AAVP Newsletter

American Association of Veterinary Parasitologists

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In this issue

FROM THE PRESIDENT **2**

FROM THE SECRETARY/TREASURER **3**

AAVP MEMBERSHIP DUES AND CORRECTION OF DUES PAYMENT 3
2014 ANNUAL MEETING REPORT 4

LIST OF AAVP COMMITTEE CHAIRS / MEMBERS **5**

OFFICERS 5
ELECTED COMMITTEES 6
Nominations *6*
APPOINTED COMMITTEES 6
Archives *6*
Awards Committee *6*
Constitution and Bylaws Committee *6*
Education Committee *6*
Finance Committee *7*
Historian *7*
Newsletter/Editorial Board *7*
Program Committee *7*
Publications/Internet Committee *7*
Outreach/Research Committee *7*
Student Representatives *7*
Past Presidents *8*
Ad Hoc List Serve Manager *8*

AWARDS **8**

2014 AAVP-MERIAL DISTINGUISHED VETERINARY PARASITOLOGIST AWARD 8
AAVP-MERCK OUTSTANDING GRADUATE STUDENT AWARD 9
AAVP-CAPC GRADUATE STUDENT AWARD IN ZOONOTIC DISEASE 9
AAVP YOUNG INVESTIGATOR TRAVEL GRANTS 10
BAYER BEST STUDENT PAPER COMPETITION 11
First Place *11*
Second Place *11*
Honorable Mention *12*

AAVP 2014 ANNUAL MEETING, DENVER – WHAT DID YOU SAY? **12**

WHAT ABOUT THIS YEAR'S MEETING WORKED WELL? 13
WHAT ABOUT THIS YEAR'S MEETING COULD BE IMPROVED? 13
ONE RECOMMENDATION FOR NEXT YEAR'S MEETING: 14

AAVP ANNUAL MEETING 2015 – BOSTON: GET IT ON YOUR CALENDAR NOW **14**

ANNOUNCEMENTS **14**

WORLD ASSOCIATION FOR THE ADVANCEMENT OF VETERINARY PARASITOLOGY AFRICAN FOUNDATION (WAAVP AF) 14
RESEARCH SCIENTIST POSITION - ANIMAL HEALTH BIOLOGY 15
GRADUATE POSITION IN DISEASE ECOLOGY AND AQUATIC CONSERVATION 15

TIM GEARY AAVP DISTINGUISHED PARASITOLOGIST AWARD RECIPIENT **16**

IN MEMORIAM: RUDY BOISVENUE, PHD, 1926-2014 ..... **18**

FUTURE PARASITOLOGY MEETINGS **18**

FUTURE MEETINGS OF THE AAVP 18
AMERICAN SOCIETY OF TROPICAL MEDICINE & HYGIENE (ASTMH) 2014 18
CONFERENCE OF RESEARCH WORKERS IN ANIMAL DISEASES (CRWAD) 2014 18
WORLD ASSOCIATION FOR THE ADVANCEMENT OF VETERINARY PARASITOLOGY 18

AAVP Mission Statement

The mission of the AAVP is to lead and partner with our members in advancing veterinary parasitology education, research, practice and service to improve human and animal health. AAVP members are practitioners, educators, and scientists from academia, industry, and government. We will accomplish this mission by providing:

- An annual conference for sharing research and educational advances
- Support to students interested in veterinary parasitology
- A bi-annual educators symposium
- Electronic discussion forums
- Veterinary publications
- Speakers and programs to veterinary professional meetings

From the President

Andrew Peregrine, AAVP President

Dear AAVP members and colleagues,

You may remember that shortly before this year's meeting in Denver we found out that the number of people registered for the conference was significantly greater than anticipated – as a result, we would not fit into the hotel rooms reserved for our meeting!! I won't repeat the thoughts of some of the Executive Committee members at that time (!!), however, quite to our surprise, the Curtis Hotel was able to provide us with alternative facilities that ended up surpassing our expectations. In addition, the plenary sessions on anthelmintic resistance and emerging ticks and tick-borne diseases, the regular scientific presentations, and other sessions, created a real buzz in scientific discussions throughout the meeting. As many of you commented, this was great to witness and says much about the vibrant scientific community we are fortunate to be a part of.

In total, 219 people from 10 countries attended the Denver meeting, and contributed a total of 86 abstracts to the conference proceedings. Perhaps most noteworthy, 48 of the attendees were students (26 supported) that constitute the future of veterinary parasitology. It was tremendous that the student reps on the Executive Committee, Melissa Beck and Javier Garza, were able to arrange student activities throughout the meeting. These included a highly competitive Parasite Jeopardy on the Saturday, student elections on the Sunday, and a session on Careers in Parasitology on the Monday that was attended by Morgan McArthur, Ray Kaplan, Bill Dolan, Ann Donoghue and Jason Drake; very fortunately, all sessions took place during lunches that were kindly provided by Novartis.

