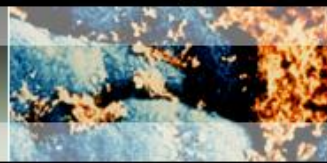




American Association of Avian Pathologists



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AAAP Annual Meeting Held In Seattle, WA

The American Association of Avian Pathologists met at Seattle's Washington State Convention & Trade Center July 12th-15th this year. The 3 1/2 day event included a symposium sponsored by the Animal Welfare and Management Practices committee titled "North American Broiler Welfare Symposium". In addition, the Scientific Program consisted of 118 oral presentations and 93 poster presentations. Featured speakers included Dr. Richard K. Gast, keynote speaker, whose address was titled, "Strategies for Preharvest Control of Food-born Salmonella in Poultry" and Dr. Ray Williams, whose Lasher History Lecture was titled, "A History of Coccidiosis to 1950". Reed Rumsey Award winners, Taylor Barbosa and Deirdre I. Johnson presented their papers, "Expression of Viral Immunogenic Proteins in Stable Cell Culture Using a Retroviral-Based Gene Delivery System" and "Evaluation of Recombinant Vector-Vaccines against Infectious Laryngotracheitis (ILT) under



Experimental Conditions", respectively.

Jennifer M. Pfeiffer and Enid McKinley were Richard B. Rimler Memorial Paper award winners. Jennifer presented her paper, "Effects of Specific Amino Acid Changes on the Antigenicity of Hemagglutinin Molecules of Avian Influenza Isolates from Mexico" and Enid presented, "Evidence of multiple recombination events in an Avian Coronavirus Infectious Bronchitis virus".



Avian Diseases Digest Offers Many Benefits

Avian Diseases Digest, the companion online journal to *Avian Diseases*, offers benefits to a diverse group of avian professionals.

Begun in 2006, *Avian Diseases Digest* was developed with the non-scientist avian professional in mind, but the busy avian scientist will find it a helpful tool as well.

ADD allows the reader to scan the entire issue in a very short time. All articles published in *Avian Diseases* are also published in *Avian Diseases Digest*. Each article in ADD is usually one-page and written in a less technical, easy to

Continued on page 4

**AAAP 2009-2010
Board of Directors**

Jagdev Sharma
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Charles Hofacre
Secretary-Treasurer

Stewart Ritchie
President Elect

Bruce Stewart-Brown
Past President

Daniel Bautista
Director Northeast
Region

Hector Cervantes
Director South Region

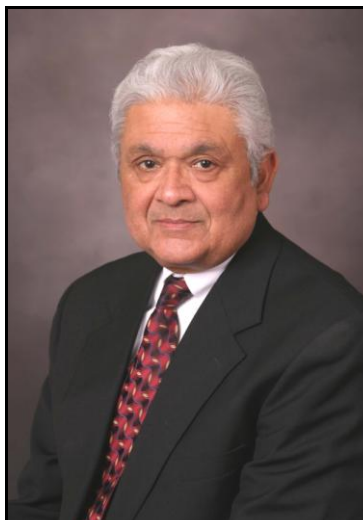
Kenton Kreager
Director Central
Region

Mark Bland
Director Western
Region

Kate Barger
Director at Large

Susan Williams
Director at Large

Message from the President



It's a great honor to become the president of AAAP. This organization has enriched my life in many ways.

The professional caliber of this association, the talent among its members, the friendly and supportive atmosphere, members going out of their way to help fellow members, these things are the hallmark of AAAP. These are the qualities any organization would aspire to have.

Our association has been running strong for over 50 years. We have a membership of about 1000. Our members come from 65 countries. We have a strong international flavor.

Our members have attained world recognition in a number of endeavors. We have top scientists, poultry

health managers, diagnosticians, clinicians, geneticists, speakers, writers, artists, and administrators. This is an amazing collection of all the facets of avian medicine.

