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► Ten Past Presidents stepped forward to give \$49,700, with **Bill Chase** giving an incredible **\$40,000**. <sup>3</sup>

○ MAY

○ 2015

# AAAP Newsletter

THE AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS

**promotes scientific knowledge to enhance the health, well-being, and productivity of poultry to provide safe and abundant food for the world.**

## 2015 AAAP Annual Meeting in Boston

The American Association of Avian Pathologist's 58th Annual Meeting will be held in Boston, MA this year. This event will be held in conjunction with the AVMA Convention July 11-14 at the Boston Convention & Exhibition Center, 415 Summer Street, Boston, MA 02210. There have been several changes to this year's schedule; new times for the Awards Luncheon, the Keynote Address, the Annual Business Meeting and the History Lecture.

The AAAP Symposium, *An update on MD Vaccination and Immunosuppression*, will be held Saturday, July 11th from 7:30 am to 12:30 pm. AAAP committees will meet at the Boston Park Plaza Hotel between 2:00 and 5:00 pm. Also at the hotel on Saturday will be the AAAP new member Meet and Greet from 5:00 to 6:30 pm in the Whittier Room. All members are invited to stop by and welcome our new members.

Sunday, July 12th will be the first day of the scientific program beginning at 8:00 am and running through Tuesday, July 14th until 5:30 pm at the convention center. Jagdev Sharma will be giving the keynote speaker address Sunday, July 12th from 11:00 am to 11:30 pm. The keynote address is titled, *Outreach by our industry to improve household nutrition and income by increasing returns from backyard chickens in rural Africa*. The AAAP Business Meeting will immediately follow from 11:30 am to 12:30 pm.

Richard McCapes will give the AAAP Lasher-Eckroade History Lecture titled, *Life and Times of Ray Bankowski*, on Monday, July 13th from 11:15 am to 12:30 pm.

The annual AAAP Awards luncheon will be held in Harbor Ballroom 1-2 at the Boston Waterfront Hotel from 12:30 to 2:30 pm on Monday, July 13th. The Wine and Cheese Social will be from 4:30 to 5:30 pm in the Poster Room. Poster presenters will be there to explain and answer questions regarding their work.

Please click on the following link to find a floor plan of the convention center. [Boston Convention Center floorplan](#). Also find a link to a [downtown Boston](#) map which includes the Westin Boston Waterfront Hotel, the Boston Park Plaza Hotel and the Boston Convention Center. AAAP committee and affiliated group meetings will be held in the Boston Park Plaza Hotel. Take a [virtual tour](#) of the hotel

### AAAP Draft Minutes

- [AAAP Board of Directors Minutes July 2014](#)
- [AAAP Business Meeting Minutes July 2014](#)
- [AAAP Board of Directors Minutes November 2014](#)
- [AAAP Board of Directors Minutes January 2015](#)

Tickets for the 2015 Awards Luncheon are available [here](#)

[Click here for the 2015 Symposium & Scientific Program](#)





## Letter from the President

### Francene Van Sambeek

Greetings fellow AAAP members:

Daffodils are nodding their heads; grape hyacinths sprinkle their purple flowerets throughout the lawn; spring is here! After a cold, snowy winter, pleasant breezes waft through the house windows and enjoying the world outside is done without a coat. I hope you take time to enjoy all the wonderful moments this world has to share.

As I noted in the fall newsletter, challenges to our industry continue to spring up everywhere. The recent AI breaks along the Mississippi fly-way reinforce the importance of biosecurity on our commercial farms, in our travels, and in interactions with our producers. Consumer concerns that their food supplies are safe continually need to be appropriately addressed. The AAAP mission statement to “promote scientific knowledge to enhance the health, well-being, and productivity of poultry to provide safe and abundant food for the world” has never been more critical and truly defines our role in this industry. Antibiotic mandates from retailers are realities that need to be addressed and managed. Be assured that your organization is working with other groups to provide a strong, united voice on keeping scientifically valid options available for our birds’ health and welfare.

Internal challenges are being addressed as well. In January 2015, the Past Presidents committee met to interview two candidates for the Executive Director position in order to make a recommendation to the AAAP nominating committee. Both candidates did an outstanding job in presenting their views on the direction of AAAP and how to best go about representing AAAP. I look forward to the nominating committee’s final recommendation at this summer’s business meeting on Sunday, July 12th for the next Executive Vice President. I hope you will join me in

Boston to congratulate the member elected to serve this important role for our organization when the voting is completed.

Regarding our summer meeting in Boston, I want to thank program chair, Dr. John Smith, for his work in putting together a great mix of oral and poster presentations. The symposium topic on Saturday, July 11th, will be an update on Marek’s Disease vaccination and immunosuppression. Committee meetings that afternoon give you the opportunity to interact with members interested in specific areas within our specialty. Be sure to attend the Meet and Greet social that evening to get to know our next generation of members. I encourage everyone to purchase your tickets for the AAAP awards luncheon on Monday, July 13th, to honor your fellow members that have contributed so much to our organization. That evening, join us for the wine and cheese social, which is a great opportunity to visit with the poster presenters and gain more insights into to their work. Finally, I invite everyone to attend the Tuesday morning board of directors meeting, July 14th. This is an open meeting, and I welcome everyone to attend and learn the how AAAP leadership functions.

Thank you for the opportunity to serve as your AAAP President for 2014-2015, and I hope to see everyone in Boston this summer. Until July, I wish you an enjoyable spring/summer and please do not hesitate to contact anyone on your AAAP board if you have a need, concern or a compliment.

Thanks,

A handwritten signature in dark ink, appearing to read 'Francene', with a long, sweeping horizontal line extending to the right.

Francene Van Sambeek  
AAAP President

#### **New AVMA Committee appointments**

Food Safety Advisory Committee (FSAC)

-Elizabeth Krushinskie 2015-18

Convention Management Program Committee (CMPC)

-Danny Magee 2015-18

Clinical Practitioners Advisory Committee (CPAC)

-Chad Malinak 2015-18

Legislative Advisory Committee (LAC)

-Suzanne Dougherty 2015-18

Congratulations to Marion Garcia who will be serving on the AVMA Animal Welfare committee as the Humane or Animal Welfare organization primary representative.



