

## 2017 AAVP PROGRAM ORAL PRESENTATIONS

CONFERENCE PROGRAM	
Saturday July 22, 2017	
8.00-13.15	<b>AAVP Executive Committee Meeting</b> <i>All AAVP officers and committee chairs please plan to attend</i> Room: <b>Panorama Ballroom (21<sup>st</sup> floor)</b>
12.00-13.00	<b>AAVP Student Member Meet and Greet – All Students Please Attend</b> Sponsored by Virbac Room: <b>Circle Center and East</b>
13.00-17.00	<b>CONFERENCE REGISTRATION</b> Room: <b>Meridian (Lower) Foyer</b>
13.15-14.00	<b>Break</b> (no refreshments)
14.00-16.30	<b>PLENARY SESSION: Veterinary Parasitology: The Climate Is Changing</b> Room: <b>Meridian West &amp; Center</b>
14.00-14.15	<b>Opening remarks</b> AAVP President: <b>Timothy G. Geary</b> AAVP President-Elect and Program Chair: <b>Dante Zarlenga</b>
14.15-16.30	<b>PLENARY SESSION</b> Moderator: <b>Dante Zarlenga</b>  1. A crucible of accelerating climate change <b>Eric Hoberg</b> <i>Animal Parasitic Disease Laboratory, ARS, USDA</i>  2. Within-host processes shape host heterogeneity and the impact of climate changes on parasitic infections <b>Isabella Cattadori</b> <i>Penn State University</i>  <b>2017 AAVP Distinguished Service Award</b> <b>William C. Campbell</b> <i>2015 Nobel Prize winner in Physiology or Medicine</i>
16.30-17.15	<b>Coffee Break (Lower (Meridian) Foyer)</b>
17.15-18.30	<b>AAVP AWARDS</b> Room: <b>Meridian West &amp; Center</b>
17.15-17.45	<b>2017 AAVP-Merck Animal Health Outstanding Graduate Student</b> Moderator: Lindsey Starkey  3. Geographic distribution of Lyme borreliosis in North America Awarded to <b>Brian Herrin</b>
17.45-18.30	<b>2017 AAVP-Boehringer-Ingelheim Distinguished Veterinary Parasitologist</b> Moderator: Doug Carithers Awarded to <b>Susan Little</b>
18.30-19.00	<b>Break</b> (no refreshments)
19.00-21.00	<b>Bayer Opening Night Social</b> Room: <b>Panorama Ballroom</b>

**American Association of Veterinary Parasitologists**  
**62<sup>nd</sup> Annual Meeting, July 22<sup>nd</sup> – 25<sup>th</sup> 2017, Indianapolis, Indiana, USA**

