AAVP Newsletter

American Association of Veterinary Parasitologists

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IN THIS ISSUE

FROM THE PRESIDENT 2

Annual conference for sharing research and educational innovations 2
Support to students interested in veterinary parasitology 2
Bi-annual educators symposium 2
Electronic discussion forums 2
Veterinary publications 2
Speakers and programs to veterinary professional meetings 3

FROM THE SECRETARY/TREASURER 3

2013 Dues 3

2013 MEETING OF THE AAVP 4

Message from the Program Committee 4

GENERAL MEETING INFORMATION 5

Annual meeting webpage 5
Registration 5
2013 Registration Fees 5
Meeting Location 5
Scientific Program 7
Call for Abstracts 8
Abstract format 9
Presentation Guidelines 9
Audiovisual Support 9

COMMITTEE REPORTS 10

Nomination Committee 10
Awards Committee 10
AAVP-Merial Distinguished Veterinary Parasitologist Award 11
AAVP Distinguished Service Award 11
AAVP-Merck Outstanding Graduate Student Award .11
AAVP-CAPC Graduate Student Award in Zoonotic Disease 11
AAVP Young Investigator Travel Grants 11
AAVP-Bayer Best Student Paper Presentation Awards 11

CATCHING UP WITH LORA BALLWEBER – THE FIRST OUTSTANDING GRADUATE STUDENT AWARD WINNER 12

IN MEMORIAM: ROBERT L. RAUSCH, D.V.M., PH.D., PROFESSOR EMERITUS (1921 - 2012) 13

AAVP STUDENT OPPORTUNITIES 14

Zoetis Tour 14
AAVP Student Chapter Formation 15

CONGRATULATIONS TO AAVP STUDENT AWARD RECIPIENT AT 2012 CRWAD 15

FUTURE PARASITOLOGY MEETINGS 16

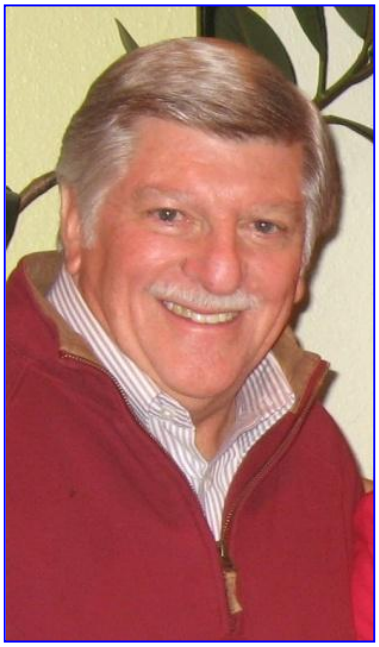
Future meetings of the AAVP 16
The Southeastern Society of Parasitologists 16
57th Livestock Insect Workers' Conference 16
The American Society of Parasitologists (ASP) 2013 16
American Society of Tropical Medicine & Hygiene (ASTMH) 2013 16
World Association for the Advancement of Veterinary Parasitology 16

NOMINEE BIOGRAPHIES 17

Nominees for Vice President 17
Ray Kaplan 17
Tom Yazwinski 18
Nominees for Nomination Committee 19
Timothy Geary 19
Daniel K. Howe 20
Kevin R. Kazacos 21
Andy Moorehead 22

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.

From the President



Alan A. Marchiondo, AAVP President

Dear AAVP members and colleagues:

A year ago in this newsletter, Dr. Patrick Meeus, our current Past-President, communicated the AAVP motto and mission statement to the membership. Now that the mission statement is prominently displayed on the AAVP website homepage, I want to update you on our progress to accomplish the plans and activities of our mission in 2013.

Annual conference for sharing research and educational innovations

The 2013 AAVP mid-year meeting was held 7-9 February at the The Curtis Hotel (venue for the 2014 annual meeting) in Denver, CO. Due to the nor'easter, our program chair, Dr. Dwight Bowman, was not able to attend, but participated by teleconference to discuss his program plans for the 2013 annual meeting in Chicago, 20-23 July, at the Westin River North. More detailed information on the program and registration is provided in other sections of the newsletter. Since the annual meeting in San Diego, the Executive Board has held bimonthly teleconference meetings to prepare for the mid-year meeting, which paid off by cutting down the meeting time in Denver.

Support to students interested in veterinary parasitology

Our student representatives, Brian Herrin and Melissa Beck, are planning student activities and luncheons for the annual meeting, including a Meet & Greet / Lab Session on Saturday (20 July), election of a 2014 Student Representative / Student Chapters (21 July), and a Career Speed Dating Session (22 July). Brian and Melissa have provided information in this newsletter on the formation of student chapters and will provide an update on chapters during the annual meeting. AAVP will be supporting student attendance and participation through the Young Investigator Grants, and Dr. Doug Carithers has provided information in this newsletter on applications and submission procedures. Student support for 2013 was $12,087 in travel grants, which was about twice the amount AAVP receives from book royalty and proceedings sales.

Bi-annual educators symposium

Dr. Gary Conboy is organizing the 2013 Educators Symposium. CAPC has generously provided financial support for the hotel accommodations, and AAVP will continue to provide travel grant support for attendees.

Electronic discussion forums

The AAVP Listserv, website, and Facebook continue to serve as the primary electronic discussion outlets for AAVP. Dr. Tariq Qureshi, Chair of the Publications Committee, is learning the operational mechanics of the website in order to disseminate information, conduct polls, and host discussion groups. Student utilization of the Facebook page will be enhanced by a more prominent link location on the AAVP website. Again, I encourage and challenge the committee chairs and members to work toward their 2013 goals, published in the October 2012 issue of the newsletter, by utilizing the electronic options available through AAVP.

Veterinary publications

Dr. Lora Ballweber and the Outreach Committee are drafting a manuscript on fecal egg counting methods. I have been working with the Center of Veterinary Medicine and the speakers of the Antiparasitic Drug Use and Resistance in Ruminants and Equines, CVM Public Meeting, 5-6 March, 2012, to publish a special issue in Veterinary Parasitology. Drs. Anne Zajac, Gary Conboy and I have been working on the first of six parasite egg posters. The first poster on equine parasites will be given to registrants at the annual meeting in Chicago.

Speakers and programs to veterinary professional meetings

A program initiative Dr. Dwight Bowman explored last year was the establishment of AAVP-sponsored sessions at annual meetings of related parasitology and veterinary organizations. Reciprocal professional organization presentations are part of the initiative and Dwight has organized an American Society of Parasitology (ASP) session during our 2013 meeting. AAVP is planning to sponsor a session at the 2014 Student American Veterinary Medical Association (SAVMA) Symposium and the ASP annual meeting. For the first time, the American College of Veterinary Microbiologists, the certification body for the specialty of veterinary parasitology, will hold a symposium during the our annual meeting. More on this symposium will be provided in the June newsletter. The Outreach/Research Committee is developing a speaker list for scientific meetings to better develop and maintain relationships with related societies, producer groups, and industry.

Overall, I am pleased with our progress and look forward to our efforts to advance veterinary parasitology through research and education. Thank you for joining me in working within AAVP for a successful 2013. Do not hesitate to contact me with further suggestions for elevating the prominence and stature of AAVP.

