

August 2001



Reminder: 2002 AAVLD Membership  
Dues are due October 1, 2001!

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American Association Of Veterinary Laboratory Diagnosticians

**\*\*The 44th Annual USAHA/AAVLD meeting\*\***  
Hershey, Pennsylvania  
November 1-8, 2001

## 2001 Executive Board

President.....David Zeman  
 President-Elect.....Pat Blanchard  
 Vice President.....Terry McElwain  
 Immed. Past President.....Bruce Akey  
 Secretary/Treasurer.....Alex Ardans  
 North East.....Beverly Byrum  
 South East.....Fred Hoerr  
 North Central.....Gary Osweiler  
 South Central.....William Edwards  
 North West.....Donal O'Toole  
 South West.....Barbara Powers  
 Canada Provincial.....Grant Maxie  
 Canada Federal,  
 Ex-officio.....W.D.G. Yates  
 Ex-Officio, NVSL.....Bev Schmitt

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# AAVLD President's Message

Dr. David Zeman

I hope this newsletter finds you happy and perhaps refreshed after some summer vacation. Representing AAVLD this year has been busy but also enjoyable. As your president, I had the pleasure of attending two overseas meetings this summer. First, on June 30<sup>th</sup> president-elect Dr. Pat Blanchard and I met with leaders at the Office International Des Epizooties (OIE) in Paris France. As most of you know, the OIE is the intergovernmental organization charged with monitoring and reporting animal disease status worldwide. This information is used by its 147 member countries to protect animal health and control the spread of diseases. The OIE promotes transparency in animal health worldwide and harmonization of health-related international trade issues. The WTO agreement on *Sanitary and Phytosanitary Measures* advocates the use of standards (including diagnostic standards) developed under the auspices of the OIE. Dr. Jim Pearson, former NVSL director, served as our gracious host. Dr. Pearson is currently director of the OIE Scientific and Technical Department.

We then took the train to Parma, Italy to attend the Xth International Symposium of the World Association of Veterinary Laboratory Diagnosticians (WAVLD), July 4-7. The meeting was attended by approximately 350 veterinary diagnosticians from 36 different countries. My presentation was titled "*An Overview of the United States Veterinary Diagnostic Laboratory System – With Special Emphasis on the AAVLD.*" My goal was to educate international colleagues about our laboratory system and I challenged them to share likewise at future world meetings. I am sure that we all share common organizational and administrative issues, and have much to learn from one another. Special thanks go to the organizers for a fine program and for the warm Italian hospitality. The XIth world symposium is scheduled for 2003 in Thailand. Past AAVLD president, Konrad Eugster, is the current president of the WAVLD.

I also served at the advisory table on behalf of AAVLD during the annual AVMA House of Delegates meetings in Boston on July 11<sup>th</sup> and 12<sup>th</sup>. There were no major issues that directly impacted veterinary diagnosticians. The most contentious issues were a resolution to ban forced molting in poultry (failed) and issues over a national model veterinary practice act. The AVMA appears to be making headway in becoming more politically active on behalf of the profession. A resolution to have AVMA fund two additional congressional fellows passed. Senator Ted Kennedy spoke at a political action luncheon, and even brought his Portuguese water spaniel (*Splash*) to lunch.

The AAVLD executive board met on July 14<sup>th</sup> & 15<sup>th</sup>, as did the accreditation committee. There are two major items I would like to highlight to the membership:

- **Memorandum of Understanding (MOU) between AAVLD and NVSL:** As instructed by resolution during the last annual meeting, the executive board has been working with leaders at the National Veterinary Services Laboratory (NVSL) and APHIS to formalize and clarify the working relationship between the state veterinary diagnostic labs (represented by AAVLD) and our federal partners. Efforts have been ongoing for nearly a year and we will soon release the final draft to the AAVLD House of Delegates (HOD) and the membership for review. The goal is to adopt the MOU formally during the annual HOD meeting this November, if acceptable. Dr. Alfonso Torres (Deputy Administrator APHIS/VS) and Dr. Bev Schmitt (Acting Director – NVSL) were both in Boston to continue the dialogue on the MOU. This MOU will serve as a guide to our future state/federal interactions and provides a mechanism to work together on national animal health diagnostic issues.
- **Accreditation and International Standards:** The accreditation committee and the executive board have been grappling with the issues of quality assurance, harmonization, and international standards for several years. Good progress has been made by quality assurance programs within our labs over the past decade, but vital decisions must now be made relative to the OIE Manual of Standards and the ISO guides (international standards such as ISO 17025). Specifically, how should we incorporate these guides into the current AAVLD accreditation process? A task force has been assigned to write and present a white-paper report with recommendations in time for the annual HOD meeting. Task force members include Leon Thacker, Konrad Eugster, Bev Schmitt, Don Lein, Alex Ardans, Terry McElwain and David Zeman.