Sunday July 23, 2017		
7.00-8.30	<b>AAVP Committee Meetings</b> <b>(Breakfast <u>only</u> for those volunteering for/on committees - Sponsored by AAVP)</b> <b>Breakfast: 7:00-7:30 / Committee Meetings: 7:30-8:30</b> <b>Room: Panorama Ballroom (21<sup>st</sup> floor)</b>	
8.30-11.45	<b>CONCURRENT SCIENTIFIC SESSIONS</b>	
8.30-10.00	<b>Session 1: Drug Resistance:Nematodes</b> <b>Room: Meridian West and Center</b> <b>Moderators: T. Geary, M. George</b>	<b>Session 2: Immunology</b> <b>Room: Meridian East</b> <b>Moderators: J. Jacobs, W. Tuo</b>
8.30-8.45	4. Evaluation of in vitro microfilarial motility to reflect the resistance status of <i>Dirofilaria immitis</i> isolates to macrocyclic lactones <b>Adrian Wolstenholme</b> <i>University of Georgia</i>	10. Ovine-derived neutrophils preferentially form NETs in response to different life stages of <i>Haemonchus contortus</i> in vitro. <b>Javier Garza</b> <i>West Virginia University</i>
8.45-9.00	5. Using population genetics to explore the origins of macrocyclic lactone resistance in <i>Dirofilaria immitis</i> <b>Julie Sanchez</b> <i>University of Calgary</i>	11. Effects of ovine monocytes on <i>Haemonchus contortus</i> larvae in vitro reveal alternative activation state. <b>Elizabeth Shepherd</b> <i>West Virginia University</i>
9.00-9.15	6. <i>Dirofilaria immitis</i> JYD-34 isolate: whole genome analysis <b>Roger Prichard</b> <i>McGill University</i>	12. Ovine neutrophils rapidly produce Interleukin-4 (IL-4) in response to <i>Haemonchus contortus</i> larval antigen in vitro <b>Denzel Middleton</b> <i>West Virginia University</i>
9.15-9.30	7. Heartworm preventive drug 'lack of effectiveness' claims submitted to the FDA (2004-2015): an analysis of reports and further application <b>Cassan Pulaski</b> <i>Louisiana State University</i>	13. Antigenic epitopes of <i>Haemonchus contortus</i> third stage larval cuticle are recognized by antibody derived from parasite-resistant sheep. <b>Brynnan Russ</b> <i>West Virginia University</i>
9.30-9.45	8. Prevalence of gastrointestinal nematode resistance to avermectin anthelmintics on beef cattle operations in Georgia <b>Kelsey Paras</b> <i>University of Georgia</i>	14. Histopathologic Evaluation of Local Inflammatory Responses Surrounding Encysted Larval Cyathostomins in 36 Moxidectin and Fenbendazole Treated Ponies <b>Ashley Steuer</b> <i>University of Kentucky</i>
9.45-10.00	9. A 16-year retrospective analysis of anthelmintic resistance on small ruminant farms in the United States. <b>Sue Howell</b> <i>University of Georgia</i>	15. Histopathologic changes at the tick-host interface of <i>Amblyomma americanum</i> on tick-naïve domestic cats ( <i>Felis catus</i> ) <b>Jennifer Thomas</b> <i>Texas A&amp;M University</i>
10.00-10.30	<b>Coffee Break (Meridian (Lower) Foyer)</b>	
10.30-11.45	<b>Session 3: Parasite Control-1: Drug Therapy</b> <b>Room: Meridian West and Center</b> <b>Moderators: R. Kaplan, S. Iruqueta</b>	<b>Session 4: Molecular and Biochemical-1</b> <b>Room: Meridian East</b> <b>Moderators: A. Wolstenholme, J. Tipton</b>
10.30-10.45	16. Macrocyclic lactone (ML) anthelmintics lack meaningful in vitro activity against L3 and L4 stages of both ML-susceptible and ML-resistant <i>Dirofilaria immitis</i> <b>Pablo Jimenez Castro</b> <i>University of Georgia</i>	21. Utilizing next generation sequencing to discover highly repetitive DNA sequence targets for real-time PCR diagnosis of <i>Heterobilharzia americana</i> <b>Jessica Rodriguez</b> <i>Texas A&amp;M University</i>
10.45-11.00	17. Moxidectin and fenbendazole treatment of equine cyathostomins – adulticidal/larvicidal efficacy, egg reappearance period, and species composition. <b>Jennifer Bellaw</b> <i>University of Kentucky</i>	22. Does the benzimidazole drug fenbendazole have multiple targets in nematodes? <b>Susan Stasiuk</b> <i>University of Calgary</i>

