AAVP Newsletter

American Association of Veterinary Parasitologists

October, 2012 Volume 34, Number 3

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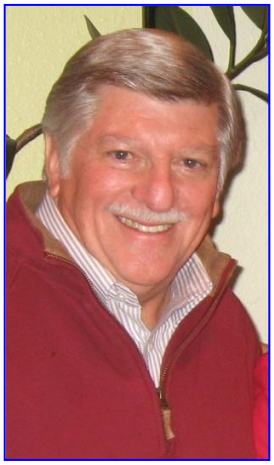
From the President

AAVP members and colleagues:



It is with utmost pleasure and appreciation that I begin my term of office. As past Secretary/Treasurer, I had the opportunity to better know the unique individuals who make up our strong membership, and I thank you for your support and confidence. I thoroughly enjoyed seeing many of you at the annual meeting in San Diego and thank our corporate sponsors for their continued generous support of AAVP. Also, I thank the invited speakers and congratulate the award winners, new officers and committee chairs/members.

The 2011-2012 fiscal year was exceptional in the outward planning, standardization, and implementation of AAVP policies and procedures by Dr. Patrick Meeus. His vision and planning will serve AAVP well into the future and I thank him for his strong leadership. As we move into the 2012-2013 fiscal year, I wish to highlight the major changes and actions that will be implemented. Foremost, our Secretary/Treasurer, Dr. Bob Arther, will be busy with the changes required by the IRS to change AAVP from our Oct 1, 2012 – Sept, 30, 2013 fiscal year to the calendar year starting Jan. 1, 2013 – Dec. 31, 2013. This new schedule, along with the increase in regular membership dues to $40.00 annually, and clarity regarding decreased benefits for members owing past dues will greatly facilitate the bookkeeping, membership rolls, and future financial success of

AAVP. More details can be found in the Secretary/Treasurer report posted separately by Dr. Arther in this newsletter.

Action plans developed during the 57th annual meeting will allow AAVP committees to be more engaged and focused this year. Separately in the newsletter, I have provided an updated list of committee chairs and members along with their 2013 goals. I am asking the committee chairs to conduct teleconferences with their members at least on a quarterly basis to monitor progress and make assignments against goals. Email communication is great, but teleconferencing provides enhanced group participation and action. The executive committee has implemented bimonthly teleconferences and will be meeting in person in February to plan the 2013 annual meeting. Any members who wish to join a committee can do so by selecting a committee on the AAVP website, or can contact me, as we encourage as much participation as possible from the membership.

During my President's Address at the annual meeting, I outlined my goals to increase committee action in education, publication and outreach/research. I emphasized that the greatest strengths of AAVP are advancing veterinary parasitology through research and education. Basically, my vision is to raise the prominence of AAVP as the voice of veterinary parasitology in America. Research innovation via the annual meeting program remains as an elemental core of AAVP for the launch of new parasiticides, as well as reporting on anthelmintic resistance monitoring/control strategies and novel parasiticide discovery approaches and targets. While our strength in research is well acknowledged during the meeting and captured in the proceedings, no concerted effort is made to publicize or share this valuable information outside AAVP. One initiative Dr. Dwight Bowman and I will be exploring is the establishment of AAVP-sponsored sessions at annual meetings of related parasitology and veterinary organizations. This effort can serve to provide an AAVP perspective and potential publications on current trends in anthelmintic resistance and parasite control. In addition, the Outreach/Research Committee will develop a Speaker List for scientific meetings to better develop and maintain relationships with other related societies, producer groups, and industry

Equally important, and a growing strength of AAVP, is education. Major progress has been made via the Educators Symposium with strong Companion Animal Parasite Council (CAPC) support, the recommendation of veterinarian competency standards in parasitology, and our American College of Veterinary Microbiologists (ACVM) association. The Education Committee will strive to increase visibility and recognition in veterinary parasitology education. Veterinary education is not confined to our academic colleagues, but can be aided by government and industry members as well.

I feel that the 2013 goals set by the respective committees will set the path for progress. These efforts coupled with my goals to increased committee action in education, publication and outreach/research will continue to support our strong base and improve recognition of AAVP. Effort toward improvement involves all of us in order to be successful. Please join 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,

Alan A. Marchiondo
President

From the Secretary/Treasurer

Changes with Dues Payments and Finance Reporting

A review of the AAVP expenses and revenues earlier this year indicated it was necessary to increase membership fees to keep up with the increased cost to maintain our web site, insurance, postage, etc. During the business meeting in San Diego a motion was presented and passed by the membership to increase the annual dues for regular members from $30 to $40/year for 2013. Student dues will remain at $10/year. In addition, AAVP has previously followed an Oct. 1- Sept. 30 fiscal year for reporting of finances. A decision was also made during the San Diego meeting to transition AAVP finance reporting to a Jan. 1 to Dec. 31 calendar year schedule. Dues paid beginning Oct. 1, 2012 will be credited for 2013 membership through Dec. 31, 2013. Members must pay their 2013 dues by Jan. 31, 2013 to receive all membership benefits which include eligibility for voting, access to the members' only area of the web site, access to the membership directory, receipt of the AAVP newsletter and emails, and service on AAVP committees. Members with 1-2 years of unpaid dues will have general access to the website; receive AAVP emails and the newsletter. Members with more than 2 years of unpaid dues can only access the general web site.