I am also pleased to report that several AAVLD members have been diligently serving since January as panel members on the *USDA APHIS Safeguarding Animal Health Review*. Final reports are now being written and will be submitted with recommendations to the Secretary of Agriculture. AAVLD members provided vital expertise and leadership for this important review.

As always, it has been a pleasure to represent and serve the dedicated veterinary diagnosticians in North America. See you in Hershey PA!

# AAVLD Executive Board Meeting

Saturday, July 14, 2001, 1:00pm-5:00pm

Boston Hilton- Jefferson Room

**Present:** Alex Ardans, Terry McElwain, Barb Powers, David Zeman, Bruce Akey, Donal O'Toole, Gary Osweiler, Pat Blanchard, Bill Yates and Bev Schmitt, **Guests:** Konrad Eugster, Leon Thacker, Willie Reed, Alfonso Torres, Don Lein and Doris Miller

1. The meeting was called to order at 1:20 pm by David Zeman.

2. **APPROVAL OF MINUTES:** Minutes of the February 11, 2001 Executive Board Meeting were reviewed. A motion was made to approve the minutes (Akey), seconded (Blanchard) and passed unanimously.

3. **TREASURER'S REPORT:** Alex Ardans presented the report of the Treasurer as follows:

Checking Account Balance on Hand January 1, 2001:	\$152,859.44	
Total Administrative Operating Receipts	\$44,971.92	
Total Administrative Operating Expenses	(\$111,924.47)	
<b>ENDING BALANCE JUNE 30, 2001:</b>		<b>\$85,906.89</b>
Certificates of Deposit as of JUNE 30, 2001		
CD#000418518	\$14,548.47	
CD#00475591	\$14,008.06	
<b>TOTAL, CERTIFICATES OF DEPOSIT</b>		<b>\$28,556.53</b>
Mutual Fund, Edward D. Jones, as of JUNE 30, 2001		
Account #190876276	New Perspective Fund	\$81,437.42
Account #165939129	Investment Co. of America	\$78,859.43
<b>TOTAL MUTUAL FUNDS</b>		<b>\$160,296.85</b>
<b>TOTAL ASSETS ON HAND- JUNE 30, 2001</b>		<b>\$274,760.27</b>

The price of a JVDI subscription was also discussed. A motion to increase domestic rates to \$85.00USD and \$100USD for foreign subscribers was made (Ardans), seconded (Blanchard), and carried unanimously.

Alex Ardans reiterated that individuals who are going to put on workshops during the Annual Meeting need to provide the Secretary/Treasurer's Office with a budget in advance of the seminar.

A motion to accept the report was made (Blanchard), seconded, and carried unanimously.

4. **PRESIDENT'S REPORT-** David Zeman attended the AVMA HOD meeting and reported that the AVMA elected a new president- Joe Howell. AVMA dues will be increased to \$225 for next year. There was discussion regarding pursuing a voting chair at the AVMA House of Delegates for AAVLD. David Zeman will find out what the criteria are for a voting seat on AVMA and whether AAVLD qualifies.

## 5. COMMITTEE REPORTS

### ACCREDITATION COMMITTEE:

Leon Thacker gave an update on the Accreditation Committee business of July 14, 2001. He announced Ron Wilson as the newest member, to complete the committee's membership.

**A2LA/ISO 17025:** Leon Thacker and David Zeman attended the A2LA assessors class in April and reported that it was very in-depth training. There was only one other person who attended (out of 25) that was involved in the biological sciences (microbiology lab accreditation). They reported that AALA is locked into an accreditation site visit every-other-year. Leon Thacker stated that this would likely be a problem as it would be labor intensive for the lab being visited and difficult for the Accreditation Committee as it consists of volunteer members.

David Zeman and Patricia Blanchard met with representatives from the UK, whose laboratory system is ISO 17025 accredited; highlights of the discussion are as follows:

- They felt 17025 created more consistency throughout their 14-lab system.
- The biggest cost is in people-power (they have a QA manager in every lab). Estimates range from a 5-30% increase in budget costs overall to maintain 17025-compliance. The labs are site-visited every year.
- They said it was a struggle to go through the process of meeting 17025 standards, but that there are many benefits. They reported that it is much easier to handle customer complaints because they have the paper trail to check their data; also troubleshooting has become much easier.
- They suggested that labs seeking 17025 accreditation do not include low-volume tests or anything that's interpretive, such as necropsy or histopathology slide interpretation but sample collection, and handling done in necropsy must be included as it impacts the other labs.
- UK representatives reported that staff resistance and the emotional toll of compliance was very heavy, but that once staff got into the routine of operating by 17025 standards it became automatic. In the UK, internal audits are done by technicians that audit different departments (histotechs audit bacti, i.e.)
- They have a validation document (template) that they have used for BSE and CF tests and will be using for others. They are willing to share with AAVLD but would like feedback on it also
- New tests that they develop, and export tests are validated.
- Administration, customer service, etc. is accredited, then specific tests are accredited.
- Their accrediting agency visits each lab every year. They said an advantage to yearly is they keep things from sliding too much and there is less to update if you do it yearly rather than waiting for a 2-year review.

