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# AAVP Newsletter

American Association of Veterinary Parasitologists

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February, 1999

Volume 21, Number 1

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## From the President

### Dear AAVP Member:

This is an important newsletter because it serves both as a reminder of our upcoming annual meeting, and it is your chance to indicate your choice for Vice-President and for the two newest members of the nominations committee. Please take the time to vote. Too many times, less than half the total membership returns their ballots. For AAVP to remain the vibrant organization that it is, we need committed people as officers. Look carefully at the short biographical sketches of the candidates and chose those that you think will take AAVP in the directions you feel are most appropriate.

Also, this is the time to begin planning for the meeting in New Orleans. For those of you who have never been to New Orleans, I think you will enjoy your stay in this truly unique American city. The atmosphere is distinctive, the food is wonderful, and there are plenty of places open at all hours for your entertainment. On the scientific side, Tom Kennedy has put together a wonderful program, including invited symposia speakers. Like the city itself there will be something for everyone. Hope to see you all in New Orleans! Lou Gasbarre, President AAVP.

### President's Symposium

The President's Symposium at the 1999 AVMA/AAVP meeting on Tuesday July 13, 1999 is entitled Equine Parasitology: Current Problems and Potential Solutions. The schedule is as follows: 8:00 AM - Transmission and Control of Small Strongyles of Horses, Dr. Craig Reinemeyer, Knoxville, TN. 8:45 AM - Pathogenesis and Immunity to Small Strongyles of Horses, Dr. Thomas Klei, Louisiana

State University, Baton Rouge, LA. 9:30 AM – Break. 10:15 AM – Equine Protozoal Myeloencephalitis: Possums, Parasites and Paresis, Dr. John Dame, University of Florida, Gainesville, FL. 11:00 AM - Ehrlichial Infections of Horses, Dr. Sidney Ewing, Oklahoma State University, Stillwater. OK *Submitted by Lou Gasbarre.*

## From the Secretary/Treasurer

**1999 Meeting:** Preparations are underway for the 1999 meeting in New Orleans, Louisiana 10-13 July, so mark you calendar. Tom Kennedy (Program Chair) and President Lou Gasbarre are working on putting in place a very exciting program. New Orleans will be a great host city, but be prepared for warm weather. The AVMA has selected the Hotel Inter-Continental for all the

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AAVP meetings, so be sure to request this venue on the housing form. Housing forms from the AVMA housing bureau will be available in JAVMA in April; I will send a copy of this form to everyone in March along with the pre-meeting information and registration forms. Try to get your room reservation confirmed as early as possible to help to ensure that you get into this hotel.

**1999 Dues.** In the last mailing I reminded every member to pay their 1999 dues and any past dues from previous years. Thanks for the great response and timely payment by most members. If I have made a mistake for requests for past dues or if you have any questions, please call (317) 277-4439 or send me an email [snyder\\_daniel\\_e@Lilly.com](mailto:snyder_daniel_e@Lilly.com).

#### **Addresses and Telephone numbers:**

Please send any changes in your address, telephone, email or fax number to me. You can make these changes on the annual dues renewal form or send me an email or Fax with this information at other times of the year. We will continue the process instituted by Tom Kennedy of putting the most up-to-date membership listing in each years annual proceedings book so please help me keep the directory up to date and accurate. Submitted by Dan Snyder, Secretary-Treasurer, AAVP. Dr. Daniel E. Snyder, c/o Elanco Animal Health, Mail drop GL18, PO Box 708, Greenfield, IN 46140, phone: 317/277-4439, fax: 317/277-4532 ,email: [snyder\\_daniel\\_e@Lilly.com](mailto:snyder_daniel_e@Lilly.com).

*Submitted by Dan Snyder.*

#### **News in Brief**

##### **IVOMEC Premix for Swine Approved for Top Dress Treatments**

Iselin, N.J. Oct. 15, 1998 - IVOMEC® (ivermectin) Premix for swine, the only premix available to treat worms, mange and lice, is now labeled for use as a Type C Medicated Feed top dress for individual treatment of adult swine. IVOMEC Premix for swine is the only medicated feed available that provides broad-spectrum control against both internal and external parasites. When producers are already dealing with fairly small windows of opportunity to treat their herds

for parasites, it's very difficult to regulate the gestation cycles of multiple sows into a single treatment schedule. That is why it is important for producers to have the opportunity to treat individual adult swine with an effective top dress. Since 1994, producers have had the option of treating their herds for internal and external parasites by using IVOMEC Premix for swine in the feed. Now, with the new top-dress option, they can treat individual or small groups of sows in their operation on a need-to-treat basis. Parasites can reduce feed efficiency, weight gain, and overall sow productivity. Leaving herds untreated can eventually affect the bottom line. Efficiency is the driving force behind the swine industry today. Offering IVOMEC Premix for swine as a top dressing is another way to help producers save time and money with a proven, reliable product. To enable convenient and accurate dosing with this product, Merial will offer specially designed premix scoops for producer use. The scoops are available to producers through animal health providers and product suppliers. *Submitted by John J. Melancon Merial, Iselin, N.J.*

#### **Research News**

##### **Description of a new *Neospora* species (Protozoa: Apicomplexa: Sarcocystidae)**

Antoinette E. Marsh, Bradd C. Barr, Andrea E. Packham, and Patricia A. Conrad, *Journal of Parasitology* 84(1998): 983-991.

Summary of report: One of the first reports of equine neosporosis was documented in an aborted fetus by J.P. Dubey and M.L. Porterfield (Dubey and Porterfield, 1990). Since that report in 1990 there have been several other groups that have documented *Neospora* infection in horses as single case reports. However, the incidence of *Neospora* exposure/ infection in horses is unknown whereas, in cattle and dogs serological data and retrospective histological studies are available. Thus far, the *Neospora caninum* isolates obtained from cattle and dogs in different continents cannot be distinguished by molecular, antigenic, or ultrastructural features.