### Letter from the Executive Vice President Chuck Hofacre

Dear AAAP Members,

In advance of our annual meeting I would like to give you the following updates

**New Executive Vice President.** As you know, I want to turn over AAAP to another member after 13 years. We announced last summer for interested members to apply and 3 extremely well qualified candidates accepted. At the U. S. Poultry Expo in January, 2015, two candidates then presented to the Past Presidents, the AAAP Board and the AAAP office their visions and thoughts for the future of AAAP. After much discussion and deliberation by the Past Presidents, they recommend Suzanne Dougherty to the AAAP Board for the Executive Vice President Elect. Thank you to all 3 of you who made the effort to apply. The next step will be for you to vote this summer at the Business Meeting in Boston on Suzanne to be the Executive Vice President Elect. If you choose to have her as your Executive, she will spend the next year shadowing me and learning the many unwritten processes and traditions that make AAAP work.

**Food Animal Veterinarians and AVMA.** As many of you know our parent organization has at times struggled with being responsive to many issues specific to Food Animal Veterinarians. We are only about 10,000 of the 85,000 members of AVMA but they recognize we are responsible for the health and wellbeing of the nation's food supply. To that end, Dr. Ron DeHaven, Executive Vice President of AVMA, meets twice a year (Spring and Fall) with Drs. Gatz Riddell, Executive AABP; Tom Burkgren, Executive AASV; and myself at the AVMA offices in Schaumburg. We discuss many

of the issues that have been fairly prickly and work out solutions or ways forward to the betterment of all 4 organizations. We know there is nothing good that will come from the Food Animal Veterinarians leaving AVMA so we are all committed to keeping the lines of communication open and working toward common solutions. Please let me know if you have any issues or topics you feel should be on our agenda.

**Antimicrobial Use and Resistance.** AAAP has worked to have representation on 2 critical Antimicrobial Use and Resistance Committees. The first is S-FAR (Stakeholder Forum on Antimicrobial Resistance). This is a group that has a broad diversity of representatives from the human medical community to veterinary medicine. It was begun by the Infectious Disease Society of America. The second is an attempt by AVMA to help in the collection of antimicrobial use volume in food animals. This Task Force has just been approved by the AVMA Executive Board and will have a member nominated by AAAP, AABP and AASV.

Finally, the future is bright for our organization. Past President and AAAP Foundation Chair, Fred Hoerr, has done an incredible job in fund raising for the AAAP Foundation and this past July challenged the Past Presidents to endow a scholarship. Ten Past Presidents stepped forward to give \$49,700, with **Bill Chase** giving an incredible **\$40,000**. The first AAAP Past Presidents Scholarship went to Laura Tensa, a student at Oregon State University.

I cannot tell you how great it is for all of you who volunteer your resources of time and money to our organization. Thank you from the Board of Directors.

Thank you also to Bob and Janece Bevans-Kerr for keeping us all in line and making everything run smoothly and efficiently.

See you in Boston,

A handwritten signature in dark ink, appearing to read 'Ch. Hofacre'.

Charles L. Hofacre  
Executive Vice President, AAAP

#### Upcoming AAAP Board of Directors Meetings

-July 9-10 2015 7:00 AM - 5:00 PM at AVMA Boston, MA at  
Boston Park Plaza, Brandeis Room

-July 14th 2015 7:00 AM - 12:00 PM at AVMA Boston, MA  
at Boston Waterfront Hotel, Harbor Ballroom 3

## MEET SUZANNE DOUGHERTY

Suzanne Dougherty will be nominated as the AAAP Executive Vice President Elect at this summer's AAAP Annual Business Meeting in Boston. If elected by the membership, Suzanne will serve alongside Chuck Hofacre during his last year as Ex. V.P. and will (with membership approval) take over as the AAAP's new Executive Vice President beginning in July 2016.

Suzanne is a long time member of the AAAP and has been extremely active in our organization. She is currently a member of the AAAP Food Safety Committee, Kenneth Eskelund Preceptorship Committee, Animal Welfare Committee --where she is the broiler representative on the core committee, and the Epidemiology Committee which she chaired from 2008 to 2010. Suzanne has also served on the AAAP Board of Directors as Director at Large from 2011-2013 as well as the ACPV Board of Governors. She has chaired the ACPV Training Program Review Committee. Currently she is AAAP's representative on the AVMA Food Safety Advisory Committee --a committee she chaired from 2012-2013. She was also an AVMA Future Leader in the 2013-2014 class.

Suzanne works as a poultry veterinary consultant, focusing on broilers, at Pecking Around Consulting, Inc. She has also been an integrator production veterinarian at Keystone Foods and Pilgrims Pride for a total of over 7 years. Previously she has worked at Aviagen as a technical service



veterinarian in North and Latin America. Suzanne holds a B.S. in Poultry Science, a M.S. in Poultry Sci/Pathobiology, and a DVM from Texas A&M University. In addition, she holds a MAM from the University of Georgia. She is also a Diplomate of the American College of Poultry Veterinarians.

Suzanne Dougherty's Curriculum Vitae can be found [here](#)

### 1. Why do you want to be the Executive Vice President for AAAP?

I have been actively involved in AAAP since entering the poultry field in 2003 and always believed it is critical to give back to our profession. The AAAP is the leading organization in poultry health and disease. I have always been amazed at how our leadership has steered our organization to be the premier poultry disease organization in the world today. I believe in our focus and mission including mentoring and outreach to students, value for new and current members, development of educational tools, direct involvement in national poultry disease committees, developing policy statements for poultry disease issues and working closely with the AVMA. The AAAP must have someone that is the face and voice for our organization, and I would be proud to be the EVP and help lead this organization into the future.

### 2. You were recently part of the AVMA Future Leader Program. How did that experience prepare you for this leadership role?