Membership Renewal and the New Membership Application forms are posted on the AAVP website (www.aavp.org). The previous independent organization AAVP enlisted to process on-line credit card transactions (NFG) has been replaced with a PayPal account which should eliminate problems with dues receipts issued from NFG designated as "donations". Members who wish to pay membership dues by mail may send checks payable to AAVP to my address listed below.

If you have questions regarding your dues or experience any difficulty with on-line dues payment please let me know and I will assist.

Members in good standing may continue to purchase an online subscription to Veterinary Parasitology for $37.00 per year.

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

2012 Annual Meeting Report

The 57th annual meeting of the American Association of Veterinary Parasitologists was held at the Westin, San Diego CA on Aug. 4-7, 2012. Attendees included 160 regular members and 29 students plus additional invited speakers and guests. The theme of the meeting was "Complementary Alliances: Veterinary, Human and Agrochemical Approaches to Parasiticides". A total of 83 abstracts were included in the meeting proceedings assembled by Dr. Alan Marchiondo, the Scientific Program Chair. The 2012 AAVP/Merial Distinguished Parasitologist Award was presented to Dr. James Miller, Louisiana State University. Flavia Girao Ferrari, Mississippi State University, received the 2012 AAVP/Merck Outstanding Graduate Student

Award. Lindsay Starkey, Oklahoma State University, was awarded the AAVP/CAPC Graduate Student Award in Zoonotic Disease. The Saturday opening social event was hosted by Bayer Animal Health, the Sunday evening social was sponsored by Merial, and the Monday evening social was sponsored by Elanco Animal Health. SCYNEXIS sponsored refreshment breaks during the meeting. The AAVP business and awards session was held Monday morning. Andrew Peregrine was elected as the new AAVP Vice-President. Dr. Dwight Bowman is the President-Elect and the Program Chair for 2012-2013. Craig Reinemeyer and Jenifer Edmonds were elected to the Nominations Committee. Melissa Beck, University of Lethbridge was elected as the 2012-2014 Student Representative for the AAVP Student Committee. Barbara Shock, University of Georgia, was awarded 1st place in the Best Student Paper Presentation competition sponsored by Bayer Animal Health. Bradley DeWolf, University of Guelph, received 2nd place in this competition. Honorable mention certificates for the student paper competition were presented to Melissa Beck, Bradley Van Paridon (University of Lethbridge), Anne Barrett, and Chris Adolf (both from Oklahoma State University). President Patrick Meeus presided over the business meeting on Monday morning. A remembrance was offered for Dr. Thomas Schnieder who passed away earlier this year. Dr. Meeus was recognized for his efforts and contributions to AAVP for the past year and was presented a plaque by President-Elect Dr. Alan Marchiondo at the close of the business and awards session. Dr. Marchiondo provided the incoming address to outline the AAVP goals and objectives looking forward for the next 12 months.

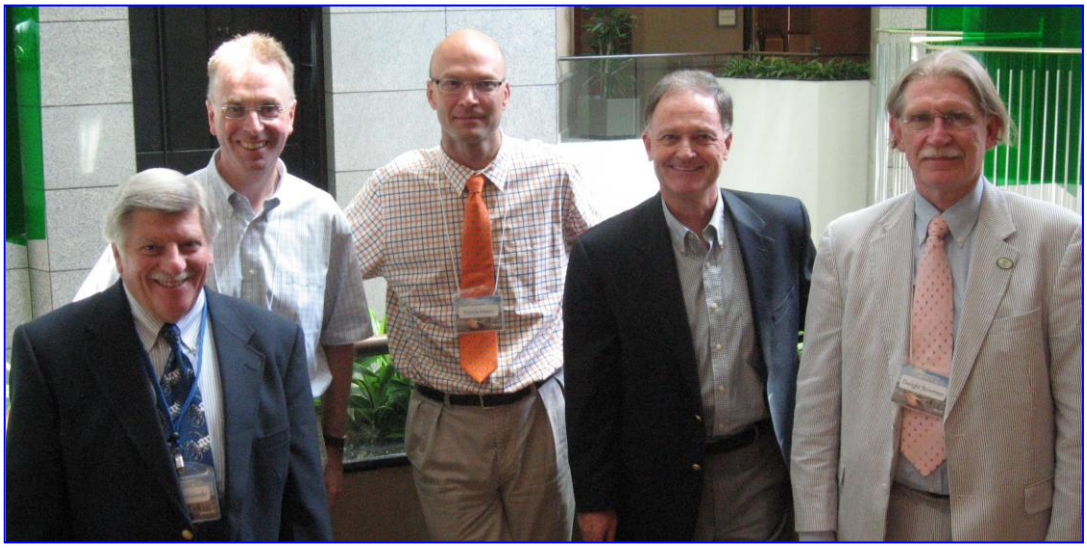
Submitted by Bob Arther
AAVP Secretary/Treasurer

List of AAVP Committee Chairs / Members and 2012-2013 Goals

The **chairs** and members of the AAVP Committees for 2012-2013 are provided below along with their 2013 goals. *Submitted by Dr. Alan Marchiondo*.

Officers

President: Alan A. Marchiondo
Secretary/Treasurer: Bob Arther
President-Elect and Program Chair: Dwight D. Bowman
Immediate Past President: Patrick F. M. Meeus
Vice-President: Andrew S. Peregrine



Left to right: AAVP Officers for 2012-2013: Drs. Alan Marchiondo (President), Andrew Peregrine (Vice-President), Patrick Meeus (Immediate Past President), Bob Arther (Secretary/Treasurer), and Dwight Bowman (President-Elect and Program Chair).

