

**American Association of Veterinary Parasitologists  
67<sup>th</sup> Annual Meeting, June 25<sup>th</sup>-28<sup>th</sup> 2022, Snowbird, Utah, USA**

<b>CONFERENCE PROGRAM</b>	
<b>Saturday, June 25, 2022</b>	
7.00-13.15	<b>AAVP Executive Committee Meeting</b> <i>All AAVP officers and committee chairs please plan to attend</i> Room: <b>Twin Peaks, Level 10</b> For Executive Committee meeting attendees: Breakfast 7.00-8.00; Lunch 12.00-13.15
12.30-13.45	<b>AAVP Student member Meet and Greet - All Students Please Attend</b> <b>Lunch provided</b> <b>Sponsored by Virbac</b> Room: <b>Wasatch</b>
12.00-17.00	<b>CONFERENCE REGISTRATION</b> Coat Room A
13.45-14.00	<b>Learning the Meeting Mobile App with Jessica Rodriguez, Electronic Media Committee Chair</b> <b>Ballroom 2 &amp; 3</b>
14.00-18.30	<b>PLENARY SESSION: Celebrating the AAVP</b> Room: <b>Ballroom 2 &amp; 3</b>
14.00-14.15	<b>Opening remarks</b> AAVP President: <b>Martin Nielsen</b> AAVP President-Elect and Program Chair: <b>Antoinette Marsh</b>
14.15-15.45	<b>PLENARY SESSION</b> Moderator: <b>Antoinette Marsh</b> 1. Professional association management: Lessons learned <b>David Granstrom</b> (45 mins) <i>American Veterinary Medical Association</i> 2022 AAVP William C. Campbell One Health Award <b>Patricia Conrad</b> (45 mins) Veterinary Parasitologists: Are we 'natural' One Health practitioners? <i>University of California, Davis</i>
15.45-16.00	<b>Coffee Break (Ballroom Lobby)</b>
16.00-17.45	<b>AAVP AWARDS</b> Room: <b>Ballroom 2 &amp; 3</b>
16.00-16.45	<b>2022 AAVP-Merck Animal Health Outstanding Graduate Student</b> Moderator: Shelly Michalski From dealing with crap to playing in it: My journey to parasitology Awarded to <b>Jennifer Cain</b> <i>University of Kentucky</i>
16:45-17:30	<b>2022 AAVP-Boehringer-Ingelheim Distinguished Veterinary Parasitologist</b> Moderator: Doug Carithers Awarded to <b>Richard J. Martin</b> <i>Iowa State University</i>
17:30-18:00	Break (no refreshments)
18:00-18:45	<b>Elanco Symposium</b> Room: <b>Ballroom 2 &amp; 3</b> 2. A historical look at insecticide resistance in the cat flea ( <i>Ctenocephalides felis</i> ) <b>Brian Herrin</b> <i>Kansas State University</i>
19:00-21:00	Elanco Opening Night Social Room: <b>Golden Cliff/Eagles Nest</b>