Konrad Eugster pointed out that the system in UK is slightly different than the U.S. because they are Commonwealth labs that are under one Director. They can also share a QA system.

The Board discussed the OIE standards as compared to ISO 17025 standards. Konrad Eugster, who attended the OIE meeting in June, gave a summary of OIE (see OIE report pages 11-12). He reported that the OIE puts out its standards, and how countries enforce them is up to the individual country.

Alfonso Torres clarified that ISO 17025 is not a requirement for export testing and trade, and that in order to be defensible to the WTO, countries must only meet the OIE standards. He suggested that NVSL will begin to draft the standards for ISO-type accreditation, then work with AAVLD to tighten it up; together they could present it to A2LA. David Zeman will send Alfonso Torres a copy of the comments A2LA made regarding folding the AAVLD Accreditation process into ISO Standards.

The Board agreed that it is important that the Accreditation Committee maintain its political power to get financial funding, and have standards to defend laboratory's quality. It was suggested that incorporating OIE standards into the AAVLD Accreditation process would be a good stepping stone toward ISO accreditation, should that be mandated sometime in the future.

***ACTION ITEM: LEON THACKER (CHAIR), KONRAD EUGSTER, TERRY MCELWAIN, ALEX ARDANS, BEV SCHMITT, DON LEIN AND DAVID ZEMAN WILL PUT TOGETHER A WHITE PAPER ON A WORKING PLAN FOR UPCOMING ACCREDITATION CHANGES.***

#### **Memorandum of Understanding**

The draft MOU between NVSL and AAVLD was reviewed and changes were suggested. David Zeman will send changes and updates that were made to the document to NVSL, who will seek approval of its legal advisor. Contingent upon that approval, the memo will go to the House of Delegates for approval at the annual meeting in Hershey.

#### **JVDI:**

John Kreeger not present; CAB abstracts proposal will be dispersed to Executive Board and will be discussed at next meeting.

#### **PUBLICATIONS COMMITTEE:**

Newsletter: Patricia Blanchard. No report.

Manuscripts: Fred Hoerr not present.

Web Site Update: Gary Osweiler reported the new website is ready to go live. It will be activated ASAP and a notice will be sent to all members.

## **PROGRAM COMMITTEE:**

Blanchard reported on the Orlando site visit; a decision will be made regarding that site at this year's annual meeting.

There are 107 submissions (15 are posters) for this year's program.

There will be special speakers on the following topics: Validation of testing and Epidemiology of BSE, CWD, Scrapie testing validation and genetics in live sheep, U.S. BSE Surveillance, Prion inactivation.

Donal O'Toole suggested inviting Joe Brownlie to talk about the FMD outbreak and how politics impacted how it was handled in the UK. David Zeman and Don Lein offered to assist Pat Blanchard to get private organization funding to pay for the overseas invited speakers travel costs.

Pat Blanchard made a motion that the general account will fund any deficit in travel funds for speakers; the motion carried unanimously.

Alex Ardans will pursue getting certification for CE content through the RACE program.

## **CANADA REPORT:**

Bill Yates presented the Canada report as follows:

1. Federal-Provincial Laboratory Linkages. Similar to the situation in the US, where NVSL and the AAVLD are looking at an MOU on overall delivery of animal health laboratory testing, in Canada we feel that we should have better communications and closer ties between the federal laboratories of the Canadian Food Inspection Agency (CFIA) and the provincial and university veterinary diagnostic labs. We are addressing this with a proposed new entity called the Canadian Animal Health Laboratorians Network. This group will not displace other organizations such as the Canadian Association of Veterinary Pathologists, or the involvement of many Canadian diagnosticians with the AAVLD. There will be an annual business and scientific meeting in Ottawa.

2. Transmissible Spongiform Encephalopathies. Canada is increasing monitoring of the various species susceptible to the major TSEs: scrapie, bovine spongiform encephalopathy, and chronic wasting disease. All three are reportable to the CFIA under the Health of Animals Act of Canada. Our approach will be to increase the level of testing done by the provinces and by the CFIA laboratories at St. Hyacinthe, Ottawa, Winnipeg, and Lethbridge. There will also be a research and test development component to the work. Pathologists have and are being hired and trained, containment standards are being revised and lab buildings assessed against those standards, and testing programs are being put into place or revised.

3. Testing for Chemical Residues. The CFIA has received funding to make a significant reinvestment in testing for chemical residues. The Agency has committed to establish a residue program consistent with Codex Alimentarius Commission guidelines and to encompass not only approved products, but also a broad range of banned substances and drugs that are susceptible to extra-label use, in the full range of animal-derived foodstuffs subject to Agency inspection. New funding has also been approved to increase routine residue testing contracted by the Agency to private laboratories accredited by the Standards Council of Canada (ISO). The new resources permit the addition of scientific staff and a major investment in equipment, including mass spectrometry capacity. Capabilities will also increase for methods development. When fully implemented, this will be at least a 5 fold increase in the survey component of Agency residue control programs.