Characterization studies on the *Neospora* parasites detected in horses and other hosts besides cattle and dogs have been limited because only parasites in paraffin-embedded tissues were examined; whereas, in this study culture-derived parasites isolated from infected equine tissues were utilized. The description of this new *Neospora* species, *Neospora hughesi*, is based upon molecular, antigenic and ultrastructural differences detected from this equine isolate as compared to bovine and canine *N. caninum* isolates. When *N. hughesi* was established as a new species, the definitive host of *N. caninum* was unknown. It is unknown if *N. hughesi* uses the canine for its definitive host as reported for *N. caninum*. The analysis of the nuclear small subunit (nss) and internal transcribed spacer (ITS) ribosomal RNA genes have been used in a number of systems to measure evolutionary distances between organisms. The nss and ITS 1 RNA genes suggest that *N. hughesi* and *N. caninum* are closely related based upon the similarity of the nss-rRNA gene, but have evolved so that distinct differences are detected in the ITS-1 region. In addition, distinct protein differences have been detected between *N. hughesi* and *N. caninum*, which further suggest evolutionary changes between these two parasites. Polyclonal antibodies against *N. hughesi* and *N. caninum* cross-react against commonly shared antigens; therefore, polyclonal antibodies against whole parasites can not be used to distinguish these two parasite species using immuno-histochemical staining of parasites in paraffin-embedded infected tissues. Differences were seen in the ultrastructural analysis of *N. hughesi* and *N. caninum*. Putative plastid-like structures could also be seen in low power electron photomicrographs of *N. hughesi*. *Neospora hughesi* was isolated from a horse diagnosed with equine protozoal myeloencephalitis (EPM) (Marsh et al., JAVMA, 1996). *Sarcocystis neurona* has primarily been associated with EPM; however, improved detection and identification methods have allowed diagnosticians to differentiate protozoal parasites that can cause encephalitides. It is unknown if other cases of equine neosporosis

can be attributed to *N. hughesi* or *N. caninum*, but characterization of additional equine isolates using specific criteria will assist in the differentiation of these two parasites. Submitted by Antoinette E. Marsh D.V.M., Ph.D. ð

## Committee Reports

### AAVP Awards Committee Report for 1998

The awards committee selected the following individuals for awards in 1998. These awards were presented at the 1998 AAVP business meeting. Seven Student Travel Grants were awarded in 1998. These included awards to Alexandra Baudena of Louisiana State University (advisor Tom Klei), a second year award to Jaap Boes of the Danish Center for Experimental Parasitology, Denmark (advisor Peter Nansen), Brenda Ralston-Chalmers of the University of Calgary (advisor M.E. Olson), a second year award to Nicole Guselle of the University of Calgary (advisor M.E. Olson), Doug Hutchens of the University of Illinois (advisor Al Paul/Carl Jones), John Shiens Mathew of the Oklahoma State University (advisor Sid Ewing), and Maria T. Pena of Louisiana State University (advisor Jim Miller). There was an 8<sup>th</sup> travel grant submitted, but this student won the Graduate Student Award.

Hoechst-Roussel Vet Graduate Student Award: The committee selected Ryan O’Handley Ph.D. graduate student at the University of Calgary (Nominated by M.E. Olson).

The AAVP Distinguished Veterinary Parasitologist Award (sponsored by Pfizer Animal Health) was awarded to Dr. Ralph Lichtenfels of the Agricultural Research Service of the United States Department of Agriculture, Beltsville, Maryland.

No nominations were received for the Distinguished Service Award in 1998. Respectively submitted, Daniel E. Snyder, 1998 Chair, AAVP Awards Committee. Committee Members: Bob Arther, Joan Lunney, Charles McKenzie, Mukund Parkhie, Terry Skogerboe, Ann Zajac.

### **Awards Committee Nominations Request**

The AAVP Awards Committee would like to receive nominations for the following awards **by April 1, 1999:**

1. Distinguished Veterinary Parasitologist Award.
2. AAVP-Hoechst Roussel Vet Graduate Student Award.
3. AAVP Distinguished Service Award.
4. AAVP Student Travel Grant.

A complete description of the awards, criteria for selection and nomination procedures can be found on pages 10 to 15 of this issue of the Newsletter. Please note the changes in the eligibility of students for the Graduate Student Award. Please submit nominations to Dr. Terry L. Skogerboe, Chair, AAVP Awards Committee, Pfizer Animal Health, One Pfizer Way, Lee's Summit, Missouri 64081-2998. Phone: (816) 246-2281, Fax: (816) 246-2402; E-mail: Skoget@pfizer.com. *Submitted by Terry L. Skogerboe.* ð

### **Positions Available**

#### **Faculty Positions, Eastern Illinois University**

Three tenure-track Assistant Professorships - August 1999, contingent upon funding. Ph.D. required. Candidates must have strong commitments to undergraduate education and establish research programs involving undergraduates and Masters students.

**Plant Ecologist** - Preference given to individuals working in community, ecosystem, or landscape ecology. Teaching responsibilities include general ecology, plant ecology, and a course in area of expertise. Chair: Tom Nelson (cftan@eiu.edu)

**Vertebrate Biologist** - Preference given to individuals working in functional morphology or herpetology. Teaching duties include comparative anatomy, vertebrate natural history, and a course in area of expertise. Chair: Robert Fischer (cfruf@eiu.edu)

**Evolutionary Biologist** - Research area open to any taxonomic group or organizational level; preference given to individuals working with

modern molecular techniques. Teaching duties include evolution, systematics and a course in area of expertise. Chair: Gary Fritz (cfgnf@eiu.edu).

Application should include a letter of application, curriculum vitae, transcripts, three letters of reference, and a statement of teaching and research interests. Submit by December 15th to the appropriate: Search Chair, Department of Biological Sciences, Eastern Illinois University, 600 Lincoln Avenue, Charleston, IL 61920. Fax: 217-581-7141. Eastern Illinois University is an Equal Opportunity/Equal Access/Affirmative Action Employer committed to achieving a diverse community.

#### **Assistant Professor, Food Parasitologist**

The Center for Food Safety and Quality Enhancement (CFSQE) at the University of Georgia invites applications for a full-time, tenure-track Assistant Professor, 100% research position. The successful candidate will develop a research program in the area of food parasitology and assist in the outreach programs of CFSQE and Department of Food Science and Technology. Securing extramural funding for research and recruitment and advising graduate students will be expected. In addition to developing a research program in the areas of detection and control of parasites in foods, the successful candidate will be expected to work cooperatively with other faculty and staff and industry personnel. A Ph.D. in Parasitology, Microbiology, Molecular Biology, or a closely related field is required, and research experience with waterborne and foodborne parasites (including *Giardia*, *Cryptosporidium*, *Cyclospora*, *Toxoplasma*, or *Isospora*) is highly desired. Women and minorities are encouraged to apply. The CFSQE web page address is <http://www.griffin.peachnet.edu/cfsqe/>. Applicants should submit a curriculum vitae detailing background and capability to conduct research and outreach programs, a transcript of academic records, and the names, addresses, and telephone numbers of five references to Dr. Larry R. Beuchat, Chair, Search Committee, Center for Food Safety and Quality Enhancement, University

of Georgia, 1109 Experiment Street, Griffin, GA 30223-1797, (Tel. 770-412-4740; fax 770-229-3216). Applications received by March 31, 1999 are assured of consideration.

