AAVP Newsletter

American Association of Veterinary Parasitologists

October, 2013 Volume 35, Number 3

In this issue

FROM THE PRESIDENT **1**

FROM THE SECRETARY/TREASURER **3**

AAVP MEMBERSHIP DUES AND CORRECTION OF DUES PAYMENT 3
2013 ANNUAL MEETING REPORT 4
AAVP SECRETARY/TREASURER POSITION 5

LIST OF AAVP COMMITTEE CHAIRS / MEMBERS 5

Officers *5*
Elected Committees *5*
Appointed Committees *5*
Past Presidents *7*

AWARDS **7**

2013 AAVP-MERIAL DISTINGUISHED VETERINARY PARASITOLOGIST AWARD 7
2013 AAVP STUDENT AWARDS 8
AAVP-Merck Outstanding Graduate Student Award ... *8*
AAVP-CAPC Graduate Student Award in Zoonotic Disease *8*
AAVP Young Investigator Travel Grant Award Winners *8*
Bayer Best Student Paper Award *9*

AAVP 2013 ANNUAL MEETING, CHICAGO – WHAT DID YOU SAY? **10**

WHAT ABOUT THIS YEAR'S MEETING WORKED WELL? 10
WHAT ABOUT THIS YEAR'S MEETING COULD BE IMPROVED? 11
RECOMMENDATIONS FOR NEXT YEAR'S MEETING 11

AAVP SESSIONS ON VICH ANTHELMINTIC GUIDELINES REVISION AND IDENTIFICATION OF INFORMATION GAPS **12**

ANNOUNCEMENTS **13**

WORLD FEDERATION OF PARASITOLOGY IS NOW ON FACEBOOK 13
ASSISTANT/ASSOCIATE PROFESSOR OF VETERINARY PARASITOLOGY POSITION AT UNIVERSITY OF MINNESOTA 13
COMMUNICATION TOOLS FOR AAVP MEMBERS 13

DAN ZARLENGA AAVP DISTINGUISHED PARASITOLOGIST AWARD RECIPIENT **14**

IN MEMORIAM: JACOB K FRENKEL, MD, PHD, 1921-2013 ..... **15**

UPCOMING PARASITOLOGY MEETINGS **16**

FUTURE MEETINGS OF THE AAVP 16
AMERICAN SOCIETY OF TROPICAL MEDICINE & HYGIENE (ASTMH) 2013 16
CONFERENCE OF RESEARCH WORKERS IN ANIMAL DISEASES (CRWAD) 2013 16

2013 MEETING PHOTOS **16**

From the President

AAVP members and colleagues:

As this term of office moves forward, I am looking forward to helping to continue and expand various AAVP programs. I think the meeting in Chicago went well, and we had the great treat that returning to the meeting and assisting with the program was one of our members, Dr. Joseph DiPietro who was one of the participants (along with Dr. Douglas Colwell, Agriculture and Agri-Food Canada, Dr. Susan Little, OK State, and Dr. Jim Blacka, Novartis Animal Health) in the student speed networking program. The fact that 48 of the 210 attendees were students (36 of which were supported by Young Investigator Travel Grants) and the increase in student chapters (there are now chapters at OK State, Cornell, University of Pennsylvania, LSU, and the Western College of Veterinary Medicine at the University of Lethbridge) shows a strong future for AAVP through what we can only hope is the continued involvement of these young folks throughout their careers.

Besides great attendance by our members, we also had the very strong partner support of our three socials (Bayer, Merial, and Elanco), coffee breaks (Scynexis), breakfast (Novartis), and the student trip to the Zoetis research facilities. The AAVP also appears to be greatly strengthened by its continued close working relationship with the National Center for Veterinary Parasitology at Oklahoma State, the American College of Veterinary Microbiologists with the section on DACVM board-certification preparation at the Chicago meeting on Tuesday morning having great attendance, and the Companion Animal Parasite Council with the biennial AAVP/CAPC educators having its fourth meeting in Chicago December 13th and 14th that Dr. Conboy is preparing.

As suggested by Dr. Marchiondo last year, it would be great if the committee chairs (and if you cannot remember your members, they are now listed in the front of the annual proceedings and in this newsletter) would meet by teleconference at least quarterly. Due to the morning meetings of the group working on VICH guidelines, the time for committee meetings at the conference were not optimally placed before the AAVP Business Meeting, and it would have been better to have these meetings earlier in the program – maybe next year. The Executive Committee continues its regular teleconferences and will be meeting in Boston in February. Bob Arther and the Andrew Peregrine (President Elect and Program Committee Chair for 2014) will be visiting Denver in the spring to make sure all is well aligned for the meeting next summer. Dr. Peregrine is already beginning to work hard on the program, so it should be an excellent event.

