AAVP Newsletter

American Association of Veterinary Parasitologists

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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

Jennifer Ketzis, President

From the President

Dear AAVP colleagues,

Summer is here and it is time to get ready for the Annual AAVP meeting in Atlanta!

Heather has been working hard behind the scenes putting together an exciting and informative program including the NCVP clicker question session, . Andy and the executive committee have also picked out the location for 2025 – St. Louis, a favorite city of mine.

This is the time for changes and rotations on the Executive Committee and nominations committee. Antoinette Marsh, who will be rotating off the committee, has provided a lot of guidance and her input will be missed. William Johnson will also be rolling off the committee and replaced by Rachel Smith as one of the two student officers. Lindsay Starkey will be joining the committee as the new Vice President and Dean will be remaining on as our Secretary Treasurer. Caroline Sobotyk and Manigandan Lejeune will be joining the nomination committee. A big thank you to everyone that agreed to run for these positions!

A big thank you also to everyone that voted and please be prepared to vote on constitutional changes during the business meeting at the Annual Meeting – more information on this will be emailed to members at least 30 days before the meeting.

While it is the combined efforts of our members and our sponsors that enable our organization and field of science to grow, there are certain members that go above and beyond and deserve special recognition. It is, therefore, with great pleasure that I congratulate Dr. Doug Carithers on being recognized for his dedication and service to AAVP and Dr. Roger Prichard for his contributions to One Health.

It is with great sadness that I acknowledge the passing of Dr Byron Blagburn, a long-standing member of AAVP, a past president, a recipient of the Distinguished Veterinary Parasitologist Award, a mentor and friend to many of our members.

While our organization has grown, we are still a close and supportive group. It is for this reason that I look forward each year to our Annual Meeting and am looking forward to seeing everyone in Georgia!

Email: jketzis@rossu.edu Tel: 869.664.4755

Submitted by Jennifer Ketzis, AAVP President

From the Secretary/Treasurer

Report will be given at the Annual Meeting.

69th Annual Meeting of the AAVP – Conference Information

Message from the Program Committee

Heather Walden,
President-Elect,
Programming Chair

The AAVP Annual meeting will be held July 27-30, 2024 in Atlanta, Georgia at the Westin Hotel, Buckhead. We have over 200 people registered and over 140 abstracts submitted at the time of writing this for the newsletter. During the meeting, along with lots of social opportunities during breaks and sponsored events, you can connect with each other and check schedules using the meeting app on your smart phone.

Our sponsors are a critical part of this meeting. Without their generous support, we would not be able to have the amazing social events nor be able to fund our speakers. This year, as with last year, many of our sponsors will have exhibit booths or tables, providing a great opportunity to learn more about their products and services.

The 2024 program includes a variety of veterinary parasitology topics. We will follow our traditional Saturday afternoon to Tuesday afternoon programming outline with a few key changes. The poster promo (1 minute "elevator" pitch to the audience) will be held Saturday evening, following the plenary session, with the formal poster session on Sunday, July 28, in the evening in Grand Ballroom CDE. For the accepted abstracts in each of the sessions, each presentation has been allotted 12 minutes plus an additional 3 minutes for questions.

We officially start on Saturday, July 27, with the Executive Board meeting with all the committee chairs in the Habersham meeting room. Here we will summarize the past year's activities and plan for the coming year. If you are a committee chair, please plan to attend or delegate an individual from your committee to substitute for the chair. Each committee should have someone there.

Registration opens at 12:30 pm on Saturday outside Grand Ballroom CDE. Students should plan to arrive Saturday by 12:15 pm to attend the Meet and Greet luncheon in the East/West Paces room, sponsored by Virbac. Please get to know your peers and plan to attend all the student organized functions. Students may register following the luncheon. Veterinary technician educators should also plan to arrive Saturday by 12:15 pm to attend a separate Meet and Greet luncheon in the Chastain room, sponsored by Boehringer-Ingelheim.

The plenary session will begin at 2:00 pm on Saturday. Talks by Drs. Terence Farrell (Stetson University) and Sarah Sapp (Centers for Disease Control and Prevention) will focus on the role of nonindigenous hosts and human activity on invasive parasite success and the impact invasive parasites have on public health laboratories. After a short break, these presentations will be followed by presentations from the AAVP-Merck Animal Health Outstanding Graduate Student and the AAVP-CAPC Graduate Student in Zoonotic Disease awardees. Immediately following these talks, we will have the 1-minute poster promos. The evening program includes Dr. Kathryn Reif presenting during the Elanco Symposium followed by the Elanco sponsored opening night social.

Sunday morning is our traditional committee meetings, and the DEI committee will meet Monday morning, in the Chastain room. If you want to be part of a committee this is the opportunity to step up and participate. New members and students are encouraged to participate in the committees. Sunday is packed with a full day of sessions and a noontime IDEXX Symposium, with a presentation by Wade Burton, and includes lunch sponsored by IDEXX. The late afternoon kicks off with the formal poster session. The evening program consists of the Boehringer-Ingelheim Symposium and a Boehringer-Ingelheim sponsored evening social.

Monday we will start the day with scientific sessions and will finish the morning with our Business Meeting at 10:30 am. The Business Meeting is important to attend since we need everyone's input, will be voting and need to ensure a quorum. We may include a sign in sheet or a formal method to record attendance for this process. Immediately following the Business Meeting, the popular AAVP-NCVP Parasite Case Session will occur and be moderated by Drs. Tim Geary and Kathryn Duncan with lunch provided for attendees, sponsored by NCVP. Monday afternoon we continue our scientific sessions and the DACVM meeting in the early evening. The evening program includes Dr. Christian Leutenegger presenting during the Antech Symposium, followed by the Antech sponsored evening social. During this time, we will once again have the live

auction, raising funds for students and the Young Investigator Travel Grant. Two pieces from Dr. William Campbell's collection will be auctioned off, along with other items donated by AAVP members.

Tuesday morning is the traditional President's Symposium and this year's theme is "Invasive Parasites: Dynamics of Expansion, Transmission and Control." Our invited speakers are Drs. Rob Cowie (University of Hawaii) and Michael Yabsley (University of Georgia). During this time, our AAVP-William C. Campbell One Health Awardee, Dr. Roger Prichard, will also give a talk. Our student winners for best oral presentation and poster will be announced, with awards sponsored by Zoetis. We will also have a special session lead by Drs. Kathryn Duncan and Meriam Saleh on wellbeing in veterinary medicine and the results of the latest DEI committee survey.

Students should stay through to Wednesday morning as the student representative, Dr. Elyssa Campbell, is planning a Tuesday afternoon trip to the Georgia Aquarium.

The program committee, Drs. Antoinette Marsh, Jennifer Ketzis, Dean Dailey, Andy Moorhead, Elyssa Campbell and I would like to thank our sponsors. Their sponsorship enables us to have a great social program and keep our registrations fees low, enabling high student attendance. All of us on the program committee are looking forward to seeing you in Atlanta and hearing about your research and life updates.

Submitted by Dr. Heather Walden, Program Chair and President-Elect

Email: hdstockdale@ufl.edu

AAVP Business Meeting Agenda

Monday, July 29, 2024: 10:30-12:00 noon

Grand Ballroom AB

Agenda (duration of times are approximate):

1. 10:30-10:35 Opening remarks (Jennifer Ketzis)
   a. Approval of the 2024 meeting agenda
2. 10:35-10:40 President's Report (Jennifer Ketzis)
3. 10:40-10:45 Program Chair's Report (Heather Walden)
4. 10:45-10:50 Committee updates summary (Jennifer Ketzis)
5. 10:50-11:00 Diversity, Equity, and Inclusivity (DEI) survey results
6. 11:00-11:10 Proposed Changes to Constitution and Bylaws (Lauren Camp)
7. 11:10-11:15 Secretary-Treasurer report (Dean Daily)
8. 11:15-11:25 Remaining old business (AAVP members)
9. 11:25-11:35 New business (AAVP members)
10. 11:35-11:45 Next year's AAVP Meeting (Andy Moorhead)
11. 11.45-11.55 AAVP awards (Megan Lineberry and Molly Savadelis)
12. 11:55-12:00 Close and transfer of presidency (Jennifer Ketzis)

Annual Meeting Daily Program

The programming chair, Dr. Heather Walden, has put together a meeting that is fully packed with all things parasitology! In the following pages, you'll find the outlined schedule of events that includes a half day of plenary talks and awards (Saturday), two full days of scientific talks (Sunday & Monday), social events and posters. We will wrap-up with a symposium looking at invasive parasite species (Tuesday), student awards and a special session on wellbeing in veterinary medicine. Don't worry if you misplace this newsletter, the schedule will also be available on the meeting App and hard copy with the proceedings.

