



AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS

Newsletter Date:

May, 2007



Spring Newsletter

FROM THE PRESIDENT'S CORNER

Dear AAAP members:

We are rapidly approaching July and our scientific meeting and fantastic birthday celebration. Please accept this as a reminder to purchase your tickets for this exciting celebration. Bob Owen and his family have spearheaded the planning of the event, and it was a tremendous task. I want to thank Bob for all of his hard work and hope that you will also join me in thanking Bob at the meeting. It was an incredible donation of time. I also want to thank the History committee for putting together an impressive book of the history of AAAP. The book contains wonderful photos and scientific information that can be enjoyed by all. It is truly a lifelong gift for all of our members!

Our meeting will be expensive again this year following an equally expensive Hawaii meeting. If any of you know of potential contributors, please email Sue, Bob or myself and we can take it from there. We will also be hosting a silent auction again this year. Please let me know if you have items to contribute. There were a variety of items last year and the bidding was wild and furious at the end! The auction is a fun fundraising event that we hope to have every year.

As I mentioned last Fall, we will be instituting a new membership welcome at the beginning of the AAAP meeting in order to introduce these members to the opportunities in AAAP. If you are a new member or know of a new member, please let Sue Clanton know so that we can be sure and include you!

Shortly I will be sending out committee membership lists to the Chairs of each committee. There are a number of committees that I have not heard from, and I want to encourage Chairs to email me if there have been any changes in your core membership. If you want to join a committee and have not yet indicated your interest, please let me know. Our committees are the working backbone of AAAP and we encourage every member to join.

I hope to see all of you at the 50th Anniversary Meeting in DC!

Pat Wakenell

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Special points of interest:

- Upcoming Meetings
- Accolades
- Positions Available
- New Publication

Letter from the AAAP Secretary-Treasurer, Chuck Hofacre

50th Anniversary

I hope you see AAAP turning 50 years old as a big milestone. However, if you don't, I would like to take my space in this newsletter to give you some events that have been important to the success of the poultry industry through control of diseases by AAAP members to emphasize why I am looking forward to this summer's meeting and the big Birthday Party for AAAP.

Pullorum
Fowl Plague
Coccidiosis
Marek's
Reoviral tenosynovitis
Mycoplasma gallisepticum
Mycoplasma synoviae
Mycoplasma meleagridis
Avian encephalomyelitis
Fowl pox
Infectious bronchitis
Newcastle disease
Infectious Bursal Disease/Gumboro
And many more

Pick up your Diseases of Poultry, pick a disease, find an author, look in the references and you will find a former or present AAAP member who made significant contributions to our understanding or control of that agent(s). Where would the poultry industry be if we had no control for any of the above diseases? This summer many of the founding members of AAAP will be in Washington, D.C. to see what has become of the small organization they founded. They gave us a great foundation for the first 50 years and this meeting also launches AAAP into the next 50 years and beyond.

See you in Washington, D.C.



Chuck Hofacre
Secretary-Treasurer, AAAP



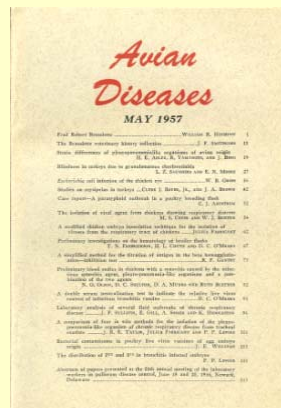


JSTOR is Here!!

Have you ever wished you could
look up an article in *Avian Diseases*
published in 1970?

How about one from 1957?

OR any year between 1957-2002?



Well, Now You Can!

All of the back issues of *Avian Diseases* are now available on the internet at: <http://www.jstor.org/>

User ID and password are necessary to access these issues.

Sue sent you the login info in February
but if you have misplaced it, contact her.





AVIAN DISEASES AND AVIAN DISEASES DIGEST UPDATE

Jagdev M. Sharma, Editor

Your membership dues cover access to the new AAAP journal

The electronic journal, *Avian Diseases Digest*, is our new AAAP member feature benefit initiated December 2006. This on-line journal, published concurrently with each issue of *Avian Diseases*, contains simplified, easy to read, summaries of scientific articles appearing in *Avian Diseases*.

Through this new paperless journal, our mission is to share scientific knowledge and promote avian health serving our members and the many outreach avian colleagues in your state. Send comments and feedback about *Avian Diseases Digest* to: addigest@umn.edu.

Please suggest an *Avian Diseases Digest* journal subscription to your professional colleagues and service personnel working in your state's poultry industry or government animal health agencies and boards. Send an e-mail to aaap@uga.edu to order subscriptions at an annual rate of \$45 for non-AAAP members. Corporate rates for bulk subscriptions are lower.

The third issue of *Avian Diseases Digest*, Volume 2, Number 2, due to be posted in early June, 07, can be found by going to the AAAP site: www.aaap.info Find the *Avian Diseases Digest* link and choose the article you want to read. You will be prompted to a log-in page where you enter your AAAP user ID and password.

Articles published in *Avian Diseases* have a long half-life

According to a recent issue of Journal Citation Reports, articles published in our journal have a cited half-life of over 10 years, considerably longer than most other journals in its category. This means that the scientific information published in *Avian Diseases* remains useful for researchers for an extended period of time.

Recent supplement issue dedicated to latest findings on avian influenza

Please log onto the AAAP site to access the latest supplement issue of *Avian Diseases* which contains most current information on avian influenza virus and its international impact on humans and poultry.

Access manuscripts on-line before publication

Since August 2006, AAAP members have had on-line access via the AAAP site to papers accepted for publication in *Avian Diseases*, weeks or months before they appear in print. Allowing the rapid, pre-publication access to new research is an on-line benefit for subscribers. Authors benefit by delivering their message without undue delay and receive credit in a timely manner for their research contributions.





A Sincere Thank You to
Intervet, Inc.
for sponsoring the
AAAP Welcome
Reception

at the
Grand Hyatt Hotel—Independence A Room
on Saturday evening, July 14, 2007
6:00—9:00 PM

Please be sure to thank Intervet
for their generosity



Thank You!!

In Advance for Your Support to the Upcoming Annual Meeting in Washington, D.C.

Diamond (> \$10,000)

Intervet
Fort Dodge
Merial Select

Platinum (\$5,000-\$10,000)

Biomune
Charles River Spafas

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Western Poultry Disease Conference (WPDC)
West Vets

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Mountaire Farms



AAAP
Board of Directors
2005-2006

Front row (L to R): Sue Clanton, Pat Wakenell,
Ching Ching Wu, Mick Fulton

Middle row: Louise Dufour-Zavala, Chuck Hofacre,
Rich Chin, Patty Dunn

Back row: Bob Owen, Stew Ritchie, and Rick Sharpton

145TH
AVMA
ANNUAL CONVENTION
July 14-18, 2007
WASHINGTON D.C.

d.c.o7

2006-2007 AAAP Board Members

NAME	POSITION
Pat Wakenell	President
Fred Hoerr	President-Elect
Chuck Hofacre	Secretary-Treasurer & Business Manager
Patty Dunn	Director – Northeast
Hector Cervantes	Director – South
Ching Ching Wu	Director – Central
Stew Ritchie	Director – West
Travis Cigainero	Director-At-Large
Mick Fulton	Director-At-Large
Bob Owen	Past-President

GREAT JOB!

THANKS TO EVERYONE!



**AMERICAN
ASSOCIATION OF
AVIAN PATHOLOGISTS**

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Athens, GA 30602-4875
Phone: 706-542-5645
Fax: 706-542-0249
E-mail: aaap@uga.edu
Website: www.aaap.info

AAAP Special Banquet & Awards Presentations

AAAP 50th Anniversary Banquet

Tuesday, July 17th, 6:30 –11:00 pm

Grand Hyatt Washington

Washington, DC

Includes Dinner, Live Band,
Entertainment, Dancing,
AAAP 50th Birthday Celebration,
and Awards Ceremony



Please help us by ordering your tickets by June 1st
from Sue Clanton by fax, mail or e-mail if you want to attend.



* **Cost is \$30.00 per ticket**



Tickets will be mailed to you upon receipt of your RSVP.

Contact Name Printed _____

Company _____

Address _____

City/State/Zip _____

Country _____

E-mail _____

Credit Card Number _____

Expiration Date _____

* **You must indicate # of people
attending & the choice of meals**

____ Tickets for a Steak Dinner

____ Tickets for a Vegetarian
Lunch

____ **Total # of Tickets**

AAAP; 953 College Station Road; Athens, GA 30602-4875

Fax to: 706-542-0249

E-mail to: aaap@uga.edu

AAAP's 50th Anniversary

Silent Auction in Washington, D.C.

Dear AAAP members:

The board has decided to hold another **silent auction** at the AAAP meeting in DC this July as a fun and different way to raise funds for AAAP.

All items of interest will be accepted – not just poultry related. Please email me about your donation and donation value at pswakenell@ucdavis.edu no later than 1 week prior to the meeting and I will respond with extra details. Let's all join in for this fun fundraising event!

Pat Wakenell

President



Silent Auction in Hawaii

Need Silent Auction Items

AAAP's 50th Anniversary



***Chuck Hofacre will be donating this clock which was
handmade by Dr. Bruce Calnek
to AAAP to be won in a raffle held at the
Annual meeting in Washington, D.C.***

***Tickets will be \$10.00 each
or 3 for \$25.00***

***You will want to get your tickets in the Poster Room of the
Convention Center***

AAAP's 50th Anniversary

AAAP Schedule of Events - Grand Hyatt (Washington, D.C.)

