khaled Saad R. Abuhimed (Saudi Arabia)	NA	Riyadh	SA
<b>101.</b>	Mpho Maja (South Africa)	NA	Cape Town	ZA
<b>102.</b>	Julie-Anne Koch (South Africa)	NA	Cape Town	ZA
<b>103.</b>	Yong Sang Kim (South Korea)	NA	Seoul	KR
<b>104.</b>	Edmund Rozenblad (Suriname)	NA		
<b>105.</b>	Wen-Jane Tu (Taiwan)	NA	Taipei	TW
<b>106.</b>	DC-based placeholder (Taiwan)	NA	Washington	DC
<b>107.</b>	DC-based placeholder (Taiwan)	NA	Washington	DC
<b>108.</b>	Chantanee Buranathai (Thailand)	NA	Bangkok	TH
<b>109.</b>	David Kangaloo (Trinidad and Tabago)	NA		

	<b>Traveler</b>	<b>Business Unit*</b>	<b>Duty Station City</b>	<b>Duty Station State</b>
<b>110.</b>	Simon Hall (United Kingdom)	NA	London	GB
<b>111.</b>	Do Huu Dung (Vietnam)	NA	Hanoi	VN

**\*List of Acronyms:**

APHIS	Animal and Plant Health Inspection Service
ARS	Agricultural Research Service
CDC	Centers for Disease Control
DHS	Department of Homeland Security
FAS	Foreign Agricultural Service
FBI	Federal Bureau of Investigation
FDA	U.S. Food and Drug Administration
FSIS	USDA Food Safety and Inspection Service
IS	International Services
NASAHO	National Association of State Animal Health Officials
NIES	National Import Export Services
NIFA	National Institute of Food and Agriculture
SPRS	Surveillance, Preparedness, and Response Services
STAS	Science, Technology, and Analysis Services
UMN	University of Minnesota

## List of Industry Participants

	First Name	Last Name	Company
1.	Ton	Akkerman	Netherlands Embassy
2.	Onallo	Akpa	Poultry Association of Nigeria
3.	Mabel	Aworh	Department of Veterinary Services, Federal Ministry of Agriculture, Abuja, Nigeria.
4.	Mabel	Aworh	Dept. of Veterinary Services, Federal Ministry of Agriculture, Abuja, Nigeria.
5.	Andrew	Bailey	National Turkey Federation
6.	George	Boggan	CEVA Animal Health
7.	Phil	Boyd	Turkey Farmers of Canada
8.	Joel	Brandenberger	National Turkey Federation
9.	Christianne	Bruschke	Ministry of Economic Affairs of the Netherlands
10.	Mark	Burleson	Wayne Farms LLC
11.	Maire	Burnett	British Poultry Council
12.	Shane	Calhoun	OK Foods
13.	Giuseppe	Caminiti	Canadian Hatching Egg Producers
14.	Atilio	Canas	Asociación de Avicultores de El Salvador
15.	LUIZ FELIPE	CARON	Federal University of Paraná
16.	Jose	Chipollini	CCF Brands
17.	Peggy	Contreras	ANAVI
18.	Jim	Dawe	Claxton Poultry Farms
19.	Cesar	de Anda	International Egg Commission
20.	Jihad	Douglas	Aviagen Turkeys
21.	Jorge	Duque	Cargill Meats Central America
22.	John	ElAttrache	Ceva Animal Health
23.	H. Pettit	Ewing	Koch Foods, LLC.
24.	Marty	Ewing	Sanderson Farms, Inc.
25.	oscar	garrison	united egg producers
26.	John	Glisson	USPOULTRY
27.	Mario José	González Herrera	Disatyr, S.A
28.	Robert	Gooch	British Free Range Egg Producers Association
29.	Nelva	Grando	BRF
30.	Chad	Gregory	United Egg Producers
31.	Cihangir Gultekin	GUMUSTEPE	Ministry of Food Agriculture and Livestock
32.	Scott	Gustin	Tyson Foods, Inc.
33.	Michael	Hall	Canadian Livestock Genetics Association
34.	David	Hermes	Perdue Foods LLC
35.	JORGE	HODGSON	SOPRAVAL S.A.
36.	Robin	Horel	Canadian Poultry & Egg Processors Council
37.	John	Howeth	American Egg Board
38.	Haiqian	Huang	China Chamber of Commerce for Import & Export of Foodstuffs, Native Products and Animal By-products
39.	Eric	Jensen	Aviagen
40.	Jorge	Jimenez	Asociacion de Avicultores de El Salvador
41.	Alice	Johnson	Butterball.com
42.	Bob	Kelly	Hidden Villa Ranch
43.	Kenneth	Klippen	National Association of Egg Farmers
44.	Michelle	Kromm	Jennie-O Turkey Store
45.	Julian	Madeley	International Egg Commission