I stated during my President's address during the meeting that I would like to see AAVP take on three new roles during the next few years. First, I am hoping that we can develop an online encyclopedia of veterinary parasitology that is produced in a wiki-fashion by our membership. It is up in trial form for the Publications/Internet Committee; and hopefully, we will be able to open it to all members this year. I am still looking to gain access to the copyright information for certain large animal texts to serve as a start for these host species. I also stated that I would like to pursue two additional agenda items during this year. First, I would like to develop a means by which all the worms collected at necropsies as part of new drug applications could be somehow stored in a fashion where they could be used by parasitologists to look at the molecular biology of the worms that have been collected and identified. Personally, I have submitted a few of the many worms I have collected for this purpose relative to taxonomic work to the U.S. National Parasite Collection maintained by the Agricultural Research Service in Beltsville, MD, but these worms are preserved typically in formalin or alcohol. It seems a shame that this massive collection of biodiversity of identified parasites could not serve as a basis for additional molecular work in the future. Thus, I have asked Dr. John Barta of the Ontario Veterinary College at the University of Guelph, to chair an ad hoc committee to look into the feasibility of this endeavor. Also, I believe that in recent years, we have dropped our leadership role in parasite eradication; this is being pursued on many different fronts, but not by American parasitologists. We were historically in the lead with the eradication of Texas cattle fever (with our own commemorative coin for the centenary in 1993), dourine, and screwworm. Think we should reconsider making a concerted effort in this direction again in the coming decade. For this purpose, I have asked Dr. Jennifer Ketzis of Ross Veterinary College, St. Kitts, to head a second ad hoc committee that will examine what we might consider as worthwhile targets and the feasibility of success. Hopefully, one or more of these exploratory programs will lead to beneficial results.

Fortunately, I will be able to complete my term while we still have Bob Arther fulfilling his duties as Secretary/Treasurer. However, Arther's term is coming to an end next summer in Denver, and hopefully, we will get another great person to handle this critical position. I am certain you are all aware how vital this position is to AAVP, and also how wonderfully well our past Secretaries/Treasurers have served our organization in this important role. They have done a great job in helping us stay on a strong fiscal footing and making the life of the Program Chair livable for the year they are responsible for the meeting. Again, we will all be sorry to see Bob step down; he has done a great job.

If there are other things you think I need to consider, if you have suggestions for other items that should be on the Board's agenda, or if you would like something handled differently, let me know, and I will do what I can to have it acted upon. I look forward to being of service to the membership of the next 8 months.

Submitted by Dwight D. Bowman, AAVP President

From the Secretary/Treasurer

AAVP Membership Dues and Correction of Dues Payment

The payment period for 2014 dues is Oct. 1, 2013 – Jan. 31, 2014. Annual dues for regular members are $40.00/year and $10/year for students.

Dues may be paid online at the AAVP web site (www.aavp.org) by clicking the "Join" or "Renew" button on the right side of the home page. If you log in to the AAVP site first, your personal information will be automatically entered on the renewal form. The online payment system is administered through Pay Pal which also accepts most other credit cards. If you prefer to pay dues directly, please send a check payable to AAVP to me at the address below.

Last year the membership voted to increase annual dues for regular members from $30.00 to $40.00. Student dues remain $10/year.

Unless canceled by the subscriber Pay Pal automatically recharges the subscriber for dues on a yearly schedule. A number of regular members have automatically been charged $30.00 rather than $40.00 annual dues for 2014. Pay Pal provides the member with a confirmation of the amount paid. In order to correct this discrepancy it is necessary for those members currently having automatic dues renewal at $ 30.00 to cancel automatic yearly renewal with Pay Pal. In order to make up the $10.00 balance for the dues shortage those affected members are asked to select the "Discretionary Payment" button located in the "About " drop down menu on the home page to make a $10.00 credit card payment or they may send a $10.00 check to AAVP at my address below.

If you have questions regarding your dues or experience any difficulty with on-line dues payment please let me know and I will assist.

Members in good standing may purchase an online subscription to Veterinary Parasitology for an additional $40.00 per year.

Thank you for your continued support of AAVP.

Dr. Bob Arther
Secretary/Treasurer, AAVP
c/o Bayer HealthCare, Animal Health
P.O. Box 390
Shawnee, KS 66201 USA
Phone: (913) 268 2503
Fax: (913) 268 2541
Email: bob.arther@bayer.com

