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Newsletter of the American Society of  
Parasitologists

Parasitology, Harold W. Manter Laboratory of

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Summer 2010

## American Society of Parasitologists Newsletter, v. 32, no. 1-2, Spring-Summer 2010

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ASP Newsletter

Vol 32. Nos. 1-2

Spring - summer, 2010

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American Society of Parasitologists

# Newsletter

*Published Quarterly by the American Society of  
Parasitologists*

**Newsletter:** Released on the ASP web-server  
[<http://asp.unl.edu>] 15:00 28 May 2010

## From the *Editor* of the Newsletter

Consider publishing your parasite poems, posting a link to your favorite "parasite lecture," providing an actual parasite lecture, or otherwise send "something" in to the editor. Your contribution is valuable and anything sent in to me will be considered for publication. See below.

Sincerely,

Scott Lyell Gardner, Ph.D.

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## **J.P. DUBEY ELECTED TO THE NATIONAL ACADEMY OF SCIENCES**

Date: April 27, 2010

Contact: Maureen O'Leary, Director of Public Information  
Office of News and Public Information  
202-334-2138; e-mail <news@nas.edu>

FOR IMMEDIATE RELEASE

72 New Members Chosen By Academy

WASHINGTON -- The National Academy of Sciences today announced the election of 72 new members and 18 foreign associates from 14 countries in recognition of their distinguished and continuing achievements in original research.

The election was held this morning during the business session of the 147th annual meeting of the Academy. Those elected today bring the total number of active members to 2,097. Foreign associates are nonvoting members of the Academy, with citizenship outside the United States. Today's election brings the total number of foreign associates to 409.

The National Academy of Sciences is a private organization of scientists and engineers dedicated to the furtherance of science and its use for the general welfare. It was established in 1863 by a congressional act of incorporation signed by Abraham Lincoln that calls on the Academy to act as an official adviser to the federal government, upon request, in any matter of science or technology.

The list included our own JT Dubey - as follows:

Dubey, Jitender P.; research scientist and microbiologist, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md.

Additional information about the Academy and its members is available online at <http://www.nasonline.org>.

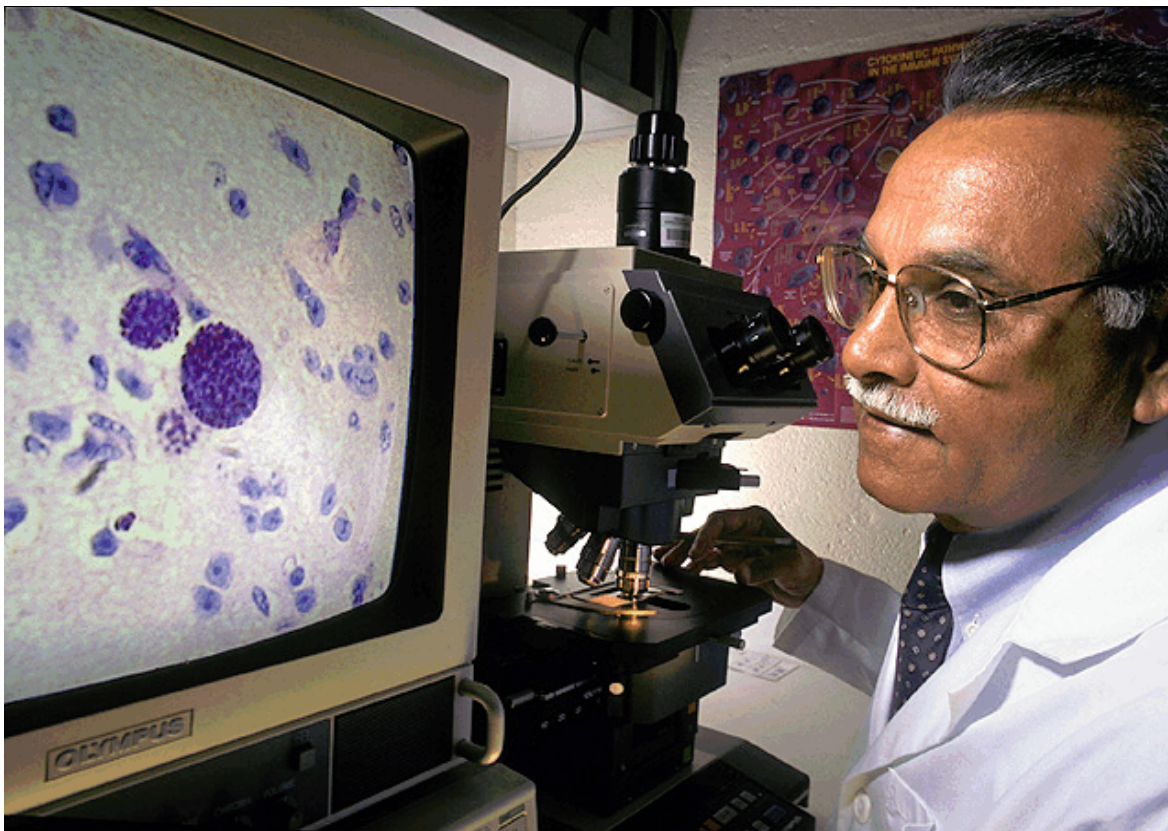


Figure 1. Microbiologist [PARASITOLOGIST] Jitender Dubey examines swine tissues for *Toxoplasma* parasites. Photo by Keith Weller, USDA, ARS.

Congratulations Dr. Dubey! Way to go! There will be an additional update on this honor for Dr. Dubey in the next newsletter. Stay tuned! -Editor



## **ASP PRESIDENT GEORGE CAIN SPEAKS OUT**

Fellow Parasitologists,

It came to me the other night while I was watching an episode of "House, M.D." The hapless patient was infected by a parasite. I had no trouble making the diagnosis, but I remember thinking that I have never seen a time when parasites enjoyed a broader, more frequent (and more sensationalistic) exposure in the mass media. The biggest and best program, of course, is "Monsters Inside Me," but others such as "Mystery Diagnosis," "Quincy, M.E.," "Medical Investigation"—the list goes on—have had their share of parasite-based episodes. Thus Marshall McLuhan's 1964 prediction (that such shows would be a huge success because they create "an obsession with bodily welfare") has largely come true and the public, it seems to me, is primed for parasites.