**NIH Funded Postdoctoral Research Position, available Jan 1999**

Position available for research in signaling pathways in pregnancy-induced reactivation and transmission of arrested hookworm larvae. Ph.D. in molecular biology, biochemistry or related field required. Preference will be given to candidates with experience in the *Caenorhabditis elegans* field/ protein expression/ receptor biology. Please send C.V. and names of 3 references to: Prema Arasu, Ph.D., D.V.M., College of Veterinary Medicine, North Carolina State University, 4700 Hillsborough Street, Raleigh, NC 27606, Tel: (919) 821-9530; Fax: (919) 829-4455, Email: Prema\_Arasu@ncsu.edu.

**Assistant to Full Professor of Molecular Microbiology, University of Tennessee, Knoxville, TN**

The Department of Microbiology seeks to fill an academic position at any rank from assistant (tenure-track) to full-professor (tenured after one year in residence). Candidates must have a Ph.D. in microbiology or a related area, postdoctoral experience in research and publications in reviewed journals of excellent quality. They must also have interest in teaching at the graduate level in their area of expertise and at the undergraduate level in microbial physiology and genetics. Candidates for assistant professor must have the capacity to field a research program in molecular microbiology fundable at the national level. Candidates for higher ranks must have experience in supervising graduate students and postdoctoral fellows and be involved in research in molecular microbiology funded at the national level. Applicants should send a letter of interest accompanied by a curriculum vitae, bibliography, statement of research and teaching interests and names of three referees to: Dr. Dwayne C. Savage,

Chairman, Search Committee, University of Tennessee, Department of Microbiology, M409 Walters Life Sciences Building, Knoxville, TN 37996-0845. Evaluation of applicants will begin on February 1, 1999. The University of Tennessee is an EEO/AA/Title IX/Section 504/ADA Employer.

**Assistant Professor in Parasitology**

The Department of Veterinary Pathology, College of Veterinary Medicine, Iowa State University, Ames, Iowa, is seeking qualified candidates for a full-time, tenure-track position. Position is 60% research and 40% service and teaching. Candidate should have a strong background in biochemistry, cell biology or molecular biology, and be committed to develop an active, funded research program in parasitic diseases of international or national economic importance. Teaching assignments will include team teaching one professional and one graduate course in parasitology. Mentoring graduate students is expected. Participation in parasitologic diagnostic service is optional. The DVM and PhD are required; research experience in helminthology is desirable. Salary is negotiable depending on the experience, training and accomplishments of the candidate. Application deadline is April 15, 1999. Send a letter of application, curriculum vitae, names of three references and a summary of current research to: Dr. Norman F. Cheville, Department of Veterinary Pathology, College of Veterinary Medicine, Iowa State University, Ames, IA 50011-1250. Iowa State University is an EO/AAE.

**Veterinary Graduate Academic Fellowship in Microbiology/Immunology**

A Veterinary Graduate Academic Fellowship is offered in Microbiology/Immunology, in the Department of Pathology, Microbiology and Immunology, at the School of Veterinary Medicine, University of California, Davis. The salary range is 19,608 - \$32,300 per year dependent upon qualifications and/or experience (indexed to NIH scale). Student health

insurance and in-state fees will be paid. Out-of-state tuition is not covered. The term of the fellowship is one year with start date negotiable. There is possible renewal up to a maximum of four years, with expectation that extramural funding to cover salary will be sought by faculty mentor/student within the first year of study. Applications will be accepted until February 26, 1999 or until filled.

Qualifications include a DVM (or equivalent degree) and acceptance by UCD Graduate Division and appropriate graduate group program. Minimum of 3.5 GPA required and must be maintained. Must demonstrate high potential, promise and desire for an academic career in teaching and research. Demonstrated teaching and research experience or potential in pathogenic veterinary microbiology or immunology is required. Preference will be given to US citizens or permanent residents.

Responsibilities will be to provide instructional support in the department's laboratory programs in pathogenic veterinary microbiology (bacteriology, virology and parasitology) and immunology and conduct research under the guidance of one of the departmental faculty members whose research areas is best suited to the appropriate field of graduate study. Faculty within the department have a variety of different research programs that stress host-pathogen interactions in infectious diseases. Current strengths within the department include molecular immunology and leukocyte antigen biology, diseases of zoo and free ranging animals, and pathogenic mammalian virology, bacteriology and parasitology. Excellent opportunities for graduate research training are provided through these programs and interaction with other units within the School and campus such as the California Regional Primate Center, Institute for Toxicology and Environmental Health, Wildlife Health Center, Center for Equine Health, and the California Veterinary Diagnostic Laboratory Systems.

Applications must include transcripts of all college and professional course work, three letters

of reference, and a narrative outlining future academic and professional goals. Concurrent application for admission to UCD graduate group/program is also suggested, as successful admission is required to receive the fellowship. Women and ethnic minorities are encouraged to apply. Send applications or direct inquiries to: Dr. N.J. MacLachlan, Chairman, Department of Pathology, Microbiology and Immunology, University of California, Davis, Davis, CA 95616-8732, phone: (916) 752-1385; FAX (916) 754-8124.

## **2 Research Immunologist Positions at the Immunology and Disease Resistance Laboratory, LPSI, Agricultural Research Service, USDA, Beltsville, MD**

**Position 1. Bovine immunity and response to parasitic infections.** The Immunology and Disease Resistance Laboratory, LPSI, Agricultural Research Service (ARS), USDA, Beltsville Agricultural Research Center, Beltsville, MD, is seeking a permanent full time scientist to develop a productive research program to characterize the bovine immune system and design methods to use host immunity to attenuate parasitic infections with special emphasis on efforts to control *Neospora caninum*. The scientist will be assigned to the research program on cattle immune responses to both nematode and protozoan parasitic infections and will serve as a member of a research team whose aim is to prevent parasite-induced losses in cattle. In association with the research team, the scientist will be responsible for initiating, planning, coordinating, evaluating, and reporting all aspects of the assignment and will be expected to collaborate with scientists within and outside of the ARS. The scientist's experiments should be directed at further elucidating our understanding of the bovine immune system. Successful candidates must demonstrate a firm educational and technical foundation in both immunology and molecular biology, the ability to apply immunologic and molecular biological techniques in either the study of infectious diseases or in the study of host

mucosal immunity, and the appropriate skills needed for the independent performance of research investigations.