Respectfully submitted by Alan A. Marchiondo, AAVP President
Advancing veterinary parasitology through research and education

From the Secretary/Treasurer

2013 Dues

Bob Arther, Secretary/Treasurer AAVP

During the AAVP meeting in San Diego last August the membership agreed to transition AAVP finance reporting from an Oct. 1st to Sept 30th fiscal year, to a Jan. 1st to Dec. 31st calendar year schedule. For 2013, membership fees were due on Jan 31st. Currently 153 regular members plus 25 student members have paid their 2013 dues. In addition, AAVP has 29 emeritus members. Thanks to everyone who are current for their 2013 dues.

For those who have not yet paid 2013 dues you can log onto the AAVP web site (www.aavp.org) for payment using Pay Pal. You can also pay membership fees by sending a check payable to AAVP to my address below. Regular membership dues are $40.00/year and student dues are $10.00/year. Members who are behind in their dues are in jeopardy of being deleted from the membership directory and are ineligible for membership benefits. For those who prefer to pay by mail, Membership Renewal and the New Membership Application forms are available on the AAVP website http://www.aavp.org/aavp-membership-options/.

Please pass along a copy of the New Member Application form to colleagues or students who are interested in joining AAVP.

Members in good standing may also purchase an online subscription to Veterinary Parasitology for an additional $40.00 per year. Please contact me if you have further questions about your dues status.

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Submitted by Dr. Bob Arther, Secretary/Treasurer AAVP.

2013 Meeting of the AAVP

Message from the Program Committee

Dear Colleagues,

The American Association of Veterinary Parasitologists (AAVP) will hold the 58th Annual Meeting on July 20th – 23rd, 2013 in Chicago, IL. The meeting promises to deliver a very exciting program and will bring together scientists from academia, industry, government as well as private practitioners. With the growing concerns around parasiticide resistance, the changing regulatory environment, and the launch of many new products for the control of pests and parasites, there has never been a better time to attend this meeting.

The 2013 Program Chair, Dwight D. Bowman, and the Program Committee, Andrew Peregrine, Alan Marchiondo, Patrick Meeus, Bob Arther, Brian Herrin, and Melissa Beck are currently assembling the scientific program. The theme of this year's meeting is "Now and Tomorrow". Special sessions will focus on approaches to the use of modern imaging methodologies to observe parasites, guidelines for future parasiticide development, and building through teamwork. This year will include the first of what we hope will be a long-term joint educational session of the American Association of Veterinary Parasitologists and the American Society of Parasitologists and will also include breakfast sessions to discuss the VICH guidelines for determining the efficacy of anthelmintics. As always the meeting will include the student sessions and competition, updates and recent work in veterinary parasitology as it relates to treating animals with parasites and the prevention of parasitic infections and infestations. Special lunchtime meetings are being developed for student interactions with established workers in different fields of parasitology and to allow the students to get to know each other and the other members of the Association. We will once again be hosting the Board Meeting of the American College of Veterinary Microbiologists (ACVM) that has now already offered its first board specialty examination in Parasitology, and also for the first time, we will offer a joint session with ACVM to strengthen our relationship with our new partner.

Updates to the program, as it continues to develop, can be found at the AAVP web site: http://www.aavp.org/.

The program will include the plenary session of invited speakers and presentation of the AAVP-Merial Distinguished Veterinary Parasitologist Award on Saturday afternoon.

Students will have a series of excellent opportunities this year. There will be three student lunches: Saturday, prior to the opening session there will be a student Meet and Greet and a wet lab, a lunch meeting on Sunday for the election of student officers, and a lunch meeting on careers in parasitology to be held on Monday. There will also be the student presentation competition with presentations occurring on Sunday. There has also been an invitation from Zoetis to the students to visit their research facility in Kalamazoo, MI, the evening and day after the annual meeting in Chicago. There should be funds for 10 or so students to travel to Kalamazoo on Tuesday afternoon from Chicago, an evening meal and lodging (students will have to arrange their own travel back to Chicago if needed, or plan to leave directly from Kalamazoo).

There will again be a meeting of the committees on Sunday morning to go over the past year's actions, new proposals, and preparation for committee reports to the AAVP membership at the business meeting on Monday. Again, the committee chairs are: Archives, Dr. Nolan; Awards, Dr. Carithers, Constitution and Bylaws, Dr Davis; Education, Dr. Conboy; Finance, Dr. Moorhead; History, Dr. Roncali; Newsletter, Dr. Edmonds, Program, Dr. Peregrine; Publications-Internet, Dr. Qureshi; Outreach, Dr. Ballweber.

Socials will be held each evening sponsored by Bayer on Saturday night, Merial on Sunday night, and Elanco on Monday night. Novartis will also be hosting a special session on Sunday.

This year AAVP will also be presenting an AAVP Equine Fecal Diagnostic Stage Poster with images from the 8th edition of Veterinary Parasitology, and additional copies will be offered at the cost of $6.00 (+ shipping and handling).

The Program Committee now invites abstracts for oral presentations. The submission portal opens on April 19th, 2013 and **closes on May 31st, 2013**. The meeting of the AAVP is a very successful vehicle for the dissemination of the latest data and views on the biology and control of parasites of veterinary importance. We hope you will consider presenting a paper or simply joining us in Chicago this summer.

Sincerely,
Dwight D. Bowman, Program Chair and President-Elect

General Meeting Information

Annual meeting webpage

We have created a single portal for this year's meeting, which will be accessible from our http://www.aavp.org/ website. It will provide a single site for abstract submission, registration, student travel grant applications, program updates, and general meeting information. Look for the portal to open on April 19th, 2013.

Registration

It is highly recommended that you pre-register for the Chicago meeting. Final acceptance of an abstract will be dependent on a completed registration. You can register by clicking on the link below, on-line at http://www.aavp.org/, or submitting a paper copy of the pre-registration form to the Secretary/Treasurer with the registration fee no later than June 19, 2013 (same deadline as AAVP reduced hotel rate). On-line payments can be completed by credit card (Visa, MasterCard or American Express). Mail-in registrations (form provided at http://www.aavp.org/aavp-membership-options/) can only be paid by check.

2013 Registration Fees

Pre-registration: US $150.00 (general) / US $75.00 (student)
Late (post June 19, 2013) or On-site registration: US $200.00 (general) / US $100.00 (student)

The AAVP meeting registration fee supports the cost of running the meeting. Hotel reservations are separate and need to be booked directly with the hotel, as outlined below in the “meeting location” section. AAVP annual membership dues are not included in this fee, and can be paid separately during the registration process. Also, the AAVP conference is separate and unrelated to the AVMA (American Veterinary Medical Association) conference held in Chicago at the same time. You will receive a confirmation of your pre-registration if received prior to June 19th. The Proceedings (with abstracts), meeting badge and other information will be distributed on-site. These items will not be mailed in advance of the meeting even if you pre-register. AAVP membership is not required for meeting registration, but highly encouraged. However, students must be AAVP members to apply for an AAVP student travel grant and compete in the AAVP student award competitions. A new AAVP member application form is provided on the AAVP website http://www.aavp.org/aavp-membership-options/.

Meeting Location

The 2013 hotel venue is: The Westin Chicago River North, 320 N. Dearborn Street, Chicago, IL 60654, 312-744-1900, http://www.westinchicago.com/. The Westin Chicago River North offers a full spectrum of services. The hotel is located on the Chicago River in the River North neighborhood. The River North neighborhood of Chicago is aptly named as it can be found straddling the Chicago River located just north

of Chicago's inner "Loop" and slightly west of the city's famed Michigan Avenue. This Chicago enclave is a chic, cultural hub brimming with art galleries, antique stores, boutiques, theaters and fantastic restaurants. You'll be able to find plenty of things to do when not listening to papers.