Then I began to reflect on the potential opportunities for us, as a society that promotes the study of parasites, to capitalize on parasites being thrust into popular culture as they have been recently. Being somewhat of an expert on missed opportunities, I began to see this "parasite popularity" as an opportunity that could actually benefit the American Society of Parasitologists—an opportunity that we should take advantage of. But how to do it?

At this point, I remembered an incident that occurred a couple of years ago—an incident, it turns out, that answered my question, that showed me how ASP could capitalize on the popularity, or at least the notoriety, of parasites. Not surprisingly, the answer to my question was provided by one of our graduate students (they usually have the best, if not the most original, ideas). Here's how it unfolded.

Faced with the task of identifying speakers for the annual Graduate Student Symposium two years ago, Committee Chair Carrie Fyler identified an excellent speaker—science writer Carl Zimmer, author of "Parasite Rex." (The success of this book is yet another example of the public's thirst for knowledge about the bizarre lives of parasites.) But getting Zimmer to come to our meeting and speak turned out to be a very expensive proposition—one that ASP almost certainly could not afford.

Faced with this challenge, Carrie provided a brilliant solution: she arranged for the speaker to waive his speaking fee in lieu of having a parasite named



after him. So science now has *Acanthobothrium zimmeri* and ASP had the third speaker for an excellent symposium.

"Why couldn't ASP venture further down this path?" I thought. We have members that are naming new species all the time, and if we could "institutionalize" the process, it might provide a way to benefit the author, the author's institution and, of course, ASP. It was then that I began to wonder if there was a way to auction off species names to the highest bidder (auctions are things that I often think about). Here I paused to consider the inevitable: Surely this line of thinking isn't original with me (it wasn't) and surely someone else has worked through the details necessary for such a process to occur (they have). Clearly, I should enlist the help of Google before going further (I did).

My research revealed some rather astonishing things about the entities involved in species-naming and the proceeds generated:

**1. Species-naming auctions are not new. Indeed, they have been operating since 2005, perhaps even earlier. Some notable examples include:**

A. A black-tie soiree, hosted by Prince Albert II and sponsored by Conservation International and the Monaco-Asia Society. Prices for the naming rights ranged from \$500,000 for a *Hemiscyllium* shark to \$50,000 for *Pseudanthias*, a fairy basslet. Altogether, over \$2 million was raised at this event.

B. \$650,000 raised by the Wildlife Conservation Society in a one-week Internet auction for a newly identified Bolivian monkey—the probable record for a single species.

**2. Academic institutions are sometimes involved.** In 2008, Purdue University auctioned off the rights to name seven newly-discovered bats and two turtles. One winner reportedly shelled out \$250,000 for one of the bats. Similarly, the Scripps Institute of Oceanography recently asked \$50,000 for a rare hydrothermal vent worm (but only \$15,000 for an orange, speckled nudibranch).

**4. Species are often named for celebrities.** Here it becomes difficult to tell whether the celebrities actually requested the naming; in most cases I suspect that they didn't, as in a rabbit named after Hugh Hefner, a solitary female wasp named after Greta Garbo ("I want to be alone") and three





species of slime mold beetle named after George W. Bush, Dick Cheney and Donald Rumsfeld.

**6. You can list your species on eBay.** Although I found few details on how to actually list species—the eBay site is evasive about the process—they certainly provide a nice package for their winning bidder: a) a reprint of the published work; b) a certificate of designation of a new species, and c) a specimen of the organism, appropriately preserved and labeled. I further noted that one of the images that they featured on the site was that of a monogenetic trematode. And finally, the “buy it now” price is \$2,950 for what is described only as “a small animal.”

**8. There is a web site devoted to species-naming.** Like eBay, details provided by this site (<http://www.nameaspecies.com/collections/species-available>) are sketchy, but they do mention a plan for “profit-sharing.” On their home page they list several midges for \$600 each. If we were to use a site like this, there would be advantages in that they would be easily reached by an internet search. But there may be disadvantages.

To summarize, I believe that species-naming is something that ASP should investigate more closely. I can visualize a committee that would operate as a clearing house for the listing of species-naming opportunities (with the permission of the author), that would set policy as to how proceeds might be divided, and that would be charged with marketing the program. Clearly, many other details would remain to be worked out, and the rewards may not be great (although with an auction, who knows?). But it seems that such a program, if operated carefully and properly, might provide broader recognition to the Society and offer a way to offset some of the costs of research and publication for the authors who generously list their species. Now all we need is someone to “carry the ball.” Carrie Fyler, are you interested?



## **FIELD PHOTOGRAPHY** - A FEATURE OF THE ASP NEWSLETTER

Top photo - a view from the Salar de Uyuni. Bottom photo - the south eastern Andes near the border of Paraguay, Argentina, and Bolivia.







## DICK AND JOHN COLUMN #10

### BOXES, BOXES AND MORE BOXES OF STUFF!

*Dear Dick and John:*

*I just retired and, like many of your letter writers, I have been cleaning out my office at the University. I have taken some of your past advice, including using my old reprints to better insulate my home, built the chair out of books, etc., but I still have boxes and boxes of stuff. You know what I mean, computer discs, keys to everything, student dissertations, correspondence files, budget sheets, clipboards, etc. I have quietly stashed boxes of all of this in our storage shed, the garage and the attic until I can find the time to go over them and sort out what I really want to keep. I really thought that I had everything under control, until my wife began to point out the lack of logic in my squirreling all of this stuff. First, she pointed out that I was now keeping a \$30,000 car in the drive while I filled its spot with stuff! Then she asked what was I going to do with all those boxes and if so, when was I going to sort through "all that stuff". This was followed by a number of other questions: 1.) "How many boxes do you have?" 2.) "Where are you going to put them?" 3.) "So does this mean that you will be sorting through all of them again? That's not very efficient!" 4.) "When are you going to clean out your office at home?" And finally: "If you never get to sorting and winnowing, what will our children will do with all of this stuff? They will not have the time to fool with it and just dump all that stuff!"*

*I have worked all these years and would rather not be spending my time on the flotsam and jetsam from my office; I have enough to do with the constantly expanding job jar. Help! I want to go golfing, fishing, to an*



*auction, travel, visit with George Dickel and discuss world affairs, what do I do?*

*Sincerely,*

*Retired, tired and frustrated!*

Dear Retired, tired and frustrated.