Submitted by Bob Arther, AAVP Secretary/Treasurer

2013 Annual Meeting Report

The 58th annual meeting of the American Association of Veterinary Parasitologists was held at the Westin Chicago River North, Chicago, IL Saturday July 20 through Tuesday morning July 23, 2013. A total of 210 individuals registered for the meeting (162 regular members / 48 students) plus additional invited speakers and guests. The theme of the meeting was "Now and tomorrow". A total of 36 Young Investigator Travel Grants (YITG) were awarded to students (each applying for a maximum of $500). A total of 94 abstracts were included in the meeting proceedings assembled by Dr. Dwight Bowman, the Scientific Program Chair. The AAVP Board meeting was held Saturday from 8:00 AM to 1:00 PM. A plenary session with 3 presentations pertaining to parasite imaging technologies was held Saturday afternoon. The AAVP/Merial Distinguished Parasitologist Award was presented to Dr. Dan Zarlenga, USDA-ARS Beltsville, MD following the plenary session. Lindsay Starkey, Oklahoma State University, received the 2013 AAVP/Merck Outstanding Graduate Student Award. She gave her presentation "Persistent *Ehrlichia ewingii* infection in dogs" on Saturday afternoon. Gail Moraru, Mississippi State University, was awarded the 2013 AAVP/CAPC Graduate Student Award in Zoonotic Disease. She was unable to attend the meeting. AAVP received strong financial support for the meeting from 20 sponsors including 5 at the "Partner" level. The Saturday opening social event was hosted by Bayer Animal Health, a Sunday evening social was sponsored by Merial and the Monday evening social was sponsored by Elanco Animal Health. Novartis sponsored the student lunches and continental breakfasts that were offered Sunday, Monday, and Tuesday. Scynexis sponsored the refreshment breaks during the meeting.

Time was provided Sunday and Monday mornings for open discussion and comments regarding the VICH guidelines. The AAVP business session and student presentation awards were held Monday afternoon and presided by President Dr. Alan Marchiondo. Reports were presented for each of the AAVP committee chairs. Ray Kaplan was elected as the new AAVP Vice President. Andrew Peregrine is the President Elect and the Program Chair for 2013-2014. Timothy Geary and Kevin Kazacos were elected to the Nominations Committee. Javier Garza, Louisiana State University, was elected as the 2013-2015 Student Representative for the AAVP Student Committee to co-serve with Melisa Beck. Rachel Curtis, Texas A&M University, was awarded 1st place in the Best Student Paper Presentation competition sponsored by Bayer Animal Health. Bradley van Paridon, University of Lethbridge, received 2nd place in this competition. Honorable mention certificates for the student paper competition were presented to Ablesh Gautam (University of Kentucky), Meriam Saleh (Virginia Tech), Jesica Jacobs (West Virginia University) and Alice Houck (Virginia Tech).

Dr. Marchiondo recognized the attendance of Dr. Joe Di Pietro, President of University of Tennessee during the business meeting.

A remembrance was offered for Dr. Robert Rausch who passed away earlier this year. Al Marchiondo reviewed the AAVP goals and performances achieved over the past year. Dwight Bowman provided an outline of the AAVP goals and objectives looking forward for the next 12 months under his leadership as president.

Dr. Marchiondo was recognized for his efforts and contributions to AAVP for the past year (see attached presentation) and was presented a plaque by Dr. Bowman at the close of the business meeting.

The AAVP President's Symposium was held on Tuesday morning with three invited speakers covering the subject of *Besnotia*. This session was followed by an audience participation session with examples of test questions submitted for the ACVM exam process. Box lunches at the conclusion were provided by Susan Little and the OSU National Center for Veterinary Parasitology.

Respectively Submitted by Bob Arther, AAVP Secretary/Treasurer

AAVP Secretary/Treasurer Position

I will conclude my fourth year and second term as AAVP Secretary/Treasurer at the conclusion of the 2014 meeting in Denver. Nominations to fill this position will be selected by the AAVP nominations committee and will be posted in the February 2014 newsletter. If you have an interest in this position or would like to suggest potential nominees please contact either Jim Miller (jmille1@lsu.edu) or Tom Nolan (parasit@vet.upenn.edu). If you have questions regarding the position please contact me (bob.arther@bayer.com).

It has been a memorable, educational, and enjoyable four years.
Thank you for your support.

Bob
Respectively Submitted by Bob Arther, AAVP Secretary/Treasurer

List of AAVP Committee Chairs / Members

The **chairs** and members of the AAVP Committees for 2013-2014 are provided below.

Officers

President: Dwight D. Bowman
Secretary/Treasurer: Bob G. Arther
President-Elect and Program Chair: Andrew S. Peregrine
Immediate Past President: Alan A. Marchiondo
Vice-President: Ray Kaplan

Left to right: AAVP Officers for 2013-2014: Drs. Dwight Bowman (President), Bob Arther (Secretary/Treasurer), Alan Marchiondo (Immediate Past President), Andrew Peregrine (President-Elect and Program Chair). Not pictured Ray Kaplan, (Vice-President)

Elected Committees

Nominations

Jim Miller (2013), Tom Nolan (2013), Ray Kaplan (2014), Tom Craig (2014), Jenifer Edmonds (2015), Craig Reinemeyer (2015), Tim Geary (2016), and Kevin Kazacos (2016).

Appointed Committees

Archives

Tom Nolan parasit@vet.upenn.edu (2013), Raf Roncalli (2013), Miguel Suderman (2014).

Awards Committee

Doug Carithers doug.carithers@merial.com (2013), Doug Hutchens (2013), Stephanie Heise (2013), Tom McTier (2014), Jeff Clark (2014), Sara Marley (2014), Dan Snyder (2014), William Ryan (2015), David Lindsay (2015), Susan E. Little (2016).