Notice: Nearly all committees are meeting Saturday & Sunday to not interfere with attending the Scientific Program

Date / Time	Meeting Name	Room Assignments
<u>Friday, July 13, 2007</u>		
6:45 am – 5:00 pm	AAAP Board of Directors Meeting	Latrobe
<u>Saturday, July 14, 2007</u>		
6:45 am – 12:00 pm	AAAP Board of Directors Meeting	Latrobe
1:00 pm – 3:00 pm	AAAP Foundation Board Meeting	Latrobe
3:30 pm – 6:00 pm	AAAP Board visits AVMA Washington Office	
7:00 am – 8:00 pm	ACPV Exam	Roosevelt/Wilson
7:00 am – 8:00 pm	ACPV Exam # 2	Cabin John
7:00 am – 10:00 pm	ACPV Exam # 3 – (Exam Grading Room)	Arlington
8:00 am – 5:00 pm	Association of Veterinarians in Broiler Practice	Constitution C (Breakfast-& Lunch—Renwick)
12:00 pm – 5:00 pm	Association of Veterinarians in Turkey Production	Burnham
2:00 pm – 4:00 pm	AAAP Membership Committee	Potomac
2:30 pm – 5:00 pm	AAAP Histopathology/ Case Report Interest Group	Conference Theater
3:00 pm – 4:00 pm	AAAP Education Committee	Bulfinch
3:00 pm – 4:30 pm	AAAP Biologics Committee	Washington Boardroom
3:00 pm – 5:00 pm	AAAP Poultry Research Priorities Committee	Renwick
3:30 pm – 5:30 pm	AAAP Avian Diseases Editorial Board Meeting	Constitution A
4:00 pm – 5:00 pm	AAAP Electronic Information Committee	Potomac
6:00 pm – 10:00 pm	AAAP – Intervet Reception	Independence A
<u>Sunday, July 15, 2007</u>		
7:00 am – 8:00 am	AAAP Awards Committee	Potomac
7:00 am – 8:30 am	Georgia MAM Alumni Breakfast	Constitution CD
11:30 am – 1:30 pm	Association of Primary Poultry Breeder Veterinarians Luncheon	Arlington/Cabin John
12:00 pm – 1:00 pm	AAAP Drugs & Therapeutic Committee	Renwick
12:00 pm – 1:30 pm	California Poultry Medicine Alumni	Constitution E

Continued on next page

AAAP's 50th Anniversary

AAAP Schedule of Events - Grand Hyatt (Washington, D.C.)

<u>Sunday, July 15, 2007</u>	Continued from previous page	
2:00 pm – 6:00 pm	ACPV Board Meeting	Renwick
3:00 pm – 4:00 pm	AAAP-AVMA Liaison Committee	Arlington
3:00 pm – 4:00 pm	AAAP Epidemiology Committee	Washington Boardroom
3:00 pm – 4:30 pm	AAAP Food Safety Committee	Cabin John
3:15 pm – 4:30 pm	AAAP History Committee	Potomac
3:15 pm – 5:15 pm	AAAP Animal Welfare Committee	Burnham
3:15 pm – 5:15 pm	AAAP Respiratory Diseases Committee	Constitution A
4:00 pm – 5:00 pm	AAAP Biotechnology Committee	Constitution E
4:00 pm – 5:00 pm	AAAP Diseases of Poultry Committee	Arlington
4:00 pm – 5:30 pm	AAAP Enteric Diseases of Poultry Committee	Roosevelt
4:00 pm – 5:00 pm	AAAP Toxic, Infectious, Miscellaneous & Emerging Diseases (TIME) Committee	Washington Boardroom
4:00 pm – 5:00 pm	AAAP Tumor Virus Committee	Wilson
7:30 pm – 11:00 pm	NC State University Poultry Health Management	Constitution CD
<u>Monday, July 16, 2007</u>		
7:00 am – 8:00 am	AAAP Eskelund Preceptorship Committee	Arlington
7:00 am – 9:00 am	Association of Veterinarians in Egg Production	Burnham
3:00 pm – 4:00 pm	AAAP Task Force on Future of AAAP	Washington Boardroom
<u>Tuesday, July 17, 2007</u>		
7:00 am – 9:00 am	ACPV Reception / Annual Meeting	Constitution AB
10:30 am – Noon	AAAP Business Meeting (Convention Center)	Room 207
4:30 pm – 11:00 pm	AAAP 50th Anniversary Party & Awards Banquet	Independence A
<u>Wednesday, July 18, 2007</u>		
6:45 am – Noon	AAAP Board of Directors Meeting	Farragut Square



American Association of Avian Pathologists

July 14-18, 2007

Washington DC Convention Center

Washington, D.C.



Monday, July 16, 2007 – Morning Program		
	Room 207A	Room 207B
	Moderator: A. G. Rosales	
8:00 AM	Keynote Speaker: John R. Glisson Room 207A The Future of Veterinary Medicine and Poultry Production	
	Moderator: Stewart Ritchie	Moderator: Kenton Kreager
8:30 AM	Poultry House of the Future Mark A. Dekich and Jeannine M. Harter-Dennis	Use of Molecularly Cloned Avian Leukosis Virus to Study Antigenic Variation Following Infection of Meat-Type Chickens Aly M. Fadly, Jody K. Mays, R. F. Silva, and H. D. Hunt
8:45 AM	Welfare Audits: Present and Future Needs of the Poultry Industry Ken Opengart	Diphtheritic Tumorous Growths Caused by Fowlpox Virus Containing REV Provirus Deoki N. Tripathy
9:00 AM	Annual Antibiotic Consumption in a Commercial Turkey Operation Eric Gonder and Becky Tilley	Molecular Characterization of Three Isolates of Avian Leukosis Virus Isolated From Contaminated Marek's Diseases Vaccines Taylor Barbosa, Guillermo Zavala, and Sunny Cheng
9:15 AM	Use of 4-H Project Turkeys as Serological Sentinels in North Carolina David V. Rives and Summer M. Russell	Control of Contemporary Marek's Disease Isolates Robin W. Morgan, Grace Isaacs, Mark Parcells, Milos Markis, Amy S. Anderson, Erin L. Bernberg, Sandra Cloud Rosenberger, and John K. Rosenberger
	Break 9:30 AM – 10:00AM	Break 9:30 AM – 10:00AM
	Moderator: Suzanne Young Stamey	Moderator: Susan Williams
10:00 AM	Teaching Poultry Necropsy Techniques to Afghan Veterinary Students Richard M. Fulton, Ezatullah Jaheed, and Robert M. Smith	Pathological and Viral Characterization of a Case of Splenomegaly in F Line Turkeys: Is HVT Able to Produce Disease? Devorah A. Marks, Aneg Lucia Cortes, John Barnes, Oscar J. Fletcher, and Isabel M. Gimeno
10:15 AM	Pre-Peak Lay Broiler Breeders with Impaired Mobility and High Mortality Associated with Myopathy and Hypocalcemia Valerie Rochelle Bullock, Michael P. Martin, Michael J. Wineland, Oscar J. Fletcher, and H. John Barnes	The Effect of Vaccination on Marek's Disease Virus Shedding Robert F. Silva, Abd A. El-Galil El-Gohary, and John Dunn
10:30 AM	Use of the I-Stat Serum Chemistry Analyzer for Evaluation of Flock Health in Pre-Peak Lay Broiler Breeders Michael P. Martin, Valerie R. Bullock, Michael J. Wineland, Oscar J. Fletcher, and H. John Barnes	A Comparison Between Marek's Disease Virus Production in Feather Pulp Versus Feather Follicle Epithelium (FFE) John R. Dunn, James B. Finlay, Richard L. Witter, and Robert F. Silva

Monday, July 16, 2007 – Morning Program		
	Room 207A	Room 207B
10:45 AM	Incubation Conditions and Leg Health in Large High Yield Broilers Edgar O. Oviedo-Rondón, Mike Wineland, Sarah Funderburk, Heather Cutchin, John Small, and Mike Mann	Effect of Vaccination on the Development of Marek's Disease Virus-Induced Eye Lesions Arun K.R. Pandiri, Aneq Lucia Cortes, and Isabel M. Gimeno
11:00 AM	Vertebral Canal Stenosis as a Cause of Lameness in Broilers: Additional Findings Kelli Jones, H. John Barnes, Kenneth C. Powell,	Relationship Between Load of Marek's Disease Vaccine DNA in Peripheral Blood and Level of Protection Aneq Lucia Cortes and Isabel M. Gimeno
11:15 AM	State Quarantines of Respiratory Disease Found at Auction: Lessons Learned Donna J. Kelly	Pathogenesis of Serotype 1 Marek's Disease Vaccines in the Lung Isabel M. Gimeno and Aneq L. Cortes
11:30 AM	Chromium Associated Discoloration of Egg Yolks in a Backyard Flock H. M. Opitz, Tiffany A. Wilson, Bruce R. Hoskins, Dawna J. Beane, and Xi Wang	Recombinant Marek' disease virus lacking the oncogene Meq as a candidate for future control of Marek's disease in chickens
11:45 AM	Differential Diagnosis of Liver Hemorrhage in Laying Hens Craig Riddell	Functions of Marek's Disease Virus MicroRNAs Robin W. Morgan, Amy S. Anderson, Erin L. Bernberg, Emily Huang, Grace Isaacs, Milos Markis, and Joan Burnside
	LUNCH NOON – 1:00 pm	
	Moderator: Hector Cervantes	Moderator: Richard Fulton
1:00 PM	Field Experiences in Commercial Broilers with an <i>In Ovo</i> Coccidiosis Vaccine Andrea J. Sinclair, David Kelly, Rebecca Poston, Cherilyn Heggen-Peay, Larry Charniga, Lynn Murray, and Vivian Doelling	Evaluation of Different Hemagglutinin-Neuraminidase (HN) Chimeras Using a Newly Developed Reverse Genetic System Based on the Mesogenic Anhinga Newcastle Disease Virus Strain Carlos Estevez, Qingzhong Yu, Daniel King, and Patti Miller
1:15 PM	Eimeria Shedding Patterns Under Various Environmental and Coccidiosis Management Programs Linnea J. Newman and Greg F. Mathis	Newcastle Disease Virus Isolates from US Waterfowl Reveal Novel Genomic Subgroups with Diverse and Evolving Genetics L. Mia Kim, Daniel J. King, David E. Swayne, David Stallknecht, Richard D. Slemons, Janice C. Pedersen, Dennis A. Senne, Kevin Winker, and Claudio L. Afonso
1:30 PM	Comparison of <i>Eimeria</i> Species Composition Between High-Performance and Low-Performance Broiler Operations Mark C. Jenkins, Spangler Klopp, Donald Ritter, and Katarzyna Miska	Presence of Newcastle Disease Virus and Avian Influenza Virus in Wild Birds at the Peruvian Coast Armando Gonzalez, Eliana Icochea, Rosa Gonzalez, Bruno Ghersi, and David Blazes
1:45 PM	Analysis of Gene Expression in the Intracellular Stages of the Poultry Parasite, <i>Eimeria acervulina</i> Katarzyna B. Miska and Raymond H. Fetterer	Isolation of Exotic Newcastle Disease Virus (ENDV) from Field Collected Flies and Experimental ENDV Infections of Three Arthropod Species Daniel J. King, Seemanti Chakrabarti, Claudio L. Afonso, Alec C. Geery, Carol J. Cardona, and David E. Swayne