In addition to the great attendance by our members, the meeting benefitted from strong partner support of three evening socials (Bayer, Merial and Elanco), coffee breaks (Scynexis) and breakfast (Novartis). Sponsorship was also kindly provided by 12 additional companies that are listed in the conference proceedings. Lastly, the National Center for Veterinary Parasitology, headquartered at Oklahoma State University, generously organized and sponsored lunch for the lively Parasitology Clicker Cases on the last day of the meeting. I was asked to chair the session with strict instruction that it should not get out of control; wearing my hockey refereeing jersey seemed to greatly help as there was no need to call a single penalty!!

So what of the coming year? As indicated at this year's business meeting, there are a number of activities that your Executive Committee needs to focus on. Firstly, STUDENTS – unlike many other organizations that are struggling with declining numbers at annual meetings, the AAVP is experiencing exactly the opposite, which is brilliant! However, since this should not be taken for granted, we intend to increase the dialogue with our students over the coming months to determine how the AAVP can best support them throughout the year and at the annual conference. If you are a student, your reps on the Executive Committee this year are Javier Garza and Meriam Saleh; both are already championing student issues. For example, work has begun on the AAVP web site to increase the visibility of the current student chapters (Oklahoma State University, University of Guelph, University of Pennsylvania, Cornell University, University of Georgia) and to encourage the establishment of chapters at other universities. If you have any suggestions for promoting student interest in veterinary parasitology, please do not hesitate to contact Javier, Meriam or any member of the Executive Committee.

Secondly, following on from the success of the Center for Veterinary Medicine (CVM)'s session at this year's meeting on managing anthelmintic resistance, we need to determine how we as an organization can best support the CVM in this area. Thirdly, in light of the increasing demand for new content in veterinary teaching programs, it is increasingly important that we support the work of the AAVP's Education Committee as it

defines the veterinary parasitology core competencies and outcome assessments that are required in veterinary curricula. And fourthly, discussion will continue on transitioning our annual meeting proceedings to an electronic format.

As suggested by Drs. Bowman and Marchiondo, it would be good if committee chairs arrange meetings by teleconference at least quarterly (current membership of committees is listed elsewhere in this newsletter – as you will see, a number of committees require additional members – please consider volunteering on one of these committees). Committee meetings will also continue to be scheduled during the annual conference, prior to the business meeting. The Executive Committee has started monthly teleconferences and will be meeting in San Antonio in February. Doug Carithers (our new Secretary/Treasurer) and Ray Kaplan (President Elect and Program Committee Chair for 2015) will be visiting Boston in the spring to finalize arrangements for our joint meeting next summer with the Livestock Insect Workers Conference (LIWC) and The International Symposium on Ectoparasites of Pets (ISEP). Initial details about the meeting can be found on the AAVP's web site (http://www.aavp.org). Dr. Kaplan is already working hard on the program, and what is shaping up to be an outstanding opportunity to interact with colleagues in closely related organizations.

Lastly, if you have any suggestions for other items that should be on the Executive Committee's agenda, please do not hesitate to get in touch. Along with other members of the Executive, I look forward to being of service to the membership over the coming 9 months.

Submitted by Andrew S. Peregrine, AAVP President
E-mail: aperegri@ovc.uoguelph.ca
Tel: 519-824-4120 ext. 54714

From the Secretary/Treasurer

AAVP Membership Dues and Correction of Dues Payment

Doug Carithers, AAVP Secretary/Treasurer

The payment period for 2015 dues is Oct. 1, 2014 – Jan. 31, 2015. 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 credit cards. If you prefer to pay dues directly, please send a check payable to AAVP to me at the address below.

Dues Reminder
January 31, 2015

Pay your 2015 dues online

(http://www.aavp.org/

If you have questions regarding your dues or have 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. Doug Carithers
Merial Limited
3239 Satellite Blvd.
Duluth, GA 30096

Submitted by Doug Carithers, AAVP Secretary/Treasurer

2014 Annual Meeting Report

Bob Arther, Outgoing AAVP Secretary/Treasurer

The 59th annual meeting of the American Association of Veterinary Parasitologists was held at the Curtis Doubletree Hotel in Denver, Saturday July 26 through Tuesday morning July 29, 2014. A total of 219 individuals attended the meeting (139 regular members, 44 paid students, 4 complimentary students, 14 speakers/guests and 18 spouses). The theme of the meeting was "Emerging Issues". Twenty six (26) Young Investigator Travel Grants (YITG) were awarded to students (each applying for a maximum of $500). A total of 86 abstracts were included in the meeting proceedings assembled by Dr. Andrew Peregrine, the Scientific Program Chair. The AAVP Board meeting was held Saturday from 8:00 AM to 1:00 PM. A plenary session was held Saturday afternoon with presentations by Drs. Morgan McArthur and Tim Geary pertaining to Anthelmintic Resistance. The AAVP/Merial Distinguished Veterinary Parasitologist Award was presented to Dr. Timothy Geary, McGill University following the plenary session. Alice Lee, Cornell University, received the 2014 AAVP/Merck Outstanding Graduate Student Award. She provided her presentation entitled "Antibody-mediated trapping of *Toxocara canis* larvae within the murine liver upon challenge infection" Saturday afternoon. Anne Barrett, Oklahoma State University, was awarded the 2014 AAVP/CAPC Graduate Student Award in Zoonotic Disease. 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 offered Sunday and Monday. Scynexis sponsored refreshment breaks during the meeting.