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Sunday, June 26, 2022		
7.00-8.15	AAVP Committee Meetings (Light breakfast for those volunteering for/on committees – Sponsored by AAVP) Breakfast set out at 7:00-7:20 - fetch breakfast from Ballroom Lobby and take to Magpie Committee Meetings: 7:20-8:15 Room: <b>Magpie</b>	
8.00-8.30	Light breakfast: morning social (Sponsored by AAVP) <b>Ballroom Lobby</b>	
8:30-12.00	CONCURRENT SCIENTIFIC SESSIONS	
8:30-10:00	<b>Session 1: Canine Hookworm</b> Room: <b>Ballroom 2 &amp; 3</b> Moderators: Tim Geary & Nina Randolph	<b>Session 2: Wildlife I</b> Room: <b>Ballroom 1</b> Moderators: Heather Walden & Kathryn Duncan
8.30-8.45	3. Efficacy and safety of Simparica Trio <sup>®</sup> against immature (L4 and L5) stages of <i>Ancylostoma caninum</i> in laboratory dogs <b>Susan Holzmer</b> <i>Zoetis</i>	9. Molecular characterization of <i>Dictyocaulus</i> (Nematoda; Dictyocaulidae) infecting North American bison ( <i>Bison bison</i> ) <b>Hannah Danks</b> <i>Texas A &amp; M</i>
8.45-9.00	4. Evaluation of a triple dewormer protocol to treat canine hookworms <b>Nina Kristen Randolph</b> <i>The Ohio State University</i>	10. Surveillance of parasites and canine distemper virus in free-ranging Canada lynx ( <i>Lynx canadensis</i> ) and fishers ( <i>Pekania pennanti</i> ) in Maine, USA <b>Corinna Hazelrig</b> <i>University of Georgia</i>
9.00-9.15	5. Canine fecal flotation and coproantigen immunoassay hookworm positive results by breed 2017-2021 <b>K. Wade Burton</b> <i>IDEXX Laboratories</i>	11. Detection of <i>Echinococcus</i> spp. in coyotes in the Midwest United States <b>Kamilyah Miller</b> <i>Kansas State University</i>
9.15-9.30	6. Molecular epidemiology of the isotype-1 Beta-tubulin F167Y benzimidazole resistance mutation in <i>Ancylostoma caninum</i> in pet dogs across the USA <b>Abhinaya Venkatesan</b> <i>University of Calgary</i>	12. A cryptic <i>Onchocerca</i> species in moose from southern Alaska <b>Matthew Kulpa</b> <i>Texas A&amp;M University</i>
9.30-9.45	7. A novel Q134H isotype-1 Beta-tubulin putative benzimidazole resistance mutation is widespread in <i>Ancylostoma caninum</i> populations from pet dogs and greyhounds across the USA <b>John Gilleard</b> <i>University of Calgary</i>	13. Introduced parasites <i>Raillietiella orientalis</i> and <i>Angiostrongylus cantonensis</i> in non-native anurans in Florida <b>Heather Walden</b> <i>University of Florida</i>
9.45-10.00	8. AAVP canine hookworm task force: Where are we? <b>Antoinette Marsh</b> <i>The Ohio State University</i>	14. Prevalence and diversity of gastrointestinal helminths in mountain gorillas characterized by habituation status, age and sex <b>Jamila Norman</b> <i>St. George's University</i>

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Sunday, June 26, 2022 (continued)		
10.00-10.30	Coffee Break (Sponsored by AAVP) <b>Ballroom Lobby</b>	
10:30-12:00	<b>Session 3: Control-Large Animal</b> Room: <b>Ballroom 2 &amp; 3</b> Moderators: Grace VanHoy & Leonor Sicalo Gianechini	<b>Session 4: Diagnosis &amp; Detection</b> Room: <b>Ballroom 1</b> Moderators: Andy Moorhead & Matthew Kulpa
10.30-10.45	15. A large-scale molecular epidemiology study to investigate origins of benzimidazole resistance mutations <b>Camila Queiroz</b> <i>University of Calgary</i>	21. Pharmacoeconomic study on the clinic usage and impact of Vetscan Imagyst on gastrointestinal parasite detection and treatment <b>Kennedy Mwacalimba</b> <i>Zoetis</i>
10.45-11.00	16. Combined anthelmintic treatments to control resistant nematodes in cattle: pharmacokinetic and field efficacy evaluations <b>Candela Canton</b> <i>Centro de Investigación Veterinaria de Tandil (CIVETAN)</i>	22. Comparative observational study on the detection of gastrointestinal parasites in dogs and cats on flea tick and heartworm disease preventives <b>Kennedy Mwacalimba</b> <i>Zoetis</i>
11.00-11.15	17. Efficacy of various <i>Bacillus thuringiensis</i> crystal proteins “IBaCC” against ovine <i>Haemonchus contortus</i> and equine Cyathostomins <b>Elizabeth Kass</b> <i>University of Rhode Island</i>	23. Detection of <i>Dipylidium caninum</i> coproantigen in experimental and natural infections <b>David Elsemore</b> <i>IDEXX Laboratories</i>
11.15-11.30	18. Ivermectin and moxidectin: Shortened equine strongylid egg reappearance periods investigated <b>Martin Nielsen</b> <i>University of Kentucky</i>	24. <i>Dipylidium caninum</i> coproantigen detection by immunoassay agrees with nucleic acid detection by PCR in dogs with experimental and natural infections <b>Melissa Beall</b> <i>IDEXX Laboratories</i>
11.30-11.45	19. Ivermectin efficacy and fecal egg shedding patterns in equine strongylid populations <b>Martin Nielsen</b> <i>University of Kentucky</i>	25. Droplet digital PCR as a tool to detect resistant isolates of <i>Dirofilaria immitis</i> <b>Sohini Kumar</b> <i>McGill University</i>
11.45-12.00	20. Assessment of the two anthelmintics commonly used in Arkansas small ruminants using a fecal egg count reduction test <b>Eva Wray</b> <i>University of Arkansas</i>	26. Characterizing circulating <i>Onchocerca lupi</i> -derived microRNA in naturally infected dogs and assessing their potential as diagnostic markers <b>Caroline Sobotyk</b> <i>Texas A&amp;M University</i>
12.00-12.15	Stretch Break	
12.15-13.15	<b>IDEXX Luncheon Symposium</b> 27. What can data tell us about parasitology in companion animals? <b>Wade Burton &amp; David Elsemore</b> Room: <b>Ballroom 2 &amp; 3</b>	
13.15-13.30	Stretch Break	

