AAVP Newsletter

American Association of Veterinary Parasitologists

Summer, 2018 Volume 40, Number 2

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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

AAVP President
Dan Zarlenga

Greetings to one and all,

Time passes quickly from one meeting to the next…it makes me feel like I am aging at a faster rate!!! I need no help in that category. When I first started attending AAVP meetings my beard was pitch black; now it is so white, that when in public, I routinely get some little boy or girl tugging at my pant leg thinking I am Santa Claus on summer hiatus. Anyway, I am looking forward to joining everyone for another delightful and illuminating meeting; though I must admit, the comradery, visiting with old friends and meeting new friends is as important to me as the science.

We were at the Denver Curtis Hotel back in 2014 with resounding success; the price was right so we decided on a double take this year. The hotel is right across from the Denver Performing Arts Complex and just two blocks from the 16th Street Mall where you are all welcome to advance the local economy by shopping and enjoying the indigenous entertainment. Don't be surprised to see cartoons playing in the hotel lobby right next to a wonderful collection of paintings from local and national renowned artists. I sincerely hope you have already made your hotel and travel plans to join us in Denver. If not, I understand that the Denver Airport has ample floor space available.

By moving up the in-house timelines for the 2018 meeting in Denver, the program, coordinated this year by your President to be, John Gilleard, is all but complete. A few "I's" to dot and "t's" to cross; but complete nonetheless. John has worked very hard to include some nuances in the schedule that I am sure will be well received. One such addition is the opportunity for poster presenters to give a 1 minute oral synopsis of their posters to entice attendees to speak with them in more depth during the poster sessions. Last year, student presentations made up nearly ½ of all abstracts. With 140+ abstracts submitted this year, and well over 240 registrants thus far, it is not hard to see how much the student program has advanced our meeting and our society.

This year we will once again enjoy high-quality presentations. This becomes intuitively obvious as one peruses the submitted abstracts. I know all the members have been truly impressed by the science that our student members have advanced over the years. The AAVP is clearly enjoying a vibrant era of expansion and is obviously in good hands moving into the future. But let's face it, good students, good science and good presentations are fostered by good mentorship. Hats off to those able to teach the next generation of scientists. As in the past we will have the Best Student Oral Presentation competition ($500 1st place and $300 2nd place, and $150 for 3rd place, kindly provided by Bayer), and the Best Student Poster Presentation competition ($500 1st place and $300 2nd place, kindly provided by Elanco). The Awards Committee chair, Lindsay Starkey (las0080@auburn.edu) will be more than happy to welcome additional judges. This year in particular, we have over 60 posters many of which are student authored. So, I am sure she can use the help. Please contact Lindsay to volunteer if you would like to assist in the judging.

Use of the smart phone app continues to accelerate since its inception so this will again be utilized to enhance your meeting enjoyment. We will provide users with the full schedule of events and all abstracts. The app will also allow users to receive notifications of changes to the program schedule, announcements from AAVP and interact with fellow "appers".

A lot of things have happened in the past year; the ad hoc website committee has done a wonderful job getting us into the 21st century; we consolidated all the list serves into one collection of names for unilateral notifications from the society; our representatives on the 2019 WAAVP planning committee have been working diligently to advance the financial interests of our student population in the hope of maintaining a high level of participation, and; the next edition of Veterinary Clinical Parasitology is now in the works. The list is long and impressive. If I have not said it enough, thanks again to the committee chairs and members

notwithstanding our student representatives Jessica Rodriguez and Ashley Steuer. The student representatives serve as full active members of the Exec committee, spend a great deal of time organizing student activities for each day of the conference, and plan the post-meeting sponsored student trips.

This year's AAVP Business Meeting will be held on Monday July 16 at 10.30 am. Please plan to attend (students are encouraged to participate!). There will be much to discuss. We've made new initiatives over the past few years to increase our presence on social media, provide support for AAVP members to give seminars at our Student Chapters (which are increasing in numbers) and add resources to the administration of the society and the annual meeting. The AAVP needs input on these and other matters from all our members.

It is difficult to organize the quality of meetings we enjoy without the significant financial support we receive from our sponsors. This support helps keep registration fees at manageable levels and pay for our meeting program, provides Young Investigator Travel Grants to eligible students, provides awards to student presenters and senior scientists, and creates an atmosphere of oneness by funding the socials and lunches…among many other things. Please join me in offering our heartfelt thanks to all the partners and sponsors for their generous support of our organization and our meetings.

As I ride off into the sunset and turn the reigns over to John Gilleard, I hope you can appreciate how much of an honor and privilege it has been to serve as President and to participate on the Executive Committee for the past three years. Never did I imagine that I was worthy of such an accolade. However, I cannot accept credit where credit is due. For those called upon in the future to throw their hats into the ring, fear not; this organization is run by consensus, by committee and by a lot of heart. My most profound thanks go to the committee chairs and their members for keeping this organization on track, to society members who have acted in "ad hoc status" but never got public credit for their efforts, and lastly, to the executive committee; Doug Carithers, Al Marchiondo, Tim Geary, John Gilleard, Mason Reichard, Jessica Rodriguez and Ashley Steuer. Those are your unsung heroes of the meeting, the society and the future of the AAVP. Although I will step down as President in July, I plan to remain actively involved… "the apple never falls far from the tree."