CONFERENCE PROGRAM	
Saturday, July 27, 2024	
7.00-12.00	**AAVP Executive Committee Meeting --** Room: **Habersham** *All AAVP officers and committee chairs please plan to attend; Breakfast provided 7.00-8.00*
12.15-13.45	**AAVP Student Member Meet and Greet - Lunch provided (sponsored by Virbac)** Room: **East/West Paces**
12.15-13.45	**AAVP Veterinary Technician Educator Meet and Greet – Lunch provided (sponsored by Boehringer Ingelheim)** Room: **Chastain**
12.30-18.00	**CONFERENCE REGISTRATION –** outside Grand Ballroom CDE
14.00-15.45	**PLENARY SESSION: Grand Ballroom AB**
14.00-14.15	**Opening remarks** AAVP President: **Jennifer Ketzis** AAVP President-Elect and Program Chair: **Heather Walden**
14.15-15.45	**PLENARY SESSION** 1. Nonindigenous host species and human activity play multiple roles in invasive parasite success: General concepts illustrated by a surging pentastome **Terence M. Farrell** (40 mins) *Stetson University* 2. Learning to Expect the Unexpected: The public health laboratory experience with invasive parasites in the United States **Sarah G. H. Sapp** (40 mins) *Centers for Disease Control and Prevention*
15.45-16.00	**Coffee Break** (Sponsored by AAVP) **Ballroom Lobby**
16.00-17.00	**AAVP Graduate Student Award Winners** Moderator: Megan Lineberry Room: **Grand Ballroom AB**
16.00-16.30	**2024 AAVP-Merck Animal Health Outstanding Graduate Student** 3. The Mighty Flea: A graduate student's adventures unraveling the mysteries of cat flea microbiology Awarded to **Charlotte O. Moore** *North Carolina State University*
16.30-17.00	**2024 AAVP-CAPC Graduate Student Award in Zoonotic Disease** 4. Transcriptional changes in *Toxocara canis* third-stage larvae exposed to ivermectin and moxidectin *in vitro* Awarded to **Theresa Quintana** *Kansas State University*
17.00-17.45	Poster 1-minute Promo Presentations Moderator: Andy Moorhead Room: **Grand Ballroom AB**
18.00-18.15	Stretch Break (no refreshments)
18.15-19.00	**Elanco Symposium** Room: **Grand Ballroom AB** 5. Comparative speed of kill provided by lotilaner (Credelio™), sarolaner (Simparica Trio™), and afoxolaner (NexGard™) to control *Amblyomma americanum* infestations on dogs **Kathryn Reif,** *Auburn University*
19.15-21.15	**Elanco Opening Night Social** – Reception space outside **Grand Ballroom**

Sunday, July 28, 2024		
7.00-8.00	AAVP Committee Meetings (except the DEI Committee) (Light breakfast for those volunteering for/on committees – Sponsored by AAVP) Breakfast set out from 7:00-7:30 in the Chastain Room Room: **Chastain**	
8.15-11.45	CONCURRENT SCIENTIFIC SESSIONS	
8.15-9:45	**Session 1: Ectoparasites 1 – Distribution, Diagnosis & Control** Room: **Grand Ballroom AB** Moderators: Cassan Pulaski & Theresa Quintana	**Session 2: Large Animal 1 – Resistance, Diagnostics & Control** Room: **Buckhead Ballroom** Moderators: Tim Geary & Isabelle Ewing
8.15-8.30	6. Current and potential future distribution of *Dermacentor similis* in western North America under differing climate change scenarios **Grace Nichol** *University of Guelph*	12. Natural variation in CYP-35D1 alters the metabolism of thiabendazole **James Collins** *Johns Hopkins University*
8.30-8.45	7. Molecular phylogenetic relationships of *Ornithodoros turicata* collected throughout Texas **Alexa Mendoza** *Texas A&M University*	13. Investigating phenotypic, genotypic and genomic changes in a drug-susceptible isolate of *Haemonchus contortus* under field selection with fenbendazole **Leonor Sicalo Gianechini** *University of Georgia*
8.45-9.00	8. Genetic diversity of *Sarcoptes scabiei* in American black bears (*Ursus americanus*) **Jill Broadhurst** *University of Georgia*	14. Oxford Nanopore long-read nemabiome metabarcoding and anthelmintic resistance SNP detection for molecular diagnostics in ovine gastrointestinal nematodes **John Gilleard** *University of Calgary*
9.00-9.15	9. Evaluation of environmental *Bartonella* spp. in flea-infested homes **Cameron Sutherland** *Kansas State University*	15. The identification of small molecule inhibitors with anthelmintic activities against ruminant gastrointestinal nematodes **Dante Zarlenga** *USDA, Agricultural Research Center*
9.15-9.30	10. Use of machine learning to identify novel repellents and acaricides **Marnix Vlot** *TropIQ Health Sciences*	16. Anthelmintic efficacy surveillance in Missouri beef cattle herds **Grant Crawford** *Merck Animal Health*
9.30-9.45	11. Waiting in the wings: How recent arthropod sampling alters our understanding of vector-parasite assemblages of the northern Nearctic **Matthew Kulpa** *Texas A&M University*	17. Can FAMACHA® be used for selective treatment of sheep of St. Kitts? **Jennifer Ketzis** *Ross University School of Veterinary Medicine*
9.45-10.15	**Coffee Break** (Sponsored by AAVP) **Ballroom Lobby**	

Sunday, July 28, 2024 (continued)		
8.15-11.45	CONCURRENT SCIENTIFIC SESSIONS (continued)	
10.15-11:45	**Session 3: Ectoparasites 2 – Distribution, Diagnosis & Control** Room: **Grand Ballroom AB** Moderators: Jeff Gruntmeir & Collin Hayes	**Session 4: Large Animal 2 – Resistance, Diagnostics & Control** Room: **Buckhead Ballroom** Moderators: Guilherme Verocai & Timothy Wu
10.15-10.30	18. Efficacy of afoxolaner and esafoxolaner against *Otodectes cynotis* infestations in dogs and cats **Loic Antoine** *Boehringer Ingelheim Animal Health*	24. *Toxocara vitulorum* from a mini Jersey calf from Tennessee **Rick Gerhold** *University of Tennessee*
10.30-10.45	19. Efficacy of afoxolaner against *Tunga penetrans* in naturally infected dogs **Eric Tielemans** *Boehringer Ingelheim Animal Health*	25. Improving an equine tapeworm egg diagnostic test **Sarah Davis** *University of Kentucky*
10.45-11.00	20. Efficacy of afoxolaner and esafoxolaner against bed bug (*Cimex lectularius*) experimental infestations in dogs and cats **Eric Tielemans** *Boehringer Ingelheim Animal Health*	26. Count Me In! Counting more larvae increases precision in mucosal digestion procedure **Mackenzie Smith** *University of Kentucky*
11.00-11.15	21. Efficacy of sarolaner in Simparica® (sarolaner) Chewables and Simparica Trio® (sarolaner, moxidectin, and pyrantel chewable tablet) against two U.S. strains of *Haemaphysalis longicornis* **Jessica Rodriguez** *Zoetis Animal Health*	27. A living mare-y go-round: Characterizing 3D spatial distribution of cyathostomins in the equine large intestine **Nichol Ripley** *University of Kentucky*
11.15-11.30	22. Revolution® PLUS for the treatment of existing infestations and prevention of subsequent infestations with *Amblyomma americanum* (lone star tick) on cats **Susan Holzmer** *Zoetis Animal Health*	28. The end of no return? Equine anticestodal treatment failure **Martin Nielsen** *University of Kentucky*
11.30-11.45	23. Efficacy of Revolution® PLUS (the combination of selamectin + sarolaner) for the prevention of transmission of *B. burgdorferi* from infected *I. scapularis* in cats **Susan Holzmer** *Zoetis Animal Health*	29. Bloodworm Biology: Using genomics to redefine a reemerging parasite **Nichol Ripley** *University of Kentucky*
11.45-12.15	Stretch Break and collect lunch outside **Grand Ballroom** for the symposium (Lunch sponsored by IDEXX)	
12.15-13.00	**IDEXX Luncheon Symposium** You've opened a can of worms, now what? The utility of fecal antigen testing in screening populations **Wade Burton, DVM (IDEXX Medical Affairs Specialist)** Room: **Grand Ballroom AB**	
13.00-13.15	Stretch Break (no refreshments)	