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Sunday July 23, 2017 (continued)		
11.00-11.15	18. Emodepside: Activation of SLO-1 K currents in <i>Brugia malayi</i> and <i>Xenopus oocyte</i> expressed channels <b>Richard Martin</b> <i>Iowa State University</i>	23. The use of deep amplicon sequencing for wide-scale scanning of ovine parasitic nematode populations for benzimidazole resistance mutations <b>Camila Queiroz</b> <i>University of Calgary</i>
11.15-11.30	19. Selective therapy to control cyathostomins in Thoroughbred mares <b>Luciana Dias de Castro</b> <i>Universidade Federal do Paraná, Brazil</i>	24. Single Nucleotide Polymorphisms in immune gene transcripts are associated with T helper type 2 response in St. Croix sheep <b>Jesica Jacobs</b> <i>Emory University</i>
11.30-11.45	20. A one-herd evaluation of internal and external parasite controls on Arkansas stocker cattle. <b>Eva Wray</b> <i>University of Arkansas</i>	25. Defining global transcriptomic differences between different strains of <i>Haemonchus contortus</i> in the face of high levels of sequence polymorphism <b>John Gilleard</b> <i>University of Calgary</i>
12.00-13.00	<b>Zoetis Lunch Symposium</b> Moderator: <b>Tom McTier</b> Title: <b>Sarolaner: A Proven, Broad-Spectrum Oral Isoxazoline</b> Speakers: <b>Tom McTier, Joyce Login, Chris Adolph, Thomas Guerden, Steve Maeder</b> Room: <b>Meridian West and Center</b>	
	<b>AAVP Students – Lunch and Careers in Parasitology</b> Sponsored by <b>Virbac</b> Room: <b>Circle Center and East</b>	
13.30-16.45	<b>CONCURRENT SCIENTIFIC SESSIONS</b>	
13.30-15.00	<b>Session 5: Diagnosis-1: Mixed Species</b> Room: <b>Meridian West and Center</b> Moderators: K. Paras, K. Monti	<b>Session 6: Epidemiology-1: Protozoa</b> Room: <b>Meridian East</b> Moderators: Y. Nagamori, S. Ammar
13.30-13.45	26. Advancements in marine parasitology: optimization of diagnostic techniques and development of educational tools <b>Jacob Rodgers</b> <i>Colorado State University</i>	32. <i>Encephalitozoon cuniculi</i> survey in a dog breeding kennel <b>Karen Snowden</b> <i>Texas A&amp;M University</i>
13.45-14.00	27. Evaluation of the card agglutination test (CATT/ <i>T. evansi</i> ) for detection of <i>Trypanosoma evansi</i> infection in donkeys in Egypt. <b>Mosaad Hilali</b> <i>Cairo University</i>	33. <i>Toxoplasma</i> and <i>Sarcocystis</i> spp. cysts found in raw meat-based diets for cats and dogs <b>Paul A.M. Overgaauw</b> <i>Utrecht University</i>
14.00-14.15	28. Serological diagnosis of <i>Parelaphostrongylus tenuis</i> Infection <b>Jessie Richards</b> <i>University of Tennessee</i>	34. Investigation of the Potential Transmission of <i>Histomonas meleagridis</i> from Poultry Litter to Wild Turkeys <b>Richard Gerhold</b> <i>University of Tennessee</i>
14.15-14.30	29. A Niche and Lonely Endeavor: Investigating the cestodes of wild turkeys ( <i>Meleagris gallopavo silvestris</i> ) from Tennessee. <b>Kathryn Duncan</b> <i>University of Georgia</i>	35. Serologic detection of <i>Trypanosoma cruzi</i> infections in free-roaming feral and stray cats in Oklahoma. <b>Kelly Allen</b> <i>Oklahoma State University</i>
14.30-14.45	30. The value of PCR in the diagnosis of canine giardiasis <b>Meriam Saleh</b> <i>Virginia Tech</i>	36. Dog kennels as a nidus of infection: triatomine vector activity, <i>Trypanosoma cruzi</i> infection dynamics and Chagas disease cardiomyopathy in a central Texas dog kennel <b>Rachel Curtis-Robles</b> <i>Texas A&amp;M University</i>
14.45-15.00	31. Efficacy of the mini-FLOTAC, in the diagnosis of canine <i>Giardia</i> infection <b>Lauren Page</b> <i>Virginia Maryland College of Veterinary Medicine</i>	37. Infection of <i>Babesia conradae</i> in hunting greyhounds from Oklahoma <b>Mason Reichard</b> <i>Oklahoma State University</i>