Elected Committees

Nominations

James Miller jmille1@lsu.edu (2013), Tom Nolan (2013), Ray Kaplan (2014), Tom Craig (2014), Jenifer Edmonds (2015), and Craig Reinemeyer (2015)

2012-2013 Goals:
1. Secure nominations of officer and Nominating Committee candidates.
2. Present the annual ballot of officers and Nominating Committee nominees to the membership in the February AAVP Newsletter.

Appointed Committees

Archives

Tom Nolan parasit@vet.upenn.edu (2013), Les Choromanski (2012), Raffaele Roncalli (2013), Miguel Suderman (2014)

2012-2013 Goal:
1. Responsible for the safe retention of all non-current records of the Association.

Awards Committee

Doug Carithers doug.carithers@merial.com (2013), Doug Hutchens (2013), Stephanie Heise (2013), Tom McTier (2014), Jeff Clark (2014), Sara Marley (2014), Dan Snyder (2014), William Ryan (2015), David Lindsay (2015)

2012-2013 Goals:
1. Recommend persons for honorary membership, and select individuals to receive the:
    a. AAVP- Merial Distinguished Veterinary Parasitologist award
    b. AAVP- Merck Outstanding Graduate Student award,
    c. AAVP- CAPC Graduate Student Award in Zoonotic Diseases,
    d. Young Investigator Travel Awards.
2. Work with Secretary-Treasurer on award plaques and certificates for annual meeting.

Constitution and Bylaws Committee

Wendell Davis wendell.davis@bayer.com (2013), Lori Carter (2013), Stephanie Heise (2013), Amy Edwards (2013)

2012-2013 Goals:
1. Review the Constitution and By-Laws on an annual basis and recommend changes to the Executive Committee
2. Add the updated AAVP By-Laws amended Aug 2012 to the AAVP website.
3. Add the AAVP Student Chapter Guidelines to the AAVP website.
4. Add the AAVP Student Chapter Constitution to the AAVP website.

Education Committee

Gary Conboy conboy@upei.ca (2013), Doug Hutchens (2013), Araceli Lucio-Forster (2013), Pat Payne (2013), Tammi Krecek (2014), Christian Epe (2014), Tom Craig (2014), Andrea Varela-Stokes (2015), Tom Nolan (2015), Karen Snowden (2015)

2012-2013 Goals:
1. Foster interchange between veterinary parasitologists and assist in any way the enhancement of teaching parasitology in general and veterinary parasitology in particular.

2. Organize and implement program of the 2014 AAVP-CAPC Educators Symposium.
3. Prepare and recommend veterinarian competency standards in veterinary parasitology.
4. Increase visibility and recognition in veterinary parasitology education.

Finance Committee

Andrew Moorhead amoorhed@uga.edu (2013), Ray Kaplan (2013), Robert Miller (2014), Kerry Powell (2014)

2012-2013 Goals:
1. Audit the Association's financial records at the annual meeting.
2. Assist Secretary-Treasurer with federal, state and local financial filings as appropriate.

Historian

Raf Roncalli r.roncalli@gmail.com (2014), Tom Nolan (2014), Alan Marchiondo (2015)

2012-2013 Goals:
1. Report and provide obituaries of deceased members and affiliated parasitologists for the annual meeting and newsletter.
2. Report on history of veterinary parasitology in newsletter and other publications.

Newsletter/Editorial Board

Jenifer Edmonds, Editor jedmonds@johnsonresearchllc.com (2013), Ann Donoghue (2013), Claire Mannella (2013), Sue Holzmer (2014), Barbara Shock (2014), Theresa Hartwell (2014), Scott Bowdridge (2015)

2012-2013 Goal:
1. Published the AAVP Newsletter electronically, prepared in association with the Publications/Internet Committee, three (3) times a year on the AAVP website.

Program Committee:

Dwight Bowman ddb3@cornell.edu (2013), Andrew Peregrine (2014), Alan Marchiondo (2013), Patrick Meeus (2013), Bob Arther (2014), Brian Herrin (2013), Melissa Beck (2014).

2012-2013 Goals:
1. Planning and implementing the program to be presented at each annual meeting of the Association and all other programs sponsored by the Association.
2. Prepare and mail the annual meeting sponsor solicitation letter.

Publications/Internet Committee

Tariq Qureshi tariq.qureshi@merck.com (2015), Richard Endris (2014), Kelly Allen (2014), Chris Adolph (2014), Miguel Suderman (2015)

2012-2013 Goals:
1. Develop, write, and publish documents (paper and electronic) and books sponsored by the Association for distribution to the membership.
    a. Work with AAVP President on joint AAVP-CVM joint publication of the CVM Public Meeting on Antiparasitic Drug Use and Resistance in Ruminants and Equines Public Meeting - March 5-6, 2012.
    b. Work with the AAVP President on the production of parasite egg posters/charts including but not limited to nematodes and trematodes by host animal (sheep, cattle, dogs, cats, equines, pigs and fowl).
2. Assist the Newsletter Editorial Board Committee in publishing the AAVP Newsletter electronically.
3. Chair will seek training on the website by Pat Riley so that he is able to make changes and updates as needed.