If coming by air, the GO Airport Express Shuttle is available for $24 to $29 one way (depending on the airport). The Blue Line train from O'Hare Airport or Orange Line train from Midway Airport is handy alternatives and cost $2.25 one way http://www.transitchicago.com/.

The CTA Blue Line provides service directly into O'Hare Airport. The fully-accessible O'Hare Station is situated in the lower level concourse, which connects Airline Terminals 1, 2 and 3, and is conveniently accessed from Terminal 5 by free, frequent airport shuttle trains. The Blue Line from O'Hare leaves every 7-12 minutes depending on the time of day http://www.transitchicago.com/blueline/ From O'Hare take Blue Line L train and get off at Clark /Lake stop, an approximately 30-40 minute ride depending on the time of day. From Clark/Lake L stop walk to 320 Dearborn St., a 0.2 miles walk.

For Midway, Orange Line train service operates from Midway (on the southwest side of Chicago) to downtown via elevated tracks. The normal travel time to downtown from Midway is 20-25 minutes. Service operates all day, every day, except during overnight hours (roughly 1 am to 4am) or after 11 pm on Sundays. The fully-accessible Midway station is situated just east of the airport terminal building and is connected to the airport via an enclosed walkway. Follow the signs to "CTA Trains" or "Trains to City" from the airport. An orange line painted on the ground will guide you there. http://www.transitchicago.com/orangeline/. Take the Clark/Lake exit and walk to 320 Dearborn St, a 0.2 mile walk.

If coming by car:

1. **Coming from the North on I-90 (Kennedy)** Take I-90 East and exit at Ohio Street which is one-way going east. Drive five (5) blocks to Clark Street. Turn right and drive four (4) blocks. The Westin Chicago River North is on the left just past Kinzie Street.
2. **Coming from the South on I-94 (Dan Ryan)** Take I-94 West and exit Ohio Street which is one-way going east. Drive five (5) blocks to Clark Street. Turn right and drive four (4) blocks. The Westin Chicago River North is on the left just past Kinzie Street.
3. **Coming from the North on Lake Shore Drive** Take Lake Shore Drive South and exit on Grand Avenue going West. Drive nine (9) blocks to Clark Street and turn left. Drive three (3) blocks and The Westin Chicago River North is on the left just past Kinzie Street.
4. **Coming from the South on Lake Shore Drive** Take Lake Shore Drive North and exit on Grand Avenue going West. Drive nine (9) blocks to Clark Street and turn left. Drive three (3) blocks and The Westin Chicago River North is on the left just past Kinzie Street.
5. **Coming from the South on I-55 (Stevenson)** Take I-55 North to Lake Shore Drive. Take Lake Shore Drive (North) and exit on Grand Avenue going west. Drive nine (9) blocks to Clark Street and turn left. Drive three (3) blocks and The Westin Chicago River North is on the left just past Kinzie Street.
6. **Coming from the West on I-290 (Eisenhower)** Take I-290 East to Columbus Drive. Take Columbus Drive North to Grand Avenue. Turn left and drive six (6) blocks to Clark Street and turn left. Drive three (3) blocks and The Westin Chicago River North is on the left just past Kinzie Street.

The links for making hotel reservations will be on the American Association of Veterinary Parasitologists (AAVP) website. You can also call the Westin Chicago River North at either 1-800-233-4100 or 1-312-836-5499. Inform the reservation agent that you are attending the AAVP conference. Conference rooms have been set aside and the hotel has offered a special room rate of $199.00 per night plus 16.4% taxes (Extra person charge, $30 per night. Children under 18 years of age may stay for free in their parents' room using existing bedding. It is important for all meeting attendees to stay at this hotel in order to satisfy our room block commitment. Make your room reservations by June 19th, 2013. After that date the room block will be released, and the special conference reduced rate will expire.

Students looking for a room share should contact Brian Herrin, brian.h.herrin@gmail.com or Melissa Beck, m.beck@uleth.ca.

Scientific Program

The 2013 program continues many of the previous meeting schedules and a few new twists which we believe will enhance an already fun, effective veterinary parasitology meeting.

Immediately following the President's opening remarks on Saturday afternoon, the plenary session will open with a symposium on "Modern Imaging Modalities and Parasitology". The plenary session speakers currently include: Dr. Margret (Meg) S. Thompson, DACVR, Section Chief Imaging, Cornell University, who will present case studies of diagnostic imaging of parasitic diseases; Dr. Margret (Meg) S. Thompson, DACVR, Section Chief Imaging, Cornell University, who will present case studies of diagnostic imaging of parasitic diseases. Dr. Marc S. Kraus, DACVIM Internal Medicine and Cardiology, Clinical Sciences, Cornell University, will present a teaching module on a case of stage 2b heartworm disease treated with adulticide therapy. Dr. Alice Lee, Department of Microbiology and Immunology, Cornell University, NCVP Fellow in Parasitology, will present imaging of gastrointestinal parasites using different endoscopic modalities.

On Sunday and Monday mornings, two rooms are being set aside for discussion of the International Cooperation on Harmonization of Technical Requirements for Registration of Veterinary Medicinal Products (VICH) guidelines for anthelmintic efficacy determination. One group each day will discuss companion animal parasites and one group will discuss parasites of ruminants and horses. There will be two chairs for each meeting. On Sunday morning committee meetings will again be held.

This year, the committee meetings will be followed by an AAVP-ASP joint one-hour presentation on "Gregarines and *Cryptosporidium*." The presenters will be Dr. John Janovy, Jr. (http://biosci.unl.edu/john-janovy), Professor Emeritus, at the University of Nebraska, Lincoln, who will provide the AAVP membership an overview of the gregarines. Dr. Janovy's research has focused on problems of parasite ecology, with a focus on processes that determine the distribution and numbers of symbiotic organisms among host species. Dr. Janovy is the president elect of the American Society of Parasitologists and well known as the author of the standard textbook of general parasitology, *Foundations in Parasitology*. He is also the author of many other books dealing with parasitology and the ecology of parasitism, including: *Keith County Journal, Yellowlegs, On Becoming a Biologist, Ten Minute Ecologist: twenty answered questions for busy people facing environment issues, Teaching in Eden: the Cedar Point Experience*, *and Pieces of the Plains: Memories and Predictions from the Heart of America*. Dr. Janovy will be joined by Dr. John R. Barta of the Department of Pathobiology of the Ontario Veterinary College, University of Guelph (http://www.ovc.uoguelph.ca/path/people/faculty/jbarta.cfm). Dr. Barta studies the biology and relationships of the Apicomplexan protists with specific interests in phylogeny, host cell invasion, soluble factors in the immunization of hosts, and the effects of various immunization routes on host protection. These two should provide interesting thoughts relative to *Cryptosporidium* and how it relates the world of other Apicomplexan parasites.

After the AAVP-ASP joint session, there will be the AAVP-Merck award presentation. This will be followed by the presentation of the AAVP-Merck award winner. Then, come the student presentations, and all veterinary parasitology students are encouraged to present their research in what many consider to be one of the most important sessions of the meeting.