Drs. Anna O'Brien and Michelle Kornele from the Center for Veterinary Medicine (CVM) were invited speakers for the Sunday afternoon plenary session and provided an update on CVM's strategy on antiparasitic resistance management.

The AAVP business session and student presentation awards were held Monday afternoon presided by President Dwight Bowman. Reports were presented for each of the AAVP committee chairs. Tim Geary was elected as the new AAVP Vice President. Dr. Doug Carithers was elected Secretary/Treasurer to succeed Bob Arther. Ray Kaplan is the President Elect and the Program Chair for 2014-2015. Ann Donoghue and Mason Reichard were elected to the Nominations Committee. Meriam Saleh, Virginia Tech, was elected as the 2014-2016 AAVP student representative on the AAVP Executive committee to co-serve with Javier Garza for 2014-2015. Rachel Curtis, Texas A&M University, was awarded 1st place in the Best Student Paper Presentation competition sponsored by Bayer Animal Health. Lindsay Starkey, Oklahoma State University, received 2nd place in this competition. Honorable mention certificates for the student paper competition were presented to Erica Burkman, Miranda Bertram, Jessica Rodriguez, William Robbins, Yoko Nagamori, Meriam Saleh, and Maci Stephens.

During the business meeting a remembrance was offered for Dr. William Marquart, Colorado State University, who passed away earlier this year. Dr. Bowman reviewed the goals and achievements over the past year. Dr. Bowman presented a plaque to the outgoing Secretary/Treasurer Dr. Bob Arther in recognition of his 4 years of service in this office. President-elect Dr. Andrew Peregrine provided an outline of the AAVP goals and objectives looking forward for the next 12 months with the theme "Investing in the Future". Important goals include how AAVP can provide more support to students, further defining core competencies in teaching veterinary parasitology, management of anthelmintic resistance, future meeting locations, and further considerations for electronic proceedings.

Dr. Bowman was recognized for his efforts and contributions to AAVP for the past year. He was presented a plaque by Dr. Peregrine Tuesday morning prior to the President's Symposium.

The AAVP President's Symposium was held on Tuesday morning. Drs. Susan Little, Oklahoma State University, and Jean Tsao, Michigan State University, provided presentations pertaining to emerging issues with tick and tick-borne diseases. 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 Dr. Little and the OSU National Center for Veterinary Parasitology.

This is my last annual meeting summary report as AAVP Secretary-Treasurer. I have greatly enjoyed the past 4 years serving in this position. It has been a terrific opportunity for me to work together with many individuals within and outside of the organization. We are fortunate to receive generous corporate sponsorship, the quality of our annual meetings continues to increase, and we are able to provide sustainable travel support to our students. The financial status of AAVP is strong. Dr. Doug Carithers will be taking over as the newly elected Secretary /Treasurer. I look forward to working with Doug as we transition the responsibilities over to him. I also look forward to my further involvement with the association. I want to thank the membership for their support and cooperation as the association continues to advance the field of veterinary parasitology.

Submitted by Dr. Bob Arther, AAVP Secretary/Treasurer, 2010-2014

List of AAVP Committee Chairs / Members

The **chairs** and members of the AAVP Committees for 2014-2015 are provided below:

Officers

President:
Andrew S. Peregrine

President-Elect & Program Chair: Ray Kaplan

Secretary/Treasurer:
Doug Carithers

Vice President:
Tim Geary

Immediate Past President:
Dwight Bowman

Elected Committees

Nominations

Tom Craig, Chair tcraig@cvm.tamu.edu (2015), Ray Kaplan (2015), Kevin Kazacos (2016), Tim Geary (2016), Mason Reichard (2017), Ann Donohue (2017).

Appointed Committees

Archives

Tom Nolan, Chair parasit@vet.upenn.edu (2015), Raf Roncalli (2015), Miguel Suderman (2016).

Awards Committee

Tom McTier, Chair tom.mctier@zoetis.com (2016), William Ryan (2015), David Lindsay (2015), Susan E. Little (2016), Dante Zarlenga (2017).

Constitution and Bylaws Committee

Tom Kennedy, Chair tjameskennedy@gmail.com (2016), Craig Reinemeyer (2015), Adrian Wolstenholme (2017), Alexa Rosypal (2018).