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Sunday July 23, 2017 (continued)		
15.00-15.30	<b>Coffee Break (Meridian (Lower) Foyer)</b>	
15.30-16.45	<b>Session 7: Molecular and Biochemical - 2</b> Room: <b>Meridian West and Center</b> Moderators: J. Gilleard, C. Queiroz	<b>Session 8: Case Reports and Novel Findings</b> Room: <b>Meridian East</b> Moderators: T. McTier, M. Savadelis
15.30-15.45	38. Improved sampling for and determination of seasonal incidence of dog heartworm-infected mosquitoes <b>Phillip Kaufman</b> <i>University of Florida</i>	43. Case Report: Uncommon cause of dermatitis in a dog – <i>Pelodera</i> (syn. <i>Rhabditis strongyloides</i> ) infestation <b>Yoko Nagamori</b> <i>Oklahoma State University</i>
15.45-16.00	39. Molecular evidence for black flies ( <i>Simulium</i> spp.) as vectors of an uncharacterized <i>Onchocerca</i> species <b>Guilherme Verocai</b> <i>University of Georgia</i>	44. Case report: Fatal <i>Strongyloides stercoralis</i> infection in a 12-week-old puppy in Oklahoma, USA <b>Yoko Nagamori</b> <i>Oklahoma State University</i>
16.00-16.15	40. Inherent Oxidative Stress in Lewis Rat Mediates Resistance to Toxoplasmosis <b>William Witola</b> <i>University of Illinois at Urbana-Champaign</i>	45. Dermal microfilariae of <i>Cercopithifilaria bairdii</i> in a dog in south Florida: First report in the United States <b>Heather Walden</b> <i>University of Florida</i>
16.15-16.30	41. A unique plant-like nuclear kinase plays an essential role in acute toxoplasmosis <b>Raj Gaji</b> <i>Indiana University</i>	46. Associations between fecal egg count, presence of <i>Strongylus vulgaris</i> , and body score of feral horses on Fort Polk, Louisiana <b>Jennifer Cain</b> <i>University of Nebraska at Kearney</i>
16.30-16.45	42. Characterization of a ATP binding cassette transporter from <i>Toxocara canis</i> <b>Jeba Jesudoss Chelladurai</b> <i>Iowa State University</i>	47. Experimental transmission of an <i>Ehrlichia</i> spp. following exposure to <i>Amblyomma americanum</i> <b>Brian Herrin</b> <i>Oklahoma State University</i>
17.00-18.15	<b>Poster Viewing and Wine Social</b> <b>Sponsored by Ceva</b> Rooms: <b>Monument Suite &amp; Meridian (Lower) Foyer</b>	
18.15-18.30	<b>Break (no refreshments)</b>	
18.30-19.30	<b>Boehringer Ingelheim Seminar</b> Moderator: <b>Doug Carithers</b> Title: <b>A Practical Look at LONGRANGE® (eprinomectin): 3 Years Out</b> Speaker: <b>Dr. Tony Moravec</b> Room: <b>Meridian West and Center</b>	
19.30-21.30	<b>Boehringer Ingelheim Sunday Night Social</b> Room: <b>Panorama Ballroom</b>	