C U in Denver!

Submitted by Dante S. Zarlenga, AAVP President
Email:dante.zarlenga@ars.usda.gov
Tel: (301) 504-8754

"Great ambition and conquest without contribution is without significance. What will your contribution be? How will history remember you?" The Emperor's Club, 2002

From the Secretary/Treasurer

Doug Carithers
Secretary/Treasurer

AAVP Membership Dues

AAVP Stuff… and the impact

It has truly been a pleasure to be the Secretary/Treasurer of the AAVP for the past 4 years. I had the luxury of having Bob Arthur help me get started in the role, and I'll be there to help Adriano Vatta get started as your new Secretary/Treasurer. Our organization is a solid organization, with a firm grip on the future. Obviously our membership is dedicated to the future of the profession, as exemplified by our support of our future leaders. This year, we are supporting 54 Young Investigator Travel Grants. Bayer is supporting $950.00 in awards for the Oral Presentations, Elanco is supporting $800.00 in awards for the poster presentations, Merck is supporting the outstanding Graduate Student Award, the CAPC is supporting the Zoonotic awards, and the AAVP is supporting the Honorable Mention award winners. You, the membership of the AAVP are making the support of our future leaders possible, by producing and presenting quality science at our meeting, making it an attractive organization for our sponsors to support! Your strong and continued involvement is what has made the AAVP strong, and we need your support to continue.

Membership dues for the upcoming year should be paid at year-end (for 2019 dues, between Oct. 1, 2018 and Jan. 31, 2019). Annual dues for regular members remain $75.00/year and $30/year for students. For those who pay dues at the AAVP meeting, that payment will put you in good standing for 2018, however, you will need to get on track and pay dues again at the year-end to remain a member in good standing after January 31, of 2019.

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, and I'll forward the record of payment on to Adriano.

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 $45.00 per year.

Thank you for your continued support of AAVP.

Dr. Doug Carithers
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Submitted by Dr. Doug Carithers, Secretary/Treasurer AAVP.

63rd Annual Meeting of the AAVP – Conference Information

John Gilleard
Program Chair and
President-Elect

Message from the Program Committee

Dear AAVP Members,

The 63rd Annual Meeting of the American Association of Veterinary Parasitologists is almost here! The conference organizing committee – Drs, Dan Zarlenga, Al Marchiondo, Doug Carithers, Tim Geary, Mason Reichard, Jessica Rodriguez, Ashely Steuer - have all been working hard to make this another great conference. The collective experience of this group has kept me on track over the last few months in my duties as Program Chair and so the preparation has gone relatively smoothly to date – hopefully I am not tempting fate with that comment! Denver is a great location for the meeting and the Curtis hotel is a proven venue having hosted a successful AAVP meeting in 2014. The hotel is situated Downtown, close to the main entertainment and shopping amenities, and those of you who were there last time will remember the "pop culture" theme of the hotel which adds a bit of a different dimension.

Directions on how to get to the hotel from Denver International airport can be found here. Rooms at the Curtis at the conference rate went fast but our enterprising secretary Dr. Doug Carithers did manage to secure a few more that people were hopefully able to utilize.

I am very excited by this year's program. We have had over 130 abstract submissions which is about 30% more than in previous years. We have 76 oral presentations (not including invited speakers and sponsored sessions) and 57 posters. This is a really encouraging sign for our society and for veterinary parasitology in North America in general. It is also a testament to the success of the previous conferences that have built a solid reputation of the AAVP annual meeting being so attractive to attend!

The increased number of abstracts has brought a few logistical challenges. We had more submissions for oral presentations than we could accommodate in the sessions. Consequently, we have limited each presenter to a single oral presentation but with no limitations on the numbers of posters. We are also elevating the prominence of the poster sessions this year by including **"1 Minute Poster Promo"** sessions. These will take place in the Marco Polo Ball Room during the 30 minutes before each of the respective poster sessions. The idea is for each poster presenter to speak for 1 minute (or less), using a single PowerPoint slide, in order to explain the key message of their poster in a fun and hopefully effective way. The idea is for the presenters to explain the essence their poster aiming to encourage interested delegates to come and find out more at the poster session itself. Presenters are encouraged to be as imaginative as they like, making it as serious or light hearted as they choose. Please note though, presenters will not be allowed to go over 1 minute!

The theme of this year's meeting is "**Collaborating to Solve Complex Challenges**". The plenary talks on Saturday will introduce us to the fascinating world of the complex interactions that occur between parasite and bacterial communities. We are lucky to have two great speakers to talk about this rapidly developing area. Dr. Linda Mansfield from Michigan State University will discuss her work, and the wider field, in a presentation entitled "*Multi'omic approaches demonstrate the complex interactions of gut microbiome and helminth*". Dr. Vanessa Ezenwa from the University of Georgia will talk about a different aspect of parasite-bacterial interactions, including a great example of the unexpected consequences of parasite control on bacterial pathogens. Her talk is entitled "*Helminth-microbe co-infection: insights from a wildlife system*".