Education Committee

Tammi Krecek, Chair TKrecek@cvm.tamu.edu (2016), Andrea Varela-Stokes (2015), Tom Nolan (2015), Karen Snowden (2015), Roberto Cortinas (2016), Anne Zajac (2017), Antoinette March (2017), Andy Moorehead (2017).

Finance Committee

Andrew Moorhead, Chair amoorhed@uga.edu (2017), Jim Miller (2015), Bob Storey (2016).

Historian

Raf Roncalli, Chair r.roncalli@gmail.com (2015), Alan Marchiondo (2015), Tom Nolan (2016).

Newsletter/Editorial Board

Jenifer Edmonds, Editor, Chair jedmonds@johnsonresearchllc.com (2015), Barbara Shock (2015), Theresa Hartwell (2015), Scott Bowdridge (2015), Frank Hurtig (2016), Tom Kennedy (2017), Michael Dryden (2017).

Program Committee

Ray Kaplan, Chair rkaplan@uga.edu (2016), Andrew Peregrine (2015), Tim Geary (2017), Al Marchiondo (2017), Doug Carithers (2017), Javier Garza (2015), Meriam Saleh (2016).

Publications/Internet Committee

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

Outreach/Research Committee

Lora Ballweber, Chair lora.ballweber@colostate.edu (2015), Ray Kaplan (2015), Sheila Mitchell (2015), Frederic Beugnet (2016).

Student Representatives

Javier Garza
Jgarza7@tigers.lsu.edu (2015)

Meriam Saleh
Msaleh1@vt.edu (2016)

Past Presidents

Dwight Bowman, Chair ddb3@cornell.edu (2017), Alan Marchiondo (2016), Patrick Meeus (2015)

Thanks to Dwight Bowman, our outgoing AAVP President!

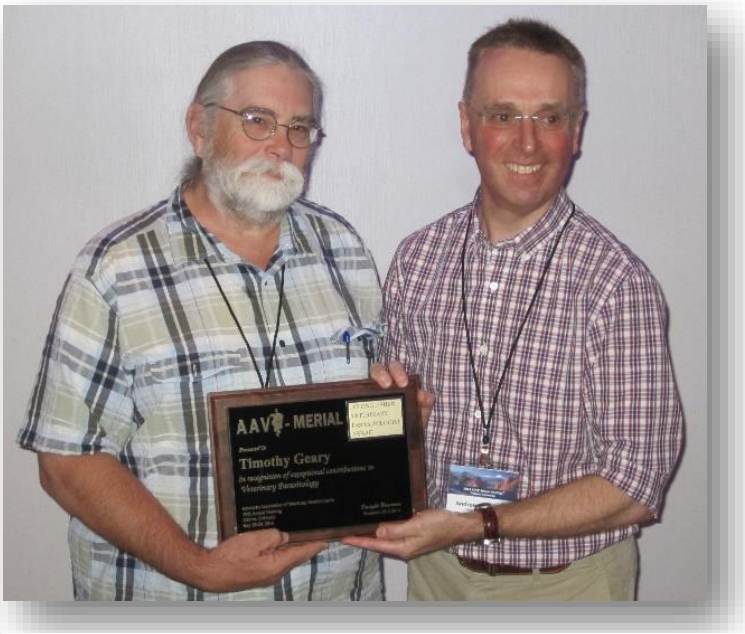
Dwight was presented with a recognition plaque at the AAVP Business Meeting

Ad Hoc List Serve Manager

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

Awards

2014 AAVP-Merial Distinguished Veterinary Parasitologist Award

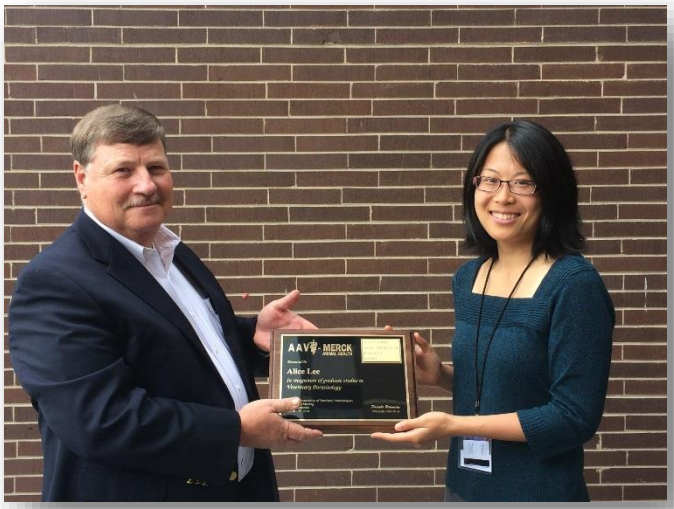


Andrew Peregrine (right) presented the Distinguished Veterinary Parasitologist Award to Tim Geary.