**Position 2. Bovine immunity and responses to mastitis infections.** The Immunology and Disease Resistance Laboratory, LPSI, Agricultural Research Service (ARS), USDA, Beltsville Agricultural Research Center, Beltsville, MD, is seeking a permanent full time scientist to develop a productive research program on mastitis in dairy cattle. The research team's aim is to prevent mastitis in cows, prevent the contamination of the food chain by antibiotics and germicides, and minimize the development of resistant strains of bacteria. Within this program, the scientist will conduct research to characterize the bovine immune system and to develop means of enhancing the immune system in defense of bacterial infections of the mammary gland. In association with the research team, the incumbent is responsible for conceiving, planning, coordinating, evaluating, and reporting all aspects of these studies. The individual will collaborate with scientists within and outside of ARS on mastitis studies. Successful candidates must demonstrate a firm educational and technical foundation in immunology and specifically in cell-mediated immunity, knowledge of techniques for conducting immunization and bacterial challenge studies with ruminants, and the appropriate skills needed for the independent performance of research investigations.

Further information: U.S. citizenship is required. Salary range (GS11/12) is \$40,714 - 63,436 per annum and is commensurate with experience (Ph.D. desired). These positions have specific education and experience requirements and factors that must be addressed, therefore, candidates must request copy of vacancy announcements by calling 301-504-1484, or from the Internet at [www.ars.usda.gov/afm/hrd/resjobs](http://www.ars.usda.gov/afm/hrd/resjobs). Vacancy announcement numbers for these positions are ARS-D9E-9146 for the mastitis researcher and ARS-D9E-9147 for the parasitic infections assignment. Applications must be postmarked by March 1, 1999. For information on

the research program contact Dr. Joan Lunney at 301-504-8201. USDA/ARS is an equal opportunity provider and employer. Joan K. Lunney, Ph.D., Research Leader, Immunology and Disease Resistance Laboratory, LPSI, ARS, USDA, Building 1040, Room 107, Beltsville, MD 20705, PH: 301-504-8201 or -9368, FAX: 301-504-5306, email: [jlunney@lpsi.barc.usda.gov](mailto:jlunney@lpsi.barc.usda.gov).

### **Foundation Professor of Marine Studies and Director of the Center for Marine Studies**

Applicants with a sense of adventure who are eager to direct research and teaching, and the success of 3 research stations, a School of Marine Science and an Aquaculture Unit associated with the Great Barrier Reef and coastal Queensland would be suited for the position. The incumbent will seek to integrate all activities concerning the marine environment across the University of Queensland in Anthropology, Botany, Biochemistry, Chemistry, Economics and Management, Engineering, Health and Veterinary Services, Law, and Tourism. They will develop existing programs and establish new postgraduate courses and research for fee-paying international students, and consolidate income from external sources to maintain 3 marine research stations and a fleet of small seacraft. Application forms and particulars can be obtained from Ms. Sue Lowrey, Personnel Officer, Faculty of Biological and Chemical Sciences, Personnel Division, University of Queensland, Brisbane, Queensland 4072, AUSTRALIA, TEL: 61-7-3365 7946; e-mail: [s.lowrey@mailbox.uq.edu.au](mailto:s.lowrey@mailbox.uq.edu.au).

### **Parasitologist/Invertebrate Zoologist**

Starting March, 1999 for 12 months (We are seeking 2nd yr funding) we need a parasitologist to help investigate the impact of parasites, especially the tapeworm *Bothriocephalus acheilognathi* on the endangered humpback chub (*Gila cypha*) in the Little Colorado River. The individual will be responsible for field collection of fish; field and lab dissections of various fish species; identification of various parasites; zooplankton

sampling and identification, laboratory investigations of water temperature and flow on transmission dynamics of *B. acheilognathi*. Minimum requirements are a BS or BA degree (Prefer MS degree) in life sciences with course work in parasitology or practical/research experience in parasitology. The ability to work under strenuous field conditions is a must. Salary minimum 27k with benefits, 40 h per week with federal holidays. Work will take place at the USGS, BRD, National Wildlife Health Center in Madison, Wisconsin and Little Colorado River, Grand Canyon, Arizona. Please send a CV and list of 3 references to: Dr. Rebecca A. Cole, Parasitologist, USGS, BRD, NWHC, 6006 Schroeder Road, Madison, WI 53711, e-mail: [Rebecca\\_Cole@usgs.gov](mailto:Rebecca_Cole@usgs.gov).

## Database Information

### Free Pharma/Biotech Jobs Database

A free Pharma/Biotech career research tool is now available from Symbios, Inc. This website offers a searchable database featuring the complete job listings of nearly 500 companies within the Biotechnology (both Human and Agricultural), Pharmaceutical, Medical Device and Instrumentation industries. The positions offered cover the full spectrum from Entry Level to Senior Management. <http://www.symbiosinc.com>. Faculty members are encouraged to post or forward this message to finishing Graduate and Undergraduate students.

### New AAVP Website Design!

The AAVP's home page has gotten a new design by a professional (who owed me a big favor, hence the free artwork). The web address still remains: [www.vetmed.ufl.edu/aavp](http://www.vetmed.ufl.edu/aavp). Submitted by *Charlie Courtney*.

### Parasite Blast Searches: Using Parasite Genome Databases to Streamline Your Results

We've probably all had the same experience: the great new gene you've cloned from parasite X seems to only be homologous to uncharacterized mammalian ESTs when analyzed by the NCBI BLAST server. If this sounds

familiar, you may want to try analyzing your DNA sequence using the parasite genome databases that can be accessed through the Filarial Genome Project Home Page. This BLAST server site ([http://www.ebi.ac.uk/parasites/parasite\\_blast\\_server.html](http://www.ebi.ac.uk/parasites/parasite_blast_server.html)) allows you to compare your sequences not only to those in filarial databases, but also to trypanosome, *Leishmania*, kinetoplastid, *Plasmodium*, *Toxoplasma*, *Cryptosporidium*, Apicomplexan, and *Shistosoma* databases. Possibly the most helpful database for nematodologists is the 'all nematode bar *C. elegans*' which eliminates *C. elegans* background for a more focused search. This particular server performs your analysis and sends the results back via e mail, and is maintained by Martin Aslett of the WHO Computing Resource Centre at the European Bioinformatics Institute. While you're waiting for your result, you might want to peruse the FGP site (<http://math.smith.edu/~sawlab/fgn/filgen1.html>) to learn more about filarial biology, the FGP, and other parasite genome projects. Happy searching! Submitted by *Shelly Michalski MS, Washington University School of Medicine, Washington University School of Medicine Department of Molecular Microbiology and Microbial Pathogenesis, Mailing address: Barnes-Jewish Hospital North, Division of Infectious Disease Box 8050, 216 S. Kingshighway, St. Louis, MO 63110 phone: 314-454-7876; fax: 314-454-5293 mlmichal@artsci.wustl.edu.* ☺

### American Society for Parasitology Website

Check out the ASP web page at <http://www-museum.unl.edu/asp/>

## Future Meetings

### The Interrelationships of the Platyhelminthes, 14-16th July 1999

A preliminary program and further details will soon be updated on the following web pages. A number of North Americans will be here as invited speakers and perhaps other ASP or AAVP members would be interested in presenting posters or attending the conference. <http://www.linnean>.