The President's symposium on Tuesday will study complexity from a different point of view. Namely, the complex problem of developing recombinant vaccines for parasites, a goal which has thwarted researchers for many years. Although this remains a challenging area, there has been significant progress in recent years and we are lucky to have persuaded two key researchers from "across the pond" to talk about two different groups of parasites. Professor Damer Blake from the Royal Veterinary College, London, UK, will talk about "*Recombinant vaccines for the control of coccidiosis – opportunities or illusions?*". Professor Edwin Claerebout from the University of Ghent, Belgium will talk about "*Vaccines against gastro-intestinal nematodes in cattle: challenges and opportunities*".

After the President's session on Tuesday morning, we will once again have the ever popular "Parasite Case Discussions" session moderated by Dr. Dwight Bowman. All are welcome to attend and contribute via the use of clickers in this highly interactive and entertaining session! Boxed lunches sponsored by the NCVP will be provided to all attendees.

Remember the AAVP conference mobile App

Dr. Meriam Saleh has done a wonderful job again working on the AAVP mobile app. This is a fantastic tool to follow the conference program and also communicate with each other during the conference. You are all encouraged to give it a go as the more people who use the app the more useful it becomes. For example: I have found it a great help in arranging to find and meet up with individuals during the meeting, particularly those who I have not met before and so don't know what they look like!

We will provide a reminder and some instructions at the beginning of the meeting but you simply download the app onto your mobile device, sign up and away you go! We are also indebted to Meriam for her fantastic work on modernizing the AAVP website and all her work maintaining the content for the conference.

Are you a student? If so, there is even more for you:

As always, students will have a series of excellent social and professional opportunities to attend. All students are encouraged to arrive early and attend a special student lunch "meet and greet" on Saturday prior to the opening session. This will provide the opportunity for students to get to know one other before the meeting starts making it easier to strengthen student bonds throughout the remainder of the conference. This will be followed by a "Careers in Parasitology" student lunch on Sunday, where AAVP colleagues from different career paths in parasitology will meet with students in a "speed-interaction" to share their insights and advice. On Monday there will be a third student lunch meeting where elections will take place to select the new student representatives to the Executive Board. Our thanks to Virbac again, for sponsoring all three of the student lunches this year. The AAVP student membership continues to go from strength to strength with over 50% of all presentations to be given by students and post-doctoral fellows. So please come and interact with your fellow students. If you have any questions about student activities including the post-meeting tour of the CSU Diagnostic Laboratories, please do not hesitate to contact the student reps; Jessica Rodriguez (jyrodriguez@cvm.tamu.edu) or Ashely Steuer (ashley.steuer@uky.edu).

And for the Entire Membership:

The AAVP business meeting will be on Monday morning, July 16, 10:30 AM – 12:00 PM. In preparation for this meeting, the AAVP Committees will meet on Sunday morning, July 15, at 7:30-8:30 AM with a breakfast served at 7:00am for the early riser committee members and for would-be committee members only. Committee Chairs, please contact your members about this meeting. Student best oral and best poster competition winners will be awarded at the start of the President's symposium on Tuesday morning.

As in previous years, we are extremely fortunate to have received generous support from our many partners. There will be several sponsored afternoon and evening symposia beginning with the Bayer Animal Health Social and symposium "Big Data for Small Animals: Updates from the 2018 Companion Vector Borne Disease World Forum" on Saturday evening. Next, a Zoetis lunch symposium entitled "Resistance to Heartworm Preventives: What Have We Learned in the Past Decade?" on Sunday and in the evening, the Boehringer Ingelheim Seminar "CENTRAGARD™: A novel transdermal solution for heartworm prevention and broad spectrum GI parasite control in cats" followed by a social. On Monday, we have a sponsored lunch and seminar by Merck with two talks on the use of fluralaner for flea control and the use of "real world and big data" in parasiticide outcomes research. Finally, there will be a social by Elanco Animal Health on Monday evening. Not forgetting, the student lunches are all sponsored by Virbac again this year. Many thanks to all our sponsors for their generous support!!

In summary, you can see that the organizing committee has been working hard to produce another successful meeting. The increase in submissions and registrations this year, together with the active engagement of so many excellent and enthusiastic students, suggests a bright future for our association and the field of veterinary parasitology in teaching, research and service.

We look forward to seeing everyone in Denver soon!

Submitted by John Gilleard, AAVP President-elect and 2018 AAVP Program Chair

AAVP Committee Reports

Nominating Committee and Election Results

Sheila Mitchell, Chair
Nominating Committee

The Nominating Committee is made up of 6 members with 3-year staggered membership. The current committee consists of:

Term Ends	Committee Members	
2018	Mike Dryden	Alexa Rosypal von Dohlen
2019	Sheila Mitchell	Tom Nolan
2020	Joyce Login	Ashley McGrew

The committee is charged with developing the ballot for election of officers and members of the Nominating Committee.

Each year a new Vice President and 2 new Nominating Committee members are elected, and every 2 years a new Secretary/Treasurer is elected. Three hundred twenty (320) AAVP members had the opportunity to vote at the time of the election with 155 ballots returned.

Respectfully submitted, Sheila Mitchell, Chair

The 2017 Election Results

VICE PRESIDENT

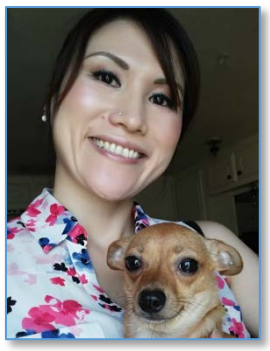
Doug Carithers

Congratulations to each of you!