Dr. Tim Geary, Director, Institute of Parasitology, McGill University was the 2014 recipient of the AAVP-Merial Distinguished Veterinary Parasitologist Award. This is the society's most prestigious award and honors the outstanding contributions of an AAVP member to the advancement of veterinary parasitology. Dr. Geary presented highlights from his accomplished career during the AAVP annual meeting in Denver. A brief summary is provided in this issue of the AAVP newsletter and also was printed in the AAVP 2014 Annual Meeting Proceedings booklet.

AAVP-Merck Outstanding Graduate Student Award

Dr. Alice Lee, of Cornell University, was selected as the recipient of the 2014 AAVP-Merck Outstanding Graduate Student Award. Alice received reimbursement of travel expenses by the AAVP, an engraved plaque, and a monetary award of $1000 provided by Merck Animal Health. In addition, she gave a 25-minute talk at the AAVP meeting in Denver.



Alice Lee, Cornell University, is the recipient of the AAVP-Merck Outstanding Graduate Student Award

AAVP-CAPC Graduate Student Award in Zoonotic Disease

Anne Barrett, Oklahoma State University, is the AAVP-CAPC Student Award winner. Pictured with advisor Susan Little (left) and Andrew Peregrine (right).

Anne Barrett, a PhD candidate at Oklahoma State University, was the recipient of the 2014 AAVP-CAPC Graduate Student Award in Zoonotic Disease. Anne received an engraved plaque, and a monetary award of $1000 provided by CAPC.

AAVP Young Investigator Travel Grants

AAVP selected the following **26** students listed below to receive Young Investigator Travel Grants. These travel grants were intended to offset expenses, up to $500.00, associated with attending the AAVP meeting in Denver. Congratulations to all of these recipients! Each student presented their abstract as part of the scientific program and could also choose to enter the Bayer Best Student Paper Competition as well.

Dan Zhu	Cornell University
Shivani Choudhary	Iowa State University
Cassan Pulaski	Louisiana State University
Javier Garza	Louisiana State University
Vicky Kelly	Louisiana State University
Anne W. Barrett	Oklahoma State University
Brian Herrin	Oklahoma State University
Linday Starkey	Oklahoma State University
Yoko Nagamori	Oklahoma State University
Dana Pollard	Texas A&M University
Jessica Rodriguez	Texas A&M University
Miranda Bertram	Texas A&M University
Rachel Curtis	Texas A&M University
Russell Avramenko	University of Calgary
Erica J. Burkman	University of Georgia
Melissa Miller	University of Georgia
Alejandra Betancourt	University of Kentucky
Emily Rubinson	University of Kentucky
Jennifer Bellaw	University of Kentucky
Maci Stephens	University of Kentucky
Melissa Beck	University of Lethbridge
William Robbins	University Prince Edward Is
Alice Houk	Virginia Tech
Meriam Saleh	Virginia Tech
Jesica Jacobs	West Virginia University
Rush Holt	West Virginia University

2014 AAVP Travel Grant recipients

Bayer Best Student Paper Competition

First Place

Rachel Curtis wins first place in the Bayer Student Paper Competition

First place congratulations go to Rachel Curtis from Texas A&M University, for her presentation: “Diversity of *Trypanosoma cruzi* strain types in vector and host populations throughout Texas”.

Second Place

Lindsay Starkey (Oklahoma State University), received 2nd place in the Bayer Best Student Paper Presentation competition for her talk entitled: “Prevalence of vector-borne pathogens in dogs from Haiti”.

Both award winners were presented with an honorarium from Bayer during the awards ceremony.

Lindsay Starkey, second place honors in the Bayer Student Paper Competition

Honorable Mention

Erica J. Burkman, Miranda Bertram, Jessica Rodriquez, WilliamRobbins, Yoko Nagamori, Miriam Saleh, and Maci Stephens all received honorable mentions for their excellent presentations and will have their student registration fee for the 2015 AAVP meeting covered by the AAVP.

Submitted by Daniel E. Snyder, 2014 Chair, AAVP Awards Committee

AAVP Awards Committee members for 2013-2014: Jeff Clark, Sara Marley, Tom McTier, Bill Ryan, David Lindsay, Susan Little (& Tom Kennedy and Mason Reichard – volunteers to judge student presentations)

AAVP 2014 Annual Meeting, Denver – What did you say?

Ray Kaplan, AAVP President-Elect

At the conclusion of the 2014 Annual Meeting in Denver, 40 attendees kindly provided feedback regarding what they liked and worked well about the conference, and what could be improved. Overall, most comments were very positive and it was clear the overwhelming majority thought it was a great conference. Nevertheless, there are always areas that can be improved. On our survey people were asked to rate their experience from 1 to 5 (poor to outstanding); average responses were as follows:

Question (Please rate from 1-5)	**Number of Responses**	**Avg Score**
Ease of submission of abstracts	28	3.9
Quality of information provided about conference	40	3.6
Quality of conference program	40	4.4
Overall quality of meeting in relation to registration fee	40	4.6
Quality of conference rooms/facilities	40	4.4

Based on these results it seems that we need to do a better job in the pre-conference phase, but once the conference starts most everyone is quite satisfied.