The AVMA Future Leader Program was an excellent yearlong opportunity that focused on organized veterinary medicine and how to best lead in these types of environments. It taught me the critical components of how a large organization such as AVMA functions, serves its members, performs its daily task, develops policy statements and works side by side with individual species organizations, including AAAP. We also learned about personal development and how to improve our leadership skills. Part of our program was a team project, where all 10 members of our class worked together to learn team-building skills. We also received media training and networked with the AVMA staff and Board of Directors. This opportunity, along with working on the AVMA Food Safety Advisory Committee over the last 4 years, has demonstrated the importance of the relationship between AAAP and AVMA. It also taught me tools to best lead an organization such as AAAP.

### 3. What other qualities and experiences do you bring to the Executive Vice President position?

Since graduating from the Master of Avian Medicine (MAM) program at the University of Georgia in 2004, I have primarily worked on the broiler and broiler breeder side of the poultry industry. I have a wide range of knowledge in technical service, broiler production medicine, and I am currently a consulting veterinarian. My focus in poultry veterinary medicine has been on disease management, animal welfare, food safety and antibiotic free production. My time in these areas has given me a great deal of experience in working with individuals on all levels of production from the grower to chief executive officers.

I have been actively involved with organized veterinary medicine including serving on the AAAP Board of Directors, AAAP Liaison for the AVMA Food Safety Advisory Committee, AVMA Future Leaders Program, various AAAP committees, Alabama and Kentucky Health Advisory Boards, American College of Poultry Veterinarians (ACPV) Board of Directors, and National Chicken Council (NCC) among many others. My experience spans from public speaking, educational seminars to service technicians, facilitating meetings, writing technical papers, cost and financial benchmarking, strategic planning and multiple media training sessions.

Over the course of my professional career, including active volunteering within poultry medicine and industry, I have built valued relationships within our colleagues, allied groups, and the AVMA. As the AAAP EVP, these connections will be instrumental in helping to lead the AAAP towards its future priorities and goals.

#### **4. What do you see for the future of AAAP?**

The American Association of Avian Pathologist's membership growth, retaining current members and increasing membership activity is key to our organization's future. In addition, these efforts are critical as we strive to remain affiliated with the AVMA. In working with AVMA in various capacities, my eyes are wide open to the need for the AAAP to have a positive working relationship with this very supportive organization. This rapport is critical, including the continued success of policy making for poultry and the AAAP's annual scientific meeting. AAAP's must keep its presence known with active volunteers within the AVMA organization. This affiliation is vital to our organization's future growth and success.

In order to improve and retain members of AAAP, it is imperative to demonstrate the benefits the organization offers them. This includes an esteemed journal, annual scientific meetings, symposiums and educational materials. Continued improvement of material and access to these items are critical to show the value of our organization. In addition, it is critical for AAAP to communicate the state and federal government advocacy activity between AAAP and AVMA with its members.

While poultry diseases are still at the heart of the AAAP, our organization must remain proactive and diligent on critically important issues and diseases the profession may be faced with now and in the future. Currently, there is an evolution of more public and consumer focus on animal welfare, food safety and antibiotic free production in addition to diseases. AAAP should be the "go to" resource for AVMA and groups seeking knowledge and understanding of poultry as it relates to these important issues. It is imperative to encourage the growth and positive direction of the poultry scientific field and our AAAP membership so we can accomplish these

challenges ahead. The AAAP must be the leaders to guide and answer scientific questions of all important poultry disease topics. As the premier organization for poultry veterinarians and scientists, the AAAP should be the expert and voice for poultry diseases, treatments and food safety in addition to many other matters. In order to achieve this, we must continue to have active involvement and volunteerism from our membership. IMO, this is the direction we need to move our organization in the future.

#### **5. Tell us about your professional growth and how you chose a path as a veterinarian specializing in poultry health.**

Becoming a veterinarian was always a dream of mine, but becoming a poultry veterinarian didn't honestly really appeal to me until after my first year of veterinary school. I always wanted to work with food animals, but thought more along the lines of mixed practice that included cattle. Prior to veterinary school, I had many positive experiences pointing me in the direction of poultry, including high school and college judging teams, college Poultry Science Club President, and a Master degree in Poultry Science, but I was still resisting. After my first year of veterinary school and working in an emergency clinic the following summer, I realized practice wasn't the route for me. Luckily, because I received my master's degree in poultry with a poultry veterinarian, Bill Hargis, I already worked alongside a few veterinarians working in the poultry industry. This included Dr. Charles Corsiglia and Dr. Allan Byrd. They were both instrumental in providing me direction that helped me obtain the poultry experience I needed to pursue a residency in poultry. By my 3rd year, I had decided poultry medicine was for me and spent over half of my 4th year in veterinary school working with various veterinarians in the industry. I was fortunate enough to be accepted into the MAM program at the University of Georgia and within weeks I knew I had made the right decision. The poultry industry was where I was supposed to be! I truly love my field and the veterinarians, scientists and field personnel I get to work with. My career path has led me more into the broiler side of veterinary medicine, but I enjoy learning about layer and turkey disease challenges and issues with my colleagues working with those species. After years in production, I am now consulting within the industry and really enjoy the flexibility and variety of different areas I am exposed to in poultry medicine. I have never looked back since making the decision to work with poultry and cannot imagine another field better suited for me!