SECRETARY/TREASURER

Adriano Vatta

NOMINATING COMMITTEE



Yoko Nagamori

Lindsay Starkey

Awards Committee Results

AAVP-Boehringer Ingelheim Distinguished Veterinary Parasitologist Award

Ray Kaplan

Dr. Ray Kaplan, of the University of Georgia, has been selected as the 2018 Distinguished Veterinary Parasitologist. This prestigious award recognizes and honors the outstanding contributions of an AAVP member to the advancement of veterinary parasitology. Dr. Kaplan's full biography will be featured in the AAVP 2018 annual meeting's proceedings, and his presentation will take place Saturday afternoon on opening day of the conference in Denver. In addition to the honor this award brings, Dr. Kaplan will receive a plaque and a $1,500 monetary award provided by Boehringer Ingelheim.

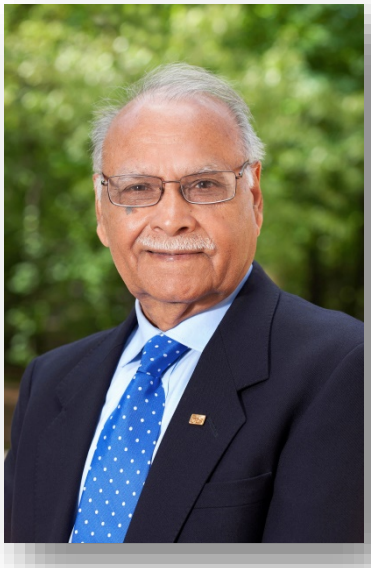
Congratulations to Ray on receiving this award!

William C. Campbell One Health Award

Dr. J. P. Dubey, of the Animal Parasitic Diseases Laboratory at the USDA, has been selected as the inaugural recipient of the AAVP-William C. Campbell One-Health Award. This award recognizes and celebrates a remarkable veterinary parasitologist who has made extraordinary contributions to One Health, which is defined as the collaborative effort of multiple disciplines — working locally, nationally, and globally — to attain optimal health for people, animals, AND our environment. Dr. Dubey was instrumental in discovering of the life cycles of *Toxoplasma gondii, Neospora caninum*, and *Sarcocystis neurona*. The Thomson/Institute for Scientific Information identified him as one of the world's most cited authors in plant and animal science for the decade that ended in 2003.

Dr. Dubey received the U.S. Presidential Rank Award for his pioneering research on toxoplasmosis and related diseases. He is one of the first scientists promoted to Senior Scientific Research Service (SSRS), USDA (for which selection is by invitation only with the appointment approved by the Secretary of Agriculture). He was selected as the first recipient of the AAVP Distinguished Veterinary Parasitologist Award in 1985, elected to the U.S. National Academy of Sciences, Washington, D.C., in 2010, and in 2011 inducted to the USDA, ARS Hall of Fame. Dr. Dubey will be honored with an engraved plaque and reimbursement for expenses necessary to attend the meeting.

Congratulations to J. P.!

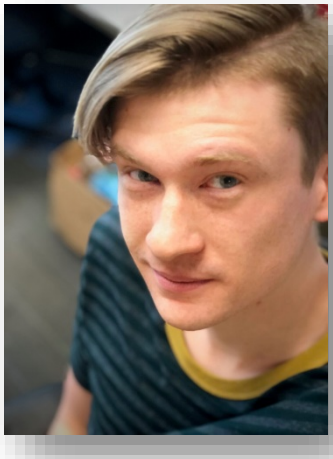


J. P. Dubey

AAVP-Merck Outstanding Graduate Student Award

Dr. Russell Avramenko, of the University of Calgary, has been selected as the recipient of the 2018 AAVP-Merck Outstanding Graduate Student Award. Russell's work has focused on the development of molecular assays and next-generation sequencing approaches to investigate community structure and drug resistance in parasitic gastrointestinal nematodes of livestock. Russell defended his Ph. D. in December of 2017, and is currently working in the Gilleard lab as a Research Associate.

He will receive reimbursement of travel expenses by the AAVP, an engraved plaque and a monetary award of $1000 provided by Merck Animal Health. Russell's presentation will take place Saturday afternoon at the annual meeting in Denver and is titled, "*Exploring the 'Nemabiome': Deep Amplicon Sequencing to Investigate Community Structure and Drug Resistance in Parasitic Gastrointestinal Nematodes of Livestock*."



Russell Avramenko

Congratulations to Russell!

AAVP-CAPC Graduate Student Award in Zoonotic Disease

Jeba Jesudoss Chelladurai

Dr. Jeba Jesudoss Chelladurai, Ph. D. student at Iowa State University, has been selected as the recipient of the 2018 AAVP-CAPC Graduate Student Award in Zoonotic Disease for her work on *Ascaris* and *Toxocara canis*. Her research has focused on characterizing drug efflux pumps of *Toxocara canis*. She has published case reports about molecular identification of accidental *Ascaris* infections in a calf, zoonotic *Toxocara vitulorum* in a beef herd and on the molecular epidemiology of *Ascaris* in pigs in Iowa. She has also worked on potentially zoonotic *Cryptosporidium* spp. in blackbirds and bats. She will present her work entitled, "*ABC-B transporter genes of Toxocara canis*," during the concurrent sessions at the meeting. She will receive a $500 Young Investigator Travel Grant, an engraved plaque and a monetary award of $1000 provided by CAPC.