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Monday July 24, 2017	
Prior to 8:30	Breakfast on your own
8.30-10.00	<b>CONCURRENT SCIENTIFIC SESSIONS</b>
8.30-10.00	<p style="text-align: center;"><b>Session 9: Parasite Control-2: Natural Approaches</b>            Room: <b>Meridian West and Center</b>            Moderators: R. Prichard, P.D. Jimenez Castro</p>
8.30-10.00	<p style="text-align: center;"><b>Session 10: Diagnosis-2: Nematodes</b>            Room: <b>Meridian East</b>            Moderators: S. Howell, M. Saleh</p>
8.30-8.45	<p>48. Impact of a refugia-based strategy in stocker cattle on species diversity, pasture contamination, and development of resistance  <b>Ray Kaplan</b>  <i>University of Georgia</i></p>
8.30-8.45	<p>54. Comparison of Kato-Katz, mini-FLOTAC, and multi-parallel real-time polymerase chain reaction techniques for detection of soil-transmitted helminths in Feira de Santana, Brazil  <b>Ryan Avery</b>  <i>Louisiana State University</i></p>
8.45-9.00	<p>49. Evaluation of a refugia-based strategy in pastured stocker cattle treated with LongRange®  <b>Kelsey Paras</b>  <i>University of Georgia</i></p>
8.45-9.00	<p>55. The Propensity of Density: Determining Specific Gravity of Equine Parasite Eggs  <b>Jamie Norris</b>  <i>University of Kentucky</i></p>
9.00-9.15	<p>50. Effects of terminal sire breed on parasitism of crossbred market lambs in a hair sheep production system  <b>Andrew Weaver</b>  <i>Virginia Polytechnic and State University</i></p>
9.00-9.15	<p>56. Deep amplicon nemabiome sequencing reveals high species diversity and emerging benzimidazole resistance in gastro-intestinal nematode parasites of Canadian bison  <b>John Gilleard</b>  <i>University of Calgary</i></p>
9.15-9.30	<p>51. The enemy of my enemy is my friend: using a soil bacterium to kill parasitic nematodes  <b>Hanchen Li</b>  <i>University of Massachusetts Medical School</i></p>
9.15-9.30	<p>57. Antibody concentrations against gastrointestinal nematodes in adult beef cows from the prairie provinces of western Canada  <b>Felicity Wills</b>  <i>University of Saskatchewan</i></p>
9.30-9.45	<p>52. Evaluation of internal parasite resistance in terminal-sire sheep breeds infected with <i>Haemonchus contortus</i>  <b>Scott Bowdridge</b>  <i>West Virginia University</i></p>
9.30-9.45	<p>58. Evaluation of a smartphone based automated parasite egg counting system to the McMaster and Wisconsin methods  <b>Jessica Scare</b>  <i>University of Kentucky</i></p>
9.45-10.00	<p>53. Capture mechanisms of <i>Duddingtonia flagrans</i> on equine cyathostomin larvae  <b>Justin Blair</b>  <i>University of Delaware</i></p>
9.45-10.00	<p>59. Utilization of composite fecal samples for detection of anthelmintic resistance in gastrointestinal nematodes of cattle  <b>Melissa George</b>  <i>University of Georgia</i></p>
10.00-10.30	<b>Coffee Break (Meridian (Lower) Foyer)</b>
10.30-12.00	<p><b>AAVP Business Meeting &amp; Awards</b>            AAVP Executive Committee, Student Officers, Corporate Sponsor representatives, and Awardees stay for pictures            Room: <b>Meridian West and Center</b></p>
12.00-13.30	<p><b>AAVP Students – Lunch and Student Elections</b>            Sponsored by Virbac            Room: <b>Circle Center and East</b></p>
	<p><b>Bio-Techne Lunch Seminar</b>            Title: <b>Fecal Diagnostic Procedures: Past, Present and Future</b>            Speaker: <b>Byron Blagburn</b>            Room: <b>Meridian West and Center</b></p>