Constitution and Bylaws Committee

Wendell Davis wendell.davis@bayer.com (2013), Lori Carter (2013), Stephanie Heise (2013), Amy Edwards (2013), Tom Kennedy (2016).

Education Committee

Gary Conboy conboy@upei.ca (2013), Doug Hutchens (2013), Araceli Lucio-Forster (2013), Pat Payne (2013), Tammi Krecek (2014), Christian Epe (2014), Tom Craig (2014), Andrea Varela-Stokes (2015), Tom Nolan (2015), Karen Snowden (2015), Roberto Cortinas (2016).

Finance Committee

Andrew Moorhead amoorhed@uga.edu (2013), Ray Kaplan (2013), Robert Miller (2014), Kerry Powell (2014)

Historian

Raf Roncalli r.roncalli@gmail.com (2014), Tom Nolan (2014), Alan Marchiondo (2015).

Newsletter/Editorial Board

Jenifer Edmonds, Editor jedmonds@johnsonresearchllc.com (2013), Ann Donoghue (2013), Claire Mannella (2013), Sue Holzmer (2014), Barbara Shock (2014), Theresa Hartwell (2014), Scott Bowdridge (2015), Tejbir Sandhu (2016).

Program Committee:

Andrew Peregrine aperegri@ovc.uoguelph.ca (2014), Ray Kaplan (2015), Dwight Bowman (2014), Bob Arther (2014), Melissa Beck (2014), Javier Garza (2015).

Publications/Internet Committee

Tariq Qureshi tariq.qureshi@merck.com (2015), Richard Endris (2014), Kelly Allen (2014), Chris Adolph (2014), Miguel Suderman (2015).

Outreach/Research Committee

Lora Ballweber lora.ballweber@colostate.edu (2014), Charles Mackenzie (2013), Christine McCoy (2014), Kerry Powell (2014), Ray Kaplan (2015), Frederic Beugnet (2015), Sheila Mitchell (2015), Frederic Beugnet (2016).

Student Representatives:

Melissa Beck m.beck@uleth.ca (2014)
Javier Garzais (2015).

Past Presidents

Alan Marchiondo
alan.marchiondo@zoetis.com
Patrick Meeus (2015),
Karen Snowden (2014)

AAVP President Dwight Bowman presented Alan Marchiondo (Immediate Past President) with a recognition plaque at the AAVP Business Meeting.

Ad Hoc List Serve Manager

Bert Stromberg b-stro@umn.edu (2016)

Awards

2013 AAVP-Merial Distinguished Veterinary Parasitologist Award

Dan Zarlenga, with the Foundation for Advanced Education in the Sciences at NIH and Research Leader for the Animal Parasitic Diseases Lab, has been selected as the 2013 Distinguished Veterinary Parasitologist.

This is the society's most prestigious award and honors the outstanding contributions of an AAVP member to the advancement of veterinary parasitology. Dr. Zarlenga presented highlights from his accomplished career following the opening session at the AAVP annual meeting in Chicago. A brief summary is provided in this newsletter and also in the AAVP 2013 Annual Meeting Proceedings booklet.

Doug Carithers (left, Merial LTD) presented the Distinguished Veterinary Parasitologists Award to Dan Zarlenga.

2013 AAVP Student Awards

AAVP-Merck Outstanding Graduate Student Award

Lindsay Starkey of Oklahoma State University is the AAVP-Merck Graduate Student award winner. Lindsay's hometown is Valley Falls, Kansas. She graduated from the University of Arkansas (2007) and from Oklahoma State University College of Veterinary Medicine (2011). Currently at OSU, she is halfway through a PhD / residency program and recently passed her qualifying exams. While striving to graduate in 2015, her career goals are still open, but she is leaning towards academia or industry.

As recipient of the Outstanding Graduate Student Award, Lindsay received reimbursement of travel expenses by the AAVP, an engraved plaque presented at the AAVP Annual Meeting (shown right), and a monetary award of $1000 provided by Merck Animal Health. She also gave a 25-minute presentation of her research entitled "Persistent *Ehrlichia ewingii* infection in dogs".

AAVP-CAPC Graduate Student Award in Zoonotic Disease

Gail Moraru, PhD, formerly of Mississippi State University, is the recipient of the 2013 AAVP-CAPC Graduate Student Award in Zoonotic Disease. Gail is currently residing in Israel and was not able to attend this year's meeting. She did, however, receive an engraved plaque and a monetary award of $1000 provided by CAPC.

AAVP Young Investigator Travel Grant Award Winners

The AAVP Awards Committee selected the following 35 students and one post-doc to receive Young Investigator Travel Grants, to offset expenses associated with attending the AAVP meeting in Chicago. The requests averaged $460.63, with a range of $300-$500, for a total cost of $16,121.99. The names of the travel grant recipients, including institutions are provided below.