Congratulations to Jeba!

Best Student Paper and Poster Competitions

54 students have entered the competition for the 2018 meeting (35 oral and 19 poster presentations). The Best Student Paper competition is sponsored by Bayer. There will be 1st, 2nd, and **3rd place** awards given with $500, $300, and $150 honoraria, respectively. The Best Student Poster competition is sponsored by Elanco and 1st and 2nd place awards will be given with $500 and $300 honoraria, respectively.

New for this year are the "**Poster Promo**" sessions. These will allow poster presenters a one-minute, one-slide opportunity to highlight their poster for the attendees prior to the start of their afternoon poster session. Deadline for slide submissions is **July 4, 2018**. Please direct submissions or questions related to the Poster Promos to *Mary Anderson* (andersmk@ucalgary.ca).

AAVP-Student Chapter Delegate Travel Grants

Nominations were made for 3 delegates:

Katelyn Hickman from Oklahoma State University
Rochelle Medford from the University of Georgia
Jessica Shrake from Ohio State University

The AAVP Awards Committee has selected for them each to receive a Student Chapter Delegate Travel Grant of up to $500 to offset expenses associated with attending the AAVP meeting in Denver. Student chapter delegates were not required to submit an abstract for presentation to receive the award, however, the chosen delegates will present a brief, up to 5 minute, summary of their chapter's activities at the Monday student luncheon, and will be expected to be in attendance for a significant portion of the conference.

Congratulations Katelyn, Rochelle, and Jessica!

This is the 3rd year this grant has been awarded. AAVP encourages all student chapters to take advantage of this grant to send a chapter delegate to the annual meeting.

AAVP-Young Investigator Travel Grants

The AAVP Awards Committee has selected the following **54** students to receive Young Investigator Travel Grants. Recipients will receive up to $500 to offset expenses associated with attending the AAVP meeting in Denver. Each student will present their abstract as part of the scientific program and may choose to enter the Best Student Paper/Poster Competition as well. This year we will continue to have both oral and poster presentations. **Congratulations to the recipients!**

Student Name	University
Rachel Giorgio	Cornell University
Nikita Lakhani	Cornell University
Samantha Wesnak	Cornell University
Nina Zhu	Cornell University
Jeba Jesudoss Chelladurai	Iowa State University
Shivani Choudhary	Iowa State University
Kayla Wielgus	Lincoln Memorial University
Ryan Avery	Louisiana State University
Cassan Pulaski	Louisiana State University
Karine Sonzogni-Desautels	McGill University
Michelle Carman	Ohio State University
Grace VanHoy	Ohio State University
Marianne Caron	Oklahoma State University
Alexa Hunter	Oklahoma State University
Meriam Saleh	Oklahoma State University
Megan Wohltjen	Oklahoma State University
Jernea Bustria	Ross University
Hilary Eisenbraun	Ross University
Kaitlyn Jonk	Ross University
Tae Kim	Texas A&M University
Kamilyah Miller	Tuskegee University
Camila Queiroz	University of Calgary
Tong Wang	University of Calgary
Justin Blair	University of Delaware
Rebecca Davis	University of Delaware
Anthony Pompetti	University of Delaware
Jeff Gruntmeir	University of Florida

Student Name	University
Jenna Bradner	University of Georgia
Erica Burkman	University of Georgia
James Collins	University of Georgia
Pablo David Jimenez Castro	University of Georgia
Kelsey Paras	University of Georgia
Julie Sanchez	University of Georgia
Sarah Sapp	University of Georgia
Molly Savadelis	University of Georgia
Rachel Imai	University of Guelph
Perryn Kruth	University of Guelph
Evelin Rejman	University of Guelph
Ryan Snyder	University of Guelph
Jennifer Cain	University of Kentucky
Charlotte Manvell	University of Kentucky
Jamie Norris	University of Kentucky
Jessica Scare	University of Kentucky
Libby Wehling	University of Kentucky
Marissa Brummett	University of Rhode Island
Bailey Chalut	University of Rhode Island
Émilie Bouchard	University of Saskatchewan
Eranga De Seram	University of Saskatchewan
Sawsan Ammar	University of Tennessee
Huma Naeem	University of Veterinary and Animal Sciences, Lahore, Pakistan
Mariam Bakshi	USDA-ARS
Carly Barone	USDA-ARS
Denzel Middleton	West Virginia University
Elizabeth Shepherd	West Virginia University

Special thanks for the work by all the committee members: Joe Camp, Raj Gaji, Alice Lee, Jim Miller, Darwin Murrell, Roger Prichard, Gui Verocai, Lora Ballweber, Jesica Jacobs, Anne Zajac, Jan Liotta, Javier Garza, Kelly Allen, Lisa Young, Molly Savadelis, Rachel Imai, and Scott Bowdridge.