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Monday July 24, 2017 (continued)		
13.30-17.00	CONCURRENT SCIENTIFIC SESSIONS	
13.30-15.00	<b>Session 11: Parasite Control-3: Vaccines &amp; Widespread Studies</b> Room: <b>Meridian West and Center</b> Moderators: R. Martin, J. Richards	<b>Session 12: Epidemiology-2: Nematodes</b> Room: <b>Meridian East</b> Moderators: S. Bowdridge, R. Imai
13.30-13.45	60. Safety of a <i>Haemonchus contortus</i> vaccine (Barbervax) in camelids <b>Grace VanHoy</b> <i>Ohio State University</i>	66. Intestinal Nematode Prevalence in Dallas/Fort Worth Public Dog Parks: Free Fun but not Free of Worms <b>Kristina Stafford</b> <i>Elanco Animal Health</i>
13.45-14.00	61. Dose optimisation of a candidate vaccine against <i>Cryptosporidium parvum</i> infection <b>Karine Sonzogni-Desautels</b> <i>McGill University</i>	67. The prevalence and epidemiologic characteristics of canine <i>Baylisascaris procyonis</i> infections in the United States, 2013-2016. <b>Sarah Sapp</b> <i>University of Georgia</i>
14.00-14.15	62. <i>Eimeria</i> oocyst cycling patterns in commercial broilers reared in conventional or antibiotic free production. <b>Ryan Snyder</b> <i>University of Guelph</i>	68. Equine strongyle egg shedding patterns in the western region of the state of São Paulo, Brazil <b>Livia Ramires</b> <i>University of Western São Paulo</i>
14.15-14.30	63. Decreased dissolved oxygen as a possible mechanism of increased persistence of <i>Trichomonas gallinae</i> in the presence of organic material in water <b>Kathryn Purple</b> <i>University of Tennessee</i>	69. Observation of <i>Strongyloides westeri</i> burden in naturally infected foals at 4-8 months of age <b>Faith Miller</b> <i>University of Kentucky</i>
14.30-14.45	64. A statistical approach for evaluating the effectiveness of heartworm drugs: what does 100% efficacy really mean? <b>Ray Kaplan</b> <i>University of Georgia</i>	70. <i>Angiostrongylus cantonensis</i> in wild rats ( <i>Rattus rattus</i> ) and native and non-native terrestrial snails in Florida. <b>Heather Walden</b> <i>University of Florida</i>
14.45-15.00	65. In vitro efficacy of sarolaner against adult mosquitoes ( <i>Aedes aegypti</i> ) <b>Tom McTier</b> <i>Zoetis</i>	71. Gastrointestinal nematode prevalence and species composition in breeding-age heifers on Canadian dairy farms <b>Haley Scott</b> <i>Western College of Veterinary Medicine</i>
15.00-15.30	<b>Coffee Break (Meridian (Lower) Foyer)</b>	
15.30-16.45	<b>Session 13: Innovative Research</b> Room: <b>Meridian West and Center</b> Moderators: G. Verocai, J. Cain	<b>Session 14: Epidemiology-3: Ticks and Mix</b> Room: <b>Meridian East</b> Moderators: M. Reichard, N. Crilly
15.30-15.45	72. Bovine <i>Babesia</i> spp. Recovered after Almost Three Decades in Cryostorage and Comparison of Different Donors of Bovine Erythrocytes and Serum <b>Amer Alhaboubi</b> <i>Texas A&amp;M University</i>	77. Ticks from pet cats in the United States: species, stages, and patterns of infestation <b>Susan Little</b> <i>Oklahoma State University</i>
15.45-16.00	73. Cryogenic preservation of <i>Dirofilaria immitis</i> microfilariae, re-activation and subsequent development in the mosquito and vertebrate hosts <b>Erich Zinser</b> <i>Zoetis</i>	78. Morphological identification of ticks and detection of select tickborne pathogens in ticks collected in East Tennessee. <b>Nathan Crilly</b> <i>University of Tennessee</i>
16.00-16.15	74. Retrospective characterization of the <i>Brugia pahangi</i> lymphatic infection model in beagles <b>Michael Dzimianski</b> <i>University of Georgia</i>	79. Prevalence of internal parasitic infection in free-roaming cats in Oklahoma based on centrifugal fecal flotation <b>Yoko Nagamori</b> <i>Oklahoma State University</i>
16.15-16.30	75. Pharyngeal pumping in fourth stage larvae of <i>Haemonchus contortus</i> <b>Adrian Wolstenholme</b> <i>University of Georgia</i>	80. Detection of <i>Aeromonas salmonicida</i> in infected salmonid fish and their parasitic copepods <b>Natassia Ruse</b> <i>Oregon State University</i>

**American Association of Veterinary Parasitologists**

Monday July 24, 2017 (continued)		
16.30-16.45	76. <i>Pseudocapillaria tomentosa</i> in zebrafish, a model for nematode intestinal microbiome studies <b>Michael Kent</b> <i>Oregon State University</i>	81. Potentially zoonotic and non-zoonotic parasites in domestic dogs in rural, urban and First Nations communities across Ontario, Canada: Preliminary results from 17 study sites. <b>Rachel Imai</b> <i>University of Guelph</i>
17.00-18.15	<b>Poster Viewing and Wine Social</b> <b>Sponsored by Ceva</b> Room: <b>Monument Suite &amp; Meridian (Lower) Foyer</b>	
18.00-18.30	<b>Break</b> (no refreshments)	
17.30-18.30	<b>DACVM meeting Meridian East</b>	
19.00-21.00	<b>ELANCO Monday Night SOCIAL</b> Eli Lilly and Co. Headquarters Delaware and McCarty Streets	