## **MEMBERSHIP COMMITTEE**

The Association has 1210 members and 210 subscribers as of 6/30/01. A welcome letter was sent to all new members this year.

## **CREDENTIALS**

Terry McElwain presented a draft list of the House of Delegates members and alternates.

## **FOUNDATION**

Pat Blanchard suggested that some Foundation funds be used to bring a speaker in for the Annual Meeting; Leon Thacker will check with the other Foundation Committee members for approval. If industry donates any money for annual meeting speakers and there's any left over, it will be turned over to the Foundation. Dr. Kreeger has submitted 5 manuscripts for consideration for the JVDI award; the committee will review them and select a winner to be announced at the Annual Meeting.

## **NVSL REPORT (for complete reports see page 8):**

Bev Schmitt presented the NVSL report. She discussed funding for the master plan, impact on NVSL of the FMD outbreak, and work done in conjunction with the Department of Defense for disinfection testing. She reported that a laboratory in Michigan has been approved for TB testing. The Brucellosis check tests were done recently and results are just coming in.

## **NOMINATIONS**

Bruce Akey reported that he sent out an email soliciting nominations for upcoming open Executive Board slots. Those suggestions will go to the nominations committee for verification and consideration. He solicited input from the Board as to how many people should be on the ballot, and consensus was that the Nominations committee should use its discretion.

## **AWARDS**

Bruce Akey reported that a suggestion had been made to grant life membership to all former Presidents of the Association, as is the practice in USAHA. Currently, some have that status and some do not in AAVLD. Bill Yates made a motion that all AAVLD Presidents be granted life membership status upon completion of their term as President. The motion was seconded by Barb Powers and carried unanimously.

## **6. OLD BUSINESS**

### **OIE report**

The new OIE manual will come out in Jan 2004 and they are looking for reviewers for the next version. Pat Blanchard will send out an index of topics in the manual to Board members.

### **APHIS Safeguarding Review Update**

Bruce Akey reported on the recent visit to ports around the U.S. \$32 million has been added to the program to increase staff after the FMD outbreak. NASDA is hoping to use the findings to write the next farm bill.

### **AAVLD Approved methods committee update**

Frank Galey not present. David Zeman will contact him to discuss his willingness to convene the committee in Hershey relative to Frank Galey's new appointment as Dean of Agriculture at the University of Wyoming.

### **IFAFS**

AAVLD did agree to be a cooperating organization with Jim Roth's grant to send diagnosticians around the world to see different diseases first hand.

## **7. NEW BUSINESS**

### **WAVLD**

The meeting this year was held in Italy in July. The next meeting is in 2 years, in Thailand.

### **Officer Responsibilities**

A Revised copy of the officer duties calendar was distributed. Board members are to review it and send any changes/additions to Alex Ardans.

### **Next Meeting**

The Fall Board meeting will be held Friday, November 2, 2001, 1-5pm, Tower 1, Hershey Lodge

**Meeting was adjourned at 5:37 pm.**

## NVSL REPORT

by Dr. Beverly Schmitt

1. \$40 million was approved by the House for further detailed planning of the new combined Diagnostic and Research Center concept in Iowa. The Senate is to consider the bill next week.
2. The foot and mouth disease outbreak in the UK has resulted in increase in vesicular disease investigations in the United States and in FMD testing at the Foreign Animal Disease Diagnostic Laboratory at Plum Island.
3. A pilot Johne's project using a control sera panel has been initiated with eight laboratories taking part to look at kit-to-kit and plate-to-plate variation.
4. A current project comparing six culture methods for Johne's isolation is in progress.
5. Culture for *Mycobacterium bovis* by the Michigan Department of Community Health laboratory has been approved by NVSL.
6. Dr. Jonathan Katz will be presenting information on fraudulent blood test methodologies. Testing is currently available at \$10/sample if necessary.
7. Brucella check test results are being returned. Dr. Barbara Martin will compile and send out the summary results.
8. UC Davis California Animal Health and Food Safety Laboratory System has been approved for a pilot project for histologic evaluation of California federal slaughterhouse lymph nodes and lesions for *Mycobacterium bovis*.
9. The US needs to increase their BSE sampling. NVSL is currently looking at validation of European kits. There is a proposed increase of 5000 brain submissions for this fiscal year. NVSL needs to make plans/budget to run up to 200,000 samples per year for BSE surveillance.
10. NVSL is looking for another laboratory to take over the Elephant *Mycobacterium* culture testing.