- Virginie Barrere (McGill University,)
- Anne Barrett (Oklahoma State University)
- Melissa Beck (University of Lethbridge)
- Jennifer Bellaw (University of Kentucky)
- Miranda Bertram (Texas A&M University)
- Alejandra Betancourt (University of Kentucky)
- Steffanie Burk (University of Kentucky)
- Xin Cao (George Mason University)
- Sarah Casey (Virginia Tech)
- Rachel Curtis (Texas A&M University)
- Javier Garza (Louisiana State University)
- Ablesh Gautam (University of Kentucky)
- Pablo Godoy (McGill University)
- Caroline Grunenwald (University of Tennessee)
- Sarah Hamer (Texas A&M University)
- Brian Herrin (Oklahoma State University)
- Rush Holt (West Virginia University)
- Alice Houk (Virginia Tech)
- Nuzhat Islam (Cornell University)
- Jesica Jacobs (West Virginia University)
- Alexandra Kravitz (Cornell University)
- Ashley Malmlov (Colorado State University)
- Melissa Miller (University of Georgia)
- Sarah Orlik (Louisiana State University)
- Bradley van Paridon (University of Lethbridge)
- Dana Pollard (Texas A&M University)
- Rebecca Price (West Virginia University)
- Zia-ur-Rehman (Massey University)
- Heather Rhoden (Oklahoma State University)
- Jessica Rodriguez (Texas A&M University)
- Tiffany Rushin (Virginia Tech)
- Meriam Seleh (Virginia Tech)
- Karen Sommers (West Virginia University)
- Lindsay Starkey (Oklahoma State University)
- Luisa Velasquez (Oklahoma State University)
- Emily Wessling (Cornell Universtiy)

2013 Young Investigator Travel Grant Award Recipients

Bayer Best Student Paper Award

First Place

First place congratulations go to Rachel Curtis from Texas A&M University, for her presentation: "*Trypanosoma cruzi* genetic strain diversity in Texas wildlife and kissing bug vectors".

Second Place

Bradley van Paridon (University of Lethbridge), received 2nd place in the Best Student Paper Presentation competition for his talk entitled: "Invasion pathway and transmission dynamics of the invader *Dicrocoelium dendriticum* within cattle and wildlife in the Cypress Hills Park, Alberta". Both award winners were presented with honoraria during the awards ceremony.

Honorable Mention

Jesica Jacobs (West Virginia University), Alice Houk (Virginia Tech), Meriam Seleh (Virginia Tech), and Ablesh Gautam (University of Kentucky) all received honorable mentions for their presentations and will have their student registration fee for the 2014 AAVP meeting covered by the AAVP.

AAVP 2013 Annual Meeting, Chicago – What did you say?

At the end of this year's meeting 49 people kindly provided feedback on the conference. Many made very positive comments, such as:

- *Keep up the great work – this was an awesome meeting.*
- *I really liked this meeting. People are easy to approach and to talk with. This meeting is a great opportunity for students to meet people and learn from them.*
- *The focus on the students is wonderful. I enjoy that they are not competing with PI's for attendance.*
- *Wonderful choice of hotel! The location on the river and close to public transportation hubs worked well.*

However, there clearly are areas for improvement! For questions 1-5 on the survey, people were asked to rate their experience from 1 to 5 (poor to outstanding); average responses were as follows:

1. Ease of submission of abstracts: 4.2 / 5
2. Quality of information provided about conference: 3.9 / 5
3. Quality of conference program: 4.3 / 5
4. Overall quality of meeting in relation to registration fee: 4.6 / 5
5. Quality of conference rooms/facilities: 4.2 / 5

The following were the most common responses to additional, open-ended, questions:

What about this year's meeting worked well?

- *Excellent time keeping / having moderators stand at 3 min was a good idea.*
- *Excellent presentations.*
- *Having the 2 rooms right next to each other + the large foyer right outside for breaks. Facilitated good interactions and ease of going from session to session.*
- *DACVM clicker session.*
- *Great discussion on filarial resistance in particular.*
- *Zarlenga's talk is something I will never forget.*

Student-specific comments:

- *Great student presentations – hopeful for the future of AAVP.*
- *I really liked the fact that students get involved in the meeting.*
- *Speed dating and providing lunch for students to improve networking.*
- *#AAVP2013.*

What about this year's meeting could be improved?

- *A/C a bit too much.*
- *No 6:30am sessions.*
- *Longer lunch and coffee breaks.*
- *Shorter sessions (max 1.5 hours).*
- *Coffee and snacks were lacking – they were cleared away too quickly.*
- *Easier access to online program/The program-schedule should have been posted on the website instead of the newsletter.*
- *The sessions should have been a little better organized (folders made, announcement made about putting abstract # & last name on ppt file etc).*
- *More discussion on topics that are important.*
- *Abstract submission – the AAVP website is still a bit difficult to navigate.*