On Tuesday morning will be the President's Symposium, and this year the topic will be *Besnoitia*. The presenters will include Dr. Sally Ness, Resident in Large Animal Internal Medicine, Cornell University, on the ongoing outbreaks of besnoitiosis in American donkeys, Dr. David Lindsay, Professor of Parasitology, Department of Biomedical Sciences, Virginia-Maryland Regional College of Veterinary Medicine, on the biology and immunodiagnosis of *Besnoitia*, and Dr. Phillipe Jacquiet, École Nationale Vétérinaire de

Toulouse, France, will discuss the ongoing problem with besnoitiosis in Europe, potential modes of transmission, and need for control.

Throughout the meeting there will be plenty of opportunities for you to share and to learn about results of research from a variety of veterinary parasitology laboratories. We will also continue the popular session dedicated to interesting cases. And, of course, there are the outstanding social events! A preliminary schedule of events is listed below.

Saturday, July 20
8:00 AM – 12:00 PM: AAVP Executive Board/Committee Chairs Meeting
12:00 PM – 1:30 PM: Student Chapter Report / Student Meet & Greet; wet lab
1:00 PM – 6:00 PM: On-site Registration
1:30 PM – 4:00 PM: Welcome and Plenary Session
4:00 PM – 5:00 PM: AAVP-Merial Distinguished Veterinary Parasitologist Award
6:00 PM – 7:00 PM: Bayer Sponsored Symposium
7:00 PM – 9:00 PM: Bayer - Welcoming Reception

Sunday, July 21
7:00 AM – VICH Guideline discussion – large animal group
8:00 AM – 6:00 PM: On-site Registration
8:00 AM – 9:00 AM: AAVP Committee Meetings
9:00 AM – 9:45 AM AAVP-ASP Joint Session
10:00 AM – 10:30 AM AAVP Merck Student Award Presentation
10:30 AM – 12:00 PM Student Presentations – Concurrent Oral Paper Sessions
12:00 PM – 1:00 PM: Lunch for Members on your own
12:00 PM – 1:00 PM: AAVP Graduate Student Luncheon, Election
1:00 PM – 2:00 PM Novartis Sponsored Symposium
2:00 PM – 3:15 PM Student Presentations - Concurrent Oral Paper Sessions
3:15 PM – 5:00 PM Student Presentations – Concurrent Oral Paper Sessions
6:00 PM – 7:00 PM: Merial Sponsored Symposium
7:00 PM – 9:00 PM: Merial - Social Event

Monday, July 22
7:00 AM – VICH Guideline discussion – small animal group
8:00 AM – 12:00 PM: On-site Registration
8:00 AM – 10:00 AM: AAVP Business Meeting /Awards Ceremony
10:30 AM – 12:00 PM Concurrent Oral Paper Sessions
12:00 PM – 1:00 PM: Lunch on your own / AAVP Student Lunch: Speed Dating - Careers in Parasitology
1:00 PM – 2:00 PM: Scynexis Sponsored Symposium
2:00 PM – 3:15 PM: Concurrent Oral Paper Sessions
3:30 PM – 5:15 PM: Concurrent Oral Paper Sessions
5:00 PM – 6:00 PM ACVM Diplomat meeting
6:00 PM – 7:00 PM: Elanco Sponsored Symposium
7:00 PM – 9:00 PM: Elanco - Social Event

Tuesday July 23
8:00 AM – 9:45 AM: AAVP President's Symposium
10:00 AM – 11:00 PM: ACVM-AAVP Joint Symposium

Call for Abstracts

Abstracts must follow the format outlined below and be uploaded to our abstract submission website by May 31st, 2013. The submission portal allows you to submit your abstract at any time and still make changes until 11:00 PM on May 31st, so no need to wait until the last second to upload your abstract! If you have any

questions do not hesitate to contact the Program Chair, Dwight Bowman ddb3@cornell.edu. Also remember, final acceptance of your abstract is contingent on confirmation of receipt of the registration fee.

Abstract format

Arial 11 pt font; 1.25 inch left and right margins; align text left (see example). Bold, lower case title followed by non-bold authors names (full first name, middle initial, last name) and institutional affiliations. Department, College/University or Company, City, State/Province (see example). Indicate each author's institutional affiliation with corresponding superscript numbers if more than one institution is involved in the project (see example). Indicate the presenting author with an asterisk (*) (see example). Insert a full line (hard return) between the institutions and the beginning of the body of the abstract (see example). Abstracts may not contain tables and are limited to 300 words (not including title, authors' names, and institutions).

Example:

Experimental *Cystoisospora canis* (syn. *Isospora canis*) infections in beagles and mice. Sheila M. Mitchell[1]*, Anne M. Zajac[1], Sam Charles[2], David S. Lindsay[1]. [1]Department of Biomedical Sciences and Pathobiology, Virginia Tech, Blacksburg, VA, and [2]Bayer HealthCare Animal Health, Shawnee Mission, KS.

Canine coccidiosis caused by *Cystoisospora canis* or members of the *C. ohioensis* complex can be a serious intestinal disease in young dogs. Much of the parasitology literature indicates that experimentally-infected dogs are resistant to clinical coccidiosis… (300 word maximum)

Presentation Guidelines

All presentations will be oral and will be given a 15 minute time slot. Plan to deliver your presentation in 12-13 minutes to allow time for questions. Please remember to summarize and repeat questions before responding so that the audience can clearly hear and understand.

Student presentations, if designated as such on the abstract submission, will be grouped together as much as possible to provide a lower pressure environment for presenting and to allow the judges of the student competition to attend all presentations without too many conflicts.

Audiovisual Support

Electronic presentations on commonly-used portable media (memory stick/USB JumpDrive, CD) must be used. AAVP will provide equipment in each meeting room for projected computer presentations; there is no need to bring a personal laptop. Files must be placed on the computer prior to the start of your session. Sessions include several successive papers, so please plan to arrive before the entire session begins and not just before your presentation.

PowerPoint is the only software supported for electronic presentations. Other programs or the use of personal computer are at the discretion of the Program Chair. Slide (2 X 2) and overhead projectors are NOT available.

Respectfully submitted, Dwight D. Bowman, Program Chair & President-Elect

Committee Reports

Nomination Committee

Jim Miller, Chair, Nominations Committee

The Nominations Committee (Jim Miller, Tom Nolan, Ray Kaplan, Tom Craig, Jenifer Edmonds, and Craig Reinemeyer) has finalized a slate of candidates to run for Vice President and to fill the 2 open slots on the Nomination Committee. Committee members proposed one or more people for each open position and then the list of candidates was ranked by the committee. The top ranked nominees for Vice President were contacted, as were the top ranked Nominations Committee nominees.

The following AAVP members have agreed to run for the indicated office:

Vice President	Nominating Committee
Ray Kaplan	Tim Geary
Tom Yazwinski	Dan Howe
	Kevin Kazacos
	Andy Moorehead

The bios of the candidates appear in this issue of the Newsletter. Electronic voting will begin in March. Good luck to all the nominees!

Submitted by Jim Miller, Chair, Nominations Committee

Awards Committee

Doug Carithers, Chair, AAVP Awards Committee

The AAVP Awards Committee is responsible for soliciting nominations for the 2013 awards. The Awards Committee also administers the Young Investigator Travel Grants and the Student Presentation Competition. A brief overview of each of the available AAVP awards and grants are provided immediately below. Specific guidelines and instructions for nominations for each of these awards are outlined on the AAVP website homepage http://www.aavp.org/ .