Sunday, July 28, 2024 (continued)		
13.15-16.45	CONCURRENT SCIENTIFIC SESSIONS	
13.15-14.45	**Session 5: One Health** Room: **Grand Ballroom AB** Moderators: John Gilleard & Kayla Garrett	**Session 6: Epidemiology 1** Room: **Buckhead Ballroom** Moderators: Grace VanHoy & Elyssa Campbell
13.15-13.30	30. A genetically attenuated whole-cell *Toxoplasma* vaccine confers protective immunity against toxoplasmosis **Shahbaz Khan** *Johns Hopkins University*	36. Climate-induced changes in Arctic slug habitats: Implications for protostrongylid range expansion **Pratap Kafle** *Long Island University*
13.30-13.45	31. *Toxoplasma gondii* and rabies virus: the parasite, the virus, or both? **Ragan Wilson** *Oklahoma State University*	37. Arrested development of *Pseudocapillaria tomentosa* in zebrafish *Danio rerio* at elevated temperatures **Michael Kent** *Oregon State University*
13.45-14.00	32. Identification of metacercariae recovered from farmed Nile tilapia (*Oreochromis niloticus*) in Kenya **Araceli Lucio-Forster** *Cornell University*	38. Predicting the current and future geographic distribution of *Lutzomyi*a spp., vectors of *Leishmania* spp., under climate change, in North America **Sydney DeWinter** *University of Guelph*
14.00-14.15	33. Identifying novel antihelmintic drug leads using high throughput zebrafish screens **Connor Leong** *Oregon State University*	39. High prevalence of vector-borne pathogens identified among dogs in Chad, determined using a targeted next generation sequencing approach **Ian Daniel** *Texas A&M University*
14.15-14.30	34. The application of DNA metabarcoding to improve the detection of parasites of One Health relevance **Camila Queiroz** *University of Calgary* *Canadian Food Inspection Agency*	40. Detection of *Anaplasma bovis*-like agent in *Dermacentor variabilis* in the southcentral USA **Rachel Smith** *Oklahoma State University*
14.30-14.45	35. Assessing the reactivity of TRX and DUF148 antigens for detection of Guinea worm (*Dracunculus medinensis*) infection in dogs **Hassan Hakimi** *Texas A&M University*	41. Prevalence of gastrointestinal nematodes on Wyoming sheep and Bighorn sheep and the potential cross-transmission at the interface **Md Ashraful Islam Bhuiya** *University of Wyoming*
14.45-15:15	**Coffee Break** (Sponsored by AAVP) **Ballroom Lobby**	

Sunday, July 28, 2024 (continued)		
13.15-16.45	CONCURRENT SCIENTIFIC SESSIONS (continued)	
15.15-16.45	**Session 7: Immunology, Serology & Molecular Diagnostics** Room: **Grand Ballroom AB** Moderators: Andy Moorhead & Rachel Smith	**Session 8: Epidemiology 2** Room: **Buckhead Ballroom** Moderators: Pablo Jimenez Castro & Charlotte Moore
15.15-15.30	42. Investigation of the immune response of goats to gastrointestinal nematode infection under Ontario grazing conditions **Caitlin Evered** *University of Guelph*	48. Retrospective survey in the US for 2023: Prevalence of parasitic infections and associated risk factors in client-owned dogs identified by fecal examinations **Yoko Nagamori** *Zoetis Animal Health*
15.30-15.45	43. The role of macrophages in the immune response to peritoneal infections of *Dirofilaria immitis* larvae in the Mongolian jird (*Meriones unguiculatus*) **Elyssa Campbell** *University of Georgia*	49. Prevalence of parasitism in client-owned dogs determined by fecal examinations in the Pacific Northwest, United States in 2023 **Yoko Nagamori** *Zoetis Animal Health*
15.45-16.00	44. Heat treatment augments antigen detection of *Dirofilaria immitis* in apparently healthy companion dogs (3.8% to 7.3%): Insights from a large-scale nationwide survey across the United States **Daniel Barrantes Murillo** *Auburn University*	50. Canine couriers: Investigating the role of traveling dogs as carriers of *Dirofilaria* spp. from Central and South America **Theresa Quintana** *Kansas State University*
16.00-16.15	45. Use of a chimeric multiantigen ELISA to detect *Trypanosoma cruzi* antibodies in Florida dogs **Alice Lee** *University of Florida*	51. Prevalence of protozoan parasites *Toxoplasma gondii*, *Leucocytozoon* spp., *Haemoproteus* spp., and *Plasmodium* spp. in a wild turkey (*Meleagris gallopavo silvestris*) population in Tennessee **Laura Horton** *University of Tennessee*
16.15-16.30	46. Prevalence of zoonotic *Onchocerca lupi* in shelter dogs of an endemic region of the southwestern United States **Maureen Kelly** *Texas A&M University*	52. Assessing the prevalence of *Cryptosporidium* and *Giardia* in captive and wild-caught snakes from Texas **Cora Garcia** *Texas A&M University*
16.30-16.45	47. Detection of *Leishmania infantum* DNA in conjunctival swabs and precorneal tear film from naturally infected dogs **Leucio Alves** *Federal Rural University of Pernambuco*	53. Seasonal dynamic of *Schistosoma mansoni* infection in *Biomphalaria* spp. in a highly endemic Quilombola community **Rafael Ramos** *Federal University of Agreste of Pernambuco*
16.45-17.00	Stretch Break (no refreshments)	
17:00-18:30	**Poster Session** Room: **Grand Ballroom CDE**	
18.45-19.30	**Boehringer Ingelheim Symposium** Room: **Grand Ballroom AB**	
19.30-21.30	**Boehringer Ingelheim Sunday Night Social,** Reception space outside **Grand Ballroom**	

Monday, July 29, 2024		
7.15-8.15	DEI Committee Meeting with breakfast snack for committee attendees Room: **Chastain**	
8.30-10.00	CONCURRENT SCIENTIFIC SESSIONS	
8.30-10:00	Session 9: **Companion Animal Parasite Diagnostics & Control 1** Room: **Grand Ballroom AB** Moderators: Antoinette Marsh & Keana Sloos	Session 10: **Tapeworms** Room: **Buckhead Ballroom** Moderators: Ann Donoghue & Sydney DeWinter
8.30-8.45	54. Verification of Vetscan Imagyst *Cystoisospora* spp. and *Eimeria* spp. oocyst identification in canine and feline fecals **Rachel Smith** *Oklahoma State University*	60. *Echinococcus multilocularis* in North America – emerging threat to canine and human health? **Emily Jenkins** *University of Saskatchewan*
8.45-9.00	55. A novel immunoassay for the detection of *Cystoisospora* spp. coproantigen in canine and feline fecal samples **Amy Porter** *IDEXX Laboratories, Inc.*	61. The hardship of parasite diagnostics: Comparing Two Fecal Techniques for the Detection of *E. multilocularis* in wild canids **Kamilyah Miller** *Kansas State University*
9.00-9.15	56.Effects of storage temperature and time on the precision for hookworm ova/larvae and *Giardia* antigen detection in canine and feline fecal samples **Kayla Dunn** *MySimplePetLab*	62. Regional surveillance for *Echinococcus* species in wild canids in the United States **Kayla Garrett** *University of Georgia*
9.15-9.30	57. Implementation of an automated chemiluminescence assay to detect *Giardia lamblia* antigens in a veterinary laboratory **Jerry Li** *IGE Technology, Inc.*	63. Is *Dipylidium caninum* really two species? A deep dive into the genome of *D. caninum* from cats and dogs **Jeba Jesudoss Chelladurai** *Kansas State University*
9.30-9.45	58. Effectiveness and safety study to evaluate AYRADIA™ (metronidazole oral suspension) for the treatment of *Giardia duodenalis* in naturally infected dogs **Sloane Jones** *Virbac*	64. Genome level variations associated with praziquantel resistance in clinical isolates of *Dipylidium caninum* from U.S. dogs **Jeba Jesudoss Chelladurai** *Kansas State University*
9.45-10.00	59. Molecular surveillance of gastrointestinal parasites in hunting dogs and wild canids from Pennsylvania and Washington state **Pablo Jimenez Castro** *Antech Diagnostics, Inc*	65. SpiroDiversity: Molecular characterization of *Spirometra* isolates across the United States of America **Tiana Sanders** *Texas A&M University*
10.00-10.30	**Coffee Break** (Sponsored by the AAVP) **Ballroom Lobby**	
10.30-12.00	**AAVP Business Meeting and Awards** Pictures - AAVP Executive Committee, Student Officers, Sponsors and Awardees Room: **Grand Ballroom AB**	
12.00-12.15	**Collect lunch outside the Grand Ballroom** (Sponsored by NCVP)	