## Welcome to our new AAAP members since January 2015

|                     |                      |                         |                       |
|---------------------|----------------------|-------------------------|-----------------------|
| Nazir Ahmed         | Jessica Elbert       | Jessica Koppien-fox     | Dilmara Reischak      |
| Shahan Azeem        | Brittany Gamble      | Christina Leyson        | Anja Rothkamp         |
| Murat Bahadiroglu   | Sergio Gamio         | Geoffrey Lossie         | Mariana Sa E Silva    |
| Susan Baley         | Mostafa Ghanem       | Melissa Madsen          | Kathleen Sary         |
| Miguel Barrios      | Amir Ghorbani        | Hassan Mahsoub          | Marcin Smialek        |
| Justin Bergeron     | Corine Giroux        | Thomas G Martin         | Ching Giap Tan        |
| Kathryn Burden      | Ashby Grace          | Ioannis Mavromatis      | Manuel Valencia       |
| Nicholas Buscaglia  | Gyeong Bin Gwon      | Kristie Mclaughlin      | Jessica Vande Vorde   |
| Robert Butler       | Syed Ali Raza Haider | Neha Mishra             | Trevor Walling        |
| Lauren Christiansen | Todd Harrell         | Ganapathi Raj Murugesan | Gregory Walth         |
| Tereza Chylkova     | Hannah Hart          | Erin Nonos              | Eric Wong             |
| Christine Daugherty | Myles Hill           | Cintia Okino            | Thomas Wurtz          |
| Eric Dejesus        | Woo-tack Hong        | Jose Perez              | Francielli Zimmermann |
| Andrea Delvecchio   | Rachel Jude          | Maria Prado             | Alexandre Zocche      |
| Jonathan Dorman     | Sina Kavadas         | Amanda Prickett         |                       |
| Helton Dos Santos   | Marie Keith          | Kathryn Purple          |                       |
| Leonardo Echenique  | Wei Kong             | Mohammed Rashid         |                       |

### New Member Orientation

The AAAP Membership committee has created a "New Member Orientation" webinar to help new members learn more about AAAP and how to become involved in the organization. This webinar outlines the AAAP goals, benefits of membership, and scholarship opportunities, among other information. If you are one of our new members (those who have joined AAAP within the last 3 years) we would encourage you to view the webinar at [this page](#).

### Remembering

**Joseph M. Bricker**

**3/22/1955- 1/28/2015**

**Ronald E. Plylar**

**9/27/1942- 4/17/2015**

### AAAP Foundation Endowed Scholarship

In July 2014, the AAAP Foundation launched a new fundraising initiative for the AAAP Foundation Poultry Scholarships. Members are now working to raise monies for named endowed scholarships. Each endowed scholarship fund must have a minimum of \$40,000 to ensure the annual funding of a \$1,000 scholarship in perpetuity.

Three named scholarship funds are off to a great start:

- The AAAP Past Presidents Poultry Scholarship is already fully funded! The Past Presidents having raised \$49,700.
- The University of Georgia Jack Tumlin MAM Alumni Scholarship fund has raised \$12,150.
- The AAAP Foundation R. W. Winterfield Poultry Scholarship fund has raised \$7550.

There are preliminary plans to organize scholarship funds from the Eastern, Western and Canadian regions. Please contact Fred Hoerr or the AAAP business office for more information on how to help.

The following thank you from a 2015 Poultry Scholarship winner demonstrates the importance of these scholarships:

*Dear Members of the AAAP Foundation,  
I want to express my sincere gratitude in receiving the 2015 AAAP Foundation Poultry Scholarship. Your investment in me as a future poultry veterinarian instills much confidence in me. Knowing that I have support of such a prestigious organization speaks volumes of my hopeful career in the poultry industry. I am hopeful that I can become the veterinarian with the potential that you all see in me.*

### AAAP Wine & Cheese Social in the poster room

**Monday, July 13 4:30 pm – 5:30 pm**

Boston Convention Center  
Room 201B (Poster Room)

Poster Presenters must be present by their posters and are encouraged to bring hand-outs.

## Affiliated Organizations

### ACPV Exam Revised by Janece Bevans-Kerr

The **American College of Poultry Veterinarians** has just completed a 2 year process that has resulted in a substantial revision to the exam and new pass scores (cut scores) for each section of the exam. ACPV began preparing for the process in 2012 at the urging of the American Board of Veterinary Specialties, who challenged the College to establish a cut score based on a well-known methodology such as the criterion referenced Angoff method. The previous cut score was 70% for each section of the exam. The ABVS felt this score was set without sufficient justification.

ACPV received recognition by the AVMA American Board of Veterinary Specialties in 1991 and full accreditation from the AVMA in 1996. It administered its first certification examination in 1992. The structure of the exam has not changed from the initial examination. It still consists of a basic examination given in a multiple choice format and an applied examination given in two parts; a projected images section and a written question section.

It has been a long road to the newly revised exam. ACPV hired Dr. Elizabeth Witt, Ph.D., a psychometrician who specializes in licensure and certification as well as educational testing. She recommended that ACPV begin the process with a jobs analysis that would result in an exam blueprint which would be used to revise the exam. Once the exam was revised, new cut scores could be established with a cut score analysis.

### Timeline

*January 2013:* Jobs Analysis Committee met. Their primary task was to identify the knowledge, skills and abilities needed to be a poultry veterinarian.

*Spring 2013:* A survey based on the KSAs was sent to the ACPV membership. It basically asked Diplomates to quantify how often they had to use a specific area of knowledge, a skill or an ability identified by the Jobs Analysis committee. There was a 57% response rate to the survey. In the world surveys, that is excellent. Normally 33% is considered good.

*August 2013:* Dr. Witt provided a Jobs Analysis that included a blueprint for the revised exam. She took the KSAs identified by the Jobs Analysis Committee and the importance of each provided by the survey results and outlined the content of the exam. The content of the examination includes the following subject areas with an emphasis on diagnosis and production:

- Anatomy and Physiology 4%
- Biosecurity 12%
- Diagnosis 34%
- Food Safety 5%
- Production 20%
- Professional Skills including oral, written and interpersonal communications 11%
- U.S. Regulations regarding poultry 9%
- Research Skills 5%

*October 2013 – May 2014:* An Exam Revision Committee was formed. Their first task was to agree on the KSA for each existing exam question. Then they worked to provide new questions to complete the blueprint. This was a phenomenal assignment as the College decided for a number of reasons (one being financial) that two forms of the exam should be created. This meant 400 multiple choice questions, 200 image questions and 20 written exam questions were needed—half of them new.

*May 2014:* A Cut Score Analysis Committee and the AAAP Exam Committee met at UGA to take and grade the revised exam. The Cut Score Analysis Committee spent two days taking both forms of the exam. The Exam Committee spent their time familiarizing themselves with rubrics used to grade some questions on the written exam and then grading the exams of the Cut Score Analysis Committee. At the end of the two days it was decided that the exam needed further revision. So instead of going on to the next step in the process, a cut score analysis, a new Exam Revision Committee was formed made up of some members of the Exam Committee and some members of the old Exam Revision Committee.