Outreach/Research Committee

Lora Ballweber lora.ballweber@colostate.edu (2014), Doug Hutchens (2012), Charles Mackenzie (2013), Christine McCoy (2014), Kerry Powell (2014), Ray Kaplan (2015), Frederic Beugnet (2015), Sheila Mitchell (2015)

2012-2013 Goals:
1. Initiate new programs that will promote the Association and its members.
2. Submit to Executive Committee draft Procedure for Preparation, Adoption and Publication of AAVP-Generated Documents; due by mid-year meeting.
3. Prepare a Speaker List for scientific meetings to better develop and maintain relationships with other related societies, producer groups, and industry.
4. Continually evaluate the direction of research in veterinary parasitology and report to the membership on these directions.
5. Develop statements on areas the Association believes research emphasis is needed.
6. Fecal Egg Count Paper; generate outline, define deadlines, write draft.

Student Representatives:

Brian Herrin brian.h.herrin@gmail.com (2013), Melissa Beck m.beck@uleth.ca (2014)

2012-2013 Goals:
1. Help to increase communication and the exchange of information, ideas and fellowship among all student members and the AAVP membership,
2. Work to promote and foster attendance and participation of students at the annual AAVP meeting.
3. Make recommendations to the Executive Committee on annual meeting student functions.

Outgoing Student Representative Alice Houk (left) and current representatives Brian Herrin and Melissa Beck

Past Presidents

Patrick Meeus patrick.meeus@pfizer.com (2015), Karen Snowden (2014), Lora Ballweber (2013)

2012-2013 Goals:
1. Assist in hotel selection for 2014 annual meeting in Denver, CO.
2. Assist with the preparation of the annual meeting program as requested.

AAVP President Dr. Al Marchiondo presented a recognition plaque to outgoing president Dr. Patrick Meeus

Ad Hoc List Serve Manager

Bert Stromberg b-stro@umn.edu (2016)

2012-2013 Goals:
1. Maintain AAVP List Serve at the University of Minnesota.
2. Distribute electronic information on AAVP and veterinary parasitology as requested.

Awards

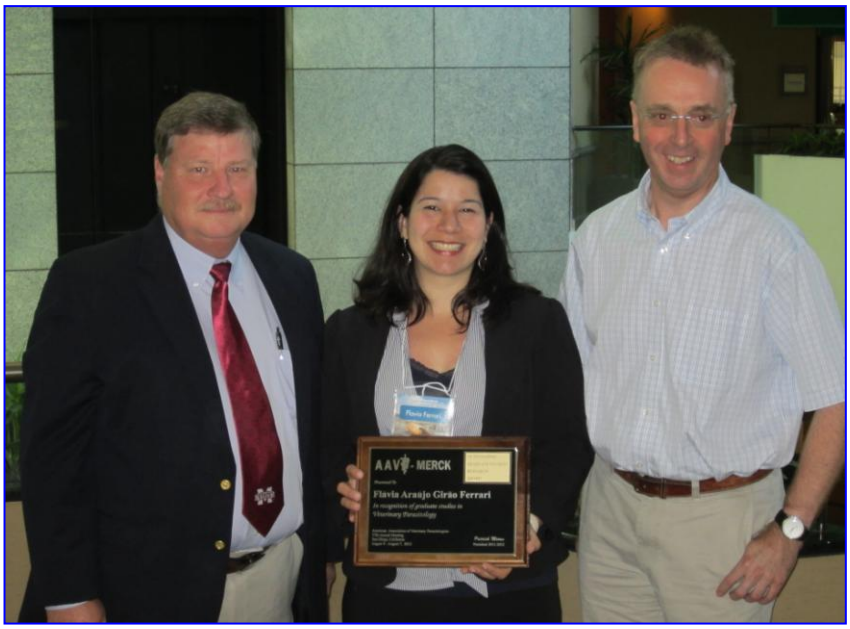
2012 AAVP-Merial Distinguished Veterinary Parasitologist Award

The AAVP Distinguished Veterinary Parasitologist Award recipient for 2012 is James E. Miller, from the School of Veterinary Medicine, Louisiana State University.

Dr. Doug Carithers (left, Merial LTD) and Dr. Andrew Peregrine (right, Awards Committee) presented the Distinguished Veterinary Parasitologists Award to Dr. James Miller (center).

2012 AAVP Student Awards

AAVP-Merck Outstanding Graduate Student Award



This year the AAVP-Merck Graduate Student award was presented to Flavia Girao Ferrari, of the College of Veterinary Medicine, Mississippi State University. Flavia gave a 25-minute talk at the beginning of the student presentations entitled “Spotted fever group rickettsiae, *Rickettsia parkeri* and “*Candidatus Rickettsia andeanae*”, associated with the Gulf Coast tick, *Amblyomma maculatum*”.

Flavia Girao Ferrari, of Mississippi State University, College of Veterinary Medicine, was awarded the AAVP-Merck Graduate Student award.

AAVP-CAPC Graduate Student Award in Zoonotic Disease

Lindsay Starkey, of Oklahoma State University, was selected as the recipient of the fifth AAVP-CAPC Graduate Student Award in Zoonotic Disease, for her research on zoonotic tick-borne pathogens.