In addition to the closed-end questions listed above, we also asked several open-ended questions. The following were some of the most common responses to those questions:

What about this year's meeting worked well?

- Close proximity of the session rooms
- Microphones provided for questions
- Good venue
- Maintaining snacks throughout the meeting rather than very short timed coffee breaks
- Moderators did a great job of keeping on time
- 30 minute breaks
- Having a student and full member as co-moderators
- Hotel had excellent conference facilities
- Hotel accommodations were great
- Program format
- Support for students is incredible and much appreciated
- Healthy options (fruit) at breaks

What about this year's meeting could be improved?

- Food at some socials was lacking in variety and quantity
- No complaints
- Classroom setup in both rooms – not just the large room
- Website was confusing and difficult to navigate
- Submission process of abstracts – noting who presenter was
- Quality of venue
- Start Tuesday session at 7:00AM so people leaving late morning can attend part of it
- Nothing
- Conference program was difficult to find online
- Offer protein option (eggs and/or yogurt) at breakfast
- Pointers that work
- Reduced down time between end of sessions and socials
- Would rather have speaker repeat question than have microphones for questions – found this distracting
- Elevators were very slow causing long waits

- Have paper tape at registration for postings

One recommendation for next year's meeting:

- Integrate students presentations into general sessions rather than segregating them into student-only sessions
- Send out conference program by email in advance of the meeting
- Have abstracts available to read prior to the meeting
- Provide recommendations for nearby restaurants
- Have better angle from podium to screen for using pointer
- Provide the paper judging guideline to students prior to the meeting
- Consider having an expert panel discussion on hot topics

We thank all of those participants who provided this feedback. We will certainly consider all these points as we prepare for the next AAVP meeting in Boston, July 11-14, 2015.
If you have any additional comments or questions, please feel free to send them to me.

Ray Kaplan, AAVP President Elect
Email: rkaplan@uga.edu

AAVP Annual Meeting 2015 – Boston: Get it on your calendar now

The American Association of Veterinary Parasitologists 60th Annual Meeting will be held jointly with the Livestock Insect Workers Conference (LIWC) and the International Symposium on Ectoparasites of Pets (ISEP) July 11-14, 2015 at the Revere Hotel Boston Common, Boston, MA, USA. This is a great hotel in a great location in a great city. Being a joint meeting will provide additional opportunities for great science and interaction with colleagues who are not usual attendees at our annual conference. Hotel reservations are being accepted now – reserve early to be sure you get a room at the AAVP discounted rate. See the AAVP web site for more details.

Ray Kaplan, AAVP President Elect and Conference Program Chair
Email: rkaplan@uga.edu

Announcements

World Association for the Advancement of Veterinary Parasitology African Foundation (WAAVP AF)

The WAAVP African Foundation will provide a limited number of partial scholarships to assist veterinary parasitologists from Africa to attend the 25th WAAVP Conference to be held in Liverpool, United Kingdom 15-20 August 2015.

Applications should include:

• A copy of the abstract(s) for paper(s) or poster(s) which were submitted to the 25th WAAVP Conference Convenor
• A letter of recommendation from a current supervisor
• An indication of how other costs (beyond a WAAVP AF grant) will be met (i.e., possibility of obtaining supplemental funds elsewhere)
• Other envisaged contributions to the conference (i.e., workshop participant, chairperson of session, etc.) and

• A brief indication of how the applicant sees attendance contributing to his/her development in veterinary parasitology.

The application deadline is March 1, 2015.

Sincerely,

Dr. Rosina (Tammi) Krecek
Texas A&M University
Department of Veterinary Pathobiology 4467 TAMU
College Station, TX 77843 USA
Tel: +1-972-822-5480
E-mail: tkrecek@cvm.tamu.edu

Research Scientist Position - Animal Health Biology

POSITION SUMMARY: Working as part of a multidisciplinary drug-discovery team, the scientist is responsible for laboratory biological evaluation of compounds for animal health applications. Responsibilities include planning, development, execution, and coordination of in-house activities, out-sourced work, and the reporting and presentation of results from ***in vitro***, ***in vivo*** and bioassays conducted as part of the screening process to discover, optimize and develop new anti-parasitic drugs. Additionally, the position helps to plan, coordinate and supervise when needed technical laboratory staff to conduct the research process in a safe and efficient manner.

MINIMUM REQUIREMENTS: PhD in a biological field with 3 years of experience, preferably in industry or working with industrial collaborators during educational training. Experience performing basic, applied or translational research in human medicine, veterinary medicine, agro-chemical or plant sciences.