org.uk/MEETING/MEETING.HTM. *Submitted by Tim Littlewood. D.T.J. Littlewood Division of Parasitic Worms, Department of Zoology, The Natural History Museum, Cromwell Road, London SW7 5BD, England. e-mail: dtl@nhm.ac.uk tel: +44 171 938 9479 fax: +44 171 938 8857.*

### **Annual Conference of the Australian Society for Parasitology**

The Annual Conference of the Australian Society for Parasitology is to be held 26th to 30th September 1999. The venue is the Capricorn International Resort which is located near Rockhampton, right on the Tropic of Capricorn and adjacent to the Great Barrier Reef. Several scientific symposia are planned. Fitting the theme of the meeting which is "Beef and Reef" there are symposia entitled "Beef" and "Reef" dealing with bovine and marine parasites, respectively, as well as one on Schistosomes and one on ectoparasitology. In addition there will be a raft of contributed papers, many on veterinary themes. Information can be found on; <http://www.anu.edu.au/bambi/ASP/> where registration information will soon be available. Come and stick your toe in the water of Australian Parasitology. *Submitted by Dr. Nick Sangster, President - Australian Society for Parasitology, Department of Veterinary Anatomy and Pathology (Building B14), University of Sydney, 2006, AUSTRALIA, phone: +61 2 9351 2025 fax: +61 2 9351 7348, mobile (Australia only) 0411 026 827.*

### **Future Meetings of the AAVP**

#### **From the 1999 AAVP Program Chair:**

Preparations are underway for the meeting in New Orleans, LA 10-14 July. New Orleans promises to be a great venue for the AAVP as it will certainly be a "hot time" in the old town those nights! Jimmy Williams has the honor of submitting the first abstract for 1999, now safely ensconced in the AAVP meeting file. Jimmy is worried that he will be the only one submitting an abstract so please make sure you are readying your papers for the meeting. Remember that the deadline for abstracts is 1 March. If you have a real problem with that date, please call, fax or email to discuss. If you are in need of additional abstract forms, let Dan Snyder know ASAP. Abstracts should be submitted to Tom Kennedy, Bayer Animal Health, 9009 West 67th Street, Merriam, KS 66202. Contact info: (913) 962-2890 or 800 255-6517, fax (913)268-2541, email to [tom.kennedy.b@bayer.com](mailto:tom.kennedy.b@bayer.com). We have committed to several exciting invited special presentations as part of the scientific program. As always, the social aspects of the AAVP meeting will be covered as well. Make your hotel registrations as soon as you see the forms available in order to be close to the action. See you in New Orleans! *Submitted by Tom Kennedy, Program Chair.*

1999 - July, New Orleans  
2000 - Salt Lake City, Utah  
2001 - Boston  
2002 - Nashville  
2003 - Denver

### **Awards Application Forms and Directions**

# STUDENT TRAVEL GRANT APPLICATION FORM

(please type)

Applicant's Name: \_\_\_\_\_

Department: \_\_\_\_\_

University: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

Name of Applicant's Sponsor: \_\_\_\_\_

Title of paper to be presented at the AAVP meeting: \_\_\_\_\_

\_\_\_\_\_

Estimated cost to attend meeting: \$ \_\_\_\_\_

Amount requested from AAVP: \$ \_\_\_\_\_

Amount of matching funds: \$ \_\_\_\_\_

Total from both sources: \$ \_\_\_\_\_

Source of matching funds: \_\_\_\_\_

Signature and title of person authorized to commit matching funds:

\_\_\_\_\_  
Signature Title

Applicant's Signature: \_\_\_\_\_

Sponsor's Signature: \_\_\_\_\_

**THIS FORM MUST ACCOMPANY SUPPORTING LETTER FROM AAVP MEMBER WHO IS SPONSORING APPLICANT AND ABSTRACT OF PAPER**

## Guidelines for AAVP Awards

### Instructions for Application for AAVP Student Travel Grant

1. Applicants must be full-time DVM or graduate students enrolled in an accredited institution of higher learning.
2. Only a student presenting a paper or poster at the annual meeting of the American Association of Veterinary Parasitologists (AAVP) is eligible to apply for a student travel grant (STG).
3. STG funds must be applied to travel to the AAVP meeting held during the year in which the application was made.
4. The applicant must be sponsored by an active, full member of the AAVP. The sponsor's signature is required on the application.
5. A STG will be awarded only when funds equal to the amount requested from the AAVP are available from another source (s) for support of applicant's travel. The source (s) of matching funds and the signature of the person authorized to commit funds are required on the STG application.
6. The total amount of STG funds requested by an applicant in a single year will be **matched** by the AAVP **up to** a maximum of and may not exceed \$500.00.
7. An estimate of the total cost of travel to and from the AAVP meeting must be provided on the STG application.
8. The total number of STG's to be awarded each year will depend on the availability of funds, number of applicants and location of the meeting.
9. The completed application form with all necessary signatures, the one page letter of support from the AAVP member sponsoring the student and the abstract of the student's paper/poster must be sent to the Chair of the Awards Committee.
10. Selection of awardees from applicants fulfilling all of the above-mentioned requirements will be judged primarily on two criteria: (1) the written and apparent scientific quality of the abstract; and (2) the one-page supporting letter explaining and documenting the significance of the research to be reported by the student and indicating why the student is deserving of this award.

## Distinguished Veterinary Parasitologist Award

**Origin** - This award was established to recognize outstanding contribution of an AAVP member to the advancement of Veterinary Parasitology.

**Criteria for Nomination** - This is an award that honors contributions to veterinary parasitology that are widely recognized internationally as significant and important to the understanding and control of parasitic diseases of animals.

**Procedure for Nomination** - Solicitation of nominations for the award will be announced annually in the AAVP Newsletter. Any member of the AAVP may nominate a candidate by forwarding a letter of nomination describing the candidate's worthiness for the award and a copy of their CV to the Chair of the Awards Committee. The nominator should arrange for **3** letters to be written in support of the nomination by members of the AAVP and sent to the Chair of the Awards Committee. Only 3 letters of support plus the letter of nomination will be considered by the Awards Committee. To expedite the process and to ensure that all of the letters of support arrive prior to the April 1st deadline, it is recommended that the nominator assemble the entire packet of information in support of the nominee, including the **3** letters, and send everything in one mailing to the Chair of the Awards Committee.

**Selection** - All documents provided in nomination of the candidate will be forwarded to all members of the Awards Committee. The selection of a recipient will be made by written ballot based on evidence of the nominee's contribution to the advancement of veterinary parasitology.