Recommendations for next year's meeting

- *Longer breaks or shorter meeting days: 6am-9pm is a long time to be watching/listening to seminars.*
- *At least 15 min gap between end of session and industry symposia.*
- *Electronic pdf of detailed proceedings to download instead of paper.*
- *Encourage discussion on new products.*
- *Suggest combining plenary (opening) and president's symposium in 1 symposium.*
- *Add a category for papers relating to education, outreach and assessment of student learning.*
- *Forum for creating an educational framework for educating practitioners and/or producers on best practices for monitoring & managing parasite resistance. That's a huge ask, of course, and could be too hard, however, in light of resistance the message needs to go out beyond these rooms.*
- *Have committee meetings early in program, rather than last day.*

Student-specific comments:

- *Abstract acceptance confirmation should be sent earlier next year. This would help us to apply & secure more funding from other sources like graduate school etc.*
- *At least one outdoor event; perhaps a student-professor networking event.*
- *Student mentor program to match 1st year attendees with veteran students.*
- *Student speed dating on first day of meeting to break ice. Also, have multiple days of it w/ different people.*

Thank you for this feedback. We will certainly consider all these points as we prepare for the next AAVP meeting in Denver, July 26-29, 2014.

And if you have any additional comments or questions, please feel free to send them to me.

Andrew Peregrine, AAVP President-Elect
E-mail: aperegri@ovc.uoguelph.ca

AAVP Sessions on VICH Anthelmintic Guidelines Revision and Identification of Information Gaps

Dear AAVP members and colleagues:

During the 58th annual meeting of AAVP, discussion sessions were held on Sunday, July 21, and Monday, July 22, to discuss the VICH/IN/12/012, November 11, 2012, Draft document entitled "VICH Anthelmintic Guidelines Revision and Identification of Information Gaps". This document contains common issues identified by the Center of Veterinary Medicine (CVM), FDA, and across the regulatory jurisdictions of the VICH countries. These issues cover perceived gaps in the VICH Anthelmintic Guideline GL7 as well as more recent concerns regarding ectoparasiticide guidelines, anthelmintic/parasiticide resistance, and the use of fixed combination anthelmintics with overlapping indications. CVM recommended that VICH establish an Expert Working Group (EWG) with the goal of revising and harmonizing the existing guideline VICH GL7, Anthelmintic General Recommendations Guideline and develop future guidelines on parasiticide resistance and fixed combination anthelmintics.

The original premise of the meetings in Chicago was to generate discussion and possibly gain consensus from the AAVP membership to questions raised in the document The VICH document takes reasoned and scientifically supported positions for areas within the current guidance where changes might be necessary. The AAVP meetings, both for large (chaired by Roger Prichard, Jenifer Edmonds, Craig Reinemeyer and Lora Ballweber) and small animal helminthology (chaired by Michael Dryden, Al Marchiondo, Tom Kennedy and Jennifer Ketzis) provided a forum for the membership and other interested parties to comment on:

a) Whether these selected areas are appropriate for review,
b) Discuss the possible changes outlined in the VICH document for either acceptance of the proposals or proposed alternative solutions and
c) Propose other areas to consider within the VICH Anthelmintic Guidelines process.

The optimal outcome of the meeting would have been to produce a consensus document on all three areas. However, after several frustrating attempts to produce a report from the meeting notes, recorded transcripts, and from memory of the discussions, it is obvious that the AAVP membership does not have a unified position on any of the questions in the target document and in fact, may be divided in opinion or wish to embellish the outcome for most of the questions. What did surface from these discussions is that the AAVP is a singularly well-suited group of individuals from which to draw expert opinions on these areas of interest and the meeting attendees did seem to be in a consensus that the current guidelines require revisions and clarifications. The comments recorded at the meeting will be placed in the Members area of the AAVP website. Due to time limits of the sessions and AAVP representation limited to only those members in attendance, not all positions may have been capably expressed. Additional comments are welcomed through the AAVP website, face book and list serve.

The AAVP Executive Committee should consider, in a letter to the relevant VICH and CVM contacts, outlining the outcome of these meetings and the results. It should be made clear to the VICH and CVM that these issues require further learned discussions to gain a consensus and that the AAVP membership can be key resources for the discussion of these issues. The AAVP Executive Committee should insist on members of the AAVP as key participants in that discussion. In that regard, the AAVP Executive Committee must discover how it may, as a resource, participate in and contribute to the VICH review process.

Respectfully submitted,

Tom Kennedy
Jennifer Ketzis
Alan A. Marchiondo
Michael Dryden

Lora Ballweber
Jenifer Edmonds
Roger Prichard
Craig Reinemeyer

Announcements

World Federation of Parasitology is now on Facebook

The World Federation of Parasitology (WFP) exists to unite those with an interest in the world of parasites. The official Facebook page for the WFP has been created and can be found at, https://www.facebook.com/groups/worldfederationofparasitology/ . This Facebook page is to be a place for people including researchers, students, doctors, epidemiologists, other professionals and members of the public to openly discuss parasites, post interesting articles, advertise jobs/student positions, conferences and anything else of relevance. The Facebook page is in addition to the official WFP website http://wfpnet.org/tab_home.php.