### AAVLD Strategic Planning Session

Sunday, July 15, 2001, 8:00am-12:00pm, Boston Hilton- Jefferson Room

Present: Alex Ardans, Terry McElwain, Barb Powers, Don Lein, David Zeman, Bruce Akey, Gary Osweiler, Pat Blanchard, Bill Yates, Bev Schmitt, Konrad Eugster, Donal O'Toole, Leon Thacker, Bill Edwards  
Called to order at 8:12 by David Zeman

**OBJECTIVE 1:** Gain recognition of **AAVLD accreditation** as a viable, internationally acceptable quality based process for accreditation, in order to insure acceptance of work performed by AAVLD accredited laboratories.

**Accomplishments 2000-2001:** The AAVLD accreditation committee has for the past 5-6 years continued to upgrade the quality standards for laboratory accreditation gradually incorporating aspects found in the OIE guidelines for management and technical aspects for testing laboratories. In 2000-01 several members of the accreditation committee met with AALA to discuss the ISO17025 guide as it might relate to our current accreditation process and accreditation of veterinary diagnostic laboratories. Leon Thacker and David Zeman attended a one-week AALA assessor-training course to gain a better understanding of the ISO17025 process. This process is fairly prescriptive and would not permit the advisory functions that are so critical to the current accreditation process in providing support to laboratories to obtain much needed resources.

In July, four members of the AAVLD executive board and accreditation committee met with representatives from the Veterinary Laboratory Agency, U.K. federal laboratory system. Some of the comments from this meeting relative to their experiences with ISO17025 are included in the executive board minutes.

#### Action Items:

1. A white paper with a *recommendation for the future direction of the AAVLD Accreditation process* will be drafted and presented to the House of Delegates during the Fall meeting in Hershey. Leon Thacker (chair), Konrad Eugster, Terry McElwain, Alex Ardans, Bev Schmitt, Don Lein and David Zeman are charged with coming up with a framework for the white paper, including target dates for implementation of changes. Terry McElwain reiterated the need to clearly communicate with all members any changing expectations for accreditation.
2. Approved Methods: David Zeman will contact Frank Galey to see if he will still chair the new committee (whose membership consists of the chairs of disciplines). [Frank Galey agreed to continue as chair]
3. OIE Meeting: Attendance of an AAVLD representative promotes the goals of obtaining international recognition. AAVLD will continue to send a representative to the May meeting. Bruce Akey will attend in 2002, and Terry McElwain in 2003. In the future, AAVLD will send the Vice President as their representative.



World Association of Veterinary Laboratory Diagnosticians: Membership in this organization also promotes our international recognition and should be more formally structured. Currently Craig Carter is Secretary/Treasurer of the WAVLD and a member of AAVLD. Konrad Eugster will contact the WAVLD to see if AAVLD can have an organization representative on the WAVLD Board of Directors, and will propose a nominee at the November meeting.

4. Post the AAVLD minimal essentials for accreditation on the web site.

**OBJECTIVE 2: Implement programs to increase the pool of individuals interested in pursuing careers in veterinary diagnostic laboratory medicine ...**

Barb Powers stated that this objective is accomplished and promoted by the individual labs. She is bringing in 1<sup>st</sup> and 2<sup>nd</sup> year veterinary students for diagnostic lab rotations, but is having a problem finding Pathology residents. She suggested that sending students to the AAVLD Annual meeting is a good way to familiarize them with the Association and interest them in diagnostic work. She indicated her willingness to work on developing the Foundation sponsored brochure "Careers in Veterinary Diagnostic Laboratory Medicine". The Executive Board asked Barb Powers to contact Kathy Craighead to help on this project. Currently industry recruits most of the graduating residents and graduate students due to higher salaries and this is leading to a shortage of trained faculty for diagnostic laboratories. Industry does not contribute funding to the training programs for these individuals.

There was also agreement that State/University diagnostic laboratories are not competitive employers with private practice in regards to the training salaries for residents/grad students compared to salaries for graduating veterinary students entering private practice.

**Action items:**

1. Gary Osweiler volunteered to compile salary data for University/state diagnostic laboratory salaries compared to industry. Alex Ardans will help. AVMA has a blueprint for a salary survey and VM Dean's offices have been compiling some data. Once a blueprint is developed, it can be updated every 5 years. It is difficult to get real numbers on industry salary because of the bonuses.
2. Bruce Akey, Don Lein and David Zeman will investigate the possibility of a loan-forgiveness program, and diagnostic fellowships that emphasize surveillance and diagnostic functions sponsored by USDA.
3. Develop "Career in Veterinary Diagnostic Laboratory Medicine" brochure. Barb Powers to work on.

**OBJECTIVE 3: Centralize administrative functions...**

The support staff to implement this objective has been hired in the Secretary/Treasurer's office. Officers or the Accreditation committee in need of administrative assistance should contact the secretary/treasurer's office.

**OBJECTIVE 4: Promote and establish veterinary diagnostic laboratories as contributors to food safety, zoonotic disease, environmental pathogen detection and bioterrorism initiatives...**

Department of Energy is getting out of this arena leaving the Department of Justice to spearhead efforts. The Iowa State Collaborative Project under Gary Osweiler to produce a search engine is completed. Currently they need to develop an on-line mechanism for member laboratories to update their available test offerings relative to bioterrorism agents.