Lindsay Starkey, of Oklahoma State University, was awarded the AAVP-CAPC Graduate Student Award in Zoonotic Disease

AAVP Young Investigator Travel Grant Award Winners

Twenty one students received Young Investigator Travel Grants to assist with attendance at the 2012 meeting. All twenty one students gave oral presentations within the scientific program. The names of the travel grant recipients, including institutions and advisors, were:

- Chris Adolph (Oklahoma State University, Susan Little)
- Ulla Andersen (University of Copenhagen, Martin Nielsen)
- Anne Barrett (Oklahoma State University, Susan Little)
- Melissa Beck (University of Lethbridge, Doug Colwell)
- Kaitlyn Briggs (Cornell University, Dwight Bowman)
- Xin Cao (George Mason University, Martin Nielsen)
- Umer Chaudhry (University of Calgary, John Gilleard)
- Brad De Wolf (University of Guelph, Andrew Peregrine)
- Javier Garza (Louisiana State University, James Miller)
- Elizabeth Gleim (University of Georgia, Michael Yabsley)
- Brian Herrin (Oklahoma State University, Susan Little)
- Patrick Hilson (Virginia Tech, Anne Zajac)
- Alice Houk (Virginia Tech, David Lindsay)
- Jesica Jacobs (West Virginia University, Scott Bowdridge)
- Francesca Jones (Murdoch University, Andrew Thompson)
- Alice Lee (Cornell University, Dwight Bowman)
- Heather Rhoden (Oklahoma State University, Susan Little)
- Jessica Rodriguez (Texas A&M, Karen Snowden)
- Barbara Shock (University of Georgia, Michael Yabsley)
- Karine Sonzogni-Desautels (McGill University, Timothy Geary)
- Bradley van Paridon (University of Lethbridge, John Gilleard)

2012 Young Investigator Travel Grant Award Recipients

Bayer Best Student Paper Award Recipients

Congratulations to Barbara Shock, from the University of Georgia, for her 1st-place presentation: “Ecology and characterization of a novel *Babesia* found in the endangered Florida puma (*Puma concolor coryi*)”. Bradley De Wolf, University of Guelph, received 2nd place in the Best Student Paper Presentation competition for his talk entitled: “Risk factors for sheep carcass condemnation due to infection with *Cysticercus ovis* on Canadian farms”. Both award winners were presented with honoraria during the awards ceremony. Melissa Beck (University of Lethbridge), Bradley van Paridon (University of Lethbridge), Anne Barrett (Oklahoma State University), and Chris Adolph (Oklahoma State University) all received honorable mentions for their presentations and will have their student registration fee for the 2013 AAVP meeting covered by the AAVP.

The 2012 AAVP Best Student Paper Award Winners. Left to right: Barbara Shock (first place): Melissa Beck (honorable mention), Bradley van Paridon (honorable mention), Anne Barrett (honorable mention), Chris Adolph (honorable mention) and Bradley De Wolf (second place).

And one very encouraging note: Nineteen students gave presentations in the 2012 Best Student Paper Competition.

Congratulations

John McCall Receives the University of Parma Seal for Excellence in Research

John McCall received the University of Parma Seal for Excellence in Research at the Third European Dirofilaria Days held in June in Parma, Italy.

The European Dirofilaria Society (EDiS) held its third meeting in Parma, Italy this past June. The EDIS, founded in 2009, is dedicated to promoting the knowledge of both *Dirofilaria immitis* and *D. repens* infections in humans and animals in European Countries. Furthermore, *Angiostrongylus vasorum* (the French heartworm) is included within the interests of the Society because this worm also resides in the lungs and heart of dogs and commonly causes clinical signs which can be severe or even fatal. The 2012 meeting was an exceptional

occasion to join international experts in the field and to exchange information, experiences and ideas on canine and feline heartworm disease and on canine angiostrongylosis, all in the beautiful setting of Parma.

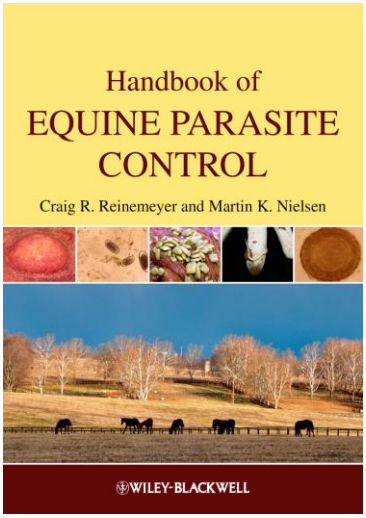
The meeting also marked an important moment for the University of Parma, which conferred on Prof. John W. McCall the University Seal for Excellence in Research. Vice pro-rector Prof. Paolo Martelli explained to all those colleagues present the motivation for the award.