**The Award** - The recipient will be honored at the annual meeting of the AAVP and will receive a plaque and a \$1500 monetary award provided by Pfizer Animal Health. The AAVP will provide reimbursement of expenses necessary for the recipient to attend the Association's annual meeting.

## Distinguished Service Award

**Origin** - This award was established to recognize long terms of clearly extraordinary service and commitment to the AAVP.

**Criteria for Nomination** -

1. The nominee shall be a member in good standing of the AAVP.
2. Nomination of candidates for whom service to the AAVP is conducted normally or routinely, such as those involved in holding an office in the Association, will not be accepted.

**Procedure for Nomination** - Solicitation of nominations for the award will be announced annually in the AAVP Newsletter. Any member of the AAVP may nominate a member by forwarding a letter of nomination to the Chair of the Awards Committee describing the candidate's service to the Association. The nominator should arrange for 3 letters to be written in support of the nomination by members of the AAVP and sent to the Chair of the Awards Committee.

**Selection** - All documents provided in nomination of the candidate will be forwarded to all members of the Awards Committee. The selection of a recipient will be made by written ballot based on evidence of the nominee's level of service and long term commitment to the AAVP.

**The Award** - The award consists of an engraved plaque specifically recognizing the awardee for their extraordinary service to the AAVP. The AAVP will provide reimbursement of expenses necessary for the recipient to attend the Society's annual meeting.

## AAVP Hoechst Roussel Vet Graduate Student Award

**Origin** - The Award is intended to provide recognition of outstanding performance in graduate study in veterinary parasitology.

### **Criteria for Nomination** -

1. Nominations are limited to graduate students enrolled in or those who have completed their M.S. or Ph.D. degree within the previous 12 months.
2. The award is made based only on research carried out during a student's graduate (M.S. or Ph.D.) program.
3. Preference will be given to nominees that are enrolled in or have received their degree from a North American Institute at the time the award is given; however, students from universities outside of North America are eligible for nomination and receipt of this award.
4. The student's graduate program **must be** in veterinary parasitology.

**Procedure for Nomination** - Solicitation of nominations for the award will be announced annually in the AAVP Newsletter. Any member of the AAVP may nominate a student by forwarding a letter of nomination to the Chair of the Awards Committee.

1. A letter of nomination from an AAVP member in good standing describing the candidate's excellence in graduate studies and research.
2. A copy of the student's curriculum vitae.
3. Reprints of pertinent publications as a result of the student's graduate research.
4. Arrange for **3** letters to be written in support of the nomination by members of the AAVP. Only 3 letters of support in addition to the letter of nomination will be considered by the Awards Committee. In the case where the nominator is not the candidate's graduate supervisor, one of the letters of support must be obtained from the candidate's graduate supervisor. To expedite the process and to ensure that all of the letters of support arrive prior to the April 1st deadline, it is recommended that the nominator assemble the entire packet of information in support of the nominee, including the **3** letters, and send everything in one mailing to the Chair of the Awards Committee.

**Selection** - All documents provided in nomination of each candidate will be forwarded to all members of the Awards Committee. Preference will be given to graduate students from North American Institutes; however, students from universities outside of North America are eligible for nomination and receipt of this award. The selection of a recipient will be made by written ballot based on evidence of excellence in graduate course work, graduate research, and graduate research publications.

**The Award** - the award consists of reimbursement by the AAVP of expenses necessary for the recipient to attend the annual meeting of the AAVP, an engraved plaque, and a monetary award of \$1000 provided by Hoechst Roussel Vet.

Please submit nominations to Dr. Terry L. Skogerboe, Chair, AAVP Awards Committee, Pfizer Animal Health, One Pfizer Way, Lee's Summit, Missouri 64081-2998. Phone: (816) 246-2281, Fax: (816) 246-2402; E-mail: Skoget@pfizer.com.

**American Association of Veterinary Parasitologists  
Verification of Student Status**

Title \_\_\_\_\_

Authors \_\_\_\_\_

Presenter \_\_\_\_\_

Institution \_\_\_\_\_

Certification of Student Status

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Institution

The adhoc Students Awards Committee will offer two awards for the student's presentation of own research at the annual meeting of the American Association of Veterinary Parasitologists. The awards in 1999 will be \$500 and \$300. Judging will be based on the criteria listed on the AAVP Student Presentation Check List.

## AAVP Student Presentation Award Checklist

NAME \_\_\_\_\_ ABSTRACT NO. \_\_\_\_\_

	Max. Pts.	Score
<b>SUBJECT:</b>	<b>20</b>	
Does the literature review adequately focus on the problem?		_____
Is the problem hypothesis clearly stated and pursued?		
Is the problem of scientific importance?		
<b>IMPACT:</b>	<b>20</b>	
Is the experimental design appropriate?		_____
Are the controls adequate?		
Are the techniques well adapted to the problem?		
Are the data generated adequate?		
Is the maximum use made of the experimental unit?		
<b>METHOD:</b>	<b>40</b>	
Is the analysis appropriate?		_____
Are the results well presented?		
Are the results interpreted correctly?		
Are the conclusions logical?		
Are there novel applications for the results?		
<b>DELIVERY:</b>	<b>20</b>	
Is there eye contact, clear delivery, lack of mannerisms?		_____
Are the slides legible with appropriate use of fonts and color?		
Is the time limit observed?		
Are questions adequately answered?		
<b>TOTAL</b>	<b>100</b>	_____

**COMMENTS:**

## AAVP Election Ballot

### **Official Ballot - American Association of Veterinary Parasitologists**

Biographies are available for all nominees on pages 15 to 18. Please mark your ballot and return this page to Dr. George Conder in the enclosed envelope.

#### **Nominees for Vice President: Vote for One**

**Joseph F. Urban JR**

**Anne Zajac**

#### **Candidates for 2 members of the Nomination Committee:Vote for Two**

**Lora Rickard Ballweber**

**Ann R. Donoghue**

**Timothy G. Geary**

**Sara E. Marley**

**Karen Snowden**

**Please vote for the indicated number of candidates and return ballot in envelope to:**

**Dr. George Conder  
Pfizer Inc  
Central Research Division  
Eastern Point Road 8010  
Groton, CT 06340  
Telephone: 860-441-4576**

*Submitted by George Conder. ð*

## Biographies

### **Joseph F. Urban, Jr.**

Education: Rutgers College, New Brunswick, NJ, BA, Biological Sciences, 1970;  
Syracuse University, Syracuse, NY, Department of Biology, PhD,  
Immunology/Bacteriology

Professional Experience: The Johns Hopkins University, Baltimore, MD, School of  
Medicine, Post-Doctoral Fellowship, 1975-1978; The  
United States Department of Agriculture, Agricultural  
Research Service, Beltsville, MD, Research Microbiologist  
1978-1988; Research Leader, 1988-1993; Supervisory  
Microbiologist, 1993-present

Research Interest: Immunobiology of nematode infections in rodents and swine; mucosal  
Immunity; Cytokine-regulated immunity.