Monday, July 16, 2007 – Afternoon Program		
	Room 207A	Room 207B
2:00 PM	Characterization of Novel Lytic Peptide Secreted by Intestinal Intraepithelial Lymphocytes Infected with Coccidia Hyun S. Lillehoj, Sung Hyun Lee, Doug Bannerman, and Yeong H. Hong	The Macroscopic and Microscopic Pathology Associated with Outbreaks of Exotic Newcastle Disease in Commercial Poultry, and Pigeon Paramyxovirus Infection in Laughing Doves (<i>Streptopelia Senegalensis</i>) in South Africa Neil M. Duncan and Emily P. Lane
2:15 PM	The Use of Chlorine Dioxide as a Disinfectant in a Broiler Hatchery Mark Burleson, Phil Stayer, John Smith, and Joel Tenney	A “Poult Enteritis Mortality Syndrome” in Guinea fowl: a Pathological and Etiological Study Jean-Luc Guerin, Bertrand Grenier, Cyril Boissieu, and Caroline Lacroux
	Break 2:30 PM – 3:00PM	Break 2:30 PM – 3:00PM
	Moderator: Kenneth Opengart	Moderator: Singh Dhillon
3:00 PM	Enumerating Salmonella in Poultry Samples using a DNA Sequence Capture Combined with Q-PCR Randall S. Singer and Janet M. Anderson	Newcastle Disease Virus Vaccine Potency Determination Karen A. Liljebjelke, Darrell R. Kapczynski, and Daniel J. King
3:15 PM	Is Salmonella Enterica Kentucky a Newly Emergent, Poultry Adapted Strain? John J. Maurer, Adriana Pedroso, Margie D. Lee, Holly Sellers, Erich Linnemann, and Katherine Zamperini	Avian Adeno-Associated Virus-Based Expression of the Newcastle Disease Virus HN Protein for Poultry Vaccination Francisco Perozo, Pedro Villegas, Carlos Estevez, Ivan Alvarado, and Linda Purvis
3:30 PM	Discrimination Between Strains of <i>Salmonella</i> Enteritidis PT13 and PT13a by Comparative Genome Sequencing of the Virulence Plasmid Jean Guard-Bouldin, Cesar Morales, Adam B. Olson, and Matthew W. Gilmour	Development of a Quantitative Light Cycler Real-Time PCR for the Detection of Fowl Adenoviruses Éva Nagy, Nadya Romanova, and Juan Carlos Corredor
4:00 PM	Crop Isolated Lymphoid Follicles and Ileal Peyer’s Patches in Egg-Layer Hens Challenged with <i>Salmonella</i> Enterica Enteritidis Lara E. Vaughn, Peter S. Holt, Randle W. Moore, and Richard K. Gast	Multiple Expressions of Inclusion Body Hepatitis P. A. Stayer, C. Gabriel Senties, and John El-Attrache
4:15 PM	Oligodeoxynucleotides Containing CpG Motifs (CpG-ODN) Confer Protection Against a Lethal Challenge of <i>Salmonella typhimurium</i> Septicemia in Neonatal Broilers Susantha Gomis, Azita Taghavi, Lorne Babiuk, Andrew Potter, Brenda Allan, George Mutwiri, and Andrew Van Kessel	Physiochemical and Molecular Characterization of Adenovirus-Like Virus (Isolate R11/3), The Putative Etiology of Transmissible Viral Proventriculitis James S. Guy, John Barnes, and Fred Fuller
4:30 PM	Construction and Evaluation of Recombinant <i>Salmonella</i> Vaccines Expressing <i>Eimeria</i> Antigen SO7 Vjollca Konjufca, Maria-Dolores Rodrigues, Mark Jenkins, Shifeng Wang, and Roy Curtiss III	Histopathology of Transmissible Viral Proventriculus Caused by Adenovirus-Like Virus (Isolate R11/3) H. John Barnes and James S. Guy
4:45 PM	Effects of RofenAid® Impact on Salmonella Enumeration in the Intestine and Litter and on Performance of Male Broiler Chickens after a Challenge with Salmonella and a Mixed Culture of Coccidia Sharon Heins Miller, Charles Hofacre, and Greg F. Mathis	Effect of Maternal Antibodies on Vaccine-Induced Protection of Turkey Poults Against Virulent Avian Metapneumovirus Subtype C Challenge Binu Velayudhan, Sally Noll, Sagar Goyal, David Halvorson, and Kakambi Nagaraja
5:00 PM	ADJOURN	ADJOURN

Tuesday, July 17, 2007 – Morning Program		
	Room 207A	Room 207B
	Moderator: Timothy Cummings	Moderator: Alejandro Banda
8:00 AM	Molecular Characterization of Reoviruses Isolated from Broilers with Runtling and Stunting Syndrome Reveals a Lack of Homogeneity with Current U.S. Vaccine Viruses Holly S. Sellers, Veronica Walker, Erich G. Linemann, and Guillermo Zavala	IFN-A Regulates Infectious Bursal Disease Virus Induced Macrophage Activation Mahesh Khatri and Jagdev M. Sharma
8:15 AM	Extensive Analysis of Pathogenicity Island PAI_{1APEC O1} of Avian Pathogenic <i>Escherichia coli</i> Subhashinie Kariyawasam, Lisa K. Nolan, and Timothy J. Johnson	Cell-Mediated Immunity Induced by a Macrophage-Adapted Infectious Bursal Disease Virus Jagdev M. Sharma and Mahesh Khatri
8:30 AM	Analysis of the Complete Genome Sequence of an Avian Pathogenic <i>Escherichia coli</i> Timothy J. Johnson, Subhashinie Kariyawasam, Yvonne Wannemuehler, Paul Mangiamale, Sara J. Johnson, Curt Koetkott, Jerod A. Skyberg, Aaron M. Lynne, James E. Johnson, and Lisa K. Nolan	Identification of Infectious Bursal Diseases Viruses from Several Countries Pedro Villegas, Linda Purvis, Francisco Perozo, and Taylor Barbosa
8:45 AM	Evaluation of Differentially Expressed Proteins Following Serum Exposure in Avian Pathogenic <i>Escherichia coli</i> Steven L. Foley, Cynthia Tyler, and Cheryl Lichti	Impact of IBD Vaccines on the Bursa and Other Immune Tissues of Commercial Broilers Enrique Montiel, Nikki Pritchard, and Julio Cruz-Coy
9:00 AM	Role of Large Plasmids in the Virulence of Avian Pathogenic <i>Escherichia coli</i> Melha Mellata and Roy Curtiss III	Challenge Studies with Infectious Bursal Disease and Chicken Anemia Virus Field Strains Linda B. Purvis, Pedro Villegas, John Smith, and Francisco Perozo
9:15 AM	<i>E. coli</i> Challenge Study in Commercial Broilers by Either Respiratory or Skin Route of Exposure and the Effect of Prior Vaccination With a Live Attenuated (aro-A) <i>E. coli</i> Kalen Cookson and Steve Davis	Efficacy of a Vectorized Commercial Vaccine Against Infectious Bursal Disease in Layers Eliana Icochea, Blanca Talavera, Elmer Dávila, Rosa Gonzalez, John Guzman, and Hermelinda Rivera
	Break 9:30 AM – 10:00AM	Break 9:30 AM – 10:00AM
	Moderator: Rich Chin	
	Lasher History Lecture: 10:00 – 10:30 AM Room 207A Origin and Evolution of the American Association of Avian Pathologists: 50 Years of Dedication and Accomplishment SPEAKER: Richard Witter	
	AAAP Business Meeting Room 207A 10:30 – 12:00 noon	
	Lunch 12:00 noon – 1:00 PM	

Tuesday, July 17, 2007 – Afternoon Program		
	Room 207A	Room 207B
	Moderator: David Ley	Moderator: Peter Woolcock
1:00 PM	A Challenging Case of Suspected <i>Mycoplasma gallisepticum</i> Infection in Broiler Breeders Frederic J. Hoerr, Lanqing Li, Samuel Christenberry, and C. Stephen Roney	REED RUMSEY AWARD: Cellular and Cytokine Responses Associated with Dinitrofluorobenzene-Induced Contact Hypersensitivity in Chicken M.F. Abdul-Careem, D. Bruce Hunter, Melissa D. Lambourne, Hamid R. Haghighi, Niroshan Thanthrige-Don, and Shayan Sharif
1:15 PM	Epidemiology of <i>Mycoplasma synoviae</i> Isolates in Georgia from 2000-Present V. A. Laibinis, S. H. Kleven, Louise Dufour-Zavala, and Guillermo Zavala	Serum and Yolk Antibody Titers in Late Stage Broiler Embryos Alan Avakian, Donald Link, and John Dickson
1:30 PM	The Evaluation of <i>Mycoplasma gallisepticum</i> Challenge Routes Naola Ferguson-Noel, Victoria A. Laibinis, Ziv Raviv, Ruth S. Wooten, and Stanley H. Kleven	Validation of a Multiplexed Fluorometric Immunoassay™ (MFIA™) for Health Monitoring of Specific Pathogen Free Chickens Joe H. Simmons, Elena Seletskaja, Theodore Girshik, Rajeev K. Dhawan, and William R. Shek
1:45 PM	Intraspecific Differentiating Real-Time PCR for <i>Mycoplasma gallisepticum</i> Live Vaccine Evaluation Stanley H. Kleven, Ziv Raviv, Scott A. Callison, and N. Ferguson-Noel	Bursal Disease-Marek's Disease Vaccine, Live Marek's Disease Virus Vector, Serotype 3, (VAXXITEK™) Vaccination Effect on NDV Vaccination Schedules in Commercial Broiler Type Birds Rafael Fernandez, Mike McCabe, Francisco Rojo, and Julio S. Cruz-Coy
2:00 PM	Effects of TS-11 Strain <i>Mycoplasma Gallisepticum</i> Vaccination in Broiler Breeders Infection and Immunity on the Breeders and Its Progeny Francisco J. Rojo, Alejandro Rojas, and Rafael J. Fernandez	Antibody-Antigen Complexes Against Chicken Infectious Anemia Virus Infection Karel A. Schat, Priscilla H. O'Connell, and Michael S. Piepenbrink
2:15 PM	Effect of Selected Water Temperatures Used in <i>Mycoplasma gallisepticum</i> Vaccine Reconstitution/Dilution on Color Change Units at Selected Time Intervals Scott L. Branton, Spencer A. Leigh, William B. Roush, Jody L. Purswell, Hammed O. Olanrewaju, and Stephanie D. Collier	The Effect of Vaccination Against Chicken Anemia Virus on Colonization, Shedding and Susceptibility to Infection with <i>Salmonella typhimurium</i> in Broilers Franz Sommer and Carol J. Cardona
2:30 PM	Use of the Microdilution Method for the Detection of the In Vitro Antimicrobial Susceptibility Against Avian Mycoplasmas Ariel M. Ortiz, Ernesto P. Soto, and Clemente F. Lemus	A Study of the Viral Shed of Laryngotracheitis in Cornish Birds at the Processing Plant During a Regional Outbreak and Area Wide LT Vaccination Bret Rings and Steve Breeding
2:45 PM	Antibiotic Resistance in <i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i> Isolates from Meat-Type Turkeys in Israel Sharon Levisohn, Irina Gerchman, and Shimon Perk	Comparison of the Tissue Tropism and Transmission of the Tissue Culture Origin (TCO) and Chicken Embryo Origin (CEO) Live-Attenuated Vaccines of Infectious Laryngotracheitis Virus (ILTIV) Andrés Rodríguez and Maricarmen García
3:00 PM	ADJOURN	ADJOURN