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Sunday, June 26, 2022 (continued)		
CONCURRENT SCIENTIFIC SESSION		
13.30-14.45	<b>Session 5: Molecular-Large Animal</b> Room: <b>Ballroom 2 &amp; 3</b> Moderators: Martin Nielsen & Kaylee Kipp	<b>Session 6: Molecular-Small Animal &amp; One Health</b> Room: <b>Ballroom 1</b> Moderators: Patricia Conrad & Megan Lineberry
13.30-13.45	28. Grab your keys and put your codon! Genomic adventures with the equine bloodworm: <i>Strongylus vulgaris</i> <b>Nichol Ripley</b> <i>University of Kentucky</i>	33. Novel pipeline for the identification of <i>Ctenocephalides felis</i> microbial genera with detection of widespread co-infection and associated vector phylogenetic diversity <b>Charlotte Manvell</b> <i>North Carolina State University</i>
13.45-14.00	29. Expansion of the molecular genetics tool kit of <i>Sarcocystis neurona</i> to aid in investigating its intracellular survival <b>Annapoorani Jegatheesan</b> <i>Purdue University</i>	34. Preliminary validation of a probe-based qPCR for detection of zoonotic <i>Onchocerca lupi</i> in clinical samples of companion animals <b>Maureen Kelly</b> <i>Texas A&amp;M University</i>
14.00-14.15	30. Girl power: The microbiome of <i>Parascaris</i> spp. female gonads <b>Jennifer Cain</b> <i>University of Kentucky</i>	35. Development of rapid <i>in vitro</i> colorimetric enzymatic activity assay to differentiate macrocyclic lactone susceptible and resistant <i>Dirofilaria immitis</i> isolates <b>Emily Curry</b> <i>McGill University</i>
14.15-14.30	31. Probing a population problem by prospecting the parameters of <i>Parascaris</i> spp. <b>Constance Finnerty</b> <i>University of Kentucky</i>	36. X-treme loss of sequence diversity linked to neo-X chromosomes in filarial nematodes <b>Michelle Michalski</b> <i>University of Wisconsin</i>
14.30-14.45	32. Targeting the ITS-1/5.8S/ITS-2 region of the nematode rDNA cistron using long-read nanopore sequencing to support more comprehensive flexible nemabiome metabarcoding <b>Eleonore Charrier</b> <i>University of Calgary</i>	37. A preliminary proteomic analysis of <i>Baylisascaris procyonis</i> larval excretory-secretory products <b>Vishnu Manikantan</b> <i>Purdue University</i>
14.45-15:15	<b>Coffee Break (Sponsored by AAVP)</b> Room: <b>Ballroom Lobby</b>	
15.15-16.15	<b>Session 7: Immunology</b> Room: <b>Ballroom 2 &amp; 3</b> Moderators: Roger Ramirez-Barrios & Kamilyah Miller	<b>Session 8: Drugs: <i>In vitro</i> &amp; Molecular Analysis</b> Room: <b>Ballroom 1</b> Moderators: Pablo Jimenez Castro & J.B. Collins
15.15-15.30	38. Analysis of cytokine profiles in domestic cats ( <i>Felis catus</i> ) infected with <i>Cytauxzoon felis</i> <b>Elliott Ziemann</b> <i>Eastern Illinois University</i>	42. Harnessing microbial ecology for broad-spectrum anthelmintic discovery <b>Mostafa Zamanian</b> <i>University of Wisconsin-Madison</i>