Committees/ Service: Editorial Boards: JHelmSoc 1985-1991; Exp Parasitol 1984-present;  
Parasite Immunol 1995-2001; Vet Parasitol 1998-present; Infect &  
Immun 1995-2001; J Immunol (Assoc Ed) 1998-present;  
Societies: Am Assoc Vet Parasitol (Constitu Com 1985-1990;  
Awards 1991-1994; Program 1997); Am Soc Parasitol (Outreach  
1993 & 1994; Nominat Com 1997 & 1998); Am Soc Immunol;  
HELMSOC; Am Soc Trop Med Hyg.

Awards/Honors: Keystone Sym Co-Organizer 1999; Faculty-MBL Biol of Parasitism  
1991-1994; NIH TMP Study Sec 1991-1995; NIH Reserve Reviewer  
1995-1999; USDA Cetrificates of Merit 1982, 1991-1998; USPHS  
Fellowship 1975-1978; Scholar Incentive Syracuse Univ 1973-1975.

Current Address: Immunology & Disease Resistance Laboratory, Livestock & Poultry  
Sciences Institute, Agricultural Research Service, United States  
Department of Agriculture, Building 1040 BARC-East, Beltsville, MD  
20705, telephone: 301-504-8765, fax: 301-504-5306 <jurban@lpsi.  
barc.usda.gov>

### **Anne Zajac**

Education: MS (Parasitology), Michigan State Univ. 1979;  
DVM, Michigan State University, 1982; PhD (Parasitology), Ohio State Univ., 1986.

Professional Experience: Assoc. Prof., Virginia-Maryland Reg. College of Vet Med., Virginia Tech

Research Interest: Gastrointestinal Nematodes of Ruminants

Committees/ Service: AAVP Awards Committee, Nominating Committee, Education Committee, Edited AAVP  
edition of Veterinary Clinical Parasitology

Current Address: Department of Biomedical Sciences and Pathobiology, VA-MD Reg. College of Vet. Medicine,  
Virginia Tech, Blacksburg VA 24061.

## **Lora Rickard Ballweber**

Education: BS, 1980 (Animal Science), Univ. Wyo  
MS, 1982 (Parasitology), Univ. Wyo  
MS, 1989 (Veterinary Science), Oregon State University  
DVM, 1992, Oregon State University

Professional Experience: Research Associate, Oregon State University, 1992-1993  
Assistant Professor, Mississippi State University, 1993-1998  
Associate Professor, Mississippi State University, 1998-present

Research Interest: Epidemiology and control of gastrointestinal parasites of domestic and sylvatic ruminants

Committees/ Service:  
AAVP committees: Publ Comm 93-98, Chair 95-98; Educ Comm 94-97)

Awards/Honors: AAVP Graduate Student Award, 1987; Salsbury Scholarship Award, College of Veterinary Medicine, Oregon State Univ, 1991; Award for Research Excellence College of Veterinary Medicine, Oregon State Univ, 1992; Pfizer Award for Research Excellence, College of Veterinary Medicine, Mississippi State Univ, 1996

Current Address:  
College of Veterinary Medicine  
PO Box 9825  
Mississippi State University  
Mississippi State, MS 39762

## **Ann R Donoghue**

Education: Mich State U, BS, (animal science) 83; Mich State U, DVM, 87; Mich State U, MS (parasitology), 92.

Professional Experience: Mich State U Animal Health Diagnostic Lab, Parasit Lab, Section Chief 89-90; Hoechst-Roussel Agri-Vet Co, Clin Vet/Project Leader, 90-96; Heska Corp, Project Leader/Assoc Dir 96-present.

Research Interest: diagnosis of parasitic infections, development of anthelmintics and pesticides

Committees/Service: Amer Assoc Vet Parasit (Outreach/Reseach Comm 90-93, Nomin Comm 93-97, Program Comm 97-98, Stud Awards Comm 97-present); Amer Soc Parasitol (Local Arrangements Comm 90, Indust Rel Comm 92-95, 97-present, Stud Trav Awards Comm 92-95, Priorities Comm 95-97); Amer Assoc Indust Vet (Exec Board 91-95, Newslite Editor 92-present); New Jersey Soc Parasit 90-96; AVMA 87-present; Soc Trop Vet Med 87 - present; Entomol Soc Amer 90 - present; World Assoc Advance Vet Parasit 94 - present.

Awards/Honors: Ideal Veterinarian Award, Mich Vet Med Assoc, 87; Distinguished Service Award, Assoc for Women Vet, 94; Gamma Sigma Delta, Phi Zeta.

Current Address: Heska Corporation, 1613 Prospect Parkway, Fort Collins CO 80525, donogha@heska.com

## **Timothy G. Geary**

Education: B.Sc., 1975, University of Notre Dame; Ph.D., 1980 (Pharmacogenetics), University of Michigan

Professional Experience: 1980 - 1985, postdoc to Res. Asst. Prof., Michigan State University, tropical parasitology (malaria); 1985 - present, Pharmacia & Upjohn Animal Health Discovery Research, Scientist II to Senior Scientist

Research Interest: chemotherapy of helminth and protozoal infections; molecular biology, biochemistry and physiology of parasites.

Committees/ Service: 1994 - present, Associate Editor, Journal of Parasitology; NIH-SBIR Review Committee, 1989; Institute of Medicine-Malaria Research and Control, 1990-91; NIH - Minority Predoctoral Fellowship, 1991-1994; NIH-MBRS-Genetics section grant review committee, 1995; NIH Training Grant site review committee (Biotechnology, Chemistry-Biology Interface, 1995); NIH-RFA for Tropical Medicine Research Centers, 1995; WHO - Macrofil Committee, 1991; Midwest Pharmacology Student Meeting, Judging Committee, 1988; 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; Keystone Symposium on Molecular Helminthology, Co-organizer, 1993, 1996; USDA - Helminthic Diseases Laboratory External Review, 1993; Scientific Advisory Board, Cambridge Healthtech Institute seminar on "The Impact of Molecular Biology on Animal Health and Production Research", March 1997 (Baltimore, MD)

Awards/Honors: Australian Society for Parasitology Travel Fellowship, 1994

Current Address: Pharmacia & Upjohn, Animal Health Discovery Research, 7923-25-550, 301 Henrietta Street, Kalamazoo, MI 49007-4940

## **Sara E. Marley**

Education: B.S. Animal Science, 1985, L.S.U.-Baton Rouge (transferred from the University of Arkansas (Fayetteville)); M.S. Entomology (Medical-Veterinary), 1987, L.S.U.- Baton Rouge; Ph.D. Entomology/Parasitology (Medical-Veterinary), 1992, University of Missouri-Columbia.