Wednesday, July 18, 2007 – Morning Program		
	Room 207A	Room 207B
	Moderator: Kalen Cookson	Moderator: Erica Spackman
8:00 AM	Vertically Transmitted Viral Arthritis (Reovirus) in Commercial Broilers: A Field Case Report Suzanne Young Stamey, Calvin Anthony, Kevin Crider, and Todd Cartwright	Characteristics of a Novel Infectious Bronchitis Virus Isolates from Delmarva Broiler Chickens Jack Gelb
8:15 AM	An Outbreak Of Tenosynovitis in Broilers Caused by Vertically-Transmitted Reovirus J. J. Courtney, M. M. E. Andersen, G. Zavala, H. S. Sellers, and S. M. Williams	Infectious Bronchitis Viruses Isolated in California 2004-2006 Peter R. Woolcock and Carol J. Cardona
8:30 AM	Unusual Case: Hemochromatosis Due to Lead Poisoning in a Wild Mallard Duck Scott D. Fitzgerald, Jessica S. Hoane, and Thomas M. Cooley	Pathogenesis of Infectious Bronchitis Virus in the Fully Functional Oviduct of Unvaccinated Laying Hens Kapil Chousalkar and Juliet R. Roberts
8:45 AM	Vitamin E Deficiency Induced Cardiomyopathy in Commercial Pekin Ducks Richard M. Fulton	The Dynamics of Spray Vaccination for IBV in Commercial Broilers Mark W. Jackwood, Deborah A. Hilt, and Enid T. McKinley
9:00 AM	Field Report: Acute Sodium Toxicosis in Turkey Poults Charles Corsiglia, Rocio Crespo, Richard Chin, H. L. Shivaprasad, Murugan Subbiah, Birgit Puschner, and Arthur Bickford	Rapid Selection in Chickens of a Subpopulation Within an Attenuated Infectious Bronchitis Virus Vaccine Vicky L. Van Santen, Haroldo Toro, and Kellye S. Joiner
9:15 AM	Effect of Novel Intestinal Anaerobes on Early Development of the Broiler Intestine Margie D. Lee, Brett Lumpkins, Youngiae Cho, and Amy Batal	Risk Factors Associated with the Prevalence of Airsacculitis in Broiler Chickens in Quebec, Canada Rachid Ankouche, Diane Brodeur, Martine Boulianne, and Jean-Pierre Vaillancourt
	Break 9:30 AM – 10:00AM	Break 9:30 AM – 10:00AM
	Moderator: Scott Fitzgerald	Moderator: Nathaniel Tablante
10:00 AM	<i>Clostridium perfringens</i> and <i>Clostridium septicum</i> in Commercial Turkeys – Recent Findings Daniel Karunakaran	RICHARD RIMLER PAPER AWARD: Interspecies Transmission: Host Range Determinants of Swine H3N2 Influenza A Virus Transmission from Pigs to Turkeys H. M. Yassine, C-W. Lee, and Y. M. Saif
10:15 AM	Comparison of Level of Necrotic Enteritis in Broilers Vaccinated with Either an Attenuated or Non-Attenuated Live Coccidial Vaccine and Challenged with <i>Clostridium perfringens</i> Greg F. Mathis, Charles Hofacre, Jerry Chapman, and Elleen Katigbak	RCA-Free Recombinant Adenovirus-Vectored Vaccine for Mass Immunization of Poultry Against Avian Influenza H. Toro, D. C. Tang, F. Van Ginkel, and Z. Shi
10:30 AM	Innate Immune Response to <i>Clostridium perfringens</i> and <i>Eimeria maxima</i> in necrotic enteritis Model Hyun S. Lillehoj, Soon S. Park, Patricia C. Allen, Dong Woon Park, Steve Fitz-Coy, and Daniel A. Bautista	Differential Growth of Avian Influenza Virus in Chicken and Duck Cells Luciana Sarmiento, Kristin Zaffuto, Mary Pantin-Jackwood, and Claudio Afonso

Wednesday, July 18, 2007 – Morning Program		
10:45 AM	Attempts to Develop an Oral Challenge Model for Gangrenous Dermatitis using <i>Eimeria maxima</i> and <i>Clostridium septicemia</i> Michelle M. Early-Andersen, Jeffery J. Courtney, and Steve R. Collett	Efficacy of Three Inactivated Vaccines Against Challenge with HPAI H5N1 Vietnam/05 Viruses in Ducks Mary J. Pantin-Jackwood, David L. Suarez, Jennifer Pfeiffer, and Luciana Sarmento
11:00 AM	Development of an Experimental Challenge Model for Cellulitis in Turkeys Anil J. Thachil, Binu T. Velayudhan, David A. Halvorson, and Kakambi V. Nagaraja	Comparison of In Vivo Innate Immune Responses in Lung and Spleen Tissue Following Infection with Asian H5N1 Avian Influenza Viruses in Ducks and Chickens Darrell R. Kapczynski and Mary Pantin-Jackwood
11:15 AM	Different Strains of <i>Campylobacter jejuni</i> Compete for Colonization in Broiler Chicks A. Singh Dhillon and Michael E. Konkel	Surveillance, Testing and Epidemiology of Avian Influenza in the New York Live Bird Market System Susan C. Trock, Michelle Gaeta, Lisa Weisse, Tara Howard, Kimberley Tropea, Adam Hollowary, Sung Kim, J. Beeby, Jan Pederson, Dennis Senne, and Edward Dubovi
11:30 AM	Correlation of Experimentally Induced Colisepticemia with Septox Condemnations in Broilers Timothy S. Cummings, Marty Ewing, Floyd Wilson, and Mark Burleson	Using Resident, Wild Mallards as Sentinels for Detecting Low Pathogenic H3, H4, H5, H6, And H7 Type A Influenza Viruses Circulating in Resident, Wild Birds Richard Slemmons, Jacqueline Nolting, Lloyd Alexander, and Dennis Senne
11:45 AM	Antibiotic Resistance Plasmid Eliminated from Poultry Bacteria: New Scientific Evidence to Counter the Expert Critics and Spin-Factories Steven R. Clark and Jeremy J. Mathers	Results of Avian Influenza Monitoring in Wild Birds in Maryland: 2005-2006 Cindy P. Driscoll, Larry J. Hindman, Richard Slemmons, and Dennis Senne
12:00	Adjourn	Adjourn



INSTRUCTIONS FOR POULTRY POSTER PRESENTATION

The following is specific information about the 2007AVMA Poultry Poster Presentation:

Location of Poultry Poster Presentation:
Convention Center

Please refer to the Poultry Poster Program for your Poster Board number.

NOTE: Posters must be set up after 6:00 AM on Sunday, July 15th and no later than 7:00 AM on Monday, July 16th.

All posters must be removed by 12:00 PM on Wednesday, July 18th.

Dimensions: Size of the Mounting Board for Poster: 4 feet X 8 feet (48 inches x 96 inches). All posters must fit within the outer edges of the board. All boards will be double sided, so another presenter may be mounting a poster on the other side of the board at the same time.

General Information:

1. Your poster presentations must be available for viewing during the hours scheduled by the Poultry Poster Section.
2. Handouts are permitted. *Sale of any material is strictly prohibited.*
3. Poster sessions are intended to serve as informal discussions and not as lectures or paper reading sessions.
4. Pushpins will be available in the poster areas. Please do not write or paint on the poster boards.
5. Projection equipment and electrical outlets will not be provided in the poster session area.
6. One (1) complimentary convention registration will be provided for the primary author of each poster.