"Prof. John W. McCall's contribution to the teaching and research of veterinary and human parasitology is invaluable, as is the importance of his work to the field of veterinary medicine as a whole. His profound dedication to veterinary medicine is testified by his role as Professor of Veterinary Parasitology at the University of Georgia College of Veterinary Medicine from 1970 until his retirement in 2006. He is currently Professor Emeritus at the same college. Prof. McCall has been mentor of numerous PhD students that have contributed, along with him, to the most important fields of research regarding human and animal filarial disease. Indeed, without Prof. McCall's intense research activity, it would have been impossible to achieve the current level of knowledge of the various aspects of filarial infection, including parasite biology, disease pathogenesis, diagnosis and control. His long-standing collaboration with the World Health Organization and the National Institutes of Health is testimony to the importance of his work. It is, however, Professor McCall's research activity on canine and feline heartworm disease, including his collaboration with Italian researchers for over twenty years, that brings us together today. This debilitating and often life-threatening disease was first described in the Po River Valley at the beginning of the sixteen hundreds and the area is still considered one of the most highly endemic for heartworm infection. John McCall's studies on the effect of ivermectin, and later of other macrocyclic lactones, drastically changed the way we treat and prevent disease today and saved the lives of an inestimable number of dogs and cats throughout the world. His more recent work on bacterial endosymbiosis as a target for disease treatment and control has not only allowed development of new treatment protocols in animal filarial infection, but has opened a new frontier for the control of human filariasis, as testified by the 23 million dollar research grant awarded by the Bill and Melinda Gates Foundation to the AWOL Consortium, of which he is a member. Prof. John McCall is an esteemed researcher, known around the globe for his spirit of collaboration and for the importance of his scientific contributions.

IT IS FOR THIS REASON THAT THE MEMBERS OF THE FACULTY OF VETERINARY MEDICINE AND THE RECTOR OF THE UNIVERSITY OF PARMA VOTED UNANIMOUSLY TO CONFER ON PROFESSOR JOHN W. MCCALL THE UNIVERSITY SEAL."

Announcements

AAVP members publish handbook of equine parasite control



Due to ever-increasing levels of anthelmintic resistance in equine parasites, recommendations for control of these parasites have undergone a complete overhaul. This has created a huge need for more information and guidance among veterinary practitioners, laboratory and veterinary technicians, farm managers and other equine professionals. But much conflicting information exists, and no single publication encompassing all the needed information has been available.

A new handbook has compiled all the available scientific information and translated it into practical updated information needed to control parasites in horses. Target readers are the professionals mentioned above as well as veterinary students specializing in horses and their educators. Authors are AAVP members Craig R. Reinemeyer of East Tennessee Clinical Research in Rockville, Tennessee and Martin K. Nielsen, M.H. Gluck Equine Research

Center, University of Kentucky. Both authors have spent years in equine veterinary practice before pursuing an academic career in equine parasitology. They are both board certified in veterinary parasitology and have published widely in the field.

The book features 20 real-life case stories with accompanying questions and suggested answers. These cases help illustrate the concepts presented in the book, and will help the reader to digest the information. The handbook covers all relevant information about the parasites infecting horses and their biology as well as performance and interpretation of diagnostic methods, treatment approaches and drug resistance. It will be published by Wiley-Blackwell and will be available in paperback as well as ebook format. Expected release date is November 13, 2012.

Two-year post-doctoral position available at Mississippi State University

A two-year post-doctoral position is available in a parasitology laboratory at Mississippi State University, College of Veterinary Medicine that is studying vector-borne diseases. While primary responsibilities will focus on research, there will be opportunities for involvement in parasitology teaching and diagnostics.

This position requires a Ph.D. in parasitology or a related field, and excellent written and verbal communication skills. Applicants with experiences in various areas of parasitology including, but not limited to, molecular parasitology, vector-borne systems, wildlife parasitology and parasites of veterinary or zoonotic concern, are encouraged to apply.

Interested applicants should submit a (1) cover letter; (2) curriculum vitae; and (3) contact information for three references to:

Andrea Varela-Stokes D.V.M., Ph.D.
stokes@cvm.msstate.edu

Anticipated start time is immediately or until a suitable candidate is found (expires August 2013).

Communication tools for AAVP members

The following tools are established to facilitate communication among AAVP members.

AAVP Membership Directory: This directory is maintained by the AAVP Secretary/Treasurer. All dues-paying AAVP members with registered email addresses receive email notices from the webmaster or executive committee regarding important announcements or reminders. These notices include information regarding the AAVP annual meeting, electronic ballots and voting, and publication of the AAVP newsletter.

AAVP Listserv: This electronic mailing list is maintained by the Listserv Manager and is independent of the Membership Directory. Members have the choice to opt in or opt out of this directory. The purpose of this listserv is to allow an individual 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 between members of the list and allows for fast dissemination of information to all members. If you would like to join the listserv contact Bert Stromberg at b-stro@umn.edu.

AAVP Facebook page: Any member of Facebook can join the AAVP Facebook page and 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.

Dr. James Miller AAVP Distinguished Parasitologist Award Recipient

Submitted by Dr. James Miller

I was born in Minneapolis, MN in 1944 and remember very little except for snow, mosquitoes, rhubarb with sugar, shucking peas with my grandmother and playing with matches in the attic which started a small fire. I could have burned the house down. We moved to Albuquerque, NM when I was 5 and fell in love with the mountains along with the hot/dry desert climate. I enjoyed hiking to and up the Sandia Mountains along arroyos (creeks with no water, but watch out when it rains), cactus and tumbleweeds, searching for snakes and lizards. I was also intrigued with aviation watching the military aircraft at nearby Kirkland Air Force Base and dreamed about becoming a fighter pilot. I was an avid model airplane builder and wanted to fly some of the real planes (P-51 Mustang, F-4 Corsair or P-38 Lightning) I had models of.