This is not an unusual problem for the recently retired. The I-can't-bear-to-throw-it-away syndrome commonly confronts the newly retired faculty member especially after you believe that you have taken care of all old your old books, teaching specimens, slides, reprints, etc. You think "I am home free! Let the fun begin." Your arrival at home with all the I-can't-bear-to-throw-it-away items that you have accumulated during a life time of research and teaching, somehow coincides with the expansion of your job jar. Both of us have experienced this problem. Both of us are now several years into retirement, but each of us still has several boxes of things removed from our respective offices that are stacked in our garages. DS must admit that he no longer knows what is in the boxes in his garage. In addition, he still has other stuff in boxes in his home office and attic that should be sorted through. (JO is admitting nothing, but at least he finally got rid of the rental storage unit full of I-can't-bear-to-throw-it-away stuff.) We simply believe that it takes time to carefully and professionally go through the I-can't-bear-to-throw-it-away items that you have brought home or stored. We acknowledge from personal experience that the questions from your partner will continue and this is the point we would like to discuss.

DS has two illustrative and educational stories on this topic. DS' Uncle was losing his hearing, but had a hearing aid. He liked nothing better than to go out in his boat. When his wife would yell from the porch of their lake front



cottage that it was time for him to clean out the garage, he would act as if he forgot to turn on his hearing aid and continue to enjoy his boating. Now you will say that was not very nice or it certainly did not help his marriage but there are times when we all need to take a break from our job jars. Go fishing, go to that auction, go to a movie and take your spouse with you. This will put the job jar temporarily out of both of your minds.

In DS' parent's home the garage literally was filled from top to bottom, and from side to side with stuff that had been collected over 60 years of marriage. Because of all the clutter, cars sat in the drive and they usually keep the garage doors closed so that the neighbors and visitors could not look in. The garage and the house formed an "L" shaped area that was sheltered from the wind, and DS's father would sit out there in his lawn chair with his pipe and a cup of coffee. Occasionally a neighbor would stop by to visit and one day the garage doors were left open. The neighbor looked in and said "John, what are you going to do with all of that junk?" DS's father without a moment's hesitation looked at the neighbor and replied "That's not my problem, that my heirs problem!" And several years after this quote, it was! It took DS and his two brothers, their children and one cousin 3 very full days and 3 very large industrial type dumpsters to clear out the garage. But you know, DS and his two brothers love to tell the story about their father and think about him constantly. *[editors note: I am not sure if this is plagiarism or not, because the same quote was included by these columnists around 3 years back in another newsletter. I will allow the reader to go back and find it if you so wish - is retirement starting to show its ugly head with these two? -slg]*

The moral of the story is that I-can't-bear-to-throw-it-away stuff can be stored in the garage, the job jar never be emptied but those around you will always be there for you. So again do what you can and go to that movie, have a glass of wine, etc. Remember you have spent a life time working hard

in the service of teaching, you are retired and it is now time to relax and enjoy!

Finally, most of our old correspondence and the associated files have been thrown out without any attempt at sorting. Reprints, books, paper clips, clipboards, etc. we have discussed in prior Dick and John columns, however we have never mentioned theses and dissertations. We have maintained them in cabinets in our respective offices. Although the information in them published and the information our student have discovered is now only part of the advancing front of scientific knowledge, we both find it hard to part with them. They remind us of our Universities, the research laboratory but most of all our former students who are now old friends and colleagues. So these theses and dissertations will remain on our office shelves and will ultimately become a problem for our heirs. Oh yes, and on your next visit to either of us, don't be surprised to find us rummaging in on of those boxes, looking for just the right thing-we-knew-we-would-need-someday amongst the I-can't-bear-to-throw-it-away stuff. You will probably hear us muttering "I know I kept one and it is in here somewhere."

Remember you are not alone! We hope that you find our comments comforting. Write again if we can help to solve your problems. We will gladly advise you, even if we do not have the answers to your problem.

Dick and John: your retirement specialists.





Think of us as your bookends to retirement and remember our motto: "You are never too young to consider retirement." We are only here to help you over those retirement hurdles. Write us if you have problems. The Dick and John Retirement Consults, Inc. are only here to serve you.

The authors of this column might be or might not\* be found at the following:

John Richard Seed, Professor Emeritus

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\* remember they are retired!

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## **NSC ALLIANCE WASHINGTON REPORT, VOLUME 1, ISSUE 8, MAY 25, 2010**

In this Issue:

\* NSC Alliance Comments on Collections Digitization Plan, Collections Community Can Too

\* Register for the 2nd Annual Biological Sciences Congressional District Visits Event

\* House Fails Twice to Pass COMPETES Act

\* NAGPRA Official Responds to Scientific Criticism of New Rule

Policy News from NSC Alliance





Through the NSC Alliance partnership with the American Institute of Biological Sciences, we are pleased to provide NSC Alliance members with the following public policy update. If you have any questions or require additional information regarding any of the following items, please contact NSC Alliance director of public policy Dr. Robert Gropp at 202-628-1500 x 250 or at [rgropp@aibs.org](mailto:rgropp@aibs.org)

### **NSC Alliance Comments on Collections Digitization Plan, Collections Community Can Too**

On 25 May 2010, the Natural Science Collections Alliance (NSC Alliance) submitted comments on the "Final Draft Strategic Plan for Establishing a National Digital Biological Collections Resource". The strategic plan is a 10 year, national effort to digitize and mobilize images and data associated with biological research collections. It was drafted by workshop participants at the National Evolutionary Synthesis Center in February 2010.

In its endorsement letter, NSC Alliance cited the need to digitize the nation's biological collections in order to protect the invaluable scientific knowledge contained within them. Natural and manmade disasters, such as the fire that recently swept through Brazil's Butantan Institute, pose a real threat to collections. As media reports have chronicled, the fire destroyed one of the world's largest collections of snakes, spiders, and scorpions (and mites Ed - slg). Although not a substitute for the original collections, digitized resources do provide a record of an institution's holdings and data.



NSC Alliance also called for the support and participation, both financial and technical, of all federal agencies that maintain collections or have collections housed at non-federal facilities.

Members of the collections community are encouraged to submit comments this week on the digitization plan. To read the plan or to submit comments, visit <http://digbiocol.wordpress.com/full-strategic-plan-draft>.