Poster Session
Sunday, July 15 – Wednesday, July 18, 2007
Room 206

Avian Influenza

1. **Histopathological Studies of the Respiratory System of Essential Oil-Treated Broilers Against *Mycoplasma gallisepticum* and/or H9N2 Challenges**
Elie K. Barbour, Rindala G. El-Hakim, Danyelle D. Gerges, Pia A. Nehme, Hussam A. Shalb, and Marc S. Kaadi
2. **Evaluation in Chickens of a Killed NS1 Mutant Avian Influenza Virus Vaccine**
Vinyak Brahmakshatriya, Blanca Lupiana, and Sanjay M. Reddy
3. **Comparative Pathology of H5N1 Highly Pathogenic Avian Influenza Virus Infection in Avian Species in the Orders Anseriformes and Charadriiformes**
Justin D. Brown, David E. Stallknecht, and David E. Swayne
4. **Epidemiological Studies on Avian Influenza Infection in the Migrating Wild Bird**
Seong-Hwan Byun, Min-Jeong Kim, Jeong-Nyeo Kim, and In-Pil Mo
5. **Development of Microsphere-Based Assays for the Detection of H5 and H7 Subtype Avian Influenza Virus**
Wonhee Cha, Megan Strother, Mo Saif, and Chang-Won Lee
6. **Avian Influenza Neuraminidase 1 (N1) ELISA Using Baculovirus Expressed Antigen and its Application on DIVA Vaccination Strategy**
Maricarmen García, Yuru Liu, Xiuqin Xia, David E. Swayne, David L. Suarez, Mark W. Jackwood, and Egbert Mundt
7. **Determination of Pathogenicity of Jordanian Local Isolate of Avian influenza (H9N2) in Broiler-Chickens**
Saad Gharaibeh
8. **Efficacy of Inactivated Vaccine Against Low Pathogenic Avian Influenza (H9N2) in SPF and Commercial Chickens**
Bong-Do Ha, Chang-Hee Lee, Jong-Nyeo Kim, and In-Pil Mo
9. **Sequence Analysis and Phylogenetic Study of the Entire Genome of Three Avian Influenza H9N2 Subtypes from South China**
Mazhar I. Khan, Zhixun Xie, Jianbao Dong, and Xiaofei Tong
10. **Zoning as a Measure to Minimize Avian Influenza Spread During an Epidemic**
Heather Labelle, Jean-Pierre Vaillancourt, Michel Bigras-Poulin, and Alex Thompson
11. **Replication of Influenza Viruses in Chicken-Origin (DF-1) and Quail-Origin (QT-6) Cell Lines**
Chang-Won Lee, Keumsuk Hong, and Megan Strother
12. **Development of a Triplex Fluorescence Microsphere Based Immunoassay (FMIA) for the Detection of Antibodies to Avian Influenza Virus Proteins**
Blanca Lupiani, Douglas S. Watson, and Sanjay M. Reddy
13. **Ups and Downs of Implementation of an Eradication Strategy During an Outbreak of HPAI (H5N1) in Iran**
Seyed Mehdi Mirsalimi and Afshin Hedayati
14. **Efficacy and Safety of the Low Pathogenic Avian Influenza Vaccine (H9N3) in SPF Chickens**
In-Pil Mo, Jung-Eun Kim, Jeong-Hwa Shin, Seong-Hwan Byun, and Jong-Nyeo Kim

- 15. Validation of a New Avian Influenza Antibody Blocking ELISA**
R. Munoz, K. Velek, A. Rice, B. Packer, S. Michaud, H. Liauw, and V. Leathers
- 16. Genetic and Biological Characterization of the H5N2 Virus Isolated from Parrot**
Smitha Somanathan-Pillai, David L. Suarez, and Chang-Won Lee
- 17. Evaluation of Poultry Diagnostic Tests for Avian Influenza Virus in Duck Origin Samples**
Erica Spackman And Mary J. Pantin-Jackwood
- 18. The Importance of Educational Programs in the Prevention and Control of Avian Influenza**
Nathaniel L. Tablante
- 19. New Way to Develop Live Influenza Vaccine Candidate Strains**
Leyi Wang, Smitha Somanathan-Pillai, Megan Strother, Keumsuk Hong, Mo Saif, David Suarez, and Chang-Won Lee

Bacteria, Miscellaneous

- 20. Case Report: Dactylariosis in Bobwhite Quail**
Joel Cline, J. Scott Helton, and Frederic J. Hoerr
- 21. Non-Serotypable *Avibacterium paragallinarum* Infection in Commercial Layers**
A. García, F. Romo, A. M. Ortiz, and P. J. Blackall
- 22. The Incidence of *Bordetella avium* in Mississippi Broilers**
Sue Ann Hubbard and Roy D. Montgomery
- 23. Serotypes of *Riemerella anatipestifer* Isolated from Commercial Ducks and Vaccination of Ducks with Killed Oil Vaccine in Korea**
Seong-Joon Joh, Pornpen Pathanasophon, Yong-Kuk Kwon, Min-Chul Kim, Min-Jeong Kim, Hyuk-Man Kwon, Jae-Hong Kim, and Jun-Hun Kwon
- 24. Pathogenic *Campylobacter* in Turkey Production**
Catherine M. Logue, Mohamed K. Fakhr, Jessica L. Thorsness, and Julie S. Sherwood
- 25. Cutaneous Candidiasis of the Comb in a Broiler Breeder Flock**
Claudia Osorio, Oscar J. Fletcher, Michael J. Dykstra, and H. John Barnes
- 26. In Vitro Adhesion Assays of *Gallibacterium* to Chicken Tracheal or Oviductal Epithelial Cells**
Saúl Ramírez, Andrea Zepeda, Vicente Vegas, Vladimir Morales, Luis Pérez, Soledad Díaz, Henrik Christensen, Anders Miki Bojesen, and Edgardo V. Soriano
- 27. Detection of *Avibacterium paragallinarum* By PCR: Conditions of Nasal Swab Samples Submitted To The Diagnostic Laboratory**
Edgardo V. Soriano, Vladimir Morales, Salvador Lagunas, Simón Martínez, Celene Salgado-Miranda, and Patrick J. Blackall
- 28. Peritonitis in Egg-Type Chickens Caused by *Gallibacterium anatis* and *Escherichia coli***
Darrell W. Trampel, Yvonne Wannemuehler, and Lisa K. Nolan
- 29. Hemadsorption and Hemagglutination of *Ornithobacterium rhinotracheale***
Vicente Vega, Andrea Zepeda, Saúl Ramírez, Pomposo Fernández, Roberto Montes De Oca, Patrick J. Blackall, and Edgardo V. Soriano
- 30. Hemadsorption and Hemagglutination of *Gallibacterium* Reference Strains**
Andrea Zepeda, Saúl Ramírez, Vicente Vega, Vladimir Morales, Martín Talavera, Henrik Christensen, Anders Miki Bojesen, and Edgardo V. Soriano

Chicken Anemia Virus

31. **Peruvian Serological Survey for Chicken Anemia Virus in Broiler Chickens**
Rosa Gonzalez, Eliana Icochea, Branko Alva, Xavier Castro Pozo, and Paola Cruz
32. **Mapping of Epitopes of VP2 Protein of Chicken Anemia Virus Using Monoclonal Antibodies**
Xiaomei Wang, Xiaoyan Wang, Honglei Gao, and Yulong Gao

E. coli

33. **Emergence of Antimicrobial Resistance, Class 1 Integrons, and R Plasmids Among Avian *Escherichia coli***
Lisa K. Nolan, Timothy J. Johnson, Yvonne M. Wannemuehler, Jennifer Scaccianoce, and Catherine M. Logue
34. **Creation of an *Escherichia coli* Plasmid Genome Database**
Paul Mangiamale, Timothy J. Johnson, Yvonne M. Wannemuehler, and Lisa K. Nolan
35. **Multiplex PCR Can Distinguish Between Virulent And Commensal Avian *Escherichia coli***
Yvonne Wannemuehler, Timothy J. Johnson, Curt Doetkott, Sandy Cloud Rosenberger, and Lisa K. Nolan

General Diseases And Management

36. **Focal Duodenal Necrosis (FDN) an Emerging Disease Affecting the Layer Industry**
Tammy A. Baltzley and Thomas G. Rehberger
37. **A Case of Acute Intoxication with Monensin in Broiler Chickens**
Elisabeta Bianu and Daniela Nica
38. **High Mortality of Newly Hatched Commercial Meat Turkeys**
Richard P. Chin, Rocio Crespo, Charles Corsiglia, H. L. Shivaprasad, Murugan Subbiah, Franz Sommer, and George L. Cooper
39. **Characterization of Broiler Carcasses Condemned at Processing Plants**
Marty Ewing, Timothy S. Cummings, Floyd Wilson, and Mark Burleson
40. **Proliferative Lung Disease in Broiler Breeder Hens**
Oscar J. Fletcher, Michael Martin, and John Barnes
41. **The Use of a Field Data Collection Software to Aid in a More Informed Decision Making Process in a Production Setting**
Luis B. Gomez and Francisco J. Obispo
42. **Addressing the Continuing Educational Needs of Poultry Producers**
Teresa Y. Morishita
43. **Accidental Poisoning of Geese with Zinc Phosphide**
Daniela Nica and Elisabeta Bianu
44. **Agroterrorism – Is the Threat to Agribusiness Real?**
Robert A. Norton and Mark D. Gorwitz
45. **Histologic Evaluation of the Extramedullary Hemopoietic Tissue in Healthy and Yolk Sac Infected Young Broilers**
C. Gabriel Senties-Cué, Floyd D. Wilson, and Danny L. Magee
46. **Early Diagnosis of Fatty Liver-Hemorrhagic Syndrome in Commercial Layers Using Clinical Biochemistry**
Hyun-Hee So, Min-Jeong Kim, Hwan-Hee Kim, and In-Pil Mo

- 47. Biosecurity Multimedia Training: A Follow-Up to the US Poultry & Egg Association Training Program**
Jean-Pierre Vaillancourt, Gene Lambert, Andrew Rhorer, and Charles Beard
- 48. Effect of Breeder Flock and Management System on Sibling Turkeys**
Eduardo J. Vivas, Michael P. Martin, Sophia Kathariou, Robin M. Siletzky, and John Barnes
- 49. Interesting Microscopic Lesions in Cases Submitted to Poultry Diagnostic And Research Center and Georgia Poultry Laboratory Network**
Susan M. Williams
- 50. Routine Histological & Histomorphometric Finding in the Spleen and Bone Marrow of “Small Birds” and Other Carcass Cohorts Condemned at Slaughter Under the Sep-Tox Disposition Category**
Floyd Wilson, Fred Hoerr, Tim Cummings, and Marty Ewing

Immunology, Immunity And Vaccines

- 51. Anatomic Histopathology Evaluation of Thymus, Bursa and Spleen from Broilers Chickens Raise in Reuse Litter vs New Litter**
Monica Alba Chinta, Eliana E. Icochea, Pablo S. Reyna, Rosa Gonzalez, Branko Alva, Pilar Vejarano, and Antonio Tambini
- 52. Practical Comparison of Spray and Barrel Methods of Vaccine Administration to Broiler Breeder Pullets**
Samuel P. Christenberry, Darryl M. Moore, N. Scott Vanhoy, and Clyde A. Weathers
- 53. Development of a Real-Time RT-PCR Assay for Turkey Cytokines**
J. Michael Day and Erica Spackman
- 54. US Veterinary Immune Reagents Network**
H. Lillehoj, J. Lunney, C. Baldwin, J. LaBresh, D. Horohov, J. Hansen, N. Miller, E. Bengten, G. Chinchar, M. Wilson, and B. Wagner
- 55. Interpreting ELISA Test Results**
Danny L. Magee and Philip A. Stayer
- 56. Oligodeoxynucleotides Containing CpG Motifs (CpG-ODN) Induce Predominantly A Th1 Type Immune Response in Neonatal Chickens**
Bhavinibahen Parekh, Susantha Gomis, Suresh Tikoo, Lorne Babiuk, Andrew Potter, Philip Willson, George Mutwiri, and Arshud Dar
- 57. Development of Recombinant Antigens for Multiplexed Serologic Monitoring of Specific Pathogen Free Chickens**
Michelle L. Wunderlich, Michael J. Smith, Barry A. Bronson, Rajeev K. Dhawan, and Joe H. Simmons