As I entered my high school years, we moved to Livermore, CA in 1959. I enjoyed playing baseball and football, but I was somewhat athletically challenged. On the academic side, I excelled in drafting, math and science (specifically biology). I was good at designing houses and enjoyed herpetology (snakes, lizards, frogs, turtles, etc.) field trips and science fairs. My drafting and biology teachers encouraged me to pursue either architecture or biology in college. I also remember my buddies and me experimenting with making hard cider, which was pretty good. I graduated in 1962 and was excited to have been accepted to UC Berkeley, but when my mother said, “Well, you can come home every weekend” I applied to and was accepted to the University of New Mexico. It was a new exciting adventure being away from home, but I was also in familiar surroundings.

At UNM I decided to start with a major in architecture. Why I don’t really know, maybe it was a whim, but when I got a D in Architecture Appreciation, I decided I didn’t appreciate it that much. I switched immediately to biology and continued with my herpetology interest. The Vietnam War was going strong and I was still thinking about flying. I went to the Air Force ROTC and was told to fill out a form and pick up uniforms on Monday. I then went to the Navy (yes, Navy in New Mexico, strange!) ROTC, filled out a number of forms, took a qualifying exam, got a physical exam and then had an interview. The famous words “We want you” came out of that process and I was offered a full scholarship which I accepted. I went on cruises (Navy kind) to Alaska and Hawaii and ended up with my private pilot’s license. Along the way I met this wonderful young lady (Carol Glenn) on a Christmas tree cutting “hike” in the mountains. After 3+ years of dating, we married the day after graduation and being commissioned as an Ensign in the US Navy (1966).

I immediately went to flight training at NAS Pensacola, FL and wanted to fly A-1 Skyraiders (I was not a jet man as those planes were on fire before you left the ground) if I had to go to Vietnam. Unfortunately (or fortunately!), the A-1 was phased out of the Navy and I was assigned to flight instructor duty flying the T-28 Trojan. It was a blast simulating aerial combat with acrobatics. My son Ray was born there. Ultimately, I was assigned aircraft carrier duty at NAS Quonset Point, RI flying the S-2 Tracker searching for and monitoring the activity of Russia submarines during the cold war. Flying off a carrier was one of the greatest thrills of my life. My first daughter Holly was born there. Then, in 1971, came decision time, stay for a Navy career or get out and pursue a medical career. That was easy, the people I liked were getting out and the people I disliked were staying in, therefore, medical career of some kind.

I owned and obedience trained German Sheppards and during visits to the veterinarian I saw a plaque with the famous Will Rogers saying “The best doctor in the world is the veterinarian. He can't ask his patient what is the matter-he's got to just know”. So, Vet School it would be. I visited Texas A&M and Colorado State and was told forget it as I wasn’t a state resident. I was a resident of California so I then moved my wife and 2 children to Davis, CA. At UC Davis I started a PhD in medical entomology studying circadium rhythms of mosquitoes. I then heard that a Vet School professor, Norm Baker, was looking for someone to raise fleas and test flea control products. I got the job which I hoped would give me an edge to get into Vet School.

After applying 3 times to Vet School, I was accepted based on my research background and commitment to continue. I switched my graduate program to the SVM and continued my research, under Norm, on ruminant GI nematodes as a DVM/PhD student. I graduated with the DVM in 1978 and followed up with a Food Animal Residency, still doing research. I finally finished with both an MPVM and PhD in 1982-3. My PhD research studied the year round epidemiology of the free-living stages of *Ostertagia ostertagi*, especially what happened during the hot/dry summer months when inhibition occurred. I still remember a visit (1983) by JF Michel in his 3 piece suit who told me all one needs to do good parasitology was a pail, a shovel and a small lab. He also posed a question, what happens when modern broad spectrum high efficacy anthelmintics are used indiscriminately and resistant worms survive? He said "think about it" and then turned around and left and I never saw him again. Now we all know what he meant, widespread anthelmintic resistance especially in horses and small ruminants. During my 12 years in Davis, my Naval Reserve duty, working for Norm and Carol's working were all we needed to survive (not one dime in debt), while also raising 3 (yes, one more, Crista, while there) children.