Tuesday July 25, 2017	
8.30-10.00	<b>PRESIDENT'S SYMPOSIUM: VETERINARY PARASITOLOGY: THE CLIMATE IS CHANGING</b>
8.30-10.00	<p align="center"><b>PRESIDENTS SYMPOSIUM</b> Moderator: <b>Dante Zarlenga</b> <b>Announcement of Student Winners &amp; Introduction of Speakers</b></p> <p>82. Prospects for manipulating the genome of <i>Strongyloides</i> spp.: transgenesis via the male and female germlines and the advent of CRISPR/Cas9 gene disruption and editing.  <b>James Lok</b> <i>University of Pennsylvania</i></p> <p>83. Prioritizing parasite intervention targets using multi-omics computational approaches  <b>Bruce A. Rosa</b> <i>Washington University in Saint Louis</i> <i>McDonnell Genome Institute</i></p> <p align="center">Room: <b>Meridian West and Center</b> <b>Student Award Winners! Please stay afterwards for group photo.</b></p>
10.00-10.30	<b>Coffee Break (Meridian(Lower) Foyer)</b>
10.30-12.30	<b>AAVP-NCVP Parasite Case Discussions</b> Moderator: <b>Dwight D. Bowman</b> Boxed lunches for attendees (sponsored by NCVP)  Room: <b>Meridian East</b>
12.30-	<b>Meeting Adjourns – Happy Trails, to You!</b>
13.00 -	<b>AAVP Students – Elanco-Indianapolis Zoo Tour</b> Tuesday, July 25, 2017, 1:00 PM Students attending the tour of the Indianapolis Zoo should meet in the lobby of the Sheraton Indianapolis City Centre hotel by 1:00 p.m. on Tuesday, July 25. Afterwards, Elanco will provide dinner in downtown Indianapolis and rooms will be provided at a hotel near the Indianapolis airport.

## POSTER PRESENTATIONS

Please put up all posters in the Monument Suite by Sunday morning and leave your poster up until the end of the Monday poster viewing at 6:15 PM. Plan to stand at your poster during the afternoon wine and cheese poster social per the following schedule.

Posters 84-95 - Monument Suite, Sunday, July 23, 2017, 5:00 PM – 6:15 PM

Sunday July 23, 2017	
17.00-18.15	<b>Poster Viewing and Wine Social</b> Sponsored by CEVA Animal Health Monument Suite
<b>84.</b> Lack of prolonged benefit for a triple combined anthelmintic treatment and rotational grazing on an anthelmintic-resistant <i>Haemonchus contortus</i> population from a winter climate. Pratiksha Khanal, <i>South Dakota State University</i>	
<b>85.</b> Comparison of efficacies of topical eprinomectin, extended-release injectable eprinomectin, and a combination of extended-release injectable eprinomectin and fenbendazole in a population of gastrointestinal nematodes of cattle with known resistance to topical eprinomectin. Melissa George, <i>University of Georgia</i>	
<b>86.</b> The effect of monthly broad-spectrum anthelmintics on intestinal parasite egg shedding in dogs. Sandra Irurueta, <i>Ross University School of Veterinary Medicine</i>	
<b>87.</b> Development of a method for in vivo ruminal exsheathment of <i>Haemonchus contortus</i> L3 larvae. Katherine Petersson, <i>University of Rhode Island</i>	
<b>88.</b> <i>Ostertagia ostertagi</i> infection upregulates CD23 in abomasa and draining lymph nodes in cattle. Wenbin Tuo, <i>USDA Animal Parasitic Diseases Lab</i>	
<b>89.</b> <i>Ancylostoma caninum</i> nicotinic receptor, ACR-16, as a potential drug target for new anthelmintics. James Tipton, <i>Iowa State College of Veterinary Medicine</i>	
<b>90.</b> Does a potential endocytic motif in the calcium activated potassium channel SLO-1 of clade III nematodes affect its localization and function? Hester Swan, <i>University of Georgia</i>	
<b>91.</b> A Targeted Gene Knockdown System in <i>Cryptosporidium parvum</i> . Chi Yong Kim, <i>University of Illinois at Urbana-Champaign</i> ,	
<b>92.</b> Use of <i>Dirofilaria immitis</i> -infected and uninfected canine blood to determine mosquito-feeding preference. Lindsay Starkey, <i>Auburn University</i>	
<b>93.</b> Characterization of the effect of tetracycline antibiotics on the endosymbiont <i>Wolbachia</i> during canine heartworm treatment. Molly Savadelis, <i>University of Georgia</i> ,	
<b>94.</b> Viability of cryopreserved <i>Dirofilaria immitis</i> microfilariae Christopher Evans, <i>University of Georgia</i>	
<b>95.</b> Novel mRNA localization technique to visualize drug target expression in <i>Parascaris equorum</i> . Jeba Jesudoss Chelladurai, <i>Iowa State University</i>	