### **Register for the 2nd Annual Biological Sciences Congressional District Visits Event**

Would you like to help inform the nation's science policy without trekking to Washington, DC? Why not meet with elected officials in your home state this August? Register now to participate in the 2nd Annual Biological Sciences Congressional District Visits event. This national initiative is an opportunity for biologists across the country to meet with their members of Congress to showcase the people, facilities, and equipment that are required to support and conduct scientific research.

The 2nd Annual Biological Sciences Congressional District Visits event will be held throughout the month of August 2010, when Representatives and Senators spend time in their Congressional districts and home states. This event is an opportunity for scientists and representatives of research facilities and institutions housing scientific collections to meet with their member of Congress to demonstrate how science is conducted and why a sustained investment in research and education programs must be a national priority. Participating scientists may invite their elected officials to visit their facility or can meet with them at a district office.



Participants will be prepared for their Congressional meetings through an interactive training webinar. Individuals participating in this event will receive information about federal appropriations for biological research, tips for scheduling and conducting a successful meeting with an elected official, and resources to craft and communicate an effective message.

This event is organized by the American Institute of Biological Sciences with the generous support of Event Sponsors Botanical Society of America, Genetics Society of America, Long Term Ecological Research Network, Society of Systematic Biologists, and University of Michigan Biological Station, and Event Supporter Jasper Ridge Biological Preserve--Stanford University.

Participation is free, but registration is required and space is limited. For more information and to register, visit  
[http://www.aibs.org/public-policy/congressional\\_district\\_visits.html](http://www.aibs.org/public-policy/congressional_district_visits.html).

### **House Fails Twice to Pass COMPETES Act**

The United States House of Representatives has failed twice in the past two weeks to pass legislation that would reauthorize the America COMPETES Act. The legislation, which proponents contend would stimulate innovation and improve science education by increasing funding authorizations for federal agencies that support basic research, was first brought to the House floor on 13 May 2010. After consideration of more than 50 amendments, Science Committee Ranking Member Ralph Hall (R-TX) moved to send the bill (HR 5116) back to the Science Committee. Halls' motion to recommit the legislation included instructions to cut \$47.5 billion in authorizations over the next five years for the National Science Foundation (NSF), Department of



Energy Office of Science (DoE Science), and National Institute of Standards and Technology (NIST), and to completely eliminate funding for the Advanced Research Projects Agency-Energy (ARPA-E). Additionally, Hall wanted to ban the use of funds to pay the salaries of federal employees who have been disciplined for viewing pornography at work. In recent years, at least seven NSF employees were fired or disciplined for watching pornography on government computers.

Hall's motion passed overwhelmingly in a 292-126 vote, which included the support of more than 120 Democrats. Only one Republican, Rep. Vernon Ehlers (R-MI), a physicist who is retiring from Congress at the end of this session, voted against the motion. Democratic leadership quickly pulled the bill from further consideration on the House floor, allowing them time to consider their next move.

A week later, the bill's sponsor, Science Committee Chairman Bart Gordon (D-TN), reintroduced the COMPETES Act, now numbered HR 5325, with two significant changes. Gordon cut the duration of research authorizations from five years to three years, although he left the funding levels unchanged, maintaining the doubling path established in the 2007 COMPETES Act. Additionally, HR 5325 includes an anti-pornography provision that would prevent funds authorized by the act to be used to pay the salary of any government employee caught watching porn at work. Despite these changes, the House once again failed to pass the bill on 19 May 2010 when it was considered on the Suspension Calendar, a move that requires that legislation be passed by a 2/3 majority. The final vote of 261 to 148 fell nearly thirty votes shy of the threshold for passage. Unlike the previous vote on COMPETES, Democrats stuck together, with no members of the majority party



voting against the legislation. Additionally, 15 Republications voted for passage of the bill.

"I'm disappointed, but not deterred," said Rep. Gordon. Gordon and House Majority Leader Steny Hoyer (D-MD) said the bill will soon return to the House floor.

### **NAGPRA Official Responds to Scientific Criticism of New Rule**

Recently, leading anthropologists and archaeologists sent a letter to Secretary of the Interior Ken Salazar expressing deep concern with a recently implemented rule from the Native American Graves Protection and Repatriation Act (NAGPRA) National Office in Washington, DC. NAGPRA is housed within the Department of the Interior's National Park Service.

According to the American Association for the Advancement of Science (AAAS) website, ScienceInsider, the scientists sent the "letter of protest" to Secretary Salazar on May 17. The website further reports that the letter stated that the rule as written will cause "an incalculable loss to science" by permanently making such remains unavailable, and that the rule is "contrary to both the letter and the spirit of the law."

ScienceInsider reported on May 24, 2010, that Sherry Hutt, NAGPRA Program Manager, "responded to some of the scientific concerns in an e-mail to ScienceInsider, suggesting that the remains covered by the rule aren't likely to have much scientific value."





ScienceInsider also reported: The original NAGPRA statute strove to balance the interests of science and Native Americans, and has spurred cooperation between them, says lead author Bruce Smith of the Smithsonian Institution. NAGPRA requires that museums and other repositories repatriate culturally affiliated remains and draw up a list of unaffiliated remains, but it is silent on what to do with the unaffiliated remains. The new rule requiring their disposal is "very bad news for science," Smith says. He adds that "the potential for overlapping and conflicting requests [for remains] is enormous."

The NSC Alliance has in recent years formally commented on the NAGPRA Office's efforts to craft and implement the latest rule. These comments are not reflected in the final rule. The new NAGPRA rule is at <http://edocket.access.gpo.gov/2010/pdf/2010-5283.pdf>. The most recent NSC Alliance comments are available at <http://nscalliance.org/?p=277>.