The USDA is required to report back to the Senate on a plan for BSE and FMD, which could be an opportunity to address laboratory needs for NVSL, state labs, etc. AAVLD needs to make sure that USAHA specifically addresses the role of diagnostic labs, not just state veterinarian offices, in everything they do. AAVLD needs to continue their efforts to increase visibility of the veterinary diagnostic laboratories relative to this objective. In the zoonotic disease arena, diagnostic laboratories are still an often overlooked resource and once involved in surveillance testing they continue to be under-funded and lack necessary reagents both of which are provided preferentially to public health laboratories.

Bill Yates noted that there is a good tie between objective 4 and objective 1, upgrading AAVLD and/or ISO17025 accreditation. The goal of reaching the OIE testing laboratory standards up to and including ISO17025 demonstrates to the animal health world that AAVLD accredited laboratories are more than just an animal health player, but can be a viable and credible participant in food safety, zoonotic disease, environmental pathogen, etc. testing

**Action items:**

1. Place an AAVLD representative on the National Animal Health Emergency Management Steering committee. The Chair is Joe

Anelli (Head of Emergency Programs, Vet Services, Riverdale). David Zeman will send a letter on AAVLD's behalf requesting representation on this committee.

2. Individuals involved in the Safeguarding review should insure the final document recognizes the need for funding of state/university laboratories as a key component of a national surveillance system.
3. Alex Ardans and Don Lein will contact Dr. Jerry Gillespie regarding AAVLD representation on the Food Safety Board he chairs.
4. Pat Blanchard will contact Richard Oberst at Kansas State University regarding his willingness to chair a Food Safety committee within AAVLD. It was suggested that there are probably enough interested members in each laboratory to have such a committee.

**OBJECTIVE 5: Expand AAVLD income sources...**

There has been some progress getting patrons for JVDI. The Foundation increased the award level for the graduate student awards that the Foundation has sponsored for years and initiated a new JVDI best paper award. The membership has questioned why they should donate if the money was not being used or what would it be used for, leading to the addition of one new program.

It was suggested that graduate student travel awards be funded. Pat Blanchard reported that on the member survey some people said they wouldn't contribute to the Foundation if the money was used for travel awards since they felt the individual schools should be funding this activity. The membership committee, however, expressed strong support to obtain corporate sponsors for graduate student travel awards and Paige Carmichael and Richard Mock at the 2000 annual meeting, offered to help work towards this goal.

A suggestion was made that a letter be sent electronically to the membership encouraging them to donate to the Foundation (by AAVLD President and Chair of Foundation Committee).

**OBJECTIVE 6: Increase membership involvement in AAVLD activities....**

**Activities:** Terry McElwain, vice-president, and the secretary/treasurer's office began sending letters to new members this year. The letter invites them to contact committee chairs in areas of interest and introduces them to the publications, web and listserv and organization committee structure and national meeting. There was discussion that Directors need to commit to sending "new" discipline employees, such as food safety, epidemiology and QC/QA, to the annual AAVLD meeting.

**OBJECTIVE 7: Nurture and welcome allied groups that want to join our annual meeting. (New objective)**

Contact the QA/QC professionals and invite them to take part in AAVLD as the laboratories have increasing need for these individuals and they can add an important aspect to our organization. Several laboratories are currently looking to hire part time QA managers.

**OBJECTIVE 8: Enhance information collection, management and retrieval. (New objective)**

**Action item:**

1. Gary Osweiler will look into putting a search engine on the AAVLD web page that predefines that it will search links on the AAVLD web site. This will allow people to search for tests and fees that are posted and updated at individual laboratories sites but linked to the AAVLD web page.
2. Pat Blanchard will talk to Jim Case to see if a search engine can be put on the AAVLD listserv for archived discussion threads.

**Other topics:**

ARS has a stakeholder team that reviews CREES projects. AAVLD needs to pursue getting representation on this team when they are dealing with diagnostic issues.

**Action item:** Bev Schmitt will provide Dave Zeman with a contact person in order to get an AAVLD representative on the group.

Meeting was adjourned at Noon

## UPDATE ON SUMMER 2000 OPEN STRATEGIC PLANNING ACTION ITEMS:

**Annual meeting site selection MOU:** An AAVLD officer has been added to the joint annual meeting site selection group and the executive boards of both organizations met in February and agreed on site selection criteria and moving toward a few select sites revisited in rotation.

**Electronic publication of JVDI:** JVDI back issues are available on the upgraded web site that went live in August. Electronic publication of the journal for some members would not be a major cost savings at this time unless we went to electronic only.

**Disciplines to develop validation document for new methods.** This has been centralized into the new AAVLD Approved Methods committee with chairs of each discipline serving as the membership.