Assistant/Associate Professor of Veterinary Parasitology position at University of Minnesota

The University of Minnesota is recruiting a Veterinary Parasitologist at the Assistant or Associate Professor level. Please use the following link for the position posting.

https://employment.umn.edu/applicants/jsp/shared/position/JobDetails_css.jsp

Communication tools for AAVP members

The following tools are established to facilitate communication among AAVP members.

AAVP Email List: This list is maintained by the AAVP Secretary/Treasurer. All dues-paying AAVP members with registered email addresses receive email notices from the webmaster or executive committee regarding important announcements or reminders. These notices include information regarding the AAVP annual meeting, electronic ballots and voting, and publication of the AAVP newsletter.

AAVP Listserv: This electronic mailing list is maintained by the Listserv Manager and is independent of the email list. Members have the choice to opt in or opt out of this listserv. The purpose of this listserv is to allow an individual to send one email, and have it broadcasted to all the members of the list at one time. The nature of the listserv encourages discussion between members of the list and allows for fast dissemination of information to all members. If you would like to join the listserv contact Bert Stromberg at b-stro@umn.edu.

AAVP Facebook page: Any member of Facebook can join the AAVP Facebook page and post comments, announcements, or pictures to the AAVP Facebook wall. The Facebook page is maintained by the Publication/Internet committee chair. Contact Tariq Qureshi tariq.qureshi@merck.com with questions or visit the AAVP Facebook page at http://www.facebook.com/pages/American-Association-of-Veterinary-Parasitologists/173196885755.

Dan Zarlenga AAVP Distinguished Parasitologist Award Recipient

Dan Zarlenga was born in Youngstown, Ohio and grew up in Girard, Ohio, a small, neighboring city. As a young boy he had a keen interest to understand how things worked. When items around the house broke, he liked to take them apart to see what made them tick (he once did this to his little brother's pet turtle). Following his junior year in high school, his family moved to Northern Ohio along the Great lakes. Dan stayed behind in Youngstown to finish his senior year and then attended Youngstown State University where he received a BS in Chemistry. He graduated cum laude and was awarded the Youngstown State University Pin, an honor bestowed to only 5 graduates with combined highest scientific and academic achievement while maintaining a high level of extracurricular involvement in the University. He played AA baseball for a short while before deciding that the fun had gone out of the game. During his time at Youngstown State, he was elected student government vice-president. He was also inducted into Phi Lambda Upsilon, a nationally-recognized Honors Chemical Society. After graduating in 1976, he attended graduate school in the Department of Chemistry at the University of Cincinnati, and pursued a major in biochemistry wherein he synthesized and characterized ionene polymers that could be used to bind to and study DNA and RNA structure.

Dan received his Ph.D. in 1982 at which time he and his new wife, Gloria moved to Baltimore MD where he worked as a post-doctoral fellow at The Johns Hopkins University. While at Johns Hopkins, he first ventured into the field of molecular biology and used his new found expertise to study the anti-proliferative effects of interferon-beta on human fibrosarcoma cells; a far cry from parasitology. He began teaching a course on molecular biology at the Center for Advanced Training in Cell and Molecular Biology at the Catholic University of America in Washington, DC. Following one of those lectures, Dan was approached by a participant, Dr. Ray Gamble who at the time was a staff scientist at the USDA in Beltsville, MD and very interested in advancing Trichinella research into the age of molecular biology. Ray explained the dearth of people working in molecular parasitology and convinced Dan that a change in research directions would not go unrewarded; Dan never looked back. He worked as a post doc with the Agricultural Research Service at the USDA for 2 years and was eventually hired by Dr. Ralph Lichtenfels in the Biosystematics Lab where he continued his work on *Trichinella* and began a program on the molecular studies of *Taenia* spp.

Since Dan "crossed-over", he has applied recombinant DNA technologies to three broad research areas: DNA and protein-based diagnosis of parasitic diseases; reagent development and their application to studying host responses to parasite infections; and nematode systematics. In 1991, he received the Early-career Scientist of the Year award from the USDA. His pioneering work on the genetics of *Trichinella* resulted in the development of a test that was adopted by the International *Trichinella* Reference Center in Rome, Italy and has become the industry standard for genotyping *Trichinella* isolates. This test has underpinned all current knowledge of the worldwide distribution of organisms belonging to this genus. He was also a key contributor to sequencing the *Trichinella* genome which was recently published in Nature Genetics. He is an appointed board member of International Commission on Trichinellosis. Work performed by Dan on the molecular diagnosis of cattle GI nematodes led to establishing a regional testing facility to diagnose parasite infections from fecal eggs. This test was also used in the latest survey sponsored by the National

Animal Health Monitoring System to assess the level of drug resistance in the US cattle population. His molecular studies on a newly identified Asian taeniid and the yearlong training that Korean scientists obtained while visiting his lab culminated in naming a new species of human *Taenia*. Recently, Dan collaborated with Chinese scientists to develop a novel mathematical model for simulating pathogen infection profiles. The algorithm has been successfully tested on H1N1, the emergence of drug-resistant bacteria, and the incidence and death rates of tuberculosis in the United States and Europe in the hope that the algorithm will be tested on zoonotic parasites when sufficient data sets become available. Dan was instrumental in developing novel reagents and transcriptional assays for multiple bovine and swine cytokines and receptors. These studies were among the first that quantified changes in bovine and swine immune-related genes resulting from nematode infections.