We are always interested in receiving resumes from highly skilled and experienced candidates. To apply for this or other open positions, please apply online at www.scynexis.com or send a resume, cover letter and references:

SCYNEXIS, Inc.
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United States of America
ushuman.resources@scynexis.com

SCYNEXIS offers a competitive compensation and benefits program, including a 401k with company match. Please reply with a cover letter, resume and references to HR, SCYNEXIS, Inc., PO Box 12878, Research Triangle Park, NC 27709-2878 or email: ushuman.resources@scynexis.com**. EOE.**

Graduate Position in Disease Ecology and Aquatic Conservation

The Johnson Laboratory at the University of Colorado is actively seeking applications for two new graduate student positions to begin in Summer (ideally) or Fall 2015. We are looking for independent, self-motivated students who are passionate about pursuing research in aquatic ecology and conservation. Currently we seek to fill positions related to two projects:

1. ***The community ecology of disease***: this project aims to understand how interactions among species within an aquatic community collectively influence pathogen transmission and disease risk. This can include interactions among hosts (dilution effect), among micro- and macroparasites (coinfection), and between non-hosts and parasites (predation). The selected student would have a unique opportunity to conduct fieldwork on a broad range of taxa (amphibians, fishes, macroinvertebrates, zooplankton,

waterbirds) at our long-term study sites in California (during summers).

2. ***Global change and aquatic ecosystems:*** In collaboration with the Niwot Ridge Long Term Ecological Research (LTER) program, this project is focused on lakes and reservoirs along the Rocky Mountains of Colorado. Broadly, we are working to understand the short and long-term effects of climate change, nitrogen deposition and invasive species on biological interactions within these systems. The selected student would be expected to develop an MA or PhD-level project that help to advance the project's overall goals.

If you are qualified and interested in working with our laboratory, please send the following items in a letter of introduction to Dr. Pieter Johnson (pieter.johnson@colorado.edu):

- Curriculum vitae, GPA and test scores
- Your general research interests, previous experience and how you will contribute to work already being pursued in the lab.
- Whether you intend to apply for a MA or PhD program.
- Post-graduate career plans.
- Why you are specifically interested in work being done in the lab.
- Whether you have applied for any external fellowships (e.g., NSF or EPA).

For more information on specific research being conducted in the lab, please visit the lab webpage http://www.colorado.edu/eeb/facultysites/pieter/index.htm. For more general information regarding the Department of Ecology and Evolutionary Biology, please visit the departmental website http://ebio.colorado.edu/.

Tim Geary AAVP Distinguished Parasitologist Award Recipient

Tim Geary was born in Grand Rapids, Michigan. One of 6 siblings raised by a school teacher and a (then) stay at home mom, he enjoyed a quintessential baby boomer childhood. There wasn't a lot of money but there was always enough food and hand-me-down clothes that were just fine. Seasonal sports were a constant source of fun, even though he wasn't particularly accomplished at any of them. Coming from these parents, academic achievement was expected and attained. High school for Tim happened during a time of great change in America and around the world; it made a significant impact on him which is evident today (just check the hair style). He also learned to work, beginning as a janitor cleaning toilets after school at a local elementary school at the age of 14. This experience prepared him well for his eventual evolution into a parasitologist. But it was his position in a pharmacy that determined his career trajectory and led to a life-long fascination with drugs (as medicines, mind you). He was fortunate to be able to attend the University of Notre Dame, alma mater to his father and 4/5 of his siblings. He majored in

Biology and had enough credits (not all the right ones) to minor in chemistry, graduating cum laude in 1975. He learned a lot there, but perhaps the most important lesson was that there are a lot of smart people in the world. It's not so rare or special to do well academically; it's what you do as a result that counts. He also developed a deep interest in parasitology through the teaching of Howard Saz and Rob Rew, then a post-doc in Howard's lab.

From ND, Tim continued his Midwestern sojourn by pursuing a PhD in Pharmacology at the University of Michigan, studying the pharmacogenetics of cytochrome P450 enzymes involved in drug metabolism under the supervision of a terrific mentor, Dr. Bert La Du. It was at that point in his life that the parasitology infection fully developed. Tim joined the parasitology group at Michigan State University (continuing the Midwestern theme), then under the direction of the eminent veterinary parasitologist Dr. Jeff Williams. Tim joined the lab of Dr. Jim Jensen to work on malaria parasites, particularly from the perspective of chemotherapy. Under Jeff's guidance, MSU had developed into a dynamic and flourishing mecca of parasitology. Tim was committed. It was at MSU that he met his wife and partner in love for life Alma, who was working in the Williams lab. Once she got over the fact that Tim was a Michigan grad, things developed rapidly.