Monday, July 29, 2024 (continued)		
12.15-13.30	**AAVP-NCVP Parasite Case Discussions** Moderator: **Tim Geary and Kathryn Duncan**	
13.30-13.45	Stretch Break (no refreshments)	
13.45-17.30	CONCURRENT SCIENTIFIC SESSIONS	
13.45-14.00	Session 11: **Companion Animal Parasite Diagnostics & Control 2** **Room: Grand Ballroom AB** Moderators: Doug Carithers & Ian Daniel	Session 12: **Wildlife 1** Room: **Buckhead Ballroom** Moderators: Rick Gerhold & Nichol Ripley
14.00-14.15	66. Detection of *Dirofilaria repens* and *Mansonella* species in the United States by *Wolbachia* Surveillance **Charlotte Moore** *North Carolina State University*	72. Animal health risk in zoos and aquariums: Parasitic disease strategies and success in collaboration **Deidre Fontenot** *Disney's Animals, Science & Environment*
14.15-14.30	67. Untangling the genetic basis for filarial parasite development in mosquito hosts **Clair Henthorn** *University of Wisconsin*	73. *Angiostrongylus cantonensis* in Florida burrowing owls (*Athene cunicularia floridana*) **Håkon Jones** *University of Georgia*
14.30-14.45	68. Evaluation of diagnostic techniques for early detection of heartworm in experimentally infected dogs: Identification of *Dirofilaria immitis*-derived microRNA in the initial 28 weeks post-inoculation **Daniel Barrantes Murillo** *Auburn University*	74. *Baylisascaris procyonis* eggs in raccoon feces and soil samples at a zoological facility in Ontario, Canada: A pilot study **Keana Sloos** *Ross University School of Veterinary Medicine*
14.45-15.00	69. Updates on the use of athymic nude mice in a mouse model of *Dirofilaria immitis* and its utilization in drug screening, with notes on the development of the larvae to the immature adult stage in the mouse **Crystal Fricks** *TRS Labs, Inc*	75. *Skrjabingylus chitwoodorum* in a rabies positive skunk (*Mephitis mephitis*) **Sarah Myers** *Oklahoma State University*
15.00-15.15	70. Evaluation of parasitic load by Real Time Quantitative PCR in dogs with natural infection by *Leishmania infantum* treated with marbofloxacin combined with allopurinol **Leucio Alves** *Federal Rural University of Pernambuco*	76. The wild side of bison nemabiome: species diversity and composition in US conservation herds **Kaylee Kipp** *Texas A&M University*
15.15-15.30	71. A proteomic and transcriptomic approach for the evaluation of extracellular vesicles from Excretory-Secretory (TES) products of *Toxocara canis* and *Toxocara cati* **Timothy Wu** *Cornell University*	77. Occurrence of zoonotic *Thelazia callipaeda* infection in an American black bear (*Ursus americanus*) in Pennsylvania, USA **Caroline Sobotyk** *University of Pennsylvania*
15.30-16:00	**Coffee Break** (Sponsored by AAVP) **Ballroom Lobby**	

Monday, July 29, 2024 (continued)		
13.45-17.30	CONCURRENT SCIENTIFIC SESSIONS (continued)	
16.00-17.30	Session 13: **Companion Animal Parasite Diagnostics & Control 3** **Room: Grand Ballroom AB** Moderators: Jennifer Ketzis & JB Collins	Session 14: **Wildlife 2** Room: **Buckhead Ballroom** Moderators: Yoko Nagamori & Kamilyah Miller
16.00-16.15	78. Surveillance of single-nucleotide polymorphisms correlated to macrocyclic lactone resistance in *Dirofilaria immitis* from client-owned dogs across the United States **Molly Savadelis** *Zoetis Animal Health*	84. *Trypanosoma cruzi* antibodies detected from invasive wild pigs (*Sus scrofa*) in the United States **Taylor Fisher** *University of Georgia*
16.15-16.30	79. Reinvigorating the search for novel broad-spectrum anthelmintics from microbial natural products **Kaetlyn Ryan** *University of Wisconsin*	85. *Trypanosoma cruzi* infection in a black bear cub and serologic survey for exposure in wild black bears from several states **Reece Hughes** *University of Georgia*
16.30-16.45	80. Macrocyclic lactone resistant heartworm found in Europe **Roger Prichard** *McGill University*	86. Cardiomyopathy in raccoons (*Procyon lotor)* infected with *Trypanosoma cruzi* **Elliott Zieman** *Eastern Illinois University*
16.45-17.00	81. Quantifying the fitness effects of resistance alleles with and without anthelmintic selection pressure using *Caenorhabditis elegans* **Amanda Shaver** *Johns Hopkins University*	87. *Trichinella* species isolated from wildlife originating from the Greater Kruger National Park, Limpopo and Mpulamalanga provinces of South Africa **Samson Mukaratirwa** *Ross University*
17.00-17.15	82. Ivermectin treatment alters the kynurenine pathway in susceptible *Dirofilaria immitis* parasites **Sohini Kumar** *McGill University*	88. Two cases of incidental microfilariae: A probable *Chandlerella* sp. in a brown pelican (*Pelicanus occidentalis)* and a second species in a blue tree monitor lizard (*Varanus macraei*) **Jeff Gruntmeir** *University of Florida*
17.15-17.30	83. Real-time PCR and immunochemistry detection of *Wolbachia* in adult *D immitis* from dogs treated with doxycycline and ivermectin **Yi Chu** *University of Georgia*	89. Two cases of *Angiostrongylus vasorum* in wild carnivores of Tennessee **Rick Gerhold** *University of Tennessee*
17.30-18.00	**DACVM Meeting**, Room: **Chastain**	
18.00-18.45	**Antech Symposium** 90. GI parasites & One Health: A 'Poo- pourri' of GI parasite findings in dogs and cats **Christian Leutenegger,** *Antech* Room: **Grand Ballroom AB**	
19.00-21.00	**Antech Monday Evening Social** Reception space outside **Grand Ballroom** **YITG Live Auction, Grand Ballroom CDE**	

Tuesday, July 30, 2024	
8.00-8.30	Light breakfast (Sponsored by AAVP) **Outside Grand Ballroom**
8:30-10.45	**PRESIDENT'S SYMPOSIUM: Invasive Parasites: Dynamics of Expansion, Transmission and Control**
8.30-10.45	**PRESIDENT'S SYMPOSIUM** Moderator: **Heather Walden** Room: **Grand Ballroom AB** **Announcement of Student Winners & Introduction of Speakers (10 mins)** 91. An Introduction to Rat Lungworm Disease (Neuroangiostrongyliasis) **Robert Cowie** (40 min) *University of Hawaii* 92. *TBD* **Michael Yabsley** (40 min) *University of Georgia* **AAVP-William C. Campbell One Health Award** 93. Experiences of the ParaNet and One Health (30 min) **Roger Prichard** *McGill University* **Student Award Winners! Please stay afterwards for group photo.**
10.45-11.00	**Coffee Break** (Sponsored by AAVP) **Ballroom Lobby**
11.00-12.00	**Wellbeing in Veterinary Medicine** Moderator: **Andrew Peregrine** Room: **Grand Ballroom AB** 94. Wellbeing exercises for the parasitology classroom (25 min) **Kathryn Duncan** *Oklahoma State University* 95. Results of a Diversity, Equity, and Inclusion survey of members of the American Association of Veterinary Parasitologists (25 min) **Meriam Saleh** *Texas A&M University*
12.00	Meeting adjourns – Happy Travels to You!