Members of the AAVP are encouraged to nominate a worthy colleague or a student for one of our Society's awards.

Standing Awards:
Nominations and all supporting documents for awards must be received by the Chair of the Awards Committee by 28 May 2013. Please submit award nominations and supporting documents to: **dr.doug.carithers@gmail.com**

Young Investigator Travel Grant and Student Presentation Competition:
Applications must be made on the Annual Meeting web site by 28 May 2013.

Nominations/applications received after 28 May 2013, will not be considered.

The recipients of a standing award will be notified prior to the meeting, and all awards will be presented at the AAVP meeting held in Chicago, IL. A brief overview of the awards and criteria for selection are outlined below.

AAVP-Merial Distinguished Veterinary Parasitologist Award

This is the society's most prestigious award and recognizes the outstanding contributions of an AAVP member to the advancement of veterinary parasitology. The names of previous recipients of this award are listed in the annual proceedings.

AAVP Distinguished Service Award

The AAVP Distinguished Service Award is periodically awarded to recognize long-term, extraordinary service and commitment to the AAVP. When given (not an annual award) the award includes a plaque and travel expenses to attend the annual meeting.

AAVP-Merck Outstanding Graduate Student Award

This award is provided to honor a graduate student or a recent graduate for outstanding performance in graduate study in veterinary parasitology. The student must have been an AAVP member for at least 1 year at the time of nomination to be considered for this award. The recipient will be notified prior to the meeting, and will be given 30 minutes to present the highlights of their research in a special session. The award consists of reimbursement of travel expenses, a plaque, and an honorarium.

AAVP-CAPC Graduate Student Award in Zoonotic Disease

The AAVP-CAPC Graduate Student Award in Zoonotic Disease is provided to honor a graduate student or a recent graduate for outstanding performance in graduate study in zoonotic disease. The student must have been an AAVP member for at least 1 year at the time of nomination to be considered for this award. The award consists of a Young Investigator Travel Grant, a plaque, and an honorarium.

AAVP Young Investigator Travel Grants

The travel grants are matching-fund grants awarded to full-time DVM or undergraduate / graduate students enrolled in an accredited institution of higher learning and pursuing studies in veterinary parasitology. Deserving individuals who are within 3 years of their degree are also eligible for this award. Students must be an AAVP member in good standing as of the abstract submission deadline. Application for a Travel Grant, verification of student status (if applicable), and commitment of additional or matching funds from a sponsoring AAVP member (see Annual meeting web site for respective forms), and submission of an acceptable abstract, are necessary to be considered for this grant. The student who receives the AAVP-Merck Outstanding Graduate Student Award will receive reimbursement of travel expenses and therefore will not receive a Young Investigator Travel Grant.

AAVP-Bayer Best Student Paper Presentation Awards

The awards are given to undergraduate/graduate students who compete successfully in the Student Presentation competition. The Awards Committee will offer two awards to students that present their own research. In 2013, the awards will be cash prizes of $500 and $300 sponsored by Bayer Animal Health. Students must indicate on the Annual Meeting web site that they wish to be part of the Student Presentation Competition. At the time of abstract submission, all students must also complete and submit the Verification of Student Status form available on the Annual Meeting web site. Judges at the meeting will use the checklist (available on the web site) to rate the presentations.

Submitted by Dr. Doug Carithers, Chair, AAVP Awards Committee
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Duluth, GA 30096 USA
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Catching up with Lora Ballweber – The First Outstanding Graduate Student Award Winner

Lora Ballweber, Colorado State University

If you could give some advice to your graduate student self, what would it be? Don't let yourself be intimidated by those you admire. They were once as you are now!

Was there a significant mentor in your education? While I have been fortunate to have encountered numerous wonderful mentors during my lengthy education, I have to say the one that probably had the biggest impact came after college in the form of Dr. Linda Pote. Her mentorship came during the educational process of my first position as an associate professor. Her mentorship (and friendship) helped me navigate the politics of being a faculty member.

How has the role of women in science changed since you won your award? I don't think the roles have changed – the potential roles have always been there. What has changed is whether or not women can step into those roles. I grew up in a household where I was taught you can be whatever you want to be. My brothers, sister and I were all treated the same and I was unaware of any gender-biases in my community. Thus, I didn't knowingly encounter gender issues until I started looking for a job my senior year as an undergraduate in Animal Science. I was told that a woman would not be taken seriously in the jobs I wanted so don't even bother. Fortunately, at the same time, I was accepted into the Master's of Science in Parasitology at the University of Wyoming. That started me down my career path in Veterinary Parasitology. By the time I was ready for a "real" job, I did not encounter gender issues (at least not that I'm aware of) at the faculty level. However, I saw many female colleagues leave their current institutions because of the "glass ceiling" which prevented them from advancing to higher level administrative positions. This can still be a problem; however, I prefer to think of it in terms of when one door shuts, another door opens. The trick is often just finding the other door!

What has been the most challenging aspect of your career path? There have been several challenges for me. One challenge has been the perception by my administrative supervisors (e.g., department heads, deans) that I am unfocused in my research. Looking at the wide range of work I've done, I can understand why they may think that. But, this range of work reflects my range of interests and I decided a long time ago that I wasn't going to buckle under to pressures to pursue the money in areas I wasn't interested in. I believe if you don't enjoy what you're doing, you won't be doing it very well. Another challenge has been convincing basic science colleagues that service- and clinical-oriented veterinary parasitology is valuable and should not be shunned or forgotten. I like to think I've been somewhat successful in that endeavor given I've been awarded tenure and promoted to full professor at two different universities.

When you are not in the lab, where are we most likely to find you? Birding, taking pictures, hiking, fishing or bow hunting – you'll find me pretty much anywhere outdoors!

What is one interesting fact most people would not know about you? I had a brief (emphasis on brief) career in theater – playing piano and acting in melodramas during summer break.

In Memoriam: Robert L. Rausch, D.V.M., Ph.D., Professor Emeritus (1921 - 2012)

Former WCVM professor Dr. Robert Rausch and his wife Virginia

Dr. Robert L. Rausch, a former professor at the Western College of Veterinary Medicine (WCVM) and a world-renowned parasitologist, died on Saturday, October 6, in Washington.

Rausch, who was born and educated in Ohio, received his veterinary degree in 1945 and went on to complete post-graduate studies in parasitology and wildlife. He began his career as a parasitologist in 1949 at the Arctic Health Research Center in Alaska and rose to become chief of the centre's Infectious Disease Section before the unit closed in 1974.

On his way to the University of Washington Medical School in 1975, Rausch and his wife Virginia spent three years in Saskatoon where he taught at the WCVM. Before leaving the college in 1978, Rausch made a significant contribution to the University of Saskatchewan (the equivalent of funds budgeted for his salary over three years).

In turn, the U of S established the Robert L. and Virginia R. Rausch Visiting Professorship at the WCVM in recognition of Rausch's contributions to northern biology and to the university.

"This program has enabled us to bring to Saskatoon each year, from anywhere in the world, two or three outstanding scientists in the fields of parasitology, wildlife health or zoonotic diseases," said WCVM parasitologist Dr. Lydden Polley. "The professorships have fostered international collaborations and have presented our students with many new perspectives on infectious diseases."