Posters 96-104 – Monument Suite Monday, July 24, 2017, 5:00 PM – 6:15 PM



**American Association of Veterinary Parasitologists**  
**62<sup>nd</sup> Annual Meeting, July 22<sup>nd</sup> – 25<sup>th</sup> 2017, Indianapolis, Indiana, USA**

Monday July 24, 2017	
17.00-18.00	<b>Poster Viewing and Wine Social</b> Sponsored by CEVA Animal Health Monument Suite
	<b>96.</b> Insights into the Impact of Spurious Eggs on Nematode Infection Status in Field Dogs: Percent Agreement of Fecal Dx (Hookworm, Ascarid, and Whipworm) to Egg Flotation Observations. David Elsemore, <i>IDEXX Laboratories, Inc.</i>
	<b>97.</b> Fecal survey for internal parasites of cats in eastern Virginia. Katelynn Monti, <i>VA-MD College of Veterinary Medicine</i>
	<b>98.</b> Demonstration of the Specificity of the Fecal Dx (Hookworm, Ascarid, and Whipworm Antigen) Assays. Jinming Geng, <i>IDEXX Laboratories, Inc</i>
	<b>99.</b> Descriptive findings from the analysis of fecal egg counts from beef cattle of the prairie provinces of western Canada between 2012 and 2014. Felicity Wills, <i>University of Saskatchewan</i>
	<b>100.</b> Phylogenetic Analysis and gis mapping of Rhipicephalus species of Ixodid Ticks of Cattle and Buffalo of District Eshawar Pakistan. Muhammad Imran Rashid, <i>University of Veterinary and Animal Sciences</i>
	<b>101.</b> Prevalence of <i>Toxoplasma gondii</i> in mourning doves ( <i>Zenaida macroura</i> ) from eastern Tennessee. Sawsan Ammar, <i>University of Tennessee</i>
	<b>102.</b> Investigation of the prevalence and distribution of <i>Echinococcus multilocularis</i> in wild canids in Ontario, Canada. Jonathon Kotwa, <i>Ontario Veterinary College</i>
	<b>103.</b> Epidemiological risk factors and prevalence of anti-antibodies to <i>Neospora</i> spp. in Donkeys from Punjab province, Pakistan, Muhammad Nazir, <i>Bahauddin Zakariya University, Pakistan</i>
	<b>104.</b> <i>Sarcocystis neurona</i> : advances in life cycle manipulation. Michelle Carman, <i>Ohio State University</i>
	<b>105.</b> Anthelmintic efficacy of two commercially products against equine cyathostomin (Nematoda: <i>cyathostominae</i> ) was examined using FLOTAC. Bruno Henrique Leal e Silva Alves, <i>Universidade Fedreal Rural de Pernambuco, Brazil</i>