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Sunday, June 26, 2022 (continued)		
15.30-15.45	39. Observations on coinfections of <i>Brugia pahangi</i> and <i>Dirofilaria immitis</i> in the Mongolian gerbil ( <i>Meriones unguiculatus</i> ) <b>Michael Dzimianski</b> <i>University of Georgia</i>	43. High-throughput screening for anthelmintic drug discovery <b>Mostafa Elfawal</b> <i>UMass Chan Medical School</i>
15.45-16.00	40. Cytokine levels in dogs during <i>Dirofilaria immitis</i> infection and treatment <b>Ruth Scimeca</b> <i>Oklahoma State University</i>	44. Anthelmintic activity of macrocyclic lactones on parasitic flatworms <b>John Chan</b> <i>University of Wisconsin-Oshkosh</i>
16.00-16.15	41. Transcriptomics elucidates dynamic responses of cattle immune responses to new infections by the gastrointestinal parasite <i>Ostertagia ostertagi</i> <b>Mariam Bakshi</b> <i>USDA ARS</i>	45. Naturally occurring variation in <i>cyp-35D1</i> modifies <i>Caenorhabditis elegans</i> responses to thiabendazole <b>J.B. Collins</b> <i>Northwestern University</i>
16:15-16:45	NCVP Sponsored Sweet Treat Break Poster Pre-scoop: Ice Cream and Beverages	
16.45-17.15	Poster Promo Presentations Moderators: Grace VanHoy & Gui Gomes Verocai Room: <b>Ballroom 2 &amp; 3</b>	
17:15-18:30	Poster Session Room: <b>Ballroom Area</b>	
18.30-19:15	<b>Boehringer-Ingelheim Seminar</b> Moderator: <b>Doug Carithers</b> 46. Hard to believe dogs can survive live heartworms, harder to believe they can survive dead heartworms <b>Steve Jones</b> <i>American Heartworm Society (former president)</i> Room: <b>Ballroom 2 &amp; 3</b>	
19:30-21:30	<b>Boehringer-Ingelheim Sunday Night Social</b> Room: <b>Primrose</b>	

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Monday, June 27, 2022		
8.15-8.45	Light breakfast: morning social (Sponsored by AAVP) <b>Ballroom Lobby</b>	
8:45-10:00	CONCURRENT SCIENTIFIC SESSIONS	
8:45-10:00	<b>Session 9: Acari-Epidemiology</b> Room: <b>Ballroom 2 &amp; 3</b> Moderators: Jennifer Ketzis & Kristin McClung	<b>Session 10: Wildlife II</b> Room: <b>Ballroom 1</b> Moderators: Sheila Mitchell & Nichol Ripley
8.45-9.00	47. Surveillance of ticks and their pathogens in the Texas Panhandle <b>Ian Daniel</b> <i>Texas Tech University</i>	52. Are helminths of the Pacific walrus, <i>Odobenus rosmarus divergens</i> , an indicator of changing food web dynamics in the Arctic? <b>Justin Sanders</b> <i>Oregon State University</i>
9.00-9.15	48. Evaluation of brown dog ticks from across the United States for pathogens important to veterinary and public health <b>Megan Lineberry</b> <i>Oklahoma State University</i>	53. Survey of gastrointestinal nematodes in North American bison ( <i>Bison bison bison</i> ) using nemabiome in the United States, a 2022 update <b>William Johnson</b> <i>Kansas State University</i>
9.15-9.30	49. Effectiveness of two topical formulations of fluralaner (Bravecto® and Bravecto® Plus) against US isolates of Asian longhorned tick ( <i>Haemaphysalis longicornis</i> ) infestations on cats <b>Frank Guerino</b> <i>Merck Animal Health</i>	54. Survey of zoonotic parasites identified in feces of Canada geese ( <i>Branta canadensis</i> ) in North-Central Oklahoma <b>Yoko Nagamori</b> <i>Oklahoma State University</i>
9.30-9.45	50. The wild life of ticks: using passive surveillance to determine the distribution and host range of ticks and the exotic <i>Haemaphysalis longicornis</i> , 2010-2021 <b>Alec Thompson</b> <i>University of Georgia</i>	55. Investigation of the prevalence of <i>Toxoplasma gondii</i> in waterfowl in the United States <b>Nicole Szafranski</b> <i>University of Tennessee</i>
9.45-10.00	51. Influence of tick characteristics on the microbiome of <i>Dermacentor variabilis</i> from across the United States (US) <b>Kathryn Duncan</b> <i>Oklahoma State University</i>	56. Surveillance of <i>Borrelia burgdorferi</i> in white-footed mice ( <i>Peromyscus leucopus</i> ) in Pennsylvania <b>Cameron Sutherland</b> <i>Kansas State University</i>
10.00-10.30	<b>Coffee Break (Sponsored by the AAVP) Ballroom Lobby</b>	
10.30-12.00	<b>AAVP Business Meeting and Awards</b> AAVP Executive Committee, Student Officers, Corporate Sponsor representatives, and Awardees stay for pictures Room: <b>Ballroom 2 &amp; 3</b>	
12.00-13.30	Boxed lunch available after the meeting and take a walk outside	
12.00-13.30	<b>AAVP Students – Student Elections</b> <b>Snacks</b> <b>Sponsored by Virbac</b> Room: <b>Wasatch</b>	