The Natural Science Collections Alliance is a Washington, D.C.-based nonprofit association that serves as an advocate for natural science collections, the institutions that preserve them, and the research and education that extend from them for the benefit of science, society, and stewardship of the environment. NSC Alliance members are part of an international community of museums, botanical gardens, herbariums, universities, and other institutions that house natural science collections and utilize them in research, exhibitions, academic and informal science education, and outreach activities. Website: <http://www.NSCAlliance.org>

# Call for Papers

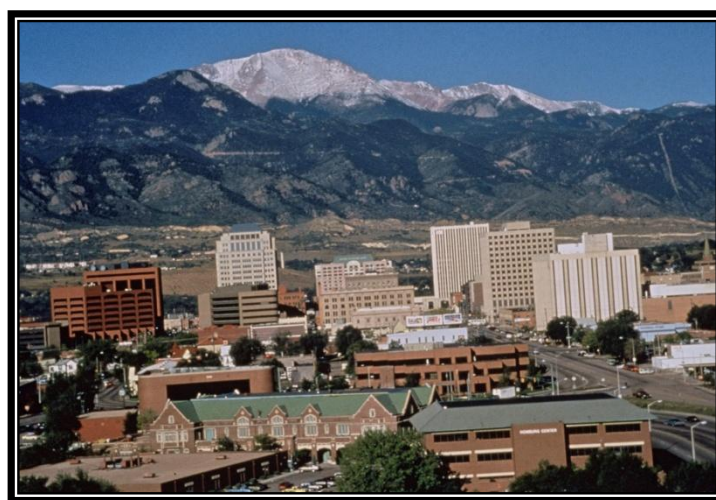
SECOND ANNOUNCEMENT

## The 85th Annual Meeting of the American Society of Parasitologists

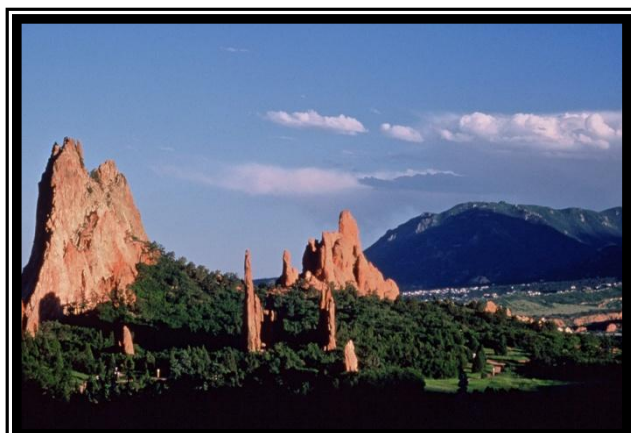
Crowne Plaza – Colorado Springs  
Colorado Springs, CO  
June 22-25, 2010



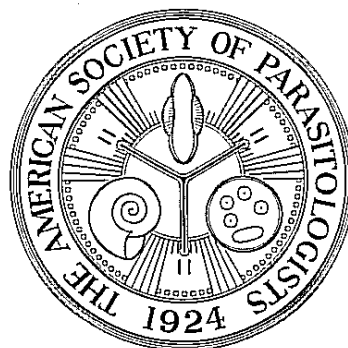
Colorado Columbine



City of Colorado Springs



Garden of the Gods & Cheyenne Mountain



The American Society of Parasitologists (ASP) announces our 85th Annual Meeting to be held at the Crowne Plaza in Colorado Springs, Colorado, June 22-25, 2010. Members and non-members are invited to submit abstracts for papers they intend to present as an oral presentation, poster, or if you are an invited speaker, as a contribution to one of our symposia or workshops. Individuals organizing symposia and special sessions are reminded that they need to send the names of their symposium or special session speakers to the program officers and that ***all speakers are required to submit*** an abstract. For all types of presentations, abstracts must be received on or before the deadline: **Friday, March 12, 2010**. The scientific *Program & Abstracts* booklet will be prepared from the abstracts received and will be available both on the ASP web site (<http://asp.unl.edu>) and the Allen Press web site (TBA) prior to the meeting. Everyone registered for the meeting (either in advance or on site) can pick up their copy of the *Program & Abstracts* booklet at the meeting's registration desk in the Crowne Plaza-Colorado Springs. Additional copies of the *Program* may be purchased (\$10.00 U.S. per copy) at the registration desk at the meeting or from Allen Press after the meeting. *Please read and follow all instructions carefully when submitting abstracts and when registering on-line for the meeting and the hotel. Thank you!*

### Electronic Registration for the Meeting

On-line registration will be available on a dedicated website for the Annual Meeting (<http://events.SignUp4.com/ASP2010>). You may register online by using a credit card for both the meeting and for your hotel at this link or you may mail your registration form with a check or credit card number (with original signature) payable to WVTT c/o ASP 2010, 6601 Kinston Pike, Knoxville, TN 37919. See the ASP web page (<http://asp.unl.edu>) or send an e-mail to [dennism@purdue.edu](mailto:dennism@purdue.edu) with the subject line "ASP" to be added to the listserv for on-line registration information as it becomes available.

<b>Costs:</b>	<b><u>On/Before May 14</u></b>	<b><u>After May 14</u></b>
ASP Member .....	\$225.....	\$270
Student Member ‡ .....	\$80.....	\$125
Non-ASP Member † .....	\$250.....	\$300
Accompanying Person .....	\$80.....	\$125
Evening at the Cheyenne		
Mountain Zoo (Thursday, 24 <sup>th</sup> )* .....	\$45 (children, ages 3-12, \$19)	

‡ Must be accompanied by a Certification of Student Status Form (<http://parasitology.winston.wfu.edu>).

† Non-members (both post-graduate and students) may join ASP (\$85 and \$20–50, respectively); the application form can be found at <http://asp.unl.edu>; click on the "Join the ASP" link on the left, download the form, complete it, and mail it to "Dennis Minchella, ASP, Department of Biological Sciences, Purdue University, West Lafayette, IN 47907.

\* Enjoy an evening at the Cheyenne Mountain Zoo, home to 190 species of wild animals. The evening at the zoo includes dinner.

## Important Dates and Deadlines

### Friday, March 12, 2010

- Receipt of all abstracts via the website forms (<http://parasitology.winston.wfu.edu>) .
- ASP Marc Dresden Student Travel Grant and Student Paper Competition applications are due.

### Friday, May 14, 2010

- Early Meeting Registration forms are due.
- Hotel reservations must be made to secure the ASP conference rate for regular rooms.