Submitted by Lindsay A. Starkey, Chair, AAVP Awards Committee

Electronic Media Committee

Meriam Saleh

Objectives: The Electronic Media Committee (EMC) shall be responsible for providing material to update the AAVP social media accounts (e.g. Facebook and Twitter); a member of the EM Committee will be tasked with posting/updating the social media accounts for the organization. Social media posts can consist of interesting news articles, press releases, and AAVP announcements. All posted material should be in accordance with AAVP policies; the moderator will use discretion over postings. In addition, the EM Committee will assist with providing resources and content that can be posted on the AAVP website. For example, the EM Committee will assist the Newsletter Editorial Board Committee in publishing the AAVP Newsletter electronically.

New AAVP Website Design (and improved functionality) and request for feedback: The major accomplishment of the EMC for 2018 was the overhaul of the AAVP website which debuted on February 22nd. It is the plan moving forward that the EMC will make recommendations for changes/updates to the website twice a year: (1) the annual meeting during the board meeting and committee reports, and (2) for exec board to evaluate at the midyear meeting prior to the annual meeting announcement. Any urgent matters will be dealt with as they arise.

Facebook page: The EMC would like the membership, committee chairs, and executive board to please consider how they want the Facebook page used. Is the purpose of our Facebook page to:

1. Engage with the general public and educate them about our organization
2. Educate the public about parasites
3. Serve as a private group for AAVP members to discuss and share interesting topics/news posts
4. Share job postings
5. Etc. etc. etc…any other reason you think is appropriate

This will be discussed further at the business meeting, but any thoughts or input before that time would be greatly appreciated.

Monitoring Facebook usage: As of May 2018 the numbers of "likes" on our Facebook page are **increasing** and currently we have 1960 likes. Our reach (which is defined as "The number of people who had any posts from your Page enter their screen") dramatically increased from 2390 in 2017 to 7143 in 2018. Reasons for the increase include posts about the appearance of the invasive tick species *Haemaphysalis longicornis* in the US.

Mobile App: This year will be our 3rd year providing a mobile app that includes an electronic version of the conference program and abstracts. There is also space for sponsor content. Currently all sponsors are listed with links to their websites (if provided) there is potential to expand this functionality.

2017 Statistics:

Downloads: 161 (number of people who actually downloaded the app)

Sessions: 3063 (number of times people went into the *app* and used it)

Profiles: 70 (number of people who made a profile in 2018; many used last year's profile)

Interactions: 154 (when people/profiles send a message or photo and others comment/reply)

Committee members: Meriam Saleh- Chair, Alice Houk-Miles, Ann Donoghue, Lauren Lewis, Ryan Avery, Denzel Middleton

Education Committee

Committee Responsibility:

The Education Committee shall foster interchange between veterinary parasitologists and assist in any way the enhancement of teaching parasitology in general and veterinary parasitology in particular.

Activities in 2017:

1. The Education Committee organized the 6th biennial Educators' Symposium which was held in Dec 2017 at the Ohio State University with 39 attendees. CAPC sponsored the meeting. Dr. Carpenter of CAPC presented parasite forecasting. We discussed survey of teaching, image sharing, learned about OSU MS program in public health, saw examples of innovated teaching strategies and instructional methods. A student panel of OSU VM I through IV students provided insight from their perspective. Spring 2018 AAVP Newsletter contained a reporting of the symposium.
2. For those who could not attend and requested lecture capture, those individuals received a link to the online presentations.
3. Case materials for teaching are available online and we created a use policy for the materials.

Respectfully submitted, Antoinette Marsh, Chair

Finance Committee

Upon review of documents submitted to the financial committee by the treasurer, the committee finds the 2017 financial records to be in order.

Respectfully submitted, Andrew Moorhead, Chair

Outreach/Publications/Research Committee

The Outreach/Publication/Research 2018 members are tasked to reach out to individuals, organizations and/or institution throughout the Americas whose interests correlate to the mission statement of the AAVP. Committee members emphasize the mission of the AAVP, networking potentials plus the inclusion of faculty and graduate students into the AAVP. We also include information about the 2018 Conference and the Co-conference with the World Association of Veterinary Parasitology (WAAVP) in 2019. The goal is to initiate lines of dialogue.

Associations Approached:

1. Asociacion Mexicanos de Parasitologous Veterinarios, AC (AMPAVE, Mexico)
2. Collegio Brasiliero de Parasitologia Veterinaria (Cbpv.org. br; Brasil)
3. Sociedad de Medicina Veterinaria (Argentina)
4. CaribVet Network; Caribbean Research Center (CRVC)
5. Intern. Assoc. of Food & Waterborne Parasites (WAFWP); Dr. A.A. Gajadhar
6. National College of Tropical Medicine, Baylor College of Medicine, Houston, Texas, Peter Hotez, PhD., Dean
7. Robert Kuriken, PhD., Dean, College of Science, Univ. of Texas-El Paso, TX; member of the United States-Mexico Border Health Innovative
8. Rosina (Tammi) C. Krecek, PhD. One Health, College of Vet. Med. TAMU (former Dean of Veterinary Medicine, St. Kitts; South African College of Veterinary Medicine, Onderspoort, S.A.); member of AAVP
9. Lennox Applewhaite, DVM, PhD, Director, Regional Veterinary Laboratory, Guyana, contact with Caribbean Veterinarians and Associations

For Consideration:

1. AVMA International Veterinary Exchange, associated with World Veterinary Association (SAVME-IVSA) on-going exchange programs for veterinary students within:
    a. Belize
    b. Costa Rica
    c. Ecuador
    d. Argentina

International Veterinary Exchange: Contact person: Jan Vaarten, DVM, Secretariat, World Veterinary Association.