*September 2014:* The new Exam Revision Committee met at UGA for 2 days to refine the revised exam.

*December 2014:* A new Cut Score Analysis Committee was formed. Each member took both forms of the exam electronically. Some additional ACPV Diplomates acted as test takers and took both forms as well.

*January 2015:* The Exam Committee met at UGA to grade the exams. Scores for each item on both forms of the exam were collected to be analyzed by Dr. Witt.

*March 2015:* The Cut Score Analysis Committee met with Dr. Witt for two days at UGA. Six separate cut scores were established; one for each section of the exam and two forms of the exam. Both the Bookmark method and Angoff method were used to establish the cut scores.

37 ACPV Diplomates have volunteered hundreds of hours in this first major revision of the ACPV examination since its inception. The result is a difficult, but high quality exam the College can be proud of. The cut scores are established

through a legally defensible method. Elizabeth Witt did an exemplary job leading the jobs and cut score analyses and guiding us through the entire process. Karen Grogan, ACPV Ex.VP, has been involved in every aspect of the process. The ACPV office has also spent many hours preparing the materials, updating the materials, organizing the delivery of the materials and organizing the meetings. Although I (of course!) would never be able to pass the exam, I must say I've learned a lot about poultry medicine in the last two years!

The newly revised examination will be given to candidates for the first time July 9, 2015.

## PAACO

What is PAACO? PAACO is the **Professional Animal Auditor Certification Organization**. PAACO's main functions are to train welfare auditors and certify food animal welfare audits. The group is governed by its Members, which includes the Executive Director of AAAP, as well as those from FASS, AASV, AABP, and ARPAS. There are three representatives appointed from each Member groups that form the Board of Directors. The AAAP's Directors are James Barton, Dave Hermes, and Dave Pyle. Day to day operation is conducted by the Executive Director, Mike Simpson, with routine oversight from the Board. PAACO is financially stable and continues to grow each year.

**Strategic Planning:** On March 12-13, the PAACO Board of Directors participated in a Strategic Planning Session in Kansas City. All three AAAP Directors participated, as did most of the other Board Members. The general consensus was that this turned into a productive session and PAACO will have better focus and direction as it moves forward.

**Executive Director Search:** The current Executive Director will be retiring at the end of 2015 and PAACO has formed a search committee to solicit applications. So far, six complete applications have been received and more are expected prior to the April 20th deadline. The PAACO Board of Directors has a transition plan that will bring on the new Executive Director with minimal disruption to the organization's activities.

**Audit Instruments:** Much of the day to day work for your Directors involves ongoing review of audits for broilers, turkeys, meat plants, dairy and swine. There are several audits that currently have PAACO certification and more have been submitted for consideration. The process of certification and maintenance of that status requires detailed review by expert panels against specific PAACO criteria.

**Training:** The other work of PAACO Directors involves the

ongoing Meat Plant, poultry, and Canadian Poultry trainings. A new swine training is in development. It is worth noting that the recent Avian Influenza detections could negatively impact the poultry trainings, as biosecurity concerns are already heightened. Since visiting farms, hatcheries, and plants is part of the Poultry Welfare Auditor Training, it is possible trainings would need to be modified or canceled.

For additional information about auditor training sessions or other related topics, contact your PAACO Board members or Mike Simpson at [mike@animalauditor.org](mailto:mike@animalauditor.org), (402) 403-0104, or visit [www.animalauditor.org](http://www.animalauditor.org)

## Upcoming Meetings

### North Central Avian Disease Conference

The meeting will be held in conjunction with the 2016 Midwest Poultry Federation (MPF) and features a topic-rich agenda of various scientific presentations. It will be held on March 15-17, 2016 at the Saint Paul River Centre, St. Paul, Minnesota. Closer to the meeting, you will be able to register through MPF, using the Pre-Registration Form, or pre-register online at [www.midwestpoultry.com](http://www.midwestpoultry.com). To find out more about the MPF, visit their website.

### 65th Western Poultry Disease Conference

The 65th Western Poultry Disease Conference (WPDC) will be held April 24-27, 2016 at the Marriott Vancouver Pinnacle Downtown, Vancouver, BC, Canada. The WPDC website is: <http://conferences.ucdavis.edu/wpdc>

### Southern Conference on Avian Diseases

The meeting will be held together with Southern Poultry Science Society at the International Scientific Forum in Atlanta GA, January 25-26, 2016. IPSF Online preregistration for the International Poultry Scientific Forum available at: <http://www.ippexpo.org/ipsf/>

### 87th National Conference on Avian Diseases

NECAD will be in conjunction with the Pennsylvania Poultry Sales and Service Conference on September 16-17, 2015 at the Penn Stater Conference Center/Hotel, State College, PA. For registration please call (877) 489-1398 or visit the website. <http://extension.psu.edu/poultry-sales-service>

### 2015 WVPA Congress XIX

Cape Town, South Africa  
September 6-11, 2015



## Outreach Projects

### **Introduction of a high-performance scavenging chicken in Ugandan villages to improve family nutrition, income and quality of life**

Jagdev Sharma  
Arizona State University, Tempe, AZ  
2015 AAAP Keynote Speaker

In Uganda, as in most African countries, small scale poultry farming by rural households is a cultural norm and over 80% of total poultry production in the country is attributed to family flocks. The indigenous backyard chickens perform poorly; an average hen lays 20-40 eggs per year and a typical male chicken has an approximate live weight of between 1.5 and 2.0 kg at 9-12 months of age. In addition, because of poor disease control, the flock mortality rate often exceeds 40%. This poor level of production coupled with the small size of individual flocks, each comprising 5-20 chickens, is not adequate to meet the nutritional and economic needs of an average family. Although a number of strategies have been attempted over the decades to improve family flock production, little sustainable improvement has been achieved.