**Virology and Clinical Pathology QA/QC guidelines:** No activity. Request the chairs of Virology and Pathology to address these activities in November.

**Marketing plans and tools to expand income from non-member source:** Media packets for Patrons and advertisers in JVDI have been developed and distributed to accredited laboratory directors. Further efforts to obtain program funding for Foundation projects from industry and other sources needs to be addressed.

## OFFICE INTERNATIONAL de EPIZOOTIES (OIE) REPORT

*A.K. Eugster*

After 30 years of hearing about OIE, I finally had the pleasure of attending and representing AAVLD at the 69<sup>th</sup> General Session in Paris, May 27-June 1, 2001. Dr. Lyle Vogel, representing the AVMA, Dr. Maxwell Lea, president-elect of the USAHA and myself, were part of the U.S. delegation headed by Dr. Alfonso Torres, Deputy Administrator of APHIS. The OIE now has 160 countries as members. The delegate of each country is the CVO (Chief Veterinary Officer). In the U.S., the equivalent to the CVO is the Deputy Administrator of APHIS or the highest-ranking veterinarian within APHIS.

The workings of the OIE have similarities with that of the USAHA. There are numerous working groups and ad hoc committees. Resolutions and recommendations from these groups move up to various commissions, i.e. Standards, FMD and other Epizooties, Fish Disease, International Animal Health and the 5 Regional Commissions (Europe, Americas, Asia - Far East and Oceania, Africa and Middle East). All standards, codes and recommendations are brought before all delegates where they are discussed and voted upon.

The fundamental role of OIE, created in 1924, is to produce scientific standards for animal health and zoonosis. The OIE wishes to restrict itself to scientific considerations and remain apolitical. When the WTO decided that the OIE would be its scientific reference organization in the area of animal health, the standards setting and associated trade implications as well as political pressures on the OIE increased. Because of the extensive committee and commission structure, the OIE works slowly - which has led to a backlog of standards and codes. The disparity among member countries in the use of new technical and informative technology creates difficulties with regard to accuracy and speed of reporting certain diseases.

There was considerable discussion to move BSE to the List A disease from its current position on the List B and do the opposite for Bluetongue. There was also a resolution passed to study the abolishment of the whole concept of a List A and B and consider these diseases from an economic, public and animal health standpoint as to either immediate or periodic reporting timeframe. For example, in a country where FMD is endemic the disease is not of great economic consequence. The same case could be made for Bluetongue or vesicular stomatitis in certain regions of the world.

The following codes were officially amended:

- (1) Bluetongue – Some changes reflect a new recognition of the length of the viremic phase; it was eventually decided that it should be 100 days. A standard reflecting a longer viremic phase would have compromised the concept of exporting from a seasonally BTV free area. Chapter's dealing with semen and BTV were amended with the words oocysts and in vitro produced bovine embryos.
- (2) BSE – Definitions were established in regards to low and high incidence of BSE in a given country or zone. Considerable discussion centered around what a country must do for OIE to declare it free of BSE, particularly in regards to active surveillance. Some European countries thought that the brain of all cattle over 18 months of age, which either died or were killed, except for normal slaughter, should be examined. Currently, active surveillance requires only brain from cattle

with clinical signs compatible with BSE to be examined. The minimum number of brains to be examined in this regard would be 433 for a population of 40 million native-born cattle over 2 years of age.

Dr. Heim, the TSE Coordinator for Switzerland, made the following statements:

- (a) BSE in sheep can only be differentiated from Scrapie by a bioassay in mice.
  - (b) There is no evidence that either Scrapie or Chronic Wasting Disease pose a risk to human health.
  - (c) Britain lost 180,000 cattle to BSE infection; all other countries combined lost ~ 600 cattle due to BSE infection.
  - (d) BSE infects young calves (less than 1 year of age) and has an incubation period of 4-6 years. Current diagnostic tests only pick up positive animals in the end stage of the disease (the last 6 months).
  - (e) Only 1/3 of BSE cases exhibit typical clinical CNS signs; other signs include a chronic weight loss and kicking during milking, in the absence of mastitis.
  - (f) The most significant risk factor is feeding of ruminant derived meat and bone meal (MBM). If MBM is made in the same mill as other cattle feed, cross contamination during the milling process or during transportation is a significant risk factor.
- (3) Collection and Processing of Bovine Semen – The amendments dealt mostly with hygienic collection and handling of semen, facilities including a separate isolation facility for sick bulls and a new method for counting microorganisms in semen.
  - (4) FMD – New rules dealing with importation of bovine embryos from FMD-free countries where vaccination against FMD is practiced.
  - (5) Contagious Bovine Pleuropneumonia – The chapter was amended to include bovine embryos/oocysts.
  - (6) Leptospirosis – The chapter now specifies what a health certificate should contain in regards to the importation of oocysts/embryos – mainly donor cows and all other animals on the same premise must have been free of clinical signs of leptospirosis for 90 days prior to collection and all processing and collection fluids must contain efficacious antibodies.
  - (7) Brucellosis – Donors of bovine oocysts/embryos must be from a country or premise officially tested and found free of brucellosis.
  - (8) Scrapie – All animals over 18 months of age that died or were killed for reasons other than routine slaughter should be tested.
  - (9) Infectious Bursal Disease – No live virus vaccination allowed if birds from the same premise are to be exported; flock must be free of disease from the day of hatching to the day of shipment.