2024 AAVP PROGRAM
POSTER
PRESENTATIONS

Please put up all posters in the **Grand Ballroom CDE** by Saturday evening (21.00, 7/27/2024) and leave your poster up until the end of the Sunday poster viewing session (17.00-18.30). Plan to stand at your poster (formal judging for students) during the Sunday, 7/28/2024 poster session. Posters must be removed by Monday, July 29, 2024 at 15.00.

Sunday, July 28, 2024	
17.00-18.30	Poster Viewing
96. Prevalence of tick infestation on free roaming dogs in North Wollo, Ethiopia **Abebe Gobeze** *Banfield Pet Hospital, Cornell University*	
97. Laboratory life cycle maintenance of the soft tick *Ornithodoros tartakovskyi* **Adam Sobieski** *University of Wisconsin*	
98. Refining diagnostic approaches for bovine trichomoniasis: A case study on the discrepancies between culture and molecular techniques **Amira Ahmed** *Louisiana Animal Diagnostic Lab*	
99. Investigations into the role of a dense granule protein, SnGRA9, during intracellular development of *Sarcocystis neurona* **Annapoorani Jegatheesan** *Purdue University*	
100. Diversity of gastrointestinal and respiratory parasites isolated from mustelids in Pennsylvania and New York, USA **Caroline Sobotyk** *University of Pennsylvania*	
101. A diagnostic qPCR panel for the detection and identification of major species of gastrointestinal nematodes in small ruminants **Christian Savard** *Biovet, Division of Antech*	
102. High frequency of *Giardia duodenalis* with zoonotic potential in domestic animals from Quebec Province, Canada **Christian Savard** *Biovet, Division of Antech*	
103. Preliminary investigations into two methods of evaluating anthelmintic resistance in cattle gastrointestinal nematodes in southern Louisiana **Collin Hayes** *Louisiana State University*	
104. Severe *Kalicephalus* sp. gastrointestinal parasitism in two free-ranging eastern diamondback rattlesnakes (*Crotalus adamanteus*) **Corinna Hazelrig** *University of Georgia*	

Sunday, July 28, 2024 (continued)	
17.00-18.30	Poster Viewing (continued)
105. Hematological factors associated with *Hepatozoon* spp. infection in banded watersnakes (*Nerodia fasciata*) from the southeastern USA **Corinna Hazelrig** *University of Georgia*	
106. Investigating dopaminergic parasite receptors as potential anthelmintic targets **Elena Rehborg** *University of Wisconsin*	
107. Effectiveness of the nematophagous fungus, *Duddingtonia flagrans*, in consuming infective-stage larvae following aging of the spores in sheep mineral mix **Elisa Preston** *Louisiana State University*	
108. Effect of dietary Beta-glucan supplementation on parasitological and immune parameters in the periparturient ewe and overall performance in the developing offspring **Elizabeth Kass** *University of Rhode Island*	
109. New multi-species deep sequencing assay to estimate the frequency of the levamisole resistance-associated mutation in the gene *acr-8* (S168T) **Elizabeth Redman** *University of Calgary*	
110. Glow worms: Fluorescence in equine intestinal parasites **Elizabeth Rexroat** *University of Kentucky*	
111. The NIH/NIAID Filariasis Research Reagent Resource Center **Elyssa Campbell** *University of Georgia*	
112. Safety evaluation of a topical combination of esafoxolaner, eprinomectin and praziquantel, in reproducing female cats **Eric Tielemans** *Boehringer Ingelheim Animal Health*	
113. Identification and efficacy of pan-hookworm vaccine antigens **Florentina Rus** *University of Massachusetts, Chan Medical School*	
114. Frequencies of benzimidazole resistance associated alleles in hookworms in Kansas Dogs **Grace Schieferecke** *Kansas State University*	
115. Breeding of Mongolian gerbils for filariasis research **Isabelle Ewing** *University of Wisconsin*	

Sunday, July 28, 2024 (continued)	
17.00-18.30	Poster Viewing (continued)
116. Imported dogs and invasive parasites – A case series: *Dirofilaria repens* microfilariae in an owned police dog born in Czechoslovakia and microfilariae of *Dirofilaria* sp. "hongkongensis" in a pet dog originating from India **Jeff Gruntmeir** *University of Florida*	
117. A new tool for surveillance: PCR assay for *Raillietiella orientalis* infection in live snakes **Jenna Palmisano** *University of Central Florida*	
118. These egg counts aren't going down: update on anthelmintic resistance in sheep on St. Kitts **Jennifer Ketzis** *Ross University School of Veterinary Medicine*	
119. Ursicoptic mange in the American black bear (*Ursus americanus*): opportunistic surveillance efforts **Jillian Broadhurst** *University of Georgia*	
120. DNA skin swabs: a novel diagnostic approach to monitor cattle lice burdens **John Gilleard** *University of Calgary*	
121. Feline cytokine response to *Cytauxzoon felis* infections with different clinical presentations **Kacey Newhard** *Eastern Illinois University*	
122. Free-ranging ungulates in Nevada, USA are infected with a high diversity of piroplasm parasites **Kayla Garrett** *University of Georgia*	
123. Prevalence and genetic characterization of blood parasites in wild turkeys (*Meleagris gallopavo*) **Kayla Garrett** *University of Georgia*	
124. Surveillance for *Trichomonas* infections in bald eagles (*Haliaeetus leucocephalus*) and golden eagles (*Aquila chrysaetos*) indicates that subclinical *T. gypaetinii* infections are common in bald eagles **Kayla Garrett** *University of Georgia*	
125. Seroprevalence and risk factors associated with vector borne diseases in dogs living in rural communities in central Panama **Kimberly Archbold** *University of Georgia*	

Sunday, July 28, 2024 (continued)	
17.00-18.30	Poster Viewing (continued)
126. The impact of *Dirofilaria immitis* and *Leishmania infantum* co-infection in dogs **Lêucio Alves** *Universidade Federal de Pernambuco*	
127. Assessing the impact of doxycycline alone and the need for macrocyclic lactone association to eliminate *Dirofilaria immitis* infection **Lêucio Alves** *Universidade Federal de Pernambuco*	
128. Long-term moxidectin protocol for treatment of multidrug-resistant *Ancylostoma caninum* and *Eucoleus boehmi* **Mason Martin** *Virginia Tech*	
129. Prevalence of gastrointestinal nematodes on Wyoming cattle farms **Md Ashraful Islam Bhuiya** *University of Wyoming*	
130. Trichomonad disease in wild turkeys (*Meleagris gallopavo*): pathology and molecular characterization of *Histomonas, Tetratrichomonas, Tritrichomonas* and *Simplicimonas* species **Michael Yabsley** *University of Georgia*	
131. Ticks on the Trail: Canine tick exposures in Northeast Georgia greenspaces **Michael Yabsley** *University of Georgia*	
132. *Knemidocoptes* spp. infestations of passerine birds in central Georgia, USA **Michael Yabsley** *University of Georgia*	
133. Efficacy of a *Haemonchus contortus* vaccine under field conditions in young alpacas **Michelle Carman** *The Ohio State University*	
134. Novel crystal protein therapeutics for treatment of gastrointestinal nematodes **Nicholas Cazeault** *University of Massachusetts, Chan Medical School*	
135. Filarial nematodes in dogs from the Northeast region of Brazil **Rafael Ramos** *Federal University of the Agreste of Pernambuco*	