We used a novel strategy, previously untested in Africa, to substantially increase returns from family flocks. We introduced in rural family flocks a commercially available high-performing hybrid chicken called Kuroiler which is a dual purpose scavenger chicken that has been thriving in Indian villages for over 15 years. Although phenotypically similar to indigenous chickens, Kuroiler chickens produce nearly five times the number of eggs per year (150-200 versus 40) and attain a higher body weight (3-3.5 kg versus 2 kg) in less than half the time of indigenous chickens. In addition, Kuroilers are vaccinated against common poultry diseases to minimize disease-related mortality. A pilot trial in Uganda compared the performance of Kuroiler and indigenous chickens raised under identical scavenging rural conditions. The results showed that Kuroilers thrived in Ugandan rural environment, had low mortality and coexisted peacefully with indigenous chickens while outperforming them by a wide margin in both egg and meat production. The trial data presented at a Pan-African Conference held in Entebbe, Uganda resulted in an immediate demand for Kuroiler chickens among small-holder farmers and prompted the government of Uganda to officially accept the launching of the Kuroiler initiative in the country.

With the support from the Bill and Melinda Gates Foundation, the government of Uganda and Arizona State University, we initiated a Kuroiler production and distribution system in Uganda similar to the system being used successfully in India. Day-old chickens produced by a parent flock housed in Entebbe, Uganda were vaccinated and brooded for three weeks in farmer-owned brooding houses called Mother Units and then sold to small-holder farmers. Currently, there are 22 Mother Units situated in close proximity of target villages in diverse parts of the country. Thus far, during the first 24 months of the project, we have distributed approximately 500,000 Kuroilers to rural farmers in 52 districts. Within the next 12 months, our goal is to distribute approximately 3 million Kuroilers. Efforts are also underway to introduce Kuroiler chickens to other African countries, most notably Tanzania, Ethiopia, Nigeria, Malawi, Kenya and Rwanda.

Kuroiler is a hybrid and only F1 generation is most productive; production by subsequent generations falls precipitously. For maximum benefit, the farmers are encouraged to purchase a new flock of brooded Kuroilers at least yearly. This is in sharp contrast to indigenous flocks that self-perpetuate. Despite the expense of purchasing a new flock, Kuroilers generate over three-times the income generated by the indigenous chickens.

Because women are the principal care-takers of family flocks, an important part of the Kuroiler initiative in Africa is to promote women empowerment by holding community workshops where families, especially women, can receive training in poultry management, family nutrition and income generation. Thus far, four community workshops have been held in various districts with a total attendance of approximately 1900. Three additional community workshops are planned within the next several months.

Recently, we have initiated a private/public partnership to expand Kuroiler production and distribution. Currently, there are two Kuroiler parent flocks in Uganda, one owned by the Uganda government and the other by a private poultry producer. Private sector involvement is critical for long-term sustainability of the Kuroiler approach in Africa. Efforts are also underway to import and maintain the Kuroiler germplasm in Africa. This would allow local production of a Kuroiler-equivalent bird with an African name.

## My Visit to Ethiopia

Hailu Kinde  
University of California, Davis

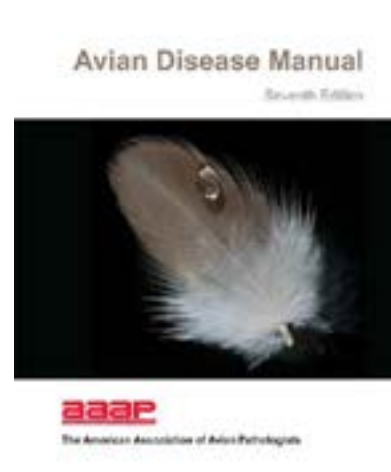


I visited my home country, Ethiopia between October and December, 2014 to spend time with relatives and to teach veterinary students at Addis Ababa (in Debrezeit) and Haramaya Universities.

I had the opportunity to teach 4th and 5th year students in Diseases of Livestock and Poultry. Lectures were supplemented with power point presentations and hands on chicken necropsy demonstrations. Sick and dead chickens were provided for demonstration and students were taught systematic necropsy techniques and description lesions as well as hall marks of certain diseases such as avian influenza, Newcastle disease, infectious coryza, infectious bursal disease, etc. It was interesting to note that the diversity of diseases observed during the demonstrations that made learning more interesting.

The laboratories I visited are striving in building their diagnostic capacity however, they are clearly short of expertise in diagnostic pathology as well as other disciplines, text books, laboratory equipment and supplies.

Upon my return to California, I requested of the AAAP Foundation a donation of books for 4 veterinary laboratories in Ethiopia to which it responded kindly and it quickly shipped 1 Diseases of Poultry, 4 Manuals of Poultry Diseases, and 4 manuals of Isolation, Identification and Characterization of Avian Diseases. The laboratories were very appreciative of the donation and have indicated that they are certain the book and the manuals will serve towards improving their poultry diagnostic efforts and for training their technicians. As an AAAP/ACPV member I too am very thankful for the Foundation's educational outreach effort.



The new *Avian Disease Manual 7th Edition* was released in March 2013. It is a bestselling publication of the AAAP. Its success is due to its ability to deliver at a reasonable cost, concise yet complete information on commonly encountered diseases affecting poultry. It has become an educational staple to North American veterinary and poultry science students, to those interested in avian diseases, and a most useful reference in developing countries.

**Members receive a 10% discount by using the following code: aaapmember**

### AVMA Future Leaders Program

Are you ready to take the next step in leadership and service for our profession? If you're an AVMA member just emerging in your career (15 years out from veterinary school or less) and you're looking for an exciting yearlong program to help you blaze your leadership path, the Future Leaders Program might just be the program for you. Watch the video at the AVMA site to learn more about the program from our facilitator and an alum of the program. You can find out more about the Future Leaders Program on the AVMA website: <https://www.avma.org/Members/FutureLeaders/Pages/default.aspx>

## Website News

### Security



AAAP websites over the past few months have made a migration to a more secure connection to transfer personal information over the internet.