I hope to address a number of issues this year during my tenure as president:

AAAP is a partnership between industry, academia and service. This is a team venture where professional diversity defines our organization and continued growth and development of AAAP is a shared vision. My role as president is a commitment to nurture our common goals and cultivate open lines of communication between all of our members and the administrative staff. We have an improved website that we hope to use to facilitate and increase communication.

With dramatic advances in information technology, I see an opportunity to expand AAAP's role in international bridging and extending a hand of friendship to professional colleagues and organizations in other countries located throughout the world, particularly developing countries. AAAP has much to offer and much to receive.

An important mission of a professional association is to educate its members and the community on technical and scientific matters. AAAP takes this role seriously. We publish two quarterly journals, several books, manuals and slide sets. I will ensure that these activities remain a high priority and receive the support they deserve.

And finally,

The continued success of our organization depends upon active engagement of the next generation of its members. We need to reach out to Generation Y, engage them, understand their professional needs and be responsive to them. This generation is born into internet, face book, twitter and BlackBerries. They are an asset to our organization. We need them as members and leaders.

I look forward to serving as president this year. Please contact me if there are issues I can help with. You can find my contact information in the membership directory on our website.

Sincerely,

Jagdev Sharma
AAAP President

Letter from the Secretary-Treasurer

Dear AAAP Members,

Another year is nearly over and AAAP has fared exceptionally well considering how difficult a year it has been for the economy in general and the poultry industry. You can see how we did financially in my annual report but the bottom line is we had to dip into our savings to pay for the move and some other costs associated with a year of office transition. I hope you all barely noticed the move because I believe Bob and Janece did a great job their first year.

Some highlights from the Board of Directors meeting:

- No dues increase for 2010.
- Sunday symposium will be only ½ day.
- Committees will be from 1:00 – 6:00 pm on Sunday. We heard loud and clear that the committees need more time to meet and not interfere with going to the scientific program.
- Be considering your answer when asked if you are O.K. with Avian Diseases journal **on-line only**. (It will save AAAP a large amount of money to keep your future dues increases less.)
- AAAP needs your help getting folks to renew and recruiting new members.
- There is so much happening in the areas of welfare, food safety, antibiotic use, environmental issues and AAAP (along with AVMA) is in the middle. Look at our website to see what we are doing.
- The board is going to meet 3 times in 2010 just to keep up with everything happening in the above issues.
- Thanks to Bob Owen for agreeing to be editor of the 2nd edition of the AAAP Biosecurity Manual
- Thanks to Dick Witter for creating the 1st edition of the Diagnosing Tumor Viral Diseases Manual.

There are many more things your organization is doing and you can read about them in the Board and [Annual Business Meeting Minutes](#) on the website. Committees are the heart of AAAP. I am very appreciative of all of your hard work in all of our committees. I especially want to encourage anyone wanting to be more active in AAAP to attend a committee in their area of interest next year and let the chair know if you want to be more active in that committee.

Please let Bob, Janece or I know if there is anything the AAAP office can do to improve your organization.



Chuck Hofacre



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POULTRY
12TH EDITION
AND
AVIAN INFLUENZA

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E-BOOKS!**

For more information
[Click Here](#)

**SUBMIT
ABSTRACTS FOR
THE 2010
SCIENTIFIC
PROGRAM**

Abstracts accepted
October 1, 2009
through
December 1, 2009

AAAP WEBSITE

The AAAP website has
two new
navigation tabs.

"Support"
contains tutorials and
helpful tips.

"Endorsed by AAAP"
posts letters which
AAAP has endorsed.

ALSO NEW

You can now post
calendar events online
for the AAAP
community.

Continued from page 1

understand language. More importantly, the significance of findings is clearly identified.

After reading an article in *Avian Diseases Digest*, the reader will understand what is being published and how the findings relate to him or her as a poultry professional. *Avian Diseases Digest* functions as a quick over-view of the latest scientific research. It does not take away the need to read *Avian Diseases* where all the technical details on each article are available.