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Monday, June 27, 2022 (continued)		
CONCURRENT SCIENTIFIC SESSION		
13.30-15.00	<p style="text-align: center;"><b>Session 11: Large Animal Diagnostics &amp; Control</b> Room: <b>Ballroom 2 &amp; 3</b> Moderators: Daniel Snyder &amp; Grace Perrin</p>	<p style="text-align: center;"><b>Session 12: Epidemiology</b> Room: <b>Ballroom 1</b> Moderators: Wade Burton &amp; Cameron Sutherland</p>
13.30-13.45	<p style="text-align: center;">57. Efficacy of phosphoethanolamine methyltransferases (PMTs) inhibitors against <i>Haemonchus contortus</i>: a potential new class of broad-spectrum anthelmintics <b>Leonor Sicalo Gianechini</b> <i>University of Georgia</i></p>	<p style="text-align: center;">62. Seasonality of <i>Amblyomma americanum</i> (Acari: Ixodidae) and pathogen prevalence in north central Oklahoma <b>Kristin McClung</b> <i>Oklahoma State University</i></p>
13.45-14.00	<p style="text-align: center;">58. Trends in occurrence of <i>Muellerius capillaris</i> among goats and sheep in NE USA and its clinical significance <b>Ranju Manoj</b> <i>Cornell University</i></p>	<p style="text-align: center;">63. Retrospective survey of parasites identified in feces of 7,409 client-owned dogs at Oklahoma State University from 2007 through 2018 <b>Yoko Nagamori</b> <i>Oklahoma State University</i></p>
14.00-14.15	<p style="text-align: center;">59. Metabarcoding of bovine <i>Eimeria</i> species using 18s rDNA and COI mtDNA markers <b>Venkateswara Rao Parimiseti</b> <i>University of Calgary</i></p>	<p style="text-align: center;">64. Parasite management in nonhuman primates in zoological parks and research facilities <b>Jennifer Ketzis</b> <i>Ross University</i></p>
14.15-14.30	<p style="text-align: center;">60. Retrospective evaluation of gastrointestinal nematodes in commercial North American bison herds: 2017-2021 at the Texas A&amp;M University Parasitology Diagnostic Laboratory <b>Kaylee Kipp</b> <i>Texas A&amp;M University</i></p>	<p style="text-align: center;">65. Prevalence of gastrointestinal parasites in free-roaming cats in Florida <b>Alice Lee</b> <i>University of Florida</i></p>
14.30-14.45	<p style="text-align: center;">61. <i>Cryptosporidium parvum</i> pyruvate kinase inhibitors with <i>in vivo</i> anti-cryptosporidial efficacy <b>Shahbaz Khan</b> <i>University of Illinois Urbana-Champaign</i></p>	<p style="text-align: center;">66. Morphological and molecular identification of Ixodid ticks from the Cumberland Gap Region of Appalachia <b>Mary Kabir</b> <i>Lincoln Memorial University</i></p>
14.45-15:15	<p style="text-align: center;"><b>Coffee Break (Sponsored by AAVP)</b> Room: <b>Ballroom Lobby</b></p>	
15.15-17.15	<p style="text-align: center;"><b>Session 13: Ectoparasite Control</b> Room: <b>Ballroom 2 &amp; 3</b> Moderators: Ann Donoghue &amp; Corinna Hazelrig</p>	<p style="text-align: center;"><b>Session 14: Diagnosis I</b> Room: <b>Ballroom 1</b> Moderators: David Elsemore &amp; William Johnson</p>
15.15-15.30	<p style="text-align: center;">67. Effects on mosquitoes fed blood from dogs following a single oral treatment with Bravecto® (fluralaner) <b>Andy Moorhead</b> <i>University of Georgia</i></p>	<p style="text-align: center;">73. The scoop on incubating poop: Effects of temperature and duration on strongylid larval yields in coproculture <b>Abigail Vetter</b> <i>University of Kentucky</i></p>
15.30-15.45	<p style="text-align: center;">68. Efficacy of a single oral dose of Simparica Trio® (sarolaner/moxidectin/pyrantel) in the prevention of <i>Borrelia burgdorferi</i> transmission from infected <i>Ixodes scapularis</i> to dogs <b>Kristina Kryda</b> <i>Zoetis</i></p>	<p style="text-align: center;">74. Little eggs, big data. Seasonal and regional trends in equine strongylid egg counting across the USA <b>Martin Nielsen</b> <i>University of Kentucky</i></p>