I now had to move on and applied for a clinical position at Colorado State and was told I had too much research experience. Then I applied for a research position at Iowa State and was told I had too much clinical experience. The wise Norm Baker then said I should consider going where the worms were and there was a position at LSU in the Agricultural Center's Department of Veterinary Science. I applied, but didn't get that position. While I was there, the Veterinary Science Head introduced me to the Head of the Department of Epidemiology and Community Health in the Veterinary School. I guess I was impressive enough that he offered me an unadvertised position teaching epidemiology and herd health with a 50% research effort in parasitology. It may have helped that the Dean was Everett Besch and he was partial to parasitologists. At that time Jimmy Williams and Jack Malone covered cattle parasites, Tom Klei covered horse parasites and Bonner Stewart covered swine parasites, so that left small ruminant parasites for me to take on. I hit the ground running with a number of anthelmintic efficacy and production studies while bridging with the LSU Agricultural Center that had the small ruminant resource. The farm had Louisiana Native sheep that were relatively resistance to nematode infection so my first endeavor was to document the epidemiology of this resistance and compare it to the more susceptible Suffolk breed. The difference in infection was 10 fold which peaked my interest to pursue further work on the genetics of resistance. I started with a USDA/AID (1989) grant to investigate the genetics of resistance in Red Massai sheep in Kenya. Then, I took a sabbatical leave (1992-3) to Utah State to learn some molecular genetics (with Noelle Cockett) and then on to a tour of Australian sheep genetics resources. Next was an LSU Board of Regents grant (1995) to investigate the genetics of resistance in Native sheep. That was followed by a USDA/NRI grant (1997) to investigate the genetics and host response of between breed (Native/Suffolk) resistance. That work led to a number of qualitative trait loci (QTL) that are being further evaluated for potential genetic marker assisted selection purposes. I am also a member of the International Sheep Genome Consortium and one major outcome of that effort was establishing that the Gulf Coast Native Complex is actually comprised of what can be considered 2 breeds, one originating along the southeast Atlantic coast and the other originating along the Gulf coast. With the advent of anthelmintic resistance issues, I attended the first (1995) Novel Approaches for Controlling Livestock Helminth Parasites conference held in Armidale, Australia. Subsequently, I have been on the scientific board for additional conferences held in the US (Baton Rouge), Scotland (Edinburgh), Mexico (Merida), Malaysia (Ipo), Australia (Melbourne), and the next one in France (Toulouse). After the 1998 Novel conference in Baton Rouge, a group of colleagues (Tom Terrill, Joan Burke and Ray Kaplan) and I started collaborating and eventually formed the Southern Consortium for Small Ruminant Parasite Control (now the American Consortium) in 2001. We have concentrated on integrating anthelmintic use with alternative control using the nematode-trapping fungus *Duddingtonia flagrans*, FAMACHA, copper oxide wire particles (COWP), sericea lespedeza (SL, condensed tannin forage) and a hidden gut *Haemonchus contortus* vaccine. We have also investigated the mechanism of action of COWP and SL. These efforts have been supported by USDA SARE, USDA Capacity Building, and USDA SBIR grants. I have also participated in and chaired USDA Regional Projects W-102, NRSP-8, NCERA-190/214 and SCC-81. My latest venture has been working with zoos which have anthelmintic resistance issues precipitated by extensive use of anthelmintics and limited exhibit areas. The epidemiology of infection and identification of high risk hoofstock species was done at Disney's Animal Kingdom, Busch Gardens

Tampa and San Diego Zoo Safari Park. This was a diligent undertaking by a dedicated PhD student and the cooperation from the participating zoos was superb. The use of COWP, SL and *D. flagrans* is now being investigated for control where it is deemed useful.

My primary teaching includes ruminant parasitology in the professional curriculum and epidemiology and introduction to research courses in the Veterinary Medical Sciences graduate program. In addition, Bonner Stewart and I started (1986), and I continue to teach, an undergraduate course addressing parasites and animal production in the Animal Science curriculum. I am a member of numerous professional organizations and have continuously presented my work at professional and producer meetings/conferences. In my tenure at LSU I have finished 18 MS and 9 PhD students and currently have 2 MS and 4 PhD students. I appreciate that the LSU SVM recognized me for my successful career by being named the Everett D. Besch Professor of Veterinary Medicine. I am also honored to have been asked to be the Interim Associate Dean for Research and Advanced Studies when Tom Klei became the LSU Interim Vice Chancellor for Research and Economic Development.

I want to especially thank Carol, my wife of 46 years, for standing by me and encouraging me along this sometimes rough academic road. My 3 children have turned out pretty good in my humble opinion and are successful professionals. My 7 grandchildren are growing like weeds.

Finally I want to sincerely thank everyone who has been involved with my career and especially Merial and AAVP for the honor of being named the 2012 Distinguished Veterinary Parasitologist. Retirement sometimes sounds good, but when?

Future Parasitology Meetings

Future meetings of the AAVP

2013 CHICAGO, IL, July 20-23
2014 DENVER, CO, July 26-29
2015 BOSTON, MA, July 11-14

American Society of Tropical Medicine & Hygiene (ASTMH) 2012

The 61st annual meeting of ASTMH will be held November 11-15 at the Atlanta Marriott Marquis Hotel Atlanta, Georgia, USA. http://www.astmh.org.

Conference of Research Workers in Animal Diseases (CRWAD) 2012

The 2012 CRWAD meeting will be held December 2-4, at the Chicago Marriott, Downtown Magnificent Mile, Chicago, IL. AAVP continues to support the best student competition in the parasitology section of the CRWAD meeting. http://www.cvmbs.colostate.edu/mip/crwad/index.htm

The International Symposium of Ectoparasites in Pets (ISEP) 2013

The 2013 ISEP meeting will take place in Munich, Germany on 7th - 10th April 2013**.** The Institute of Comparative Tropical Medicine and Parasitology of the veterinary faculty of the Ludwig Maximilians University, welcomes this unique opportunity to host the global community of experts in ectoparasites in pets in Munich. The symposium is planned to cover entomology, vector born diseases, parasiticides and resistance issues. If you are interested, please inquire at isep@klifovet.com.

World Association for the Advancement of Veterinary Parasitology (WAAVP) 2013

The 24th International Conference of the World Association for the Advancement of Veterinary Parasitology will be held 25-29 August 2013 at the Perth Exhibition Centre, Perth, Western Australia. Additional information can be obtained at http://www.waavp.org/node/12.

2012 Meeting Photos

Social Hour

Graduate Students "Speed Dating" for Career Options

The American Association of Veterinary Parasitologists

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

AAVP Newsletter Deadlines for Submissions

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

Please contact the editor with questions regarding these dates.