Professional Experience: Sr. Clinical Research Investigator, Pfizer Inc./Ltd., Animal Health Product Development, Groton, Ct (1995-98), Sandwich, UK (1998-99); NIH Post-doctoral Research Fellow, University of Georgia and Centers for Disease Control & Prevention (1992-95); Visiting Scholar, Montana State University, Dept. of Veterinary Molecular Biology, Bozeman, MT (1992); Senior Research Lab Technician, University of Missouri-Columbia, Dept. of Veterinary Microbiology (1991-92); Research Assistant, USDA/ARS, Stillwater, OK (1989)

Research Interests: Endectoparasites of livestock & companion animals, antiparasitic chemotherapy

Committees/Service: AAVP Committees: Constitution/By-Laws (1993-94), Newsletter (1995-98), Program Committee (1998). Member of American Society of Parasitologists, American Society of Tropical Medicine & Hygiene, Entomological Society of America, National Cattlemen's Beef Association, Sigma Xi (CDC-Atlanta Chapter)

Honors & Awards: Entomological Society of America: Southeastern Branch M.S. Award (1987), Southwestern Branch Graduate Student Award (1988, 1989), Southwestern Branch Graduate Student Award (1989), Board Certified Entomologist (Medical-Veterinary & General Entomology) (1996-present)

Current Address:

Pfizer, Inc.  
Eastern Point Road  
Animal Health Clinical Affairs  
Bldg. 200, Room 4059  
Groton, CT 06340-5196

Pfizer, Ltd.  
Ramsgate Road  
AHPD, Dept. 879  
Sandwich, Kent  
CT13 9CT United Kingdom

## **Karen Snowden**

### Education: (Degrees, Years, Institutions)

BS, 1974, University of Montevallo, Montevallo, AL

DVM, 1979, Auburn University, Auburn, AL

PhD, 1988, North Carolina State University, College of Veterinary Medicine, Raleigh, NC

### Professional Experience:

1979-1984 Veterinary Clinician, Lincolnton Animal Hospital, Lincolnton, NC

1989-1993 Post Doctoral Research Associate, Instructor, Liverpool School of Tropical Medicine, Liverpool  
England

1993-1999 Assistant Professor, Texas A&M University, College Station, TX

Research Interest: Historically I have worked with lymphatic filarial parasites (Brugia pahangi) and with taeniid tapeworms (Taenia saginata, T. solium, and Echinococcus granulosus). Current research efforts focus on parasites of zoonotic importance and emerging parasitic infections including microsporidial parasites of medical importance, Cryptosporidium parvum and Blastocystis hominis.

### Committees/ Service:

American Society of Parasitologists - Political Action Committee

Texas Veterinary Medical Association - Research Committee

### Awards/Honors:

Texas A&M Faculty Award for International Excellence, May, 1995

Texas Veterinary Medical Association Faculty Achievement Award - Teaching, April, 1998

Montague Center for Teaching Excellence, Scholar Award, October, 1998

### Current Address:

Dr. Karen Snowden

Department of Veterinary Pathobiology

College of Veterinary Medicine

Texas A&M University

College Station, TX 77843-4467

phone 409 862-4999

FAX 409 862-2344

email ksnowden@cvm.tamu.edu

**AMERICAN ASSOCIATION OF VETERINARY PARASITOLOGISTS  
FOUNDED 1956  
AFFILIATED WITH THE AMERICAN VETERINARY MEDICAL ASSOCIATION  
MEMBERSHIP APPLICATION**

The objectives of the AAVP and its requirements for membership (Articles II and III of the AAVP Constitution) are:

**Objectives:** "The objectives of the organization shall be to provide for the association of persons interested in the advancement of veterinary parasitology, and for the presentation and discussion of items of common interest, and to further scientific progress by education and research in veterinary parasitology. This association is organized exclusively for scientific and educational purposes within the meaning of section 501(C)(3) of the Internal Revenue Code. Notwithstanding any other provision of this constitution, the Association shall not carry out any other activities not permitted to be carried out by an organization exempt from Federal Income Tax under section 501(C)(3) of the Internal Revenue Code."

**Membership:** "Section 1: Members shall consist of those individuals qualified by background, education and interest in veterinary parasitology. Section 2: New members, except honorary and emeritus, shall be admitted by the Secretary-Treasurer with approval of the Executive Committee, after filing application for membership to the association. Section 3: Honorary membership shall be awarded by the Association to persons who are not members of the Association in recognition of outstanding and sustained achievements in veterinary parasitology. Candidates for honorary membership shall be recommended to the awards committee by any member. Nomination for honorary membership shall be made by the Awards Committee to the membership and election shall be majority vote at the annual meeting. Honorary members shall not be eligible to vote and shall not be assessed dues. No more than two (2) honorary members shall be elected in any one year period. Section 4: Upon retirement a member may become an emeritus member on approval of the Executive Committee of a written request to the Secretary-Treasurer for such status. Emeritus members shall retain voting rights but shall not be assessed dues. Section 5: Forfeiture of membership will occur where dues are not paid for at least two consecutive years. A member who has forfeited membership by nonpayment of dues must reapply for membership. Section 6: Expulsion of a member may occur if a motion for expulsion is presented by the Executive Committee at the annual meeting and passed by four-fifths (4/5) of the members present and voting. The member is to be informed in writing of such a motion at least two months in advance of the annual meeting at which the motion is to be presented. Section 7: The Executive Committee may annually invite any firm, association, corporation, institution or subdivision thereof, to become a corporate associate member, for financial support of the Association."

Should you wish to become a member of the AAVP, please provide the following information and send this form and a check (regular membership \$20.00, student membership \$10.00, U.S. currency) payable to the AAVP, to the Secretary-Treasurer at the address given below. **The 1999 dues year runs from September 1, 1998 to August 31, 1999.**

Name and Academic Degree (s)	Institutional/Business Affiliation
Mailing Address (Office/Lab)	Title
Phone Number	Fax Number
	Email Address

**1998-1999 OFFICERS**

**PRESIDENT**

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USDA, ARS  
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Beltsville, MD 20705  
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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 welcome and should be submitted by the 20th of the month prior to each date of issue.

### **AAVP Newsletter Deadlines for Submissions**

<u>Newsletter</u>	<u>Deadline</u>
October, 1998	September 20, 1998
February, 1999	January 20, 1999
June, 1999	May 20, 1999

Please contact the editor with questions regarding these dates.