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46.	Guilherme	Marques	Ministry of Agriculture, Livestock and Food Supply of Brazil
47.	Shelly	McKee	USA Poultry and Egg Export Council
48.	Jean	Murphy	USAPEEC
49.	Neil	Newlands	Egg Farmers of Canada
50.	Victoria	Norgbey	Greater ACCRA Poultry Farmers Association
51.	Bill	Northey	Iowa Department of Agriculture and Land Stewardship
52.	Terrence	OKeefe	WATT Global Media
53.	Adriaan	Olivier	Klein Karoo International Pty Ltd
54.	Randy	Olson	Iowa Poultry Association/ Iowa Egg Council
55.	Kenneth	Opengart	Keystone Foods
56.	Juan Miguel	Ovalle	APA
57.	Ashley	Peterson	National Chicken Council
58.	Lisa Wallenda	Picard	National Turkey Federation
59.	Marshall	Putnam	Ceva
60.	Isabel	Quintero Moreno	Ministry of Agriculture Development
61.	Javier	Ramirez	Lohmann Tierzucht GmbH
62.	Don	Ritter	Mountaire Farms Inc.
63.	Rafael	Rivera	U.S. Poultry & Egg Association
64.	Allison	Rogers	National Chicken Council
65.	Greg	Rosales	Aviagen
66.	Will	Sawyer	Rabobank International
67.	Travis	Schaal	Hy-Line International
68.	Roberto	Se&as	Mexican Association of Poultry Producers
69.	John A.	Smith	Fieldale Farms Corporation
70.	Sara	Steinlage	Elanco Animal Health
71.	Jim	Sumner	USA Poultry & Egg Export Council / World Poultry Foundation
72.	Huseyin	Sungur	Turkish Egg Producers Association
73.	Gary	Thornton	WATT Global Media
74.	Jose Miguel	Torres	Agrosuper
75.	Donald	Tuckler	ANAPA (Egg, Poultry and Animal Feed Nicaraguan Association)
76.	Gustavo	Valenzuela	Cargill Honduras
77.	Fernando	Vargas	MERCK Animal Health
78.	Gustavo	von Bassenheim	Ovobrand S. A.
79.	Matthias	Voss	Poultry Veterinary Study Group of EU
80.	Kendra	Waldbusser	Pilgrim's
81.	Dalybert	Weastler	Avicola Villalobos, S. A/ Delegada Titular del Colegio de Médicos Veterinarios
82.	Damon	Wells	National Turkey Federation
83.	Greg	West	National Pasteurized Eggs Inc
84.	Scott	Westall	Case Farms
85.	Ben	Wileman	Willmar Poultry Company/ AgForte
86.	Daniel	Wilson	Rose Acre Farms
87.	Helen	Wojcinski	Hybrid Turkeys a division of Hendrix Genetics













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## Program Sponsors

- National Chicken Council
- National Turkey Federation
- U.S. Poultry & Egg Association
- United Egg Producers
- United States Department of Agriculture
- USA Poultry & Egg Export Council / World Poultry Foundation



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