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15.45-16.00	69. Insecticidal activity of Simparica® and Simparica Trio® against <i>Aedes aegypti</i> in dogs <b>Sara Chapin</b> <i>Zoetis</i>	75. Diamonds in the intestinal roughage: Precision of luminal cyathostomin counts <b>Grace Perrin</b> <i>University of Kentucky</i>
16.00-16.15	70. Efficacy of Sarolaner in the treatment and prevention of induced infestations of <i>Haemaphysalis longicornis</i> in dogs <b>Jessica Rodriguez</b> <i>Zoetis</i>	76. Evaluation of contact hours and access to 3D digital slides on student performance of fecal egg counts in small ruminants <b>Sara Boggan</b> <i>Texas Tech University</i>
16.15-16.30	71. The efficacy of Simparica Trio® in the treatment of natural <i>Sarcoptes scabiei</i> and <i>Demodex canis</i> infestations in dogs <b>Kristina Kryda</b> <i>Zoetis</i>	
16.30-16.45	72. I feel the need, the need for speed, when killing ticks: Comparison of <i>Ixodes scapularis</i> speed of kill on dogs treated with Bravecto® Chews or Simparica® Trio <b>Kathryn Reif</b> <i>Kansas State University</i>	
17.15-18:00	<b>POSTER SESSION (informal session)</b> Room: <b>Ballroom Area</b>	
17.00-17:45	<b>DACVM Meeting</b> Room: <b>Ballroom 2 &amp; 3</b>	
18.00-18:45	<b>Antech Seminar</b> Moderator: Cathy Meeks 77. Identification of treatment-resistant canine hookworms and <i>Giardia</i> strains with zoonotic potential as part of a broad intestinal parasite PCR panel <b>Christian Leutenegger</b> <i>Antech</i> Room: <b>Ballroom 2 &amp; 3</b>	
19:00-21:00	<b>Antech Evening Social</b> Room: <b>Primrose</b>	

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Tuesday, June 28, 2022	
8.00-8.30	Light breakfast: morning social (Sponsored by AAVP) Ballroom Lobby
8:30-10.15	<b>PRESIDENT'S SYMPOSIUM: Veterinary Parasitology: Reaching New Heights</b>
8.30-10.15	<p style="text-align: center;"><b>PRESIDENT'S SYMPOSIUM</b> Moderator: Antoinette Marsh Room: Ballroom 2 &amp; 3</p> <p style="text-align: center;"><b>Announcement of Student Winners &amp; Introduction of Speakers (10 mins)</b></p> <p>78. Gastric organoids as a novel <i>in vitro</i> model to understand early events in ruminant gastrointestinal nematode infections <b>Tom McNeilly</b> (45 mins) <i>Moredun Research Institute, Midlothian, UK</i></p> <p>79. Recasting of intestinal epithelial cell fate by <i>Heligmosomoides polygyrus</i> and its secreted products <b>Marta Campillo Poveda</b> (45 mins) <i>University of Glasgow, UK</i></p> <p style="text-align: center;"><b>Student Award Winners! Please stay afterwards for group photo.</b></p>
10.15-10.45	<b>Coffee Break (Sponsored by AAVP)</b> Room: Ballroom Lobby
10.45-12.45	<b>AAVP-NCVP Parasite Case Discussions</b> Moderator: <b>Gui Verocai and Mani Lejeune</b> Boxed lunches for attendees following the session (sponsored by NCVP) Room: <b>Ballroom 2 &amp; 3</b>
12.45	Meeting adjourns – Happy Travels to You!
12.45	AAVP Students-Critical Manuscript Review Boxed lunches for students (sponsored by Virbac) Room: <b>Ballroom 1</b>

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**2022 AAVP PROGRAM  
POSTER PRESENTATIONS**

Please put up all posters in the **Ballroom Area** by Sunday morning (8:15 AM, 6/26/2022) and leave your poster up until the end of the Monday poster viewing session (6:00 PM, informal session). Plan to stand at your poster (formal judging for students) during the Sunday, 6/26/2022 afternoon poster social.