When you login to the AAAP website, BioOne or JSTOR you will notice that your URL changes from <http://> to <https://>. When you are not logged into these sites information is shared between servers and clients without encryption (<http://>). When you login to the sites the URL will change to <https://> indicating that the connection is now encrypted and more secure to handle personally identifiable information like credit card transactions. Our website which is hosted by MemberClicks is PCI compliant which means it meets six standards for security which are: Builds and Maintains a Secure Network, Protects Cardholder Data, Maintains a Vulnerability Management Program, Implements Strong Access Control Measures, Regularly Monitors and Test Networks, Maintains an Information Security Policy. The AAAP also maintains standards which are PCI compliant. When online credit card processing is done we never see a card number. When orders are taken over the phone or by fax, numbers are destroyed immediately after processing and cannot be retrieved.

BioOne (<https://www.bioone.org/action/showLogin>)

JSTOR (<https://www.jstor.org/action/showLogin>)

AAAP (<https://aaap.memberclicks.net/>)



In March as our site converted to <https://> and we had to work with Allen Press to make sure that our auto-authentication continued to work for members to access the journal Avian Diseases. Some members may have experienced some downtime while we worked out the issues between Memberclicks (AAAP website provider) and Allen Press (Avian Diseases website provider) and JSTOR. We are happy to report that auto-authentication continues to work for all members who login to the AAAP website that is now fully encrypted.

### Mobility



Do you have a mobile tablet, Kindle device or laptop? Have you downloaded the mobile eBook files of the entire issue of Avian Diseases to your device? Simply login to the journal and click on the Supplemental Material. You can download the epub file to open in ibooks, [Adobe Digital Editions](#) and more. You can download the mobi file that will work on any Kindle devices. Once downloaded the entire issue resides on your device. eBook versions of the journal are available from March 2014 to current.



# Announcing the 2015 **AAAP Foundation Scholarship Winners**

## **2015 AAAP Foundation Poultry Scholarship Winners**

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| Brandon Armwood | North Carolina State College of Veterinary Medicine             |
| Valerie Marcano | University of Georgia College of Veterinary Medicine            |
| Callie Pierce   | North Carolina State University: College of Veterinary Medicine |
| Rachel Redman   | Western University of Health Sciences                           |
| Sara Reichelt   | North Carolina State University: College of Veterinary Medicine |
| Laura Tensa     | Oregon State University                                         |
| Jessica Walters | Virginia-Maryland Regional College of Veterinary Medicine       |

## **2015 Kenneth Eskelund Preceptorship Scholarship Winners**

|                    |                                       |
|--------------------|---------------------------------------|
| Shalette Dingle    | Cornell University                    |
| Clarence Ducummon  | University of Oklahoma                |
| Marissa Garry      | University of Minnesota               |
| Elise Gerken       | The University of Findlay             |
| Kristie McLaughlin | Ross University                       |
| Ed Metzger         | University of Guelph                  |
| Callie Pierce      | North Carolina State University       |
| Jessica Poindexter | Washington State University           |
| Racheal Redman     | Western University of Health Sciences |
| Abigail Reith      | University of Missouri                |
| Marie Severyn      | The Ohio State University             |
| Allison Watson     | Colorado State University             |





Announcing the 2015

## **AAAP Student Awards**

### **2015 Reed Rumsey –Clinical Research**

**Seiche Genger**- North Carolina State, Residency/Master's Program  
Abstract focus: Jejunal Length and Weight is Increased in Commercially Raised  
Turkeys with Depressed Growth

### **2015 Reed Rumsey – Basic Research**

**Eric Parent**- University of Montreal, Master's Program  
Abstract focus: Virulence profiles characterization of clinical strains of *Clostridium*  
*perfringens* causing necrotic enteritis in successive broiler chicken flocks raised  
without antibiotics

### **2015 Richard B. Rimler Memorial Paper**

**Stivalis Cardenas**- University of Georgia , PhD candidate  
Abstract focus: An evaluation of peripheral blood and splenic lymphocyte  
proliferation in two chicken breeds

### **2015 Schwartz Travel Award**

**Eric Shepherd** – University of Georgia, College of Veterinary Medicine  
Abstract focus: Development of Real-Time Quantitative RT-PCR Assays to Detect  
GA07, GA08 and GA13 Infectious Bronchitis Virus Types

# The following companies have already contributed to the 2015 Annual Meeting

Send your contribution today by contacting the AAAP buissness office [here](#)

## **Diamond (\$10,000 or greater)**

**CEVA**

## **Platinum (\$5,000 to \$9,999)**

**Charles River Spafas**

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Aviagen Inc. and Nicholas Turkey  
Cobb-Vantress  
Huvepharma, Inc.  
Jefo

Poultry Diagnostic & Research Center, UGA  
Sanderson Farms  
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## **Silver (\$1000 to \$1999)**

BIOMIN USA  
Butterball  
Cal-Maine Foods  
Center Fresh Farms  
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Pilgrims  
U.S. Poultry & Egg Association  
U.S. Soybean Export Council  
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## **Bronze (\$500 to \$999)**

Best Veterinary Solutions  
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Cutler Associates International  
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Epitopix  
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ZINPRO

### **Association Donations**

Cooper Farms  
HYGIEIA Biological Laboratories  
Midwest Poultry Federation

### **Individual donations**

Gary Spina

## AAAP Resources

AAAP Slide Study Sets (Partial previews below. Full sets can be purchased online [www.aaap.info/slides](http://www.aaap.info/slides))

[MAREK'S DISEASE](#) (Slide study set # 26)

[RNA TUMOR VIRUSES](#) (Slide study set # 27A)

[DIFFERENTIAL DIAGNOSIS OF LYMPHOID AND MYELOID TUMORS IN THE CHICKEN](#) (Slide study set # 27)

[Tumor Diagnosis Manual: The Differential Diagnosis of Lymphoid and Myeloid Tumors in the Chicken.](#)

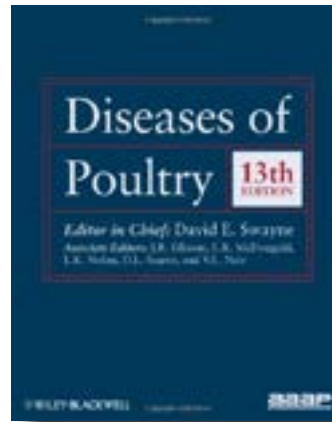
[Frequently Asked Questions on Tumor Virus Diseases](#)

## A New Slide Study Set is Available

### Infectious Bursal Disease



Infectious Bursal Disease, prepared by Dr. Silke Rautenschlein and Dr. Egbert Mundt covers everything from diagnosis to preventative strategies for IBD. You can order the new slide [here](#). AAAP thanks Drs. Rautenschlein and Mundt for their work and generous contribution to making this slide set. We encourage members to get their copy today.