Sunday, July 28, 2024 (continued)	
17.00-18.30	Poster Viewing (continued)
136. Matrix-assisted laser desorption/ionization time of flight mass spectrometry (MALDI-TOF MS) as a diagnostic tool for the rapid identification of arthropod species **Sawsan Ammar** *University of Calgary*	
137. Results from ongoing surveillance for *Echinococcus multilocularis* in intermediate hosts in southern Ontario, Canada - diagnoses in eastern chipmunks (*Tamias striatus*) **Simon Jeeves** *University of Guelph*	
138. Pharmacokinetic comparison of emodepside formulations in dogs and interaction studies with canine MDR1 **Theresa Quintana** *Kansas State University*	
139. Efficacy of Simparica Trio® against induced infections of *Ancylostoma braziliense* in dogs **Thomas Geurden** *Zoetis Animal Health*	
140. Efficacy of Simparica Trio® against induced infections of *Ancylostoma ceylanicum* in dogs **Thomas Geurden** *Zoetis Animal Health*	
141. Efficacy of Simparica Trio® against induced infections of *Haemaphysalis longicornis* in dogs in South Korea **Thomas Geurden** *Zoetis Animal Health*	
142. Comparative performance analysis of different microfilaria testing methods for *Dirofilaria immitis* in canine blood **Trey Tomlinson** *University of Florida*	
143. Comparative analysis of the transcriptomes of *Baylisascaris procyonis* larvae and adults **Vishnu Manikantan** *Purdue University*	
144. Association of *Giardia* sp. infection with respiratory signs in domestic animals **Araceli Lucio-Forster** *Cornell University*	

Student Delegates Update

We look forward to seeing you all in Atlanta! Below you can find the details of student-specific activities for this annual meeting:

Saturday, July 27th
12:30 pm – Student Meet and Greet sponsored by Virbac (lunch provided)
The student committee and Virbac welcome you to the annual meeting with a meet and greet lunch! It's a great way to meet other student members, learn about the student committee, and the student officers will answer any questions you have about the AAVP meeting, student trip, etc. Dr. JB Collins will also be leading parasitology bingo!

1:45 pm – 6:00 pm: Visit the registration table for your conference packet

Sunday, July 28th
7:00 am – Join a Committee
All AAVP committees will meet over breakfast. This is a great way to learn about what the different committees are, how you can be involved, and to network with other students and members.

Tuesday, July 30th
1:00 pm – 5:30 pm: Student Trip to the Georgia Aquarium
We will be taking a behind-the-scenes tour of the Georgia Aquarium and chatting with their veterinarians about their care of the animals, so come ready with questions! **We only have a few more tickets available for this trip, so email aavpstudentcommittee@gmail.com to reserve your spot!** We will make hotel arrangements for that night for the trip attendees who need it.

Roommates for Atlanta: We know hotels can be expensive for student budgets! Anyone looking for room share should contact your student officers: aavpstudentcommittee@gmail.com We will share a Google Doc to facilitate roommate matching!

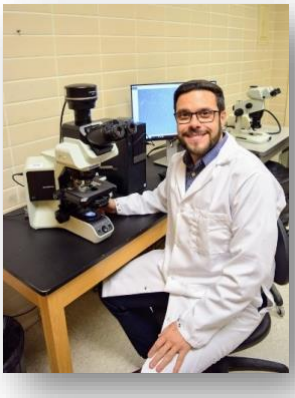
AAVP Merchandise: Many thanks to Maureen Kelly for organizing our AAVP t-shirt fundraiser. You all helped raise over $700 for the student committee and YITG! **Look out for a survey in your emails to help us decide what merchandise to make next!**

AAVP Students Webinar Series: We would like to thank Drs. Jessica Rodriquez, Ashley Steuer, Molly Savadelis, and Yoko Nagamori for their participation in the June 4th webinar and to Liz Kass and Maureen Kelly for organizing it.

Elyssa Campbell (ejacob7@uga.edu)

AAVP Committee Reports

Nominating Committee Report and Election Results



Guilherme Verocai, Chair

The nominating committee consists of 6 members with staggered three-year terms, and our current members are:

Term Ends	Committee Members	
2024	John Gilleard	Guilherme Verocai
2025	Pablo Jimenez Castro	Meriam Saleh
2026	Grace VanHoy	Kathryn Duncan

The committee is charged with developing the ballot for annual election. Each year a new Vice President and two Nominating Committee members are elected, and every 2 years a new Secretary-Treasurer is elected.

We are grateful to all the nominees who agreed to run this year:

Vice President
Lindsay Starkey
Adriano Vatta

Secretary - Treasurer
Dean Dailey

Nominating Committee
J.B. Collins
Mani Lejeune
Camila Queiroz
Roger Ramirez-Barrios
Caroline Sobotyk

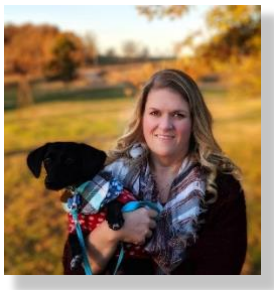
Student Officer
Rachel Smith (Oklahoma State University)
Nicol Ripley (University of Kentucky)

Ballots were distributed electronically to 216 AAVP members and a total of 75 ballots were completed. Thank you to all the members who voted!

Respectfully, Guilherme Verocai, Chair, Nominating Committee

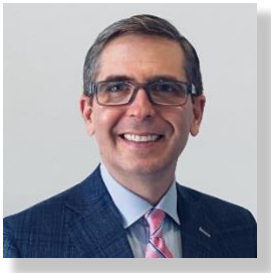
The 2024 Election Results

VICE PRESIDENT



Lindsay Starkey
Oklahoma State University

SECRETARY - TREASURER



Dean Dailey
Boehringer Ingelheim

NOMINATING COMMITTEE

Mani Lejeune
Cornell University

Caroline Sobotyk
University of Pennsylvania

STUDENT OFFICER

Rachel Smith
Oklahoma State University

Congratulations to each of you!

Respectfully submitted by Guilherme Verocai, Chair, Nominating Committee

Awards Committee Report

We would like to begin by expressing our sincerest gratitude to several individuals:

- The members of the Awards committee this year for their efforts prior to the meeting in selecting awards recipients.
- The nominators and those who took the time to submit letters of support for all of the nominees in 2024.
- Committee members and willing ad-hoc judges in attendance who will be participating in the judging of the student competition.
- The executive committee for their hard work in ensuring the smooth operation of this committee.

Megan Lineberry

Molly Savadelis

- Sponsors of the named awards and student oral and poster presentation awards: Boehringer Ingelheim, CAPC, Zoetis, and Merck. Thank you for your continued support of the various AAVP awards.

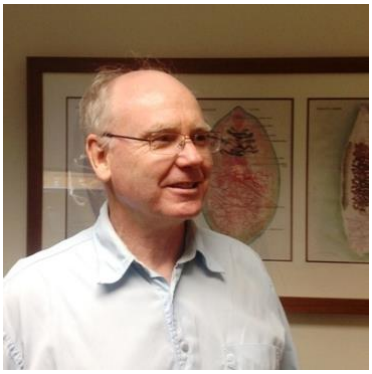
There are 13 members on the Awards committee this year. A huge thanks to those continuing to serve on and those willing to serve on this committee. Substantial committee membership aids in voting on award recipients and in the judging of best student paper and poster competitions at the annual meeting, especially with the continued increase in student involvement. Zoetis has offered their support by providing awards for the top-placing students in the best student presentation and poster competitions.

Respectfully submitted by Megan Lineberry and Molly Savadelis, Co-Chairs, AAVP Awards Committee 2024

2024 AAVP Awards Committee members: *Megan Lineberry* and *Molly Savadelis* (Co-Chairs), Lisa Young, Lindsay Starkey, Alice Lee, Lauren Camp, Ashraful Bhuiya, Elliot Zieman, Peter Thompson, Doug Carithers, Kellee Sundstrom, Jeff Gruntmeir and Jessica Kennealy.

AAVP-William C. Campbell One-Health Award

Dr. Roger Prichard, of McGill University, has been selected as the 2024 William C. Campbell One-Health Award recipient. This is an award that recognizes and celebrates remarkable veterinary parasitologists who have made extraordinary contributions to One Health, defined as the collaborative effort of multiple disciplines—working locally, nationally, and globally—to attain optimal health for people, animals, and our environment. Dr. Prichard's full biography will be featured in the annual meeting's proceedings, and his plenary address entitled "Experiences of the ParaNet and One Health" will take place during the President's Symposium at the meeting in Atlanta. AAVP will contribute toward the reimbursement of expenses necessary for the recipient to attend the Society's annual meeting.



Roger Prichard

Congratulations to **Dr. Prichard** on receiving this award!

AAVP Distinguished Service Award

Dr. Doug Carithers of Boehringer Ingelheim has been selected as the 2024 Distinguished Service Award recipient. This is an award that recognizes and celebrates extraordinary contributions and service to the AAVP. Dr. Carithers' full biography will be featured in the annual meeting's proceedings and AAVP will contribute toward the reimbursement of expenses necessary for the recipient to attend the Society's annual meeting.