In 1985, the U of S presented an honorary Doctor of Laws to Rausch in recognition of his contributions to parasitology, northern research and to the university.

Rausch, who was a *professor emeritus* at the University of Washington, was considered one of the great scholars of nature and natural history of the North. His career, which spanned over 60 years, included research focusing on the parasites of northern mammals. His contributions have been fundamentally important to the development of parasitology.

In 2011, Rausch was awarded the Eminent Parasitologist Lectureship by the American Society of Parasitologists (ASP) — an honor that he received during the organization's annual meeting in Anchorage, Alaska. The Society's award honors an individual of eminence and international visibility for a significant contribution to parasitology over a substantial period of time.

The Alaskan ASP meeting was the ideal venue for recognizing Rausch who came to the northern state in 1948 after the establishment of the Arctic Health Research Center of the U.S. Public Health Service.
"Together over the past 60 years, Robert and Virginia Rausch have been an integral part of the history and landscape of Alaska and the north," stated Drs. Eric Hoberg and Ann Adams in their letter nominating Rausch for the ASP honor. Hoberg is chief curator of the U.S. National Parasite Collection in Beltsville, Md., while Adams is director of the U.S. Food and Drug Administration's Kansas City District Laboratory.
Rausch spent 27 years in the north where his work on the parasite fauna of Alaska —including the zoonoses *Trichinella* and *Echinococcus multilocularis,* — is considered "truly pioneering" in the world of parasitology, described Polley.

"Bob Rausch has made many very significant contributions to our understanding of the structure and function of parasite communities in landscapes in many areas of the world, but especially in the Arctic," said Polley, one of Rausch's former WCVM colleagues who wrote a letter of support for Rausch's award nomination.

"Bob has a great ability to interpret data and other information from this research in a broader, and sometimes global, ecological context. Both he and Virginia are 'close to the land' and detect much in their surroundings that most would miss," added Polley. "This vision is a considerable asset, and I suspect drives much of their research, as well as their approach to others and to life. Theirs is a world in which sharing is critical to humanity and to positive progress."

In the past six decades, Rausch published more than 300 papers that provide key information and insights into the biology and ecology of a range of parasites and hosts in many locations around the world. Much of this work depended on meticulous observation of the parasites, their interactions with hosts, and how the host-parasite assemblages contribute to the structure and function of ecosystems.
Besides their time in Alaska, Rausch and his wife travelled extensively around the world, and throughout his career, Rausch served as a singular ambassador for parasitology in the international arena.

This article was reprinted with permission from WCVM Today (www.wcvmtoday.com), news site for the Western College of Veterinary Medicine, University of Saskatchewan.

A memorial to Dr. Rausch can also be found at the University of Washington, Department of Comparative Medicine website: http://depts.washington.edu/compmed/

AAVP Student Opportunities

Zoetis Tour

Dates: Post conference July 23rd -24th

Ever wondered how new drugs and vaccines get discovered and developed? Ever wondered what a veterinary parasitologist does in the pharmaceutical industry? How about attending a visit to Zoetis (the

former animal health division of Pfizer) to find out. You will be able to visit the research and animal facilities, learn about the drug and vaccine discovery process and ask questions of scientists, parasitologists or other about their careers and daily work.

Students interesting in taking part in this opportunity should contact the acting AAVP student representatives:

Brian Herrin: brian.h.herrin@gmail.com
Melissa Beck: m.beck@uleth.ca

AAVP Student Chapter Formation

Are you interested in continuing your involvement in the AAVP beyond our annual conference? Starting an AAVP Student Chapter can support students interested in pursuing a career in Veterinary Parasitology by providing a medium for enhancing student knowledge, interacting with other parasitologists, and exposing students to career opportunities in parasitology.

Steps to Getting Started:

- **Coordinate a Faculty Advisor**: Student Chapters are required to have a faculty advisor who is a current member of the AAVP
- **Designate Chapter Officers**: Select individuals of the Chapter that are current student members of the AAVP.
- **Submit an Application Letter**: Include name of the Chapter's faculty advisor, anticipated number of members, and proposed activities for the chapter. The letter must be signed by the faculty advisor.

More information on creating an AAVP Student Chapter can be found on the AAVP website (www.aavp.org). Any questions regarding the application process should be submitted to the acting student AAVP representatives by email or via the **Student Chapters of the AAVP** Facebook page.

Application letters are also to be submitted directly to the student AAVP representatives via email:

Brian Herrin (brian.h.herrin@gmail.com)
Melissa Beck (m.beck@uleth.ca)

Once your application has been approved, a welcome email will be sent to you from the AAVP executive committee recognizing active Student Chapter status.

Submitted by Melissa Beck, AAVP Student Representative, University of Lethbridge.

Congratulations to AAVP Student Award Recipient at 2012 CRWAD

Alejandra Betancourt**,** Graduate Research Assistant at the University of Kentucky, Lexington, KY, was the AAVP student award recipient for competition in parasitology at the December 2012 CRWAD meeting in Chicago. Her presentation was entitled: "Evaluation of the systemic inflammatory reaction to anthelmintic treatment in ponies" and was a collaborative effort with Dr. Martin Nielsen. Alejandra received a $100 award check, complementary AAVP membership, and annual meeting registration.

Congratulations Alejandra**!**

Future Parasitology Meetings

Future meetings of the AAVP

The 58th Annual Meeting of AAVP will be held in Chicago, IL July 20-23, 2013 at the Westin Chicago River North.

2014 Denver, CO, July 26-29
2015 Boston, MA, July 11-14
2016 San Antonio, TX August 6-9

The Southeastern Society of Parasitologists

The 2013 meeting of the SSP will be April 10 – 12 at Western Kentucky University**,** in Bowling Green, Kentucky. More at: http://www.thessp.org/

57th Livestock Insect Workers' Conference

The 57th Livestock Insect Workers' Conference will be held June 22 - 26, 2013 at the Lied Center Lodge in Nebraska City, NE. See http://liwc13.unl.edu/ for additional details.

The American Society of Parasitologists (ASP) 2013

The Annual Meeting of The ASP will be held at the Loews Le Concorde Hotel in Québec City, Canada June 26-29, 2013. This is a special joint meeting with the Quebec Molecular Parasitologists members of the Center for Host Parasite Interactions.
Visit: http://parasitology.winston.wfu.edu/asp/index.php/index/index/index/index for more information.

American Society of Tropical Medicine & Hygiene (ASTMH) 2013

The 62nd annual meeting of ASTMH will be held November 13-17, 2013 at the Marriott Wardman Park Washington, DC USA
More information at: http://www.astmh.org.

World Association for the Advancement of Veterinary Parasitology

The 24th International Conference of the World Association for the Advancement of Veterinary Parasitology will be held August 25-29, 2013 at the Perth Exhibition Centre, Perth, Western Australia. http://www.waavp.org.

AAVP Communication Tools

AAVP Listserv: Contact Bert Stromberg at b-stro@umn.edu to join.
The listserv allows you to send one email and have it broadcasted to all the members of the list at one time. The nature of the listserv encourages discussion and provides fast dissemination of information to the members.