An update on List A and some List B diseases was given and many delegates spoke about progress in their respective countries. Dr. Torres announced that the U.S. has not had a case of brucellosis and that if no new case appears in the next 12 months, the U.S. will be declared free of bovine brucellosis. Several delegates from Africa reported on the excellent program of eliminating rinderpest with a very effective vaccine. However, when they stop vaccination against rinderpest, PPR (Peste des petits/ruminants), a related virus appears again. Sweden and Spain announced their cattle were free of enzootic leukosis.

Two excellent invited technical papers were given. One entitled “The Importance of Emerging Diseases on Animal and Public Health and Trade” by Dr. Corrie Brown of the University of Georgia. Sixty-five of the eighty-five countries responding to her survey reported outbreaks due to one or more emerging diseases, with significant impact on trade and production over the past 5 years. Reasons for the emergence of new or reemergence of old diseases are the increased movement of people and animals, environmental and animal husbandry changes and diseases crossing species boundaries.

The second technical paper given by Dr. Daniel Gregoire of FAO in Mali dealt with the “Role of Communication Management in Assisting Veterinary Services”. The recent events with BSE and FMD have had positive and negative effects on how the public views veterinary medicine and its services.

Of particular interest to AAVLD is the OIE “Standard for Management and Technical Requirements for Laboratories Conducting Tests for Infectious Animal Diseases”. While not on the agenda during this session, this standard, already approved, is scheduled for more discussion in 2002. The standard is similar to ISO17025 but with significant differences. OIE will place the finalized standards in its code but will leave it up to each country to enforce or verify them. OIE will not accredit labs themselves but will look to 3<sup>rd</sup> parties who have competence and experience in accrediting veterinary diagnostic laboratories.

The incorporation of OIE standards has been under consideration by the Accreditation committee for a number years and as reported in the strategic planning session notes (page 8), progress has been made and a white paper of proposed future changes will be submitted to the House of Delegates in November.

**The  
Hershey Lodge &  
Convention Center**

P.O.Box 446  
West Chocolate Ave.  
& University Drive  
Hershey, PA 17033  
Phone: 717-533-3311

Reservations Telefax:  
717-534-8668

# Hotel Registration

USAHA/AAVLD Convention  
GROUP CODE: USA1031

**Arrival Date: Wednesday, October 31, 2001**

**Departure Date: Friday, November 9, 2001**

**SINGLE/DOUBLE RATE: \$109.00 per room per night**

**European Plan:** These rates include overnight accommodations only per room per night and are subject to 6% PA state occupancy tax and 3% local tax.

Reservation requests received less than 45 days prior to arrival will be accepted on a space available basis only. Kindly mail this form to the address above or FAX it to 717-534-8668. If you care to receive a confirmation, one will be faxed to you within 24 hours of receipt. **Please confirm your departure date as the Lodge does charge a \$50.00 early departure fee.**

*Guest Information- PLEASE PRINT*

<p>Name: _____</p> <p><b>CHECK ONE:</b> Business <input type="checkbox"/> Home <input type="checkbox"/></p> <p>Address: _____</p> <p>_____</p> <p>Telephone: _____</p> <p>Fax: _____</p> <p>Email Address: _____</p> <p>Arrival Date: _____</p> <p>Departure Date: _____</p> <p>Total No. Guests in Room: _____</p>	<p>IF SHARING ROOM, PLEASE COMPLETE SHARE-WITH INFO</p> <p>Name: _____</p> <p><b>CHECK ONE:</b> Business <input type="checkbox"/> Home <input type="checkbox"/></p> <p>Address: _____</p> <p>_____</p> <p>Telephone: _____</p> <p>Fax: _____</p> <p>Email Address: _____</p> <p>Arrival Date: _____</p> <p>Departure Date: _____</p> <p>Nonsmoking (if available) <input type="checkbox"/></p>
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*Transportation Service from/to Harrisburg International Airport and Harrisburg Train Station with prior arrangements only. A fee is charged.*

Guest Name	Date	Carrier (HIA or HTS)	Carrier #	Time

Your room must be guaranteed for occupancy to a major credit card (listed below) or by sending a deposit by check or money order in the amount of one night's lodging plus 8% tax (state and local). This deposit will guarantee your reservation and will be applied only for the confirmed day of arrival. Please make check payable to **THE HERSHEY LODGE & CONVENTION CENTER.**

- |                   |                      |
|-------------------|----------------------|
| [ ] VISA          | [ ] Discover Card    