After 5 years at MSU, it was time to move on. Tim was fortunate to find a position at the Upjohn Company in Kalamazoo (the Midwest magnet at work again) in the animal health division. Once again, he was fortunate to be able to work with outstanding parasitologists like Bud Folz and George Conder, along with many other excellent friends and colleagues and great managers, especially Bill Maxey, Steve Nelson, Dave Lowery, John Welser and George Gunn. Kalamazoo was a great place to raise a family (Jim and then Rose) and the Upjohn Company was a great place to work. In particular, Tim formed a great team with Dr. Dave Thompson, another MSU product. At Upjohn, Tim was able to forge a link between basic and applied research, leading to new discoveries about neuropharmacology and participating in the discovery and development of 2-desoxoparaherquamide (derquantel) as a new anthelmintic. The group actively participated in the currency of science, regularly publishing and presenting their work at national and international conferences. He developed many close friendships and collaborations with veterinary parasitologists that still thrive today.

The acquisition of Upjohn (by then Pharmacia) by Pfizer brought a lot of changes. On the positive side was the opportunity to work with another set of terrific colleagues, exemplified by Dr. Debra Woods. However, Tim was moved out of research into a business development role, and this probably was not the best place for him (certainly based on his habits of grooming and dress alone!). When he was asked to interview for a position as a professor and Canada Research Chair at the Institute of Parasitology at McGill University, the allure of a return to research was too hard to resist. Farewell for now, Midwest!

Since joining McGill, Tim has been fortunate to work yet again with another eminent veterinary parasitologist, Roger Prichard, and to continue his work on drug discovery and development. This work is focused on finding non-peptide ligands for invertebrate peptide G protein-coupled receptors, a quest of almost 30 years duration (now with treasured colleague Dr. Eliane Ubalijoro). In a separate project, Tim is working on the development of flubendazole as a macrofilaricide (with close friend and colleague Charles Mackenzie of MSU, who originated the project, along with collaborators at Janssen Research and Development). He is still working on macrocyclic lactones, including how they work as filaricides and how resistance to them has developed in heartworm populations (with Roger Prichard). He is also returning to basic research and is studying how the molecules secreted by parasites influence host immune responses. He has been Director of the Institute of Parasitology since 2008 (but has perfected the role of Col. Blake to Shirley Mongeau's Radar O'Reilly, so this is not much of a burden) and has thoroughly enjoyed teaching and supervising excellent graduate students, including 3 PhD students who have earned their degrees with him: Yovany Moreno, Vanessa Dufour and Elizabeth Ruiz Lancheros. It has been a privilege to come back to research. His output of research articles and book chapters has reached almost 200 along with a number of patents. He regrets being far away from family and old friends, especially from his grandchildren Olivia and Isaac back in Kalamazoo. When he is forcibly removed from the Institute, Tim likes to fish and play golf (and wonder what adventure lies ahead).

In Memoriam: Rudy Boisvenue, PhD, 1926-2014

Rudolph J. "Rudy" Boisvenue, PhD. age 88, of Greenwood, passed away September 28, 2014 at Aspen Trace, Greenwood. He was born August 30, 1926 in Windsor, Ontario, Canada to the late Adonias and Henriette (La Liberte) Boisvenue. He married Mary (Masaro) Boisvenue on January 29, 1951.

Rudy attended the University of Windsor, received his Master's degree from the University of Detroit and received his Doctorates from Michigan State University.

Rudy served in the Royal Canadian Air Force then began his career in the mid 1950's at Ralston Purina in St. Louis, MO. and then went on to his 30+ year career as a Senior Research Scientist in Helminthology and Parasitology with Eli Lilly prior to his retirement.

He was a member of St Michael Catholic Church, former President of the Greenfield Sertoma Club and many other civic organizations. Rudy loved to garden, and was constantly busy with many projects throughout the years. He was the guiding force in the lives of his children and grandchildren
Rudy is survived by sons, Marc (Kaye) Boisvenue of Indianapolis, Martin (Melanie) Boisvenue of Knightstown, Mike Boisvenue of Arlington, VA, daughters, Mary (Jim) Burton of Indianapolis, Michelle LaFleur of Oklahoma City, OK.; 8 grandchildren; and 3 great grandchildren.

He is preceded in death by his parents and wife, Mary Boisvenue in 2012.
(Obituary from www.legacy.com)

Future Parasitology Meetings

Future meetings of the AAVP

60th Meeting: 11-14 July 2015- Boston, MA
61st Meeting: 5-8 August 2016 – San Antonio, TX

American Society of Tropical Medicine & Hygiene (ASTMH) 2014

The 63rd annual meeting of ASTMH will be held Nov. 2-6, 2014 at the Sheraton New Orleans and New Orleans Marriott in New Orleans, Louisiana USA http://www.astmh.org.

Conference of Research Workers in Animal Diseases (CRWAD) 2014

The 2014 CRWAD meeting will be December 7 – 9, 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

World Association for the Advancement of Veterinary Parasitology

The 25th International Conference of the World Association for the Advancement of Veterinary Parasitology will be held in Liverpool, United Kingdom, from 15-20 August, 2015. http://www.waavp2015.com/index.php

The American Association of Veterinary Parasitologists

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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 2015	February 18, 2015
June 2015	June 20, 2015
October 2015	October 20, 2015

Please contact the editor with questions regarding these dates.