Sunday, June 26, 2022	
17:15-18:30	Poster Viewing
	80. Taxonomic confirmation and laboratory life history of <i>Ornithodoros tartakovskyi</i> <b>Pedro Cachu Cuevas</b> <i>University of Wisconsin-Oshkosh</i>
	81. A survey of piroplasms in white-tailed deer in the southeastern United States to determine their possible role as <i>Theileria orientalis</i> hosts <b>Alec Thompson</b> <i>University of Georgia</i>
	82. Survey of U.S. based veterinarian perceptions on canine hookworms <b>Sara Jessica Ochoa</b> <i>Kansas State University</i>
	83. Monitoring <i>Strongyloides</i> spp. infections in ruminant cases submitted to the New York State Veterinary Diagnostic Laboratory <b>Timothy Wu</b> <i>Cornell University</i>
	84. <i>Dirofilaria immitis</i> prevalence in shelter cats in south Texas <b>Ilana Mosley</b> <i>Texas A&amp;M University</i>
	85. The complete mitochondrial genomes of <i>Dermacentor albipictus</i> variants: phylogeny and diagnostic insights <b>Jeba Jesudoss</b> <i>Kansas State University</i>
	86. <i>In vitro</i> effects of phyto-medicine against <i>Ascaridia galli</i> <b>Muhammad Arfan Zaman</b> <i>University of Veterinary and Animal Sciences, Lahore (Jhang Campus)</i>
	87. Monitoring of ivermectin residues in bovine and pork tissues <b>Candela Canton</b> <i>Centro de Investigación Veterinaria de Tandil (CIVETAN)</i>
	88. Screening pipeline for gastrointestinal nematodes drug discovery <b>Emily Goetz</b> <i>UMass Chan Medical School</i>
	89. Assessing the prevalence of <i>Echinococcus multilocularis</i> and <i>Taenia</i> spp. in dogs <b>Joseph Wray</b> <i>Virginia Tech</i>
	90. Hunting dogs infected with <i>Trypanosoma cruzi</i> have a high prevalence of tick-borne co-infections <b>Joseph Wray</b> <i>Virginia Tech</i>
	91. <i>In vitro</i> fecundity predicts <i>in vivo</i> fecundity in the <i>Brugia pahangi</i> – Mongolian gerbil model <b>Teagan Janness Joring</b> <i>University of Wisconsin-Oshkosh</i>

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Sunday, June 26, 2022 (continued)	
17:15-18:30	Poster Viewing (continued)
92.	The cellular immune response to infection by <i>Dirofilaria immitis</i> larvae in the peritoneal cavity and peritoneal wall of the Mongolian jird ( <i>Meriones unguiculatus</i> ) <b>Elyssa Campbell</b> <i>University of Georgia</i>
93.	High prevalence of <i>Trypanosoma cruzi</i> in hunting dogs of Virginia and West Virginia: Preliminary results <b>Aida Pereyra Cruzado</b> <i>Virginia Tech</i>
94.	Prevalence of <i>Dirofilaria immitis</i> and <i>D. repens</i> in the Middle East and North Africa: A meta-analysis <b>Katie Izenour</b> <i>Auburn University</i>
95.	A Trichy decontamination situation: characterizing <i>Trichomonas gallinae</i> survival after disinfectant exposure <b>Morgan Simpson</b> <i>Lincoln Memorial University</i>
96.	Natural infection of <i>Trichinella</i> sp. in a domestic cat from Oklahoma <b>Tiana Sanders</b> <i>Oklahoma State University</i>
97.	Prevalence of gastrointestinal nematodes on Wyoming sheep operations compared to wild bighorn sheep <b>Md Ashraful Islam Bhuiya</b> <i>University of Wyoming</i>
98.	Diversity and prevalence of piroplasms in the genera <i>Babesia</i> , <i>Theileria</i> , and <i>Cytauxzoon</i> from Ixodid ticks in the Cumberland Gap Region <b>Nathan Turrell (Presented by Mary Kabir)</b> <i>Lincoln Memorial University</i>