Infectious Bronchitis Virus

- 58. Spike Gene Sequence Analysis of Infectious Bronchitis Virus Vaccine Viruses and Their Genetic Stability In Vivo**
Enid T. Mckinley, Deborah A. Hilt, and Mark W. Jackwood
- 59. Cloning of the Pathogenic M41 Strain of Avian Infectious Bronchitis Virus as Bacterial Artificial Chromosome**
Shankar P. Mondal and Elizabeth L. Buckles

Infectious Bursal Disease

- 60. The Use of Gamma Irradiation for the Inactivation of Infectious Bursal Disease Viruses**
Daral J. Jackwood, Susan E. Sommer-Wagner, and Howard Pharo
- 61. Comparison of the VP4 Sequences Among Very Virulent, Pathogenic and Attenuated Infectious Bursal Disease Viruses**
Lester Lefever and Daral J. Jackwood
- 62. DNA Vaccination Conferring Protection of Chickens Against Infectious Bursal Disease by Priming with DNA Vaccine and Boosting with Killed Vaccine**
Tsang Long Lin, Ming Kun Hsieh, and Ching Ching Wu
- 63. Evaluation of the Pathogenicity of Infectious Bursal Disease Viruses from Layer Flocks in the United States**
Daral J. Jackwood, Bollini Sreedevi, Lester J. Lefever, and Susan E. Sommer-Wagner
- 64. Bursal Disease Virus Situation in Mexico: Epidemiology and Phylogenetic Studies**
Maritza Tamayo, Mario Lechuga, and Mauricio Gonzalez
- 65. Infectious Bursal Disease Virus (IBDV) Nonstructural Protein VP5 Contributes to Virulence of Very Virulent IBDV**
Kaori Terasaki, Tsuyoshi Yamaguchi, Kenji Ohya, and Hideto Fukushima
- 66. Molecular Detection and Differentiation of Infectious Bursal Disease Virus: A Review**
Ching Ching Wu, Peter Rubinelli, Ming Kun Hsieh, and Tsang Long Lin
- 67. An Improved Method for Infectious Bursal Disease Virus Rescue using RNA polymerase II System**
Xiaomei Wang, Ziaole Qi, Yulong Gao, and Honglei Gao

Laryngotracheitis

- 68. Differentiation by RFLP and Nucleotide Sequencing of ILTV Strains Isolated During an Outbreak in São Paulo, Brazil**
Jorge Luis Chacón Villanueva, Laura Y. Villarreal, Mario S. Asayag, and Antonio J. Piantino Ferreira
- 69. In Vitro Characterization of Infectious Laryngotracheitis Virus (ILTV) Isolates from United States (US)**
Ivomar Oldoni and Maricarmen García

Miscellaneous Virus

- 70. A Duck Hepatitis Virus Type 1 is Agent Of Pancreatitis and Encephalitis in Muscovy Duckling**
Jean-Luc Guerin, Olivier Albaric, Vincent Noutary, and Cyril Boissieu
- 71. Epidemiological Studies of Adenoviral Infection in the Broiler Farms**
Jong-Nyeo Kim, Seong-Hwan Byun, Min-Jeong Kim, and In-Pil Mo
- 72. Characterization of M-Class Genome Segments of Muscovy Duck Reovirus**
Yun Zhang, Dongchun Guo, and Hongwei Geng

Mycoplasma

73. ***Mycoplasma iowae* Associated with Vertebral Chondrodystrophy in Commercial Turkeys**
David H. Ley, Eduardo J. Vivas, Oscar J. Fletcher, and H. John Barnes

Newcastle

74. **Immunoprotection of a Commercial Vaccine (VG/GA - Strain) Against Newcastle Disease in Broilers Chicken**
Eliana Icochea, Rosa Gonzalez, Pablo Reyna, Jhon Guzman, and Blanca Talavera
75. **Molecular Analysis of Velogenic Newcastle Disease Virus in Avian Species From Venezuela**
Hugo Moscoso, Mariela Brett, Rafael Fernandez, and Charles L. Hofacre
76. **Development of an Immunochromatographic Kit for the Detection of Newcastle Disease Virus**
Haan-Woo Sung, Hyuk-Moo Kwon, JG Choi, JS Oh, and In-Pil Mo

Parasitic Diseases

77. **Effect of Coccidiosis on Serum Alkaline Phosphatase Levels in Chickens**
Chris R. Buckley
78. **Changes in Immune-Related Chicken Cytokine and Chemokine Gene Expression Following *Eimeria* Infection**
Hyun S. Lillehoj and Yeong Ho Hong
79. **Kinetic Analysis of Local Gene Expression Of Duodenum Intraepithelial Lymphocytes Following Primary and Secondary *E. acervulina* Infections**
Hyun S. Lillehoj, Chul Hong Kim, Yeong Ho Hong, Dong W. Park, and Calvin L. Keeler, Jr.
80. **Cytokine Gene Expression Profile in Fayoumi Chicken After *Eimeria maxima* Infection**
Hyun S. Lillehoj, Kyung Kim Duk, Yeong Ho Hong, Dong Woon Park, and Susan J. Lamont
81. **Immunomodulatory Effect of Dietary Safflower Leaf on Coccidiosis**
Hyun S. Lillehoj, Sung-Hyen Lee, Soo-Muk Park, Dong-Woon Park, Yeong-Ho Hong, Duk-Hyung Kim, Hye-Kyung Chun, and Hong-Ju Park
82. **Comparative Coccidial Oocyst Shedding Patterns of Turkeys Given Coccivac-T**
Greg F. Mathis, Charles Broussard, and Linnea J. Newman

Pneumovirus

83. **Molecular Characterization and Phylogenetic Analysis of Subtype B Avian Metapneumovirus Detected from Brazilian Commercial Flocks**
Jorge Luis Chacón Villanueva, Antonio C. Pedroso, Laura Y. Villarreal, Paulo E. Brandão, Antonio J. Piantino Ferreira
84. **Immunization of Broiler Chickens Against Avian Metapneumovirus Infection**
Eliana Icochea, Mercedes Sialer, Raúl Guillermo, Rosa Ríos, Rosa Gonzalez, Pablo Reyna, and Jhon Guzman

Salmonella

85. **CAUTION – Diagnostic Laboratory Data on Salmonella Testing Being Presented**
Bruce R. Charlton, Hailu Kinde, and Mark Bland
86. **Plasmid Mediated Antibiotic Resistance in *Salmonella enterica* Serovar Heidelberg from Turkeys**
Aaron M. Lynne and Steven L. Foley
87. **Development and Preliminary Evaluation of a Live Recombinant Vaccine Based on the *sefABCD* Fimbrial Operon to Elicit Immune Response in Chickens Against *Salmonella enterica* Serotype Enteritidis**
K. V. Nagaraja, Vanessa Burkas, Binu Velayudhan, and David Halvorson
88. **Organic Acid Water Treatment Reduced Salmonella Horizontal Transmission in Broiler Chickens**
Marco A. Quiroz, Charles L. Hofacre, Greg F. Mathis, Julia Dibner, and Chris Knight
89. **Functions Exerted by the Type Three Secretion Systems (TTSS) During *Salmonella enteritidis* Infection of Chicken Reproductive Epithelial Cells and Macrophages**
Shuping Zhang, Shuhui Li, Mike Zhang, Hyun S. Lillehoj, Lanny Pace, and Danny Magee

Tumor Viruses

90. ***In Vitro* Transformation Properties of the Meq Protein of MDV**
Dharani K. Ajithdoss, Blanca Lupiani, Lucy Lee, and Sanjay M. Reddy
91. **Effect of Adding an Antibiotic to a Marek's Disease Vaccine**
Celina Buscaglia



Items of Interest

Dear AAAP members: greetings.

Histopathology/Case report interest group will meet during the AAAP conference on July 14th between 3.00 and 5.00 PM in room, Conference Theatre, Grand Hyatt, Washington DC.

The objective of the committee is to provide an opportunity/forum for members interested in histopathology/case report to exchange information on interesting, educational, challenging and classical cases in an informal setting.

Please send a title or two on any interesting/educational/challenging/classical case to one of the members listed below. The format for presentation is five minutes for presentation and three minutes for discussion depending upon the number of presentations. An LCD projector (thanks to Dr. Tablante) and a laptop computer will be provided.

If you have any questions please let me know.

Thank you.

H. L. Shivaprasad (Chair)

hshivaprasad@ucdavis.edu

Dr. John Barnes (Vice Chair)

jnvkbarnes@mindspring.com

Dr. Oscar Fletcher

Oscar_Fletcher@ncsu.edu



**Places of
Interest to
visit while in
Washington**



Upcoming Meetings

The 15th Congress & Exhibition of The World Veterinary Poultry Association (WVPC2007)

Sept. 10-15, 2007 Beijing, China





Veterinarians and Animal Health Experts Needed for STOP AI Expert Response Network!

The Stamping Out Pandemic and Avian Influenza (STOP AI) project, funded by the U.S. Agency for International Development, seeks consultants with international experience for short- and long-term overseas assignments to stop the spread of highly pathogenic avian influenza (HPAI).

Desired Technical Fields Include:

- Poultry Veterinarians
- Biosecurity
- Emergency Preparedness and Response Specialists
- Logistics and Field Operations Specialists
- Epidemiologists/Surveillance Specialists
- Microbiologists/Diagnosticians/Virologists
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- Wildlife Specialists
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- Poultry Production Specialists

Short- and long-term international assignments may include providing technical assistance to national governments in areas such as:

- AI preparedness and response plans
- Surveillance plans
- Tabletop simulations
- Training on AI, personal safety, pathology, depopulation, and disposal
- Serving as senior technical advisor or technical manager to a country's ministry of agriculture or AI task force



If interested in being considered, please send a copy of your CV to STOPAI@DAI.com



Accolades

‘Medal of Distinction’ Awarded to Dr. Campbell and Dr. McCapes

Dr. Clarence Campbell and Dr. Dick McCapes were the first recipients of the new U.S. Animal Health Association’s “Medal of Distinction,” the highest award presented to an Association member. “These two individuals are highly deserving of this award,” said Dr. Bret Marsh, USAHA president, as he presented the medals. Marsh said the new medal, which was established in May will be awarded annually to recognize one or more USAHA members who have demonstrated outstanding leadership, provided exemplary service, and have made significant contributions to the advancement of the Association. Campbell retired as Florida State Veterinarian in 1991 after 38 years of service. McCapes retired from the faculty of the School of Veterinary Medicine, University of California at Davis, in 1994. Both individuals served as president of USAHA — Campbell in 1966 and McCapes in 1999.