## Hotel Registration

### **Crowne Plaza-Colorado Springs**

2886 South Circle Drive

Colorado Springs, Colorado 80906

Tel: 1-719-576-5900; Fax: 1-719-576-7695

[www.cpcoloradosprings.com](http://www.cpcoloradosprings.com)

Our meeting venue this year is the Crowne Plaza-Colorado Springs. The hotel is conveniently located 20 minutes from the Colorado Springs Airport and a 5 minute drive from downtown Colorado Springs. Aside from the restaurants in the hotel, movie theaters and additional restaurants are within easy walking distance. The Crowne Plaza will also provide free shuttle service to and from downtown Colorado Springs. The downtown area offers unique shops, restaurants, brew pubs, and shady parks. Other activities include a drive to the 14,110 ft. summit of Pikes Peak, a visit to the US Air Force Academy or an exploration of the geology of the Cave of the Winds in Manitou Springs.

The Crowne Plaza has a block of 435 room nights reserved for our members during the meeting. It is important that ASP members attending the meeting make their reservations at the Crowne Plaza to fulfill our room block commitment. All meeting rooms for paper sessions and symposia are provided to ASP at no charge contingent on fulfilling our room block commitment. There will be a substantial financial penalty to ASP if we fail to utilize all of the room nights we have contracted to occupy. The daily room rate is \$119 (+ 9.4% state and local tax) for a king or 2 queen beds per room. The special *ASP Conference Rate* is guaranteed 3 days prior to and 3 days after the meeting for folks wishing to extend their stay and include a short vacation in the Colorado Springs area. All reservations must be made before **NOON, May 14, 2010**. Convention rates for the ASP meeting are not available by online wholesalers (e.g., Priceline.com) and you jeopardize fulfilling our guaranteed room block by attempting to use these sources. Twenty rooms have been designated especially for student occupancy at the reduced rate of \$88.00 per room with quad occupancy.

*Wireless internet is free in all public areas within the hotel. Wireless access is also available in guest rooms at a cost of \$9.95 per day. Hotel parking is complimentary.*

### **Hotel Reservations—General**

Each individual guest must make their own reservations. **You can call the hotel directly c/o 1-800-593-5447 to receive the ASP Special Group Rate or you can register for both the meeting and the hotel at <http://events.SignUp4.com/ASP2010>.** Be certain to identify yourself as an ASP member when you call. Everyone should be prepared to guarantee a first night room deposit with a major credit card.

### **Hotel Reservations—Student Quads**

Students wishing to make arrangements for a Quad room must contact the elected ASP Student Representative, Ms. Maria Pickering, for assistance with scheduling roommates for quads. She will help you get organized and communicate directly with the local arrangements committee and our representative at the Crowne Plaza-Colorado Springs. The individual assigned as the contact person for each quad will be responsible for providing the names of the quad members, for securing the room with a credit card and assume complete responsibility for paying the bill at checkout. Students sharing quads will need to work out their portions of the room cost with each other.

#### **ASP Student Representative**

Ms. Maria Pickering

University of Connecticut

Department of Ecology and Evolutionary Biology

75 N. Eagleville Road UL-43

Storrs Mansfield, CT 06269-9011

805-637-6180; [maria.pickering@uconn.edu](mailto:maria.pickering@uconn.edu)

## Transportation Information

### **Airport**

The Colorado Springs Municipal Airport (COS) serves more than 2 million passengers per year, and it is easy to find your way around the attractive and passenger friendly terminal. Ticketing, baggage claim, rental car agencies, gift shops and restaurants are all conveniently located within the facility. The airport is served by nine commercial airlines with non-stop service from Houston, Dallas/Fort Worth, San Francisco, Salt Lake City, Phoenix, Chicago, Atlanta, Minneapolis/St. Paul, Los Angeles, and Denver. You may also fly into the Denver International Airport (DIA), rent a car and take in the sites of the Front Range as you travel down I-25 to Colorado Springs.

American Airlines is offering a special 5% discount on airfares to the American Society of Parasitologists for the 2010 Conference. These fares are valid for travel between: 18 June - 28 June to Colorado Springs. To book your flight on American Airlines or American Eagle, simply click on [www.aa.com](http://www.aa.com). Once you have selected your flight(s) under the "Enter Passenger Details" tab, go to the aa.com "Promotion Code" field and enter the STAR file reference #A1460AA. You may call American Airlines at 1-800-433-1790 to reserve your flight. Be sure to give the ticketing agent the reference code for the discounted airfare. **(Please note that there is a ticketing fee for all tickets issued via the phone).**

### **Ground Transportation and Rental Vehicles**

The Crowne Plaza-Colorado Springs provides complimentary shuttle service from the airport to the hotel. Complimentary service is available for departing guests as well. Arriving guests can call the Crowne Plaza (576-5900) from phones available on the same level as baggage claim. In addition, the local organizing committee will also operate shuttle services without cost. The company handling ASP registration (World Ventures, Tours & Travel) coordinates flight arrivals with shuttle service, so there should be minimal wait times. As you exit the airport, hotel shuttle buses will be located to your right. A corporate discount on rental cars is available from World Ventures, Tours & Travel, Inc. for ASP members attending the annual meeting. Car rental information will be found on the ASP registration site.

### **Driving Directions to the Crowne Plaza Hotel- Colorado Springs**

#### **From Pueblo, Northbound on I-25**

Take Interstate 25 North to exit 138 (Circle Drive). Make a right turn at the light at the end of the off ramp and a left turn into the parking lot of the Shell and Conoco gas stations. The hotel is behind the gas stations.

#### **From Denver, Southbound on I-25**

Take Interstate-25 south to exit 138 (Circle Drive). Make a left turn at the light at the end of the off ramp and a left turn into the parking lot of the Shell and Conoco gas stations. The hotel is behind the gas stations.

#### **From Colorado Springs Municipal Airport**

Drive west on Drennan Road for 2 miles: Turn right onto Hancock Expressway and travel 4 miles: Turn right onto the ramp that leads to Circle Drive going south. Follow Circle Drive south almost to I-25: Turn right into the parking lot of the Shell and Conoco gas stations. The hotel is behind the gas stations.

## About Your Abstract(s)

Abstracts must be submitted online (<http://parasitology.winston.wfu.edu>) where you will find all the instructions for your submission(s). **The deadline for receipt of abstracts is Friday, March 12, 2010.** Everything in the meeting *Program & Abstracts* booklet is entered, formatted, edited, and produced electronically at Allen Press. Please carefully read the directions below and follow them.