2. Marino Mora Pereira, DVM, PhD. Faculty member at Auburn Veterinary College, graduate of the National University, Costa Rica, mzmo0107@auburn.edu. Contact to National University.
3. James Steele 2018 Diseases in Nature Transmissible to Man (DIN) Conference, annual conference, in May/June, conference sites in Texas; contact: Thomas Leo Cropper, DVM, MPVM, DACVPM, U.S. Air Force, Lackland AFB, Texas.

The committee meets for the first time as a group in Denver. As the full committee comes on-line, we anticipate an expanded list of possible contacts. Committee member, Camilla de Queiroz, is reaching out to regional veterinary parasitology groups in Brazil. I have stressed the committee is strictly an advisory group. As confirmed contacts/interest are established, names and contact information will be forwarded to the President and Executive Board.

Respectfully submitted: Miguel Suderman, Chair

Archive Committee

The AAVP archive continues to be held at Iowa State University and an inventory of its contents is accessible via the following link to the Special Collections Department:
http://www.add.lib.iastate.edu/spcl/manuscripts/MS475.html

The Iowa State University Special Collections Department is also archiving our web site (currently up to 2017): http://wayback.archive-it.org/1501/*/https://www.aavp.org

We have forwarded hard copies of the latest 3 issues of our Newsletter: (Spring, Summer and Fall 2017, Vol. 39 #1,2 &3) for inclusion in the AAVP archive MS475. There was an inadvertent mislabeling of the Fall Newsletter as volume 38 instead of volume 39. This has been corrected by Frank Hurtig and this corrected version forwarded to Iowa State for archiving.

In addition, we have also sent the following items to Iowa State for archiving:

1. Proceedings of the 2017 Annual Meeting
2. Minutes of the 2017 Mid-year Board Meeting from Denver
3. The list of the 2017-2018 AAVP committees and current members
4. The 2017 AAVP Annual Report for Non Profit Corporation
5. The 2017 State of Georgia Annual Corporate Renewal Registration for AAVP
6. The JAVMA news release of the 2017 AAVP Annual Meeting in Indianapolis

The Archive Committee was asked previously by Anne Zajac to check the archive and see if we could get any proceedings prior to 1978 (the first year on the web site) and post them on the web site. Amy Bishop at Iowa State informed us that there were no abstracts published in the 1970s, but there were some from the 1960s. Because there was no Student Chapter at Iowa State we approached Dr. Saurabh Verma, an AAVP member working at Iowa State, to copy some of the abstracts. Dr. Verma was able to copy the proceedings from 1961 to 1965, as well as the minutes of the first meeting in 1957. The copied proceedings were passed on to the Electronic Media Committee to be placed on the web site. The committee will try to get the other missing proceedings copied and on to the web site this year. However, this year the committee has been unable to locate any of the additional missing abstracts or other materials indicated above. If anyone has knowledge of these materials please inform a member of the committee.

As always, outgoing officers should make a copy of their AAVP associated electronic correspondence and place it onto a CD (the archive prefers that documents be in the .pdf format and photos in the .tif format). The CD and a note (with your name, position, and years covered by the CD) asking that it be placed in the AAVP archive (MS-475), can be sent to:

Amy Bishop
Phone: 515-294-8807
Email: aebishop@iastate.edu
Rare Books and Manuscripts Archivist, Special Collections and University Archives
403 Parks Library, 701 Morrill Road
Iowa State University Library
Ames, IA 50011-2140

Also, note that the Iowa State archivist may change from year to year, so contact the archivist prior to sending materials to ensure that the correct person is in place to receive the materials.

If anyone has photos of AAVP events that they think should be in the archive, they can scan the photos (at 300 to 400 dpi) and send them to Tom McTier (tom.mctier@zoetis.com). Include the names of those in the photograph and when and where it was taken. I will make a hard copy of the photo and information and forward it to the archive.

If anyone has copies of the missing issues of the newsletter (Vol 4 #2, Vol 6 #2, or Vol 11 #1) please make a copy of it and send it to the archive committee chairperson.

Respectfully Submitted by Tom L. McTier, Chair

History Committee

History Committee Members: Sue Howell, Chair, Tom Nolan, Raf Roncalli, Ryan Avery, and Ashley McGrew

I have just this past year agreed to be the chair of the AAVP History Committee. This is a totally new endeavor for me and I am excited to contribute this coming year to AAVP in this capacity. I have some big shoes to fill and appreciate Al Marchiondo's role in this committee.

One of the first things proposed was from Ton Nolan, who has suggested a permanent location on the AAVP website for members to submit "Classical Parasitology Papers" that are considered historically significant. This is a great idea and we hope to get this moving forward this coming year.

We also hope to have a permanent place on the newsletter for "memorials" for those that have contributed to the field of parasitology that have passed away. We have lost several in our field this past year and one that just recently came to our attention that we would like to recognize.

Thank you,

Respectfully submitted, Sue Howell, Chair

The AAVP History Committee reports the deaths of AAVP members: Donald E. Cooperrider, Norman F. Baker and Robert Young Jr.