To date, Dan is the holder/co-holder of 8 patents, has authored/co-authored 18 book chapters, reviews and/or special issues for multiple scientific journals and coauthored >150 publications. He has appointments on the editorial boards of the Journal of Parasitology, Parasitology, Veterinary Parasitology and Comparative Parasitology (2000-04), and participated on the Scientific Advisory Council for the American Type Tissue Collection. Over the years, Dan has held adjunct positions with Department of Biochemistry, Howard University Graduate and Medical Schools, the Virginia-Maryland Regional College of Veterinary Medicine, and the University of Maryland College Park, Department of Graduate Studies, and was recently invited to join the adjunct faculty of the University of Delaware in the Department of Animal and Food Sciences. He is currently on staff with the “Foundation for Advanced Education in the Sciences” at NIH and took on the role as Research Leader for the Animal Parasitic Diseases Lab from 2007-2010. In his free time, he enjoys rebuilding old cars (British), golfing and spending quality time with his wife, Gloria and his two, Korean, adopted children, Kelsey and Alex.

In Memoriam: Jacob K Frenkel, MD, PhD, 1921-2013

Dr. Jacob Frenkel passed away at his home in Santa Fe with his family present on August 15, 2013.

Dr. Frenkel received his undergraduate and graduate degrees from the University of California in San Francisco. A research pathologist, he was a Professor Emeritus at the University of Kansas and an Adjunct Professor at the University of New Mexico. Nationally and internationally known for his research on various infectious diseases, he received numerous awards and served as President of the American Society of Tropical Medicine and Hygiene.

Dr. Frenkel was a Fulbright Professor in Mexico and a Leopoldina professor of the National Academy of Science in Germany where he received the Senior US Scientist Humboldt Award. Much of his research was in South America where he was a visiting Professor in Colombia, Costa Rica, Peru and Brazil.

Dr. Frenkel served in the Army in WWII and was a Captain in the US Public Health Service Reserves until his retirement.

He is survived by his wife of 59 years, Rebecca, children Lisa Frenkel MD, Linda Bedell, Carl Frenkel and 6 wonderful grandchildren.

At Dr. Frenkel's request there will be no public services.

The family thanks Dr. Louise Able and PMS Hospice for their care and support.

(Obituary from Becky Frenkel)

Upcoming Parasitology Meetings

Future meetings of the AAVP

59th Meeting: 26-29 July 2014 – Denver, CO
60th Meeting: 11-14 July 2015- Boston, MA
61st Meeting: 5-8 August 2016 – San Antonio, TX

American Society of Tropical Medicine & Hygiene (ASTMH) 2013

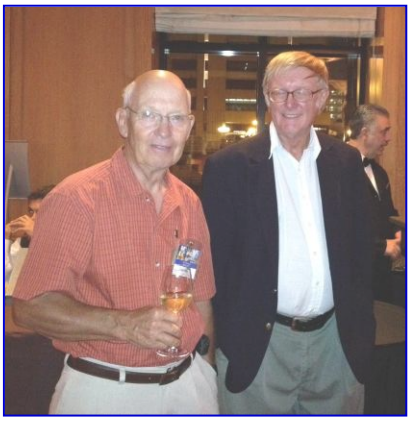
The 62nd annual meeting of ASTMH will be held Nov. 13-17, 2013 at the Marriott Wardman Park in Washington, D.C., USA http://www.astmh.org.

Conference of Research Workers in Animal Diseases (CRWAD) 2013

The 2013 CRWAD meeting will be December 8 – 10, at the Chicago Marriott, Downtown Magnificent Mile, Chicago, IL. AAVP continues to support the best student competition in the parasitology section of the CRWAD meeting. http://www.cvmbs.colostate.edu/mip/crwad/index.htm

2013 Meeting Photos

Evening Socials



Student Focused Luncheons

The American Association of Veterinary Parasitologists

Editor: Jenifer Edmonds
Johnson Research
24007 Highway 20/26
Parma, ID 83660
Phone: (208) 722-5829
Email: jedmonds@johnsonresearchllc.com

Editorial Board: Ann Donoghue, Claire Mannella, Sue Holzmer, Barbara Shock, Theresa Hartwell , Scott Bowdridge, Tejbir Sandhu

The American Association of Veterinary Parasitologists Newsletter is published three times each year with issues in February, June and October. Contributions to the Newsletter are highly encouraged and should be submitted by the dates listed below.

AAVP Newsletter Deadlines for Submissions

Newsletter	Deadline
February 2014	February 18, 2014
June 2014	June 20, 2014
October 2014	October 20, 2014

Please contact the editor with questions regarding these dates.