- Reprinted from POULTRY HEALTH REPORT | FALL/WINTER 2006

Drs. Reed and McElwain Receive APHIS Animal Health Award

Dr. Willie Reed and Dr. Terry McElwain were presented with the APHIS Animal Health Award by Dr. Ron DeHaven, Administrator of USDA’s Animal and Plant Health Inspection Service (APHIS), during the opening joint general session of the United States Animal Health Association (USAHA) and the American Association of Veterinary Laboratory Diagnosticians (AAVLD). In presenting the awards, DeHaven noted that both recipients have served as president of AAVLD, Reed in 2003 and McElwain in 2004. “Both of these men are passionate about veterinary diagnostics,” DeHaven said, “and each will take every opportunity to share their vision with anyone who will listen.” Reed recently accepted the position of Dean of the College of Veterinary Medicine at Purdue University. Prior to that he was Director of the Animal Health Diagnostic Laboratory at Michigan State University as well as Chair of the Department of Pathobiology and Diagnostic Investigation there. McElwain is Executive Director of the Washington Animal Disease Diagnostic Laboratory. He is a Diplomate of the American College of Veterinary Pathologists and holds an academic appointment as full Professor of Pathology in the Department of Veterinary Microbiology and Pathology at Washington State University. “The dedication, pride and integrity that Dr. Reed and Dr. McElwain demonstrate every day reflect positively on the activities they direct and on their states, AAVLD, USAHA and animal agriculture in this country,” DeHaven said.

- Reprinted from POULTRY HEALTH REPORT | FALL/WINTER 20



American Poultry Hall of Fame Adds Five Industry Leaders

The American Poultry Historical Society will honor five outstanding individuals by inducting them into the American Poultry Hall of Fame. Donald D. Bell, Nelson A. Cox, James H. Denton, Robert H. Harms, and Richard L. Witter will be inducted into the American Poultry Hall of Fame on Wednesday, Jan. 24, 2007, at the International Poultry Expo and International Feed Expo in Atlanta, Ga. The ceremony is open to all IPE and IFE attendees.

The American Poultry Historical Society bestows this honor on a maximum of five individuals at three-year intervals. A bronze plaque bearing the image of each inductee will be on permanent display in the National Agricultural Library in Beltsville, Md.

Don Bell is known internationally for his applied research related to cage-layer management and egg marketing. He has completed more than 150 research projects. He is the author of 318 trade journal articles, 17 university bulletins, leaflets of fact sheets, 160 county publications, 70 slide sets, 12 computer programs, and several book chapters. He published 10 refereed journal publications, 38 abstracts, and 34 research reports in popular form. Bell has organized and addressed hundreds of poultry meetings in California and throughout the world. Following retirement he has continued to work as a consultant for the United Egg Producers. Bell was an outstanding extension advisor and specialist at the University of California from 1958 to 1999.

Nelson A. Cox has a lifetime of distinctive research benefiting the poultry industry by reducing foodborne pathogens such as *Salmonella* and *Campylobacter*. He demonstrated that fecally contaminated condemned carcasses were microbiologically indistinguishable from inspection-passed carcasses after reprocessing, convincing Congress to approve the process. Reprocessing has become standard in the poultry industry, resulting in over \$100 million in savings. He proved that immersion chilling was superior (in microbiologic terms) to air blast chilling, preventing a European trade ban that would have hurt the U.S. poultry industry. He identified hatcheries as reservoirs of *Salmonella*. He was the first in the world to (a) demonstrate that *Campylobacter* transmits through the fertile egg and (b) isolate *Campylobacter* from the internal organs and tissues of commercial poultry. Cox has worked at the U.S. Department of Agriculture, Agricultural Research Service, Russell Research Center in Athens, Ga., since 1971.

James H. Denton worked in poultry and food safety for 36 years--10 years as department head/director of the Center of Excellence for Poultry Science at the University of Arkansas and four terms on the USDA National Advisory Committee for Meat and Poultry Inspection. He serves as the Secretariat for the National Alliance for Food Safety and Security, four years as chairman of the board and operations committee; steering committee member of three state Food and Safety Consortia (Arkansas, Iowa, and Kansas), Poultry Science Association member, board of directors of the International HACCP Alliance, and chairman of the PSA Foundation board of trustees. Denton began his career as research associate in 1972 and progressed to acting head of the department of poultry science at Texas A & M University before moving to the University of Arkansas in 1992. He has been an emeritus professor since 2004.

Robert H. Harms developed the daily feeding concept for laying hens and has modified this concept to calculate nutrient requirements based on unit of product produced; whether meat or egg. He has worked extensively on amino acid, vitamin, and mineral requirements. He has trained 34 graduate students and 13 visiting scholars who are active in the poultry industry and in universities around the world. Harms has published 561 peer refereed publications and authored over 500 popular articles for trade journals. Harms was a high school teacher for five years before earning his M.S. and Ph.D. degrees from the Universities of Arkansas and Texas A & M, respectively. He was an associate professor at the University of Tennessee in 1957 before moving to the University of Florida where he chaired the department of poultry science for almost 20 years. He retired in 2002.

Richard L. Witter developed in part or in whole five of the seven currently licensed Marek's disease vaccines, including turkey herpesvirus (1970), two serotype 2 vaccines. He discovered that mixing two or three Marek's disease vaccines together is more effective than the individual components, which he termed "protective synergism." Witter and H.J. Kung discovered that retroviruses integrate into large DNA viruses. He defined early horizontal transmission of the subgroup J avian leucosis virus, important to establishment of rational virus eradication programs. Witter clarified the biological properties of reticuloendotheliosis viruses, including subtype differences, and epidemiology in chickens and turkeys. Witter began his career as a research veterinarian at the USDA, ARS in the Avian Disease & Oncology Laboratory in 1964. He retired in 2002, but continues to work as a research collaborator.

- US Poultry News Release

Accolades



FOR IMMEDIATE RELEASE
Raleigh, NC

DR. GORDON MILLER INDUCTED INTO NORTH CAROLINA POULTRY FEDERATION'S HALL OF FAME

Dr. Gordon P. Miller – a poultry industry pioneer – was inducted into the North Carolina Poultry Federation's Hall of Fame recently at a special honorary luncheon held at The State Club in the Park Alumni Center on NC State University's Centennial Campus in Raleigh.

Dr. Miller was honored with the coveted award for his numerous professional contributions to the health and well-being of North Carolina's entire poultry industry. He worked as Vice President of Live Production Services for Holly Farms Poultry until 1989, at which time Holly Farms was purchased by Tyson Foods. Dr. Miller continued his employment with Tyson Foods as Senior Vice President of Live Production and as Senior Veterinarian until his retirement in 2004.

Growing up on a dairy farm in northwestern North Carolina, Miller graduated from Sparta High School in 1950 and entered North Carolina State College that same year, later graduating with a degree in Animal Industry. He also received an Army ROTC commission while attending NC State. After a two-year tour of duty in Korea, he returned to the dairy business until his acceptance into the School of Veterinary Medicine at the University of Georgia. Upon his graduation from Veterinary School in June of 1963, he was hired as a poultry pathologist by Holly Farms Poultry Industries. Holly Farms was formed in 1962 from 16 companies located in Wilkes and surrounding counties, with its home office headquartered in Wilkesboro, NC.

Dr. Miller stated that he learned early in his career to use all tools at his disposal for help in controlling diseases. He coordinated with university, state and company laboratories, and he worked in conjunction with breeder, pharmaceutical and vaccine companies for diagnostic answers. It would be in the late 1960s and early 1970s before noticeable progress was made on disease control. Mycoplasma free breeders were then producing free PPLO chicks, and condemnation for allirsaculitis took a big drop. About that same time, use of a vaccine for Mareks disease was beginning, which drastically cut mortality for breeder hens, greatly increased production, and resulted in a decrease in condemnation for Mareks. When poultry diseases ceased to monopolize Dr. Miller's time, he had more opportunities to work closely with the live production staff and with growers assisting in best poultry management procedures. This enabled him to shift his emphasis toward preventive medicine rather than treatment with antimicrobials, resulting in growing efficiency, lower condemnation, increased livability, and the production of a much better poultry product.

Among many honors Dr. Miller has received through the years, he was presented the C. A. Bottorff Award in 1996 from the American Association of Avian Pathologists in recognition of his significant contributions as an avian pathologist to poultry health programs in North America. He is a life member of both the AAAP and the American Veterinary Medical Association.

The North Carolina Poultry Federation – a statewide non-profit poultry service organization founded in 1968 and headquartered in Raleigh – bestowed its first annual Hall of Fame award in 1975.

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Accolades

Dr. R. L. Witter recognition.

Dr. Richard L. Witter was accepted as a member in the Hall of Fame of the American Poultry Historical Society. Dick received the award during the 2007 International Poultry Exposition in Atlanta, GA, at an Awards Ceremony on Wednesday, January 24, 2007 at the Georgia World Congress Center.

Congratulations

**Thanks to the efforts of Bruce Calnek and Richard Witter,
the following Founding Members will be attending the
50th Annual Meeting of the
American Association of Avian Pathologists**

Joseph N. Beasley

H. L. Chute

Julius Fabricant

Charles Hall

Steve B. Hitchner

Hiram Lasher

Saul Narotsky

Rosy Rosenwald

R. W. Winterfield

Accolades



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Bob Owen	Food Supply Veterinary Medical Coalition
Andrea Miles	National Institute of Animal Agriculture (NIAA)
Kellye Pfalzgraf	NIAA Animal Transportation Issues Committee
Chip Garritty	NIAA Euthanasia Committee
Eric Gingerich (4 year term)	Professional Animal Auditor Certification Organization (PAACO)
Dave Hermes (3 year term)	Professional Animal Auditor Certification Organization (PAACO)
James Barton (2 year term)	Professional Animal Auditor Certification Organization (PAACO) (appointed to a second term)
John Smith	U.S. Animal Health Association Chair, Transmissible Diseases of Poultry Committee
Steve Collett	USAHA Liaison Committee

THANKS TO EVERYONE !