AAVP Facebook page: Post comments, announcements, or pictures to the AAVP Facebook wall. The Facebook page is maintained by the Publication/Internet committee chair. Contact Tariq Qureshi tariq.qureshi@merck.com with questions or visit the AAVP Facebook page at http://www.facebook.com/pages/American-Association-of-Veterinary-Parasitologists/173196885755

Nominee Biographies

Nominees for Vice President

Ray Kaplan

Current Position and Address: Professor, Department of Infectious Diseases, College of Veterinary Medicine, University of Georgia, Athens, Georgia 30602
Phone: (706) 542-5670, Fax: (706) 542-5771, Email: rkaplan@uga.edu

Education:
Ph.D., Veterinary Parasitology (1995), University of Florida, College of Veterinary Medicine, Department of Pathobiology, Gainesville, Florida
D.V.M. (1988), Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, Virginia
B.S., Dairy Science (1983), Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia

Professional Experience:
Professor, Department of Infectious Diseases, College of Veterinary Medicine, University of Georgia (2009-); Director, Parasitology Diagnostic Laboratory, Athens Veterinary Diagnostic Laboratory, College of Veterinary Medicine, University of Georgia, Athens, Georgia (2005-); Member, Faculty of Infectious Diseases, University of Georgia (2008-);
Member, Biomedical and Health Sciences Institute, University of Georgia (2005-); Director, Filariasis Research Reagent Resource Center (FR3) (2006-2011); Assistant /Associate Professor, Department of Infectious Diseases, College of Veterinary Medicine, University of Georgia (1998-2009); Captain/Major, United States Army Veterinary Corps, (1995-2004);
Chief, Parasite Biology Section, Department of Parasitology, Division of Experimental Therapeutics, Walter Reed Army Institute of Research, Washington, D.C.
(1995-1998); Adjunct Assistant Professor of Preventive Medicine and Biometrics, Uniformed Services University of the Health Sciences, Bethesda, Maryland (1996-1998);
Postdoctoral Research Associate, Department of Pathobiological Sciences, School of Veterinary Medicine, University of Wisconsin-Madison, Madison, Wisconsin (1994-1995);
Graduate Research Assistant, Department of Infectious Diseases/Pathobiology, College of Veterinary Medicine, University of Florida (1990-1994); Clinical veterinarian, Sunbury Animal Hospital Sunbury, Pennsylvania (1988-1990)

Memberships/Committees/Service:
Associate Editor and Member Specialist Editorial Board *International Journal for Parasitology - Drugs and Drug Resistance* (IJP-DDR) (2011-2014); Member Editorial Advisory Board *Veterinary Parasitology* (2004-); Director, United States FAMACHA program (2003-present); Member International Advisory Board, ICOPA 2014 Proposal, Copenhagen (2010); Scientific Programme Committee, Novel Approaches to the Control of Helminth Parasites of Livestock (2008, 2010, 2013); Member World Health Organization – World Bank Soil-transmitted Helminthiasis Working Group (2007 – 2008); Co-organizer, International Equine Parasite Drug Resistance Workshop, University of Copenhagen, Denmark (2008); Western Regional Project W102 for Parasites of Livestock (1998-2003); Southern/American Consortium for Small Ruminant Parasite Control (2002 –); WAAVP: Working group for developing guidelines on the application of FECRT in establishing and monitoring anthelmintic efficacy (2010-); AAVP: Nominations Committee (2012-), Finance Committee (1996-99, 2001-06, 2009-; Chair 1996-98, 2009-12), Internet/Publications Committee (2005-8; Chair 07-08), Outreach/Research Committee (1998-2001, 2012-), Chair and founding organizer - Student Committee (1993-94)

Honors/Awards:
Diplomate, The American College of Veterinary Microbiologists, Parasitology (2011), Pfizer Award for Research Excellence (2008), Diplomate, European Veterinary Parasitology College (2006), Charles N. Dobbins Award for Excellence in Service, University of Georgia College of Veterinary Medicine (2006), American Association of Veterinary Parasitologists - Hoechst-Roussel Agri-Vet Company Outstanding Graduate Student Research Award (1994), University of Florida College of Veterinary Medicine - Veterinary Auxiliary Achievement Award in Graduate Studies (1994), Veterinary Graduate Student Association Service Award, College of Veterinary Medicine, University of Florida (1994)

Research Interests:
Epidemiology and control of helminth parasites with a primary focus on measuring, understanding, and solving the problems presented by drug-resistant parasites. To this end we are interested in studying the biological and molecular mechanisms involved in anthelmintic resistance, and in developing and validating improved diagnostic assays for measuring drug resistance in parasites. Most research is focused on nematode parasites of ruminants and horses; however, we also work on human and animal filarial nematode parasites.

Tom Yazwinski

Tom Yazwinski is a University Professor in the Department of Animal Science at the University of Arkansas in Fayetteville, where he has conducted research and taught in the general area of Parasitology since 1977. He obtained his BS at the University of Vermont (1972), MS at the University of Maine (1974) and PhD at North Carolina State University (1976). At Maine and North Carolina his major professors were H. C. Gibbs and D. Moncol, respectively.

He has been a member (in good standing!) of the AAVP since 1983, and remembers working on ivermectin before it was ivermectin (C–076). To his credit, he has one chapter in a book (Nematodes & Acanthocephalans of Poultry, Diseases of Poultry, 12th Edition), several “how to” pamphlets on poultry house parasitology, 70 refereed articles, 51 non-refereed papers, 101 scientific presentations, 174 service-oriented presentations to “stake-holders”, and one sabbatical (Houghton Research Center in the UK).

At present, he continues his research into the incidence and control of helminth parasites of cattle, sheep, goats and poultry.

On the non-professional side, Yazwinski has one wife (a most unfortunate soul), 2 great kids, 2 great in-law kids, 2 great grand-kids and one additional grand-kid on the way; scheduled to debut in person this summer.

Nominees for Nomination Committee

Timothy Geary

Current Position: Professor and Tier I Canada Research Chair; Director, Institute of Parasitology, McGill University

Education:
Ph.D., Pharmacology, University of Michigan, 1980, Ann Arbor, MI
B.Sc., Biology (Cum Laude), University of Notre Dame, 1975, South Bend, IN

Professional Experience:
Institute of Parasitology, McGill University
Professor and Canada Research Chair; Director 2005-
The Upjohn Company (Pharmacia & Upjohn, Pharmacia, Pfizer), Parasitology Research
Research Scientist II - Associate Research Fellow 1985-2005
Michigan State Univ., Dept. Microbiology and Public Health
Research Assistant Professor 1984-1985
NIH Postdoctoral Fellow/Research Assistant 1980-1984