Each one-page article in *Avian Diseases Digest* is split into three sections: Important Findings, Significance of Findings and Additional Information. This format allows the reader to comprehend the essence of the entire article. An example of a typical article in *Avian Diseases Digest* is shown on the right.

Dr. Hector Cervantes, Manager of Poultry Technical Services with Phibro Animal Health, shared his experience using *Avian Diseases Digest*. "I have found ADD to be an extremely valuable tool as I travel frequently and don't have space to bring my copy of *Avian Diseases* with me.

I usually print all the articles from the latest issue of *Avian Diseases* as summarized in ADD. This way I can bring them with me for reading on an airplane and stay abreast of all the latest developments in avian disease research. For articles that are of special interest to me I can print them and read the entire article. In discussing this with my colleagues from Latin America I am finding that there is a great deal of interest and excitement in the time-saving format of ADD. It allows

everyone to remain updated with a minimal time investment."

Dr. H.L. Shivaprasad, a professor of Avian Pathology at the University of California, Davis, has also found *Avian Diseases Digest* to be a useful tool. "For a diagnostic pathologist and a researcher with interest in avian diseases, *Avian Diseases Digest* provides me a concise and excellent summary."

Since its first publication, *Avian Diseases Digest* has been offered to AAAP members along with their membership. **Beginning in 2010, *Avian Diseases Digest* will be available by subscription only.** It is also expanding its readership in 2010 by being offered online in Spanish as well as English.

INFECTIOUS BRONCHITIS VIRUS FIELD VACCINATION COVERAGE AND PERSISTENCE OF ARKANSAS-TYPE VIRUSES IN COMMERCIAL BROILERS

Mark W. Jackwood,¹ Deborah A. Hilt, Amber W. McCall, Crystal N. Polizzi, Enid T. McKinley, and Susan M. Williams

Important Findings

This study showed that infection with infectious bronchitis virus (IBV) vaccines administered to commercial broiler flocks in the field follow either a parabolic type curve or a sinusoidal type wave and in none of the studies did vaccine virus completely clear from the flock. In addition, the data showed that Arkansas-type vaccines were persisting in the birds and that adequate protection against Arkansas challenge was lacking, which suggests that locally protective antibodies against Arkansas were not present in the trachea.

Significance of Findings

The aim of this study was to determine the coverage of IBV vaccine field boost in commercial broilers, estimate the relative amount of vaccine virus in the trachea, and follow the clearance of the vaccine. In addition, researchers examined the nature of persisting Arkansas viruses in the flocks and tested the immune status of the vaccinated birds to IBV by challenging with pathogenic viruses homologous to the vaccines.

Additional Information

IBV is worldwide in distribution, highly infectious, and extremely difficult to control because it has extensive genetic diversity, a short generation time, and a high mutation rate. It continues to cause disease in chickens, even in vaccinated birds because the virus is constantly changing and evolving to avoid the immune response.

To obtain locally protective antibodies in the upper respiratory tract, two vaccinations, a prime and a boost, are given to broilers. It is important to vaccinate chickens with the type of IBV causing the disease because different serotypes do not cross-protect. Different types of IBV include multiple serotypes and variants of the virus, which arise because of mutations, insertions, deletions, and recombination events during viral RNA replication. Compounding this situation is the ability of IBV to rapidly change and adapt to the host. Thus, it is extremely important not only to identify the IBV type causing disease, but also to choose an appropriate vaccine. There are approximately six different serotypes of IBV vaccine used in the United States. And, although Arkansas, Connecticut, and Massachusetts are three of the most common types used, the most frequently detected IBV type in commercial broilers in the USA is Arkansas.

Important Findings:
A succinct summary conclusion that gives the reader a quick idea of the article content and helps them determine if the article is relevant to the reader's area of interest.