### Acceptance/Scheduling of Abstracts

Most abstracts, except those designating new taxa, will be accepted. Multiple papers being presented by one author may be restricted to two or three, with the remainder designated as posters at the discretion of the Scientific Program Officers. Notification of acceptance and/or scheduling of your paper is not automatic. If you need a letter to present to your administration stating that your abstract has been accepted, please be sure to check that box on the Web submission page. If you need to know the time and date that your paper is scheduled, please e-mail the ASP Scientific Program Officers for this specific information, but not before **May 14, 2010**, or you can check at <http://parasitology.winston.wfu.edu> or <http://asp.unl.edu>, where an electronic copy of the final *Program & Abstracts* booklet will be posted.

### Preparing Your Abstract(s)

All abstracts MUST be submitted in English. When writing your abstract, both the title and the content are important components. The TITLE should be short, concise, and indicative of the abstract; omit “the” wherever possible. Avoid general words like “Studies on” or “Investigations of.” Use words with index retrieval value. On the Web abstract-submission page, you will be asked to indicate the presenting author of the paper or poster, which will be indicated by an asterisk (\*) in the *Program & Abstracts*. The CONTENT should be a single paragraph of no more than 2,100 characters (including spaces, punctuation and HTML codes introduced by the abstract submission program) containing a concise statement of: (1) the problem under investigation (2) the experimental methods used and (3) the essential results obtained. The text should cite quantitative data from representative experiments or summary data. Scientific names should be written in full when first used, but on repetition abbreviate the genus name with the first letter of the genus only. Italicize all scientific names in abstract (title is handled by editor) (as instructed on the Web abstract/submission page). We do not desire to prevent discussion of new taxa, but abstracts and/or titles which constitute the first designation of new taxa will not be accepted. Thus, do not use genus and species names of new taxa anywhere in your abstract.

### Submitting Your Abstract(s)

Submit your abstract(s) via our Web page (<http://parasitology.winston.wfu.edu>): Follow all directions, fill in all the boxes, and press “Submit.” You will receive confirmation and a copy of your submitted abstract via a confirmation Web page; please print this page so as to have your confirmation number. Note: The function to write/correct your abstract(s) and related information will be disabled at midnight on **Friday, March 12, 2010**.

## Scientific Attractions

### Symposia and Workshops

In addition to our regular oral and poster presentations, we will again have a number of symposia and workshops at this year’s meeting. Drs. George Cain and Armand Kuris, our President and Vice President, respectively, are planning a fascinating President’s Symposium entitled, “**Recent Discoveries in the Biology of Schistosomes**”. Symposium participants include Drs. Jim McKerrow, Phil LoVerde and Sam Loker. The student symposium will feature 3 speakers, Drs. Janine Caira (UCONN), Jessica Kissinger (Georgia), and (TBA) who will enlighten us on how to access parasite databases from the comforts of one’s own home. Drs. Mark Jenkins and Lihua Xiao are co-organizers of the **42nd (!) Coccidiosis Conference**. This year’s conference will focus on the molecular techniques that are used to identify various strains of coccidia that may differ in virulence, drug resistance or phenotype. Drs. Jerry Esch (Journal Editor) and Mike Sukhdeo (Associate Editor) have organized the **3<sup>rd</sup> Annual Associate Editors Symposium** with a diverse assemblage of speakers, including Drs. Kristen Jensen (University of Kansas), Tim Geary (McGill University) and Al Shostak (University of Alberta). Drs. Janet Koprivnikar, Pieter Johnson and Jason Rohr have put together a fascinating symposium entitled “**Causes and Consequences of Helminth Infections in Amphibians**”. This symposium will explore the mechanisms through which environmental change alters host-parasite interactions. Finally, Dr. Jim Serach, the Aldo Leopold Chair for Distinguished Teaching of Environmental Science and Ethics at the Lawrence School in Lawrence, N.J. will conduct a workshop for middle and high school teaches as a part of the annual meeting.

## Awards and Lectures

Dr. Armand Kuris, University of California, Santa Barbara, will be presented with the ASP's Clark P. Read Mentor Award. The Stoll-Stunkard Committee will also be selecting this year's recipient. Additional awards will be announced in the program after the relevant committees have met and made recommendations.

## Student Travel Grants and Paper Competition

### Marc Dresden Student Travel (MDST) Grants

Applications and directions for MDST Grants are on the 2010 ASP Meeting web page (<http://parasitology.winston.wfu.edu>). The deadline for MDST Grant applications and to enter the Student Paper Competition is the same as the deadline for receipt of abstracts, **Friday, March 12, 2010**. Students must complete and submit the Certification of Student Status Form and the Travel Grant Form. In addition, students must have their advisor complete and submit the letter of support form along with their travel grant application. The chair of this year's committee is Dr. F. Agustin Jimenez ([agustinjz@zoology.siu.edu](mailto:agustinjz@zoology.siu.edu)), Department of Zoology, 355F Life Sciences II, Southern Illinois University, Carbondale, IL 62901-6501. Ph: 618-453-5540, fax: 618-453-2806.

### Student Paper Competition

ASP students are eligible for the "Best Oral Student Paper" award. Applications forms for the competition as well as the specific directions are on the 2010 ASP Meeting web page (<http://parasitology.winston.wfu.edu>). The deadline for Student Paper Competition applications is **Friday, March 12, 2010**. For students competing in the oral paper competition, remember that the Chair of the ASP Student Awards Committee (Dr. F. Agustin Jimenez) must receive one copy of your Application Form and abstract.

## Social Activities

### ASP Receptions

On Tuesday night from 7:00 p.m. until 10:00 p.m. the **ASP Welcoming Reception** will be held in the Atrium of the Crowne Plaza Hotel located just off the main hotel lobby. On Thursday evening you are invited to join the **ASP Private Party at the Cheyenne Mountain Zoo**. The evening is yours to explore all 146 acres of this picturesque zoo with its distinctive setting. The zoo is one of only two mountain zoos in the US. The zoo is home to over 30 endangered species, has the largest reticulated giraffe herd in the US and is a leader in the breeding and reintroduction of the Mexican Gray Wolf. Dinner will be served at the Moose Lake Pavilion with a spectacular view of Colorado Springs and the surrounding countryside some 700 feet below. If you get a little tired, don't worry. A special bus carries passengers up or down the mountainside with stops along the way so you can continue your walking tour.