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AAAP Representatives to AVMA

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Y. M. Saif	AVMA House of Delegates
Gregg Cutler	AVMA House of Delegates (Alternate) & AVMA Legislative Advisory Committee (Alternate)
Chuck Hofacre	AVMA Legislative Advisory Committee
Eric Gingerich	AVMA Animal Agriculture Liaison Committee (until July 14, 2007)
Robert Evans	AVMA Animal Agriculture Liaison Committee (after July 14, 2007 to July 31, 2010)
David French	AVMA Clinical Practitioners Advisory Committee
Jose Linares	AVMA Animal Welfare Committee
Danny Magee	AVMA Clinical Practitioners Advisory Committee Alternate
Robin Gilbert	AVMA Committee on Environmental Issues
JoAnna Quinn	AVMA Committee for Disaster and Emergency Issues
Ching Ching Wu	AVMA Council on Biologic and Therapeutic Agents
Gregorio Rosales	AVMA Convention Management and Program Committee
Rich Chin	AVMA Convention Management and Program Committee (Alternate until August 2009)
Marty Ewing	AVMA Food Safety Advisory Committee & AVMA Representative on the International HACCP Alliance Board of Directors
Suzanne Young Stamey	AVMA Food Safety Advisory Committee (Alternate)
Kellye Pfalzgraf	AVMA Animal Welfare Advisory Committee

THANKS TO EVERYONE !



Positions Available

Position available: Associate/Full Professor of Food Safety. Salary dependent on qualifications and experience. PhD required with research expertise in food safety, especially of foods of animal origin. DVM or equivalent preferred. Demonstrated aptitude/experience or potential in teaching required. Documented research program in food safety. In order to complement the department's existing strength in pre-harvest food safety and epidemiology, the successful candidate will possess strength in food safety beyond the pre-harvest stage (e.g., animal transport, slaughter, processing, product handling or distribution). Demonstrated record or evidence of potential in acquisition of extramural funding. Familiarity with food animal production and processing systems. Knowledge of use of applied epidemiological methods is desirable. Must possess excellent interpersonal and communication skills and a demonstrated ability to work with others in a collegial team atmosphere. Evidence of leadership and initiative is required. Teaching responsibilities include: 1) participation in lectures, laboratories and discussions in the DVM professional curriculum and graduate professional curricula (MPVM, MPH, and planned MEH), and 2) participation in the graduate academic programs (MS and PhD) of the campus.

Research responsibilities include the development of a creative, independent and productive research program in microbial food safety is a fundamental and indispensable requirement of the position, including publication of results in professional/scientific journals. The successful candidate will be expected to develop an on-going research program in food-borne pathogens at the molecular, organismal or host-population level. Individual will provide leadership in directing research projects of graduate students.

Service: The successful candidate is expected to work with state agencies and campus groups in identifying research needs in food safety and to be a consultative resource for those agencies. University and public service through committee work, participation in professional organizations, continuing education and other appropriate means is required. To receive fullest consideration, applications must be received by August 31, 2007; position open until filled. Interested applicants should submit 1) a letter of intent outlining special interest in the position, overall related qualifications and experience and career goals; 2) curriculum vitae; and 3) the names and addresses of four professional references to: Dr. P.H. Kass, Chair, Attn: Debra Amundson, MSO, Department of Population Health and Reproduction, School of Veterinary Medicine, University of California, Davis, CA 95616.

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Positions Available



ASSISTANT / ASSOCIATE PROFESSOR, IMMUNOLOGY

**FOOD ANIMAL HEALTH RESEARCH PROGRAM,
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER,
OHIO STATE UNIVERSITY**

Position: Assistant or Associate Professor of Immunology with emphasis on mucosal immunity applicable to preharvest food safety. This is a 12-month tenure-track faculty research-intensive appointment in the Food Animal Health Research Program, Ohio Agricultural Research and Development Center (OARDC) in Wooster Ohio with the tenure initiating unit in the Department of Veterinary Preventive Medicine, College of Veterinary Medicine, The Ohio State University (OSU). This position is part of a new university-wide Targeted Investment in Excellence (TIE) in Public Health Preparedness.

Responsibilities: The applicant will be expected to conduct innovative research on mucosal immunology with application to preharvest food safety and immunity to zoonotic pathogens among food-producing animals resulting in publication of peer-reviewed articles in high-impact journals; submit proposals and obtain extramural competitive funding; teach and the mentoring of graduate students; serve on advisory committees and participate in professional organizations at local, national, or international levels; and collaborate with individuals in other departments and colleges involved in the TIE and in food safety research. Opportunities for teaching and outreach are available.

Qualifications: A DVM, or equivalent degree and/or PhD degree are required. Certification or eligibility for certification by an appropriate specialty board approved by the American Veterinary Medical Association is expected for candidates with a DVM degree. Candidates must have comprehensive training in immunology and infectious diseases. Ability to lead and be part of a team effort is expected.

Application deadline: Review begins July 31, 2007 and continues until a qualified candidate is identified.

Salary: Salary and benefits are excellent and commensurate with qualifications.

General Information: The Food Animal Health Research Program (FAHRP) at the OARDC is an internationally recognized leader in the research of enteric and respiratory infections of food-producing animals with focused areas of emphasis in food and environmental safety, zoonoses, and mucosal immunity. FAHRP has a modern office-laboratory building and animal facilities suitable for the study of infectious diseases and immunology. Specifically, this includes a laboratory for the procurement and maintenance of germ-free animals, a laboratory animal facility, and containment facilities for experimental studies with infectious agents in agricultural animals. The Research Center maintains herds and flocks of major food-producing animals. Excellent opportunities exist for collaboration with food, veterinary, medical, and animal scientists on the Wooster and Columbus campuses. OSU is a high stature comprehensive research university.

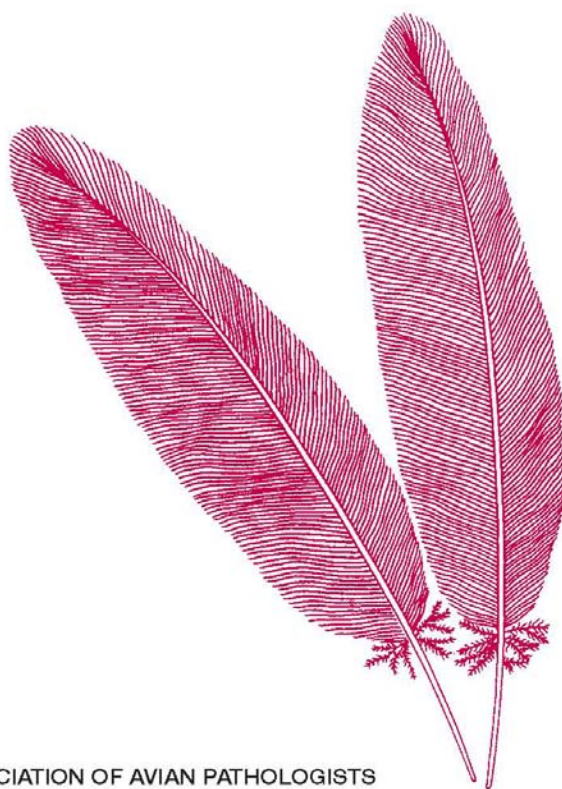
The TIE is a cooperative project including six OSU colleges: Food, Agricultural and Environmental Sciences, Biological Sciences, Medicine, Pharmacy, Public Health, and Veterinary Medicine. The initiative is focused on improving animal and human health and minimizing infectious disease threats through innovative interdisciplinary research.

Application procedure: Please submit curriculum vitae, a statement of research interests, and names of three references to the Chairperson of the Search Committee:

Dr. Jeffrey LeJeune
Food Animal Health Research Program, OARDC,
1680 Madison Avenue Wooster, OH 44691
Phone 330-263-3739 FAX 330-263-3677 E-mail: lejeune.3@osu.edu

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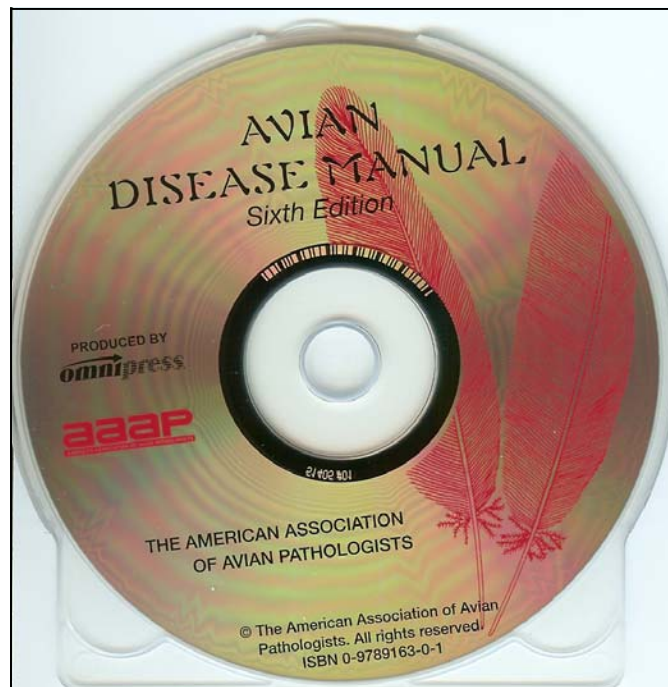
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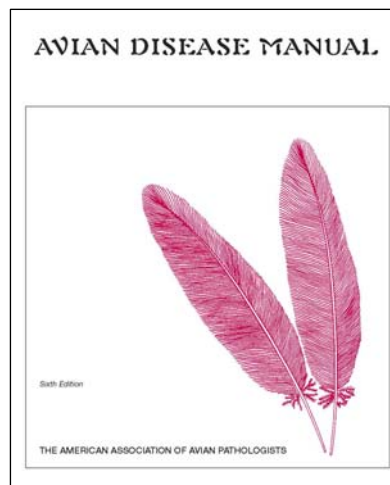
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- Think about those veterinary students (interns, residents) or our international colleagues whose interest in poultry medicine would greatly benefit if they had a membership in the AAAP. Don't forget those individuals just entering the poultry industry or those who have been on the job for years....
- Please take a few minutes to write down the names of those colleagues who you feel would make good AAAP members. Just send us their

- This not only helps your association grow, you also introduce colleagues to the many benefits of AAAP membership. Thank you for your help!

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May we use your name in our membership invitation: ☐ Yes

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