Available in print since September 2013, is the new ***Diseases of Poultry 13<sup>th</sup> Edition***-- the definitive reference book for all aspects of poultry health and diseases. It is also available as an e-book. AAAP publishes *Diseases of Poultry* in partnership with Wiley Blackwell Publications. This new edition has added newer diagnostic methods and a new chapter on the emerging importance of zoonotic infections for poultry pathogens. There are also many new high quality photographs in this 1400 page volume.

Available as a hard copy and eBook formats.

**Members receive a 25% discount by using the following code: BP815**

**To order, visit:** <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470958995.html> or order by phone:

US: 877-762-6657

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Australia: +617-3351-8444 4

Asia: +54-64 60-4280-800-567-4797

Rest of World: +44-1243-84329 4

## Manual of Poultry Diseases

The manual of Poultry Diseases will be available in May and is being published by the French Association for the Advancement of Science (AFAS). For more information, see [this document](#) or contact Jean-Pierre Vaillancourt at: [jean-pierre.vaillancourt@umontreal.ca](mailto:jean-pierre.vaillancourt@umontreal.ca)

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## Employment Opportunities

### Diagnostic Pathologists

Wisconsin Veterinary Diagnostic Lab  
University of Wisconsin (Madison, WI)

The Wisconsin Veterinary Diagnostic Laboratory (WVDL), part of the University of Wisconsin, has three full-time positions available at the Assistant or Associate Clinical Diagnostic Professor level beginning summer of 2015. The primary responsibilities of these positions are diagnostic pathology, i.e., necropsy, histopathology, and requesting-interpreting appropriate virology, bacteriology, chemistry/toxicology tests, etc., and case coordination and consultation with referring veterinarians and other animal health professionals/groups. One or more positions will include a focus on poultry. Much of the case load is animal agriculture associated, e.g., calves, cows, and poultry, but a wide range of animal species including pets are seen at our laboratories.

### Poultry - Sr Vet Tech Services

Bayer  
Residence Based

The primary responsibility of this role, as Poultry - Senior Vet Tech Service, is to plan, perform and prepare technical bulletins on the results of post approval marketing studies for Bayer poultry products using GSP procedure and protocols. You will also educate, train and support field sales poultry specialists on Bayer poultry products and aid them in achieving sales goals and objectives.

### Postdoctoral Research Opportunity

A postdoctoral research opportunity is available with the United States Department of Agriculture (USDA) Agricultural Research Service (ARS), U.S. National Poultry Research Center, Southeast Poultry Research Laboratory (SEPR) in Athens, Georgia. As part of the ARS Animal Health National Program, the selected individual will perform research in the Endemic Poultry Viral Diseases research unit in support of the research project "Intervention Strategies to Control and Prevent Enteric Viral Diseases of Poultry". The objectives of the project are to characterize the complex viral community present in the poultry gastrointestinal tract, to develop novel molecular diagnostic assays for known and novel enteric viruses, and to design intervention strategies to control and prevent enteric disease and performance problems in poultry.

### Poultry Health Specialist

Ministry of Agriculture  
Abbotsford, Canada

This position has responsibility to provide diagnostic service and support to the regulated and non-regulated poultry industries, private poultry veterinarians, and private

veterinarians supporting urban and backyard poultry. The Poultry Health Specialist partners with the Avian Pathologist, the Veterinary Epidemiologist, the Public Health Veterinarian and the Poultry Industry Specialist to provide expertise in the areas of poultry emergency response to reportable diseases, to deliver relevant disease and health management information to poultry stakeholders through workshops and seminars, and to support poultry extension as required. This position frequently works in collaboration with other organizations within BC.

### Diagnostic Anatomic Pathologist

University of California, Davis  
Tulare, CA

The candidate will function as a diagnostic pathologist in a regional diagnostic laboratory in Tulare, CA, and will be responsible for cases involving both avian and mammalian species. Interaction and consultation with veterinarians and producers is required. Emphasis will be placed on diagnosis of diseases affecting poultry and other avian species. The ability to work productively and collaboratively in a multi-disciplinary setting is essential.

### Veterinarian

DuPont

We are seeking a Veterinarian to support our Animal Nutrition business. This position will interface with current and prospective customers coordinating and driving the implementation of DuPont products that includes enzymes, direct fed microbials and betaine products for the Animal Nutrition industry. Key Responsibilities include (but are not limited to): Customer facing, technical resource that is responsible for the technical success of Danisco Animal Nutrition/DuPont Industrial Biosciences Direct Fed Microbials with US customers.

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## 2015 AAAP Awards Luncheon

Monday, July 13, 2015 12:30-2:30

Westin Boston Waterfront Hotel

Sponsored by

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# AAAP/AVMA Future Annual Convention dates and locations

## Future Convention Cities

|      |                  |                  |
|------|------------------|------------------|
| 2016 | August 5-9       | San Antonio, TX  |
| 2017 | July 21-25       | Indianapolis, IN |
| 2018 | July 13-17       | Denver, CO       |
| 2019 | July 19-23       | Washington, D.C. |
| 2020 | July 30-August 4 | San Diego, CA    |



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904.425.5735 (Office)  
281.664.4744 (fax)  
aaap@aaap.info

**The American Association of Avian Pathologists promotes scientific knowledge to enhance the health, well-being, and productivity of poultry to provide safe and abundant food for the world.**