### Student Social

A Student Social is being planned for all ASP students; the date and time will be announced at the meeting.

## Oral and Poster Presentations

### Electronic Presentations—MS PowerPoint®

MS PowerPoint® is the presentation standard for the meeting and presenters must use the PC computer provided in their session. The use of personal laptops of any kind (PC or Mac) will not be allowed. Speakers should bring their presentation stored on CD-R, USB Flash Drive, or USB Pen Drive only; other storage formats may not be supported. Presenters must download their files to the PC of their session at least 30 minutes before the start of their session. Presenters are encouraged to save their presentation using the "Pack and Go" feature of PowerPoint®, especially if digital MPEGs (Moving Pictures Experts Group) or special fonts are used (detailed instructions for this procedure are in PowerPoint® "Help"). To ensure that

each packed presentation is functional *before you leave home*, you are encouraged to unpack and run the presentation on a different computer than was used to create the presentation. Mac users can use the in-house systems if their files are saved with the “Pack and Go” feature. The onus will be on presenters to verify the compatibility of their files with the computers in use at the Crowne Plaza-Colorado Springs.

There will be a computer available in the Speakers Ready Room on which you can test your files. The standard presentation is 12 minutes plus 3 minutes reserved for questions and answers, unless otherwise indicated by the moderator. A laser pointer will be provided by the session moderator. One last word about PowerPoint® presentations: project your presentation and then view it from where the audience sits. **If you can't read it, they can't either.** Use contrast to your advantage, especially in labels. Blue or red letters in black boxes cannot be seen! White backgrounds are considered by some professionals to be the best. If you must use the “diaz” blue background, then consider lettering in bright white or bright yellow. Most other colors will not show up well. Keep the number of text lines to 9 to 10, or less, per slide. If you have to say, “*I know you can't see this, but ...*,” then omit it!! Last, you are not obligated to use every font, color and/or feature that Microsoft® puts in its program. Use fonts, colors and features both consistently and judiciously. Your audience will thank you and, if you are giving a student presentation, it will improve your presentation. Remember, your science is on display, not your computer skills.

### Poster Presentations

The poster session provides an additional means of substantive discussion of papers for members attending the Meeting. No competing activities will be scheduled during the poster session (unless absolutely unavoidable). Papers scheduled for presentation in the poster session are grouped by category, numbered, and listed with their abstract in the *Program & Abstracts* booklet. Each numbered poster will be allotted a correspondingly numbered **4' x 4' space (122 x 122 cm)**. Indicate the abstract number, title, and name(s) of the author(s) at the top of the poster so that it may be identified easily; the lettering for this heading should be at least 1 inch (**72 points**) high. A copy of your abstract should be posted in the upper left-hand corner of your poster. Please Note: Posters can be in English or Spanish, but the abstract posted in the left-hand corner of your poster must be in English.

## 21st Annual ASP Student Auction

Yet again, we are asking you to search your attics, basements, out-buildings, coffers or safety deposit boxes for donations to our Annual Auction to raise funds for student travel to meetings. Serious, humorous... whatever you come up with... it's all grist for the auction mill and will be much appreciated. You may bring your donation(s) with you to the meeting and turn it/them in for documentation when you register. **If you would like to mail your items ahead, please mail them to the chair of the local arrangements committee at the following address.**

Dr. Ronald Hathaway  
Colorado College  
Department of Biology  
14 E. Cache La Poudre Street  
Colorado Springs, CO 80903  
[rhathaway@coloradocollege.edu](mailto:rhathaway@coloradocollege.edu)  
Ph. 719-389-6399  
Fax. 719-389-6940

**If you have questions about the auction or about items you wish to donate, please contact:**

Dr. Kelli Sapp  
High Point University  
Dept. of Biology (D-10)  
833 Montlieu Avenue  
High Point, NC 27262  
336/841-4534; [ksapp@highpoint.edu](mailto:ksapp@highpoint.edu)

Ms. Lee Couch  
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MSC 03 2020  
1 University of New Mexico  
Albuquerque, NM 87131-0001  
505/277-2400; [lcouch@unm.edu](mailto:lcouch@unm.edu)

## Schedule of Events

### **Tuesday, June 22<sup>nd</sup>**

ASP Council Meeting .....8:00 a.m.–noon  
 2–3 oral paper sessions or symposia .....1:00–5:00 p.m.  
 Welcoming Reception, Atrium of the Crowne-Plaza.....7:00–10:00 p.m.

### **Wednesday, June 23<sup>rd</sup>**

ASP President's Symposium .....8:30–10:30 a.m.  
 Stoll–Stunkard Lecture .....11:00 a.m.–noon  
 4–5 oral paper sessions/symposia .....1:00–5:00 p.m.  
 21<sup>st</sup> Annual ASP Auction Preview & Auction .....7:00–10:00 p.m.

### **Thursday, June 24<sup>th</sup>**

1–4 oral paper sessions/symposia .....8:30 a.m.–Noon  
 1–4 oral paper sessions/symposia .....1:00–5:00 p.m.  
 Evening at the Cheyenne Mountain Zoo .....5:45–9:00 p.m.

### **Friday, June 25<sup>th</sup>**

1–4 oral paper sessions/symposia (as needed) .....8:30–10:00 a.m.  
 Poster Session .....10:30 a.m.–12:30 p.m.  
 H.B. Ward Medal Lecture .....2:00–3:00 p.m.  
 ASP Awards & Business Meeting .....3:00–4:30 p.m.

### **ASP Scientific Program Officers**

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## **Note to Members -**

The ASP Newsletter welcomes news stories, articles, poetry. Please send your text electronically to the editor as an e-mail and attach as an MS Word document. Drawings, photographs, charts, or tables can be sent as B/W TIF files at 300 dpi. Please send TIF files one at a time. A general rule is to limit photograph size to 3x5". You may attach both text and graphic files to your email message.

## **AFFILIATES of the ASP**

Annual Midwestern Conference of Parasitologists  
Helminthological Society of Washington  
New England Association of Parasitologists  
Northern California society of Parasitologists  
Parasitology Section, Canadian Society of Zoologists  
Rocky Mountain Conference of Parasitologists  
Southeastern Society of Parasitologists  
Southern California Society of Parasitologists  
Southwestern Association of Parasitologists