In Memoriam

Donald E. Cooperrider

Dr. Cooperrider (OSU '36), 88, Fort Myers, Fla., died July 21, 2003. From 1968 until retirement in 1977, he was chief of the Florida Department of Agriculture's Animal Diagnostic Laboratories in Kissimmee. Earlier in his career, Dr. Cooperrider served as veterinary parasitologist at the University of Tennessee Experiment Station, associate professor at the University of Georgia's School of Veterinary Medicine, and chief of diagnostic laboratories at the North Carolina Department of Agriculture's Veterinary Division.

He was a founding member and past president of the American Association of Veterinary Parasitologists. Dr. Cooperrider was also a member of the American Society of Parasitologists, Association of Disease Research Workers in the Southern States, and Conference of Veterinary Laboratory Diagnosticians, and a lifetime member of the Florida VMA. His honors include the FVMA Gold Star and Lifetime Achievement awards and the AAVP Distinguished Service Award.

Norman F. Baker DVM PhD (1926-2018) passed away recently in Dixon, CA.

Dr. Baker graduated from the School of Veterinary Medicine, Davis, CA in 1952. He remained at UCD as an Assistant Veterinarian in the Experiment Station and a graduate student in Comparative Pathology. He completed his PhD degree in 1954 and was appointed as an Assistant Professor of Parasitology in the School of Veterinary Medicine and as an Assistant Veterinarian in the Experiment Station. Promotions to Associate and Full Professor were attained in the following years.

His teaching and service roles within the University involved introductory and clinical parasitology. As part of the latter, he was responsible for developing the parasitology diagnostic service at the VMTH. This service also carried the responsibility for consulting with the VMTH clinicians, practitioners, farm advisers and the public at large. During his years with the University, he served as major professor and/or adviser to several graduate students who have distinguished themselves in other universities, commercial pharmaceutical companies and in other nations.

As a member of the American Veterinary Medical Association, charter member of the American Association of Veterinary Parasitologists (President 1977-79, Distinguished Service Award 1987), a member of the World Association for the Advancement of Veterinary Parasitology, and co-founder of the Northern California Parasitologists, he had the opportunity to participate in many programs and committees concerned with academic and clinical parasitology. He especially enjoyed participating at local meetings of veterinary practitioners, farm adviser organized meetings and in other contacts with the world outside the University.

Following a successful and rewarding career, he retired in 1988. In retirement, he divided his time between Dixon, CA and Garden City, UT, where his activities were largely devoted to enjoyment of the outdoors and especially to fishing in both CA and UT.

Robert Young Jr.

September 14, 1930 - March 6, 2018
Robert Young, Jr. passed away peacefully at his home on March 6, 2018 at the age of 87 years. Bob was born to Robert and Anna Young in San Mateo, California.

Bob's father was a lifelong horseman, who provided him the opportunity to develop an appreciation for the bond between man and horse, an appreciation he carried through his entire life. As a young man, Bob worked and excelled as a carpenter. He was a strong swimmer, and was a member of his championship collegiate water polo team. Bob was inspired at an early age to pursue a career as a veterinarian. After his military service during the Korean War, he was accepted to the University of California at Davis School of Veterinary Medicine. Upon graduation in 1961 he moved to Modesto, California and joined the Shell Development Company, where he contributed to improvements in animal health and safety for 18 years. He subsequently worked in private practice until his retirement in 1997. He was a lifetime member of the American Veterinary Medical Association, as well as a number of other professional organizations including the American Association of Veterinary Parasitologists.

While in college, Bob met and fell in love with a beautiful woman who shared his passion for horses. Their first date was on horseback at his parent's farm. That experience sealed the deal, and Bob and Lori were married July 2, 1955. They had three sons, David, Ted, and Jon, who inherited their father's love of the outdoors. To them, he was the greatest teacher of work ethic, the value of personal responsibility and honesty, and valuing the importance of maintaining a good quality of life. He made friends easily, and was never at a loss for words in the company of others. The Young family kept a small ranch and raised Arabian horses for competitive trail riding and endurance racing. Bob successfully completed the grueling 100 mile Tevis Cup race, from Squaw Valley to Auburn, eight times. He also enjoyed backpacking, fishing, and hunting. He was a master woodworker, and took great pleasure in creating things with his hands. In addition to horses, Bob had many dogs during his life, but none that he loved more than his last Doberman, "Rowdy", whom he had dearly missed for the past year. Bob is survived by Lori, his wife of 62 years; his children David (Corie), Ted, and Jon; his grandchildren Brandon, Lauren, Sierra, Zac, and Clayton.

Announcements & Future Parasitology Meetings

Future meetings of the AAVP

63rd Meeting: 13-17 July 2018 – Denver, CO
64th Meeting: 7-11 July 2019 – Madison, WI (joint conference with WAAVP and LIWC)
65th Meeting: 1-4 August 2020 – San Diego, CA

International Congress of Parasitology (ICOPA) 2018

The XIV International Congress of Parasitology will be held August 19 – 23, 2018 in Daegu, South Korea.
ICOPA

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 Spring, Summer and Fall. Contributions to the Newsletter are highly encouraged and should be submitted by the dates listed below.

AAVP Newsletter Deadline for Submissions

Newsletter	Deadline
Fall 2017	October 20, 2017
Spring 2018	February 18, 2018
Summer 2018	June 20, 2018

Please contact the editor with questions regarding the Newsletter.