Significance of Findings:
A brief description of why the study result is important and who might benefit from the information. The section also provides a quick context in which to understand the import of the study result, for example, the larger picture of what is happening in a particular country or industry.

This article in *Avian Diseases* is 7 pages.

The same article in *Avian Diseases Digest* is 1 page.

Additional Information:
This section provides more detailed information for readers who want to know more about the study result. This section may include more detail about the context or background of why the study was needed, what problem occurred that required analysis or solution, or what additional work is needed in the topic area to further the value of the research.

Dr. Jagdev Sharma, President of AAAP and Editor of *Avian Diseases* and *Avian Diseases Digest* recommends the digest to all AAAP members.

"I strongly encourage our members to subscribe to *Avian Diseases Digest*. This is a great resource and the online access to both the English and Spanish versions makes it convenient to use the journal as a ready reference at home or when traveling."



2009 Award Winners

Special Service Award: [Andy Rhorer](#)

Phibro Animal Health Excellence in Poultry Research: [David Swayne](#)

L. Dwight Schwartz Travel Scholarship: [Annika Hoffman](#)

Richard B. Rimler Memorial Paper Scholarship: [Enid McKinley & Jennifer Pfeiffer](#)

Reed Rumsey Student Award: [Taylor Barbosa and Deirdre Johnson](#)

Bayer-Snoeyenbos New Investigator Award: [Rami Dalloul](#)

P.P. Levine Award: [F.W. van Ginkel](#)

Lasher-Bottorff Award: [Jerry Maiers](#)

Life Member Award: [Jack King](#)

Bruce W. Calnek Applied Poultry Research Achievement: [Carol Cardona](#)

Outstanding Field Case and/or Diagnostic Report Award: [Suzanne Young](#)

A.S. Rosenwald Student Poster Award: [Aline Reis and Sachin Kumar](#)

Eskelund Preceptorship Awards: Andrew Couch, Ingrid Edwards, Erika Elmore, Khalid Munir, Emily Steubing

Click on underlined name for more photos.



2010 Awards

Submission Deadlines

Bayer-Snoeyenbos New Investigator Award:
February 1, 2010

Bruce W. Calnek Applied Poultry Research Achievement Award:
February 1, 2010

Lasher-Bottorff Award:
February 1, 2010

Life Membership:
February 1, 2010

Phibro Animal Health Excellence in Poultry Research Award:
February 1, 2010

Reed Rumsey Award:
December 1, 2009

Richard B. Rimler Memorial Paper Award:
December 1, 2009

L. Dwight Schwartz Travel Scholarship:
December 1, 2009

Special Service Award:
February 1, 2010

Kenneth H. Eskelund Preceptorship Scholarship:
December 15, 2009

**AAAP Interest Group
and Task Force
Committee
Reports**

[Animal Welfare and
Management Practices](#)

[Awards Committee](#)

[Biologics Committee](#)

[Education Committee](#)

[Enteric Disease
Committee](#)

[Epidemiology Committee](#)

[Food Safety and Diseases
of Public Health
Committee](#)

[History Committee](#)

[Kenneth Eskelund
Preceptorship Committee](#)

[Membership Committee](#)

[Respiratory Diseases
Committee](#)

[Tumor Viruses
Committee*](#)

[TIME Committee*](#)

[Drugs and Therapeutics
Committee*](#)

[Histopathology/Case
Report Interest Group*](#)

Additional reports from these committees can be found on the AAAP website.

**52nd Annual Report
American Association of Avian Pathologists, Inc.
For the year ending April 30, 2009**

The AAAP, Inc. has had a very successful year. The organization has continued to be strong in our core mission to provide education and continuing education to poultry health professionals by holding our annual scientific meeting and symposium in New Orleans in July, 2008. In addition, AAAP, Inc. supported the 4 regional poultry health meetings and the 7th International Avian Influenza Symposium held in Athens, GA in April, 2009. Our hard working members also produced the 5th edition of the Isolation and Identification Manual and the 3rd edition of the Avian Histopathology Manual this past year. Thank you to all of the authors and editors of these 2 books.