Congratulations to **Dr. Carithers** on receiving this award!

Doug Carithers

AAVP-Merck Outstanding Graduate Student Award

Charlotte Moore, from North Carolina State University, has been selected as the recipient of the 2024 AAVP-Merck Outstanding Graduate Student Award. Under the supervision of Dr. Edward Breitschwerdt, Charlotte's Ph.D. work investigates the mechanisms of flea-borne pathogen maintenance in the environment including the cat flea microbiome, potential for vertical transmission of flea-borne pathogens, and role of the cat flea in hemotropic *Mycoplasma* transmission. Charlotte's presentation will take place during the Graduate Student Award Winners session at the annual meeting in Georgia and is entitled, "The Mighty Flea: A graduate student's adventures unraveling the mysteries of cat flea microbiology." This award includes reimbursement of travel expenses by the AAVP, an engraved plaque and a monetary award of $1,000 provided by Merck Animal Health.

Charlotte Moore

Congratulations to **Charlotte**!

AAVP-CAPC Graduate Student Award in Zoonotic Disease

Theresa Quintana, of Kansas State University, has been selected as the recipient of the 2024 AAVP-CAPC Graduate Student Award in Zoonotic Disease. Under the supervision of Dr. Jeba Jesudoss Chelladurai, Theresa's Ph.D. work focuses on drug tolerance mechanisms of zoonotic parasites such as *Toxocara canis, Ancylostoma caninum. Echinococcus granulosus* and *Dipylidium caninum*. Theresa's presentation will take place during the Graduate Student Award Winners session at the annual meeting in Georgia and is entitled "Transcriptional changes in *Toxocara canis* third-stage larvae exposed to ivermectin and moxidectin *in vitro*". This award includes an engraved plaque and a monetary award of $1,000 provided by CAPC.

Congratulations to **Theresa**!

Theresa Quintana

Best Student Paper and Poster Competitions

Over 50 students have entered the competition for the 2024 meeting! The Best Student Paper competition and the Best Student Poster competition are sponsored by Zoetis. There will be 1st, 2nd, and 3rd place awards given in each category with $500, $300, and $150 honoraria, respectively. Any member who wishes to participate in the judging of the student competition is encouraged to contact Megan Lineberry (megan.lineberry@zoetis.com) or Molly Savadelis (molly.savadelis@zoetis.com).

Diversity, Equity and Inclusion Committee Report

Meriam Saleh and **Andrew Peregrine, Co-Chairs;** Members: Lauren Camp, Corinna Hazelrig, Frank Hurtig, Malika Kachani, Araceli Lucio-Forster, Ashley McGrew, Andy Moorhead, Jamila Norman, Julie Thompson, Aida E. Pereyra Cruade, Nina Randolph, Jessica Rodriguez, Barbara Shock, Ashly Steves, Grace VanHoy, and Timi Wu

The DEI committee is excited to present two sessions on Tuesday morning (6/30) of the annual meeting.
As always, student wellbeing is a priority for our association! Be sure to attend "Wellbeing Exercises for the Parasitology Classroom", presented by Dr. Kathryn Duncan, to learn brief, evidence-based practices that can be incorporated into your curriculum.
In the ongoing efforts to continue to make the AAVP a more inclusive, equitable, and wonderful organization, the committee has been surveying the membership on both the DEI strengths and weaknesses of the organization. Dr. Meriam Saleh will be presenting the updated results of the DEI survey of our AAVP membership.

Looking forward to seeing many of you at the meeting in June–stay safe and be well!

Respectfully submitted, Meriam Saleh, Co-Chair, DEI Committee, msaleh@cvm.tamu.edu

Education Committee Report

Grace VanHoy, Chair
Education Committee

The 2024 Educator's Symposium will be held at University of California-Davis on **December 15-17th**. The theme of the symposium will focus on the development of clinical reasoning in veterinary students, as well as the development of tools for professional-personal balance.
Details as they stand now (more to follow):

1. **Who can attend?** AAVP members in good standing who currently teach veterinary parasitology.
2. **When and where is the symposium?** December 15-17 in Davis, CA at the University of California-Davis School of Veterinary Medicine. Arrival is Sunday the 15th with a reception, followed by an all-day program on Monday the 16tth, and departure on Tuesday the 17th.
3. **Where do I stay?** We will be reserving a block of rooms at the Hyatt Place on the UC Davis campus. More details regarding room reservation will be forthcoming.
4. **What is paid for?** One hotel room will be provided per school for the nights of the 15th and 16th. If more than one person is coming from a school and they need a separate room, they will need to book it at their own cost. There will be a reception with food on Sunday the 15th. Breakfast, lunch, and dinner will be provided on the 16th. Breakfast will be provided by the hotel on the 17th.
5. **How do I get there?** If you are flying, you will fly into Sacramento International Airport (SMF). You can then rent a car or take a rideshare to the UC Davis campus. It is approximately 22 miles from the airport to Hyatt Place on the UC Davis campus.
6. **How do I register?** A formal registration form will be sent later in the year. However, we do want to gauge initial interest. If you are interested in attending, please fill out this form: https://ucdavis.co1.qualtrics.com/jfe/form/SV_eEfhsLFiCiNjMwK

Submitted by Grace VanHoy, Education Committee Chair

Constitution and By-Laws Committee Report

Charge: Review the Constitution and Bylaws each year and suggest changes to these documents to the Executive Committee.
Chair: Lauren Camp

Electronic Media Committee Report

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.

Outreach, Publication and Research Committee Report

CRWAD Meeting – AAVP Best Student Presentation Award
Recipient: Amy Dupper
Affiliation: The Ohio State University
Presentation Title: "Concurrent therapeutic and behavior interventions reduce emerging *Dracunculus medinensis* worms in dogs in Chad".

AAVP 2025 Conference Committee Report

We look forward to seeing everyone in St. Louis, Missouri next year. The dates will be June 21-24, 2025.

Respectfully submitted by Dr. Andy Morehead, Chair, AAVP 2025 Conference Committee

Finances Committee Report

Report will be delivered at the Annual Meeting.

Archive Committee Report

AAVP historical documents are held at Iowa State University (ISU) and an inventory is accessible via the following link to the Special Collections Department: https://n2t.net/ark:/87292/w9d48f. This is a folder-level listing of the physical documents in the collection. It does not include the electronic records yet. ISU is still working on getting the systems in place to provide access to electronic records. We can submit materials electronically, however, if the material was originally issued in paper form, then that is format we should submit.

The Iowa State University Special Collections Department is also archiving our web site (currently from 2009 to September 2020): http://wayback.archive-it.org/1501/*/https://www.aavp.org.

We still need proceedings prior to 1977. We have no archived programs, abstracts or proceedings from 1952 to 1976. We would greatly appreciate any donations (clean out your office!).

We are still looking for copies of the following Newsletters: Vol. 4 No. 2; Vol. 6 No. 2; Vol. 11 No. 1. If you have one of these, you may scan and email, or feel free to send the original or a copy. Hard copies may be sent to Ann Donoghue, 150 N County Road 3, Fort Collins, CO 80524. Electronic copies may be sent to ardonoghue at gmail.com.

If you have photos of AAVP events, we welcome them for inclusion in the Archive. You may send the hard copy to Ann Donoghue, or scan the photo at 300 to 400 dpi and email it to Ann. Please include the names of people in the picture, and when and where it was taken.

Respectfully Submitted by Dr. Ann Donoghue, AAVP Archivist

AAVP Auction Committee Report

Shelly Michalski, Anne Donoghue, Sheila Mitchell, and Maureen Kelly

We have Campbells!

Plans for the second AAVP live auction are well underway and we couldn't be more excited! We have received several generous donations from our members for this year's auction. We have also obtained a collection of original works and books from Dr. William C. Campbell, Nobel Laureate, to auction over the next seven years of meetings. President-elect and Program Chair Dr. Heather Walden has chosen two Cambpell donations for the 2024 auction. The first is a book from Dr. Campbell's personal collection, entitled The Several Lives of a Victorian Vet, By Jean Ware & Hugh Hunt, published in 1979 and inscribed on the inner cover by Dr. Campbell. The second is an original work by Dr. Campbell called Worms on Green Background, ink and water color on paper (2017), which is signed by the artist. Start saving your spare change, these items will evoke fierce bidding!