Service**:**
NIH-SBIR Review Committee, 1989; Institute of Medicine-Malaria Research and Control, 1990-91;
NIH - Minority Predoctoral Fellowship, 1991-1994; NIH-MBRS-Genetics review committee, 1995; NIH Training Grant site review committee (Biotechnology, Chemistry-Biology Interface, 1995); NIH-RFA for Tropical Medicine Research Centers, 1995; NIH-PTHE Study Section, 2006-2008; WHO /TDR- Macrofil Committee, 1991; Working Group on Compound Evaluation Network, 2006-; Steering Committee on Genomics and Discovery Research, 2006-; Helminth Initiative, 2006-; External Drug Advisory Committee, 2007-; American Society of Parasitologists, Student Awards Committee, 1991, 1992 (Chair); Priorities Committee, 1991-1993; Molecular Biology Symposium Organizing Committee, 1991-1994; Nominating Committee, 1995-1996, 1999-2001 (Chair); Industrial Relations Committee, 1999-2003 (chair) , 2006-; Bueding and von Brand Award Committee, 1999-2001 (chair), 2007-2010; American Association of Veterinary Parasitologists, Finance Committee, 1999-2000; Nominating Committee 2000-2002 (chair); Keystone Symposium on Molecular Helminthology, Co-organizer, 1993, 1996, 2001; USDA - Helminthic Diseases Laboratory External Review, 1993; Gent University Methusalem Awards Committee, 2008; IDRP/AIBS/WRAIR Antiparasitic discovery and development committee, 2010-; Expert Advisory Board, AWOL Gates Foundation Grant, 2007-; External grant reviews: CSIRO (Australia), Wellcome Trust (UK), Stichting Levenswetenschappen (Netherlands), WHO (Geneva), NSF, NIH (USA), US-Israeli Binational Foundation; Health Research Board, Ireland; Bill and Melinda Gates Foundation; Swiss National Science Foundation; NSERC-ITSC/GPP; BBRC; CIHR.
Associate Editor, The Journal of Parasitology, 1993-; Specialist Editor, International Journal for Parasitology, 2004-2010; Editorial Board, International Journal for Parasitology-Drug Discovery and Resistance, 2011-; Editorial Board, Parasitology, 2006-; Editorial Board, Parasites & Vectors, 2007-; Editorial Board, PLoS-Neglected Tropical Diseases, 2009-

Research:
I began my studies on the pharmacology of antiparasitic drugs as a postdoc at Michigan State University, working on chemotherapy of malaria in the lab and in the field. While at The Upjohn Company in Kalamazoo, I eventually was privileged to lead a team in antiparasitic drug discovery. Following the acquisition of the company by Pfizer, I chose to continue working in research and joined the Institute of

Parasitology at McGill in 2005 as a Tier I Canada Research Chair. I became Director of the Institute in 2007. My research program focuses on genomic and proteomic analysis of the host-parasite interface, especially filarial and gastrointestinal nematode infections. We operate an African-centered research program for antiparasitic drug discovery and are involved in efforts to repurpose flubendazole for use in neglected tropical diseases. With Roger Prichard, we are investigating the possibility of drug resistance in *Dirofilaria immitis*.

Daniel K. Howe

Education:
BS, MS, Western Illinois University (1988, 1990)
PhD, Purdue University (1992)

Professional Experience:
Postdoctoral Research Associate, Washington University School of Medicine (1993-1999)
Assistant Professor (1999-2005), Associate Professor (2005-2012), Professor (2012-present), Director of Graduate Studies (2009-present), M.H. Gluck Equine Research Center, Department of Veterinary Science, University of Kentucky

Research Interests:
Apicomplexa, parasite pathogenesis and virulence factors, host-parasite interactions, parasite genetics

Memberships/Committees/Service:
American Association of Veterinary Parasitologists
American Society for Microbiology
American Society of Parasitologists
Equine Protozoal Myeloencephalitis Society
Co-Editor-in-Chief, Veterinary Parasitology (2010-present)
Editorial board member for Infection and Immunity (2012-present), Veterinary Parasitology (2006-2010), Journal of Eukaryotic Microbiology (2001-2003)
Presiding Officer, Annual Midwestern Conference of Parasitologists (2009)
Multiple Society Committees (ASP, AMCOP, EPM Society)

Awards/Honors:
University of Kentucky Wethington Award (2010, 2011, 2012)
Amerman Family Equine Research Endowment (2004-present)
University of Kentucky Faculty Futures Award (2004)
George A. LaRue Award, AMCOP (1992)

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Kevin R. Kazacos

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Dr. Kevin Kazacos is Professor of Veterinary Parasitology and Associate Director of the Clinical Parasitology Laboratory in the College of Veterinary Medicine, Purdue University, West Lafayette, Indiana. Dr. Kazacos received a BS in biology in 1971 from the State University of New York at Albany, a PhD in parasitology in 1974 from the University of Notre Dame, and a DVM in 1979 from Purdue University. Since then he has been on the faculty of Purdue University, where he teaches veterinary and graduate students, performs diagnostic work in parasitology, and conducts research on parasitic diseases of animals and humans. He is a Charter Diplomate of the American College of Veterinary Microbiologists (Parasitology).

Dr. Kazacos has done extensive research on zoonotic helminths, particularly those that cause visceral, ocular, and neural larva migrans. He is best known for his comprehensive studies on the raccoon ascarid, *Baylisascaris procyonis*, as a cause of animal and human disease. His other interests include pathology of parasitic diseases, parasites of the eye and nervous system, diagnostic and clinical parasitology, and treatment and control of gastrointestinal parasites. Dr. Kazacos has long been involved with One Health issues and has made great efforts in educating veterinarians, physicians and public health personnel about the dangers associated with zoonotic parasites and their responsibilities in prevention and control.

Dr. Kazacos has been honored with three Distinguished Teaching Awards, the Purdue Veterinary Medicine Alumni Faculty Award for Excellence, the SmithKline Beecham Award for Research Excellence, and a Distinguished Visiting Professorship. He has served on numerous academic and professional committees, and was a founding member and past President of the Companion Animal Parasite Council. He is the author or coauthor of 133 refereed journal articles, 11 book chapters or monographs, 179 research abstracts and proceedings, and has given over 565 presentations at scientific and professional meetings.

Andy Moorehead

Education:
North Carolina State University, BS/BA, 1993 Biochemistry/Chemistry
North Carolina State University, D.V.M, 1997 Veterinary Medicine
Purdue University, MS, 2002 Veterinary Parasitology (Advisor: Kevin Kazacos)
Cornell University, Ph.D., 2008, Cellular Microbiology

Professional Experience:
Laboratory Animal Medicine Residency, North Carolina State University; 1997-1999
Post-Doctoral Research Associate, Dr. J.A. Appleton, Cornell University; Feb.-July 2008
Assistant Research Scientist, Dept. of Infectious Diseases, College of Veterinary Medicine, University of Georgia; Aug 2008-Present
Project Manager of Filariasis Reagent Resource Center (FR3), UGA; Aug 2008-Dec. 2010
Director of Filariasis Reagent Resource Center (FR3), UGA; Jan. 2011-Present

Professional Memberships/Committees/Service:
American Veterinary Medical Association
American Association of Veterinary Parasitologists (Finance Committee 2011-Present, current chair)
American Heartworm Association
American Society of Tropical Medicine and Hygiene
Peer reviewer for Emerging Infectious Diseases Journal

Honors:
Phi Zeta Veterinary Honor Society (2000)

Research interests:
Currently, I am the Director of the NIH-funded Filarial Research Reagent Resource Center (FR3). Our research mainly focuses on the optimization of the maintenance and propagation of filarial life cycles, including *Brugia malayi* and *Dirofilaria immitis*. We also perform research into the events involving the initial establishment of filarioid parasites in the host-parasite niche.

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The American Association of Veterinary Parasitologists Newsletter is published three times each year with issues in February, June and October. Contributions to the Newsletter are highly encouraged and should be submitted by the 20th of the month of issue.

AAVP Newsletter Deadlines for Submissions

Newsletter	Deadline
June 2013	June 21, 2013
October 2013	October 21, 2013
February 2014	February 18, 2014

Please contact the editor with questions regarding these dates.