At the members' requests, the AAAP, Inc. has been following the lead of our parent organization, The AVMA, by becoming more involved in public policy. We assisted in the financial and legislative work to save the Food Animal Residue Avoidance Database (FARAD). We have been active in discussions with FDA and legislators regarding drug availability for poultry and have assisted AVMA in efforts to maintain a safe food supply for the public. One major area our membership has invested significant amounts of time is animal welfare. This past year, we provided the Professional Animal Auditors and Certification Organization (PAACO) with training videos on Gait Scoring in the Commercial Broiler, Auditing for Wing Trauma in a Poultry Processing Environment and laminated field guides for Broiler Foot Pad (PAW) Scores. A significant step in the public policy area came in March when the AAAP Board met at the AVMA Washington office with the AVMA staff of the Government Relations Division (GRD) and then met with leadership of USDA, FSIS, FDA, USDA-CVB, EPA, ARS, CSREES and also met with many of the board members' senators and representatives to give the AAAP and poultry industry concerns and positions on various issues.

This has also been a big transition year for the business office. For 51 years, AAAP, Inc. has been housed and managed completely by a member at a university. This fall, we moved everything to Florida and Bob and Janece Bevens-Kerr and I have worked as a team to manage the daily business of AAAP by phone, fax and e-mails.

Our membership has seen a decline this past year from a total of 971 members in 2008 down to 810 in 2009. The decline appears to be evenly distributed between the member categories of full and associate members to students and international members. We also saw a decline in the number of book dealers (12%↓) and institutions (63%↓) renewing subscriptions for the journal. It is important for us to maintain our association with AVMA so we can maintain our representation in the AVMA House of Delegates. This is accomplished by having at least 85% of our members who are veterinarians also members of AVMA and we easily accomplished this goal.

For fiscal year 2008-2009, the AAAP business transactions were compiled by the accounting firm of G. Michael Smith and Associates, Bogart, Georgia. The following items were noteworthy:

Due to the above mentioned decline in dues (↓ 9.2%) and subscriptions (↓ 18.1%), our income in this area was down by \$35,436. Also, with the cost of moving the office and the transition in managing the organization, our expenses were \$44,100 higher for FY08-09 (\$544,841) than in FY07-08 (\$500,741). However, our net decline in assets was only \$40,500 because of a 134% increase in sales of educational material, especially the 6th Avian Diseases Manual, 5th Isolation and Identification Manual and 3rd Avian Histopathology Manual and continued royalties' income from the Avian Diseases Journal (BioOne), David Swayne's Avian Influenza Book, and the 11th edition of *Diseases of Poultry*.

AAAP, Inc. continues to have a sound financial base with net assets of \$510,591 with \$275,000 of this invested in certificates of deposit.

We have successfully weathered a severe general economic situation for our members and subscribing institutions, the transition to a professional management structure and greater involvement in public policy. It is great to have Bob and Janece Bevens-Kerr managing the organization and I am confident that the AAAP will begin to grow in membership and increase assets in the coming year.

Respectfully Submitted,



Please click on the link
for the following reports:

[AAAP Business
Meeting Minutes](#)

[AAAP Foundation
Annual Report 2009](#)

[2009 Scientific Program
and Symposium
Evaluation Results](#)

Obituaries

Joe N. Beasley
1924-2009

Harold L. Chute
1921-2008

Charles H. Domermuth, Jr.
1929-2009

Thomas R. Mickle
1952-2008

I.D. Russell
1951-2008

William Gerencer
1929-2009



12627 San Jose Blvd.,
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Animal Health

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American Association of Technical Services Veterinarians (AATSV)
Association of Veterinarians in Egg Production (AVEP)
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CEVA Biomune
Cutler Associates International
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