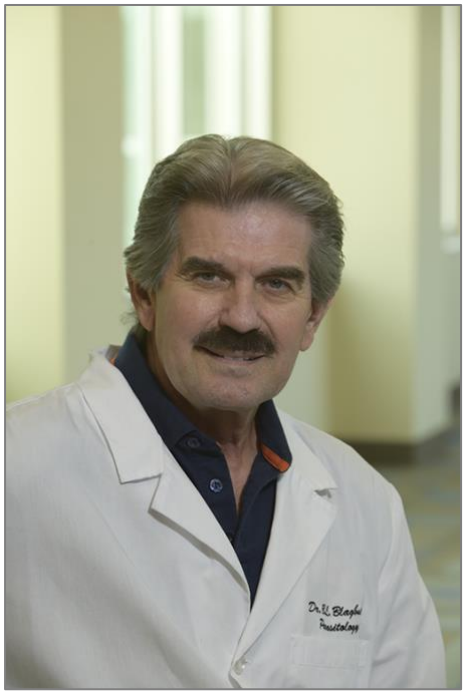
We are also thrilled to announce that our intrepid auctioneer, Dr. Morgan McArthur, has confirmed that he will run the 2024 auction. We are still soliciting the membership for donated items, and ask that those interested will email a picture and description of each item(s) to us prior to the meeting. The Auction Committee reserves the right to accept or reject donations based on uniqueness and value, and donors are responsible for transport of the items to the meeting. To submit an item for consideration, please send pictures and descriptions to Shelly Michalski, michalsk@uwosh.edu.

Historian/History Committee Report

Ashley McGrew (Chair) (2024)	Ashley.mcgrew@colostate.edu
Alan Marchiondo (2024)	amkj46@aol.com
Amy Biddle (2024)	asbiddle@udel.edu
Kyle Cappo (2025)	cappok@vet.upenn.edu
Mostafa Elfawal (2026)	Mostafa.elfawal@umassmed.edu
Kathryn Duncan (2025)	Kathryn.duncan@okstate.edu

Our group has been tasked with reporting on the passing of members from the Parasitology community. We also contribute to an ongoing resource bank of historically relevant information, and work to promote an appreciation for the history of the field of Veterinary Parasitology.

In Memoriam: Dr. Byron L. Blagburn MA, PhD, Diplomate (Hon.) ACVM - Parasitology



Dr. Byron L. Blagburn, MA, PhD, Diplomate (Hon.) ACVM – Parasitology

March 22, 1947 – May, 8 2024

Dr. Byron Blagburn passed away on Wednesday, May 8, 2024, in Auburn, Alabama.

Dr. Blagburn was a University Distinguished Professor at Auburn University College of Veterinary Medicine, where he held a continuous faculty appointment for over 40 years. He earned his B.S. and M.A. in Biological Sciences from Andrews University, Berrien Springs, Michigan and his Ph.D. in Veterinary Medical Science (Parasitology) from the University of Illinois, Urbana-Champaign, Illinois. In addition to his career in science and parasitology, he had a passion for music and was a self-taught guitarist and trained at the Berklee College of Music in Boston, Massachusetts.

Dr. Blagburn is internationally recognized for his work in veterinary parasitology. He made significant contributions to veterinary medicine and veterinary parasitology through the diagnosis, treatment and prevention of canine and feline heartworm disease and vector borne disease. His research focused on mechanisms of action of parasiticides, collaborating with many pharmaceutical companies, to help develop many of the parasite preventives commonly used in veterinary medicine today. He had a keen interest in immunoparasitology and the pathogenesis of protozoal diseases, with work that centered around developmental biology and *in vitro* cultivation of parasites. He conducted the first national canine parasite survey through the Companion Animal Parasite Council. He was the recipient of both the Beecham Award for Research Excellence and the Pfizer Award for Research Excellence at Auburn University and was presented with the Companion Animal Parasite Council Lifetime Achievement Award in 2022.

He had a passion for student learning, and he was an engaging and highly respected educator, involved in teaching veterinary students throughout their curriculum, as well as directing graduate students in their thesis and dissertational research. In 2003, he was named Auburn University Student Government Association Outstanding Teacher, educating thousands of veterinary students and over 30 graduate students during his career at Auburn. He was also the director of the clinical parasitology diagnostic laboratory at Auburn University, College of Veterinary Medicine.

Dr. Blagburn was a past AAVP president (1995-1996) and the recipient of the AAVP Distinguished Veterinary Parasitologist Award in 2001. He served as President of the Southeastern Society of Parasitologists (1993) and was an active member, serving on several committees, of the American Society of Parasitologists and the American Heartworm Society. He was a founding board member of the National Center for Veterinary Parasitology and a founding member of the Companion Animal Parasite Council, serving as President in 2007.

Dr. Blagburn was an exceptional scientist, mentor, colleague and friend. His passion for parasitology and joy he found through his many personal connections continues through his students, colleagues, friends and all those who had the pleasure to know him. He will be deeply missed.

I, Dwight D. Bowman, Parasitologist at Cornell's College of Veterinary Medicine, would like to add a few thoughts related to Dr. Blagburn. We met because we were both working on a new heartworm preventive from NOVARTIS. After our work was completed, the different research groups got together on the coast and played in the waves and the sand. That is where my wife and I met Byron's wife. They were both wonderful, and it was obvious that they were made for each other. It is also important that we were both non-DVM parasitologists working mainly on the diseases of animals, seeing veterinary practitioners and working on the development of new preventive therapies and treatment. Byron and I shared a bit of our background together, I also started out on a musical track, but at Hiram College in Hiram Ohio, I was trained as a parasitologist, and it stuck. Byron and I worked on many different or similar projects together, and his loss is a very major loss to veterinary therapeutics. We had similar pasts and similar futures that allowed us to be together on many occasions. We both were from smaller working-class towns (Michigan - Byron) and (Ohio- Dwight) and did graduate research at universities with faculty suggested by our local Mentor.

I miss Byron. The topic turns me into an effusively maudlin individual. Hurt takes time to heal!

Respectfully submitted,
Heather D. S. Walden
Dwight D. Bowman

Announcements

Upcoming member vote needed

We will be voting on proposals to update the language within the AAVP Constitution and Bylaw documents. Voting on the proposed changes will take place during the business meeting at the Annual Meeting.

Future Parasitology Meetings

Future Meetings of the AAVP

70th Annual Meeting: 2025 – St. Louis, Missouri – June 21-24, 2025.

American Society of Parasitologists 2024

The 99th Annual Meeting of the American Society of Parasitologists will be held at Westin Denver Downtown in Denver, CO, USA, 13-16 June, 2024. ASP

World Association for the Advancement of Veterinary Parasitology 2025

The 30th International Conference of the World Association for the Advancement of Veterinary Parasitology will be held in Brazil. More information to come. WAAVP

American Society of Tropical Medicine & Hygiene (ASTMH) 2024

The 73rd annual meeting of ASTMH will be held at the New Orleans Ernest M. Morial Convention Center, New Orleans, LA, 23 – 27 October, 2024. ASTMH

Conference of Research Workers in Animal Diseases (CRWAD) 2025

The 2025 CRWAD meeting will be 18-21 January, 2025, at the Chicago Marriott, Downtown Magnificent Mile, Chicago, Illinois, USA. AAVP continues to support the best student competition in the parasitology section of the CRWAD meeting. CRWAD

Receiving AAVP Listserv Messages

The AAVP listserv is our primary means of contacting the membership. These emails are sent from "support@aavp.org." To ensure you receive these messages, please whitelist "support@aavp.org" by adding it to your approved senders list. All you need to do is open an email message and verify the sender can be trusted. However, the exact procedure to whitelist a sender will depend on your email client. In addition to adding the AAVP address to your "Approved Senders List", other commonly used options among email clients are "Add Contact, Add to VIPs, Add Sender to Safe Senders List, or add to Primary," among others. If you are not receiving messages from support@aavp.org at all, contact your IT department for assistance.

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 2024	October 20, 2024
Spring 2025	February 18, 2025
Summer 2025	May 24, 2025

Please contact the editor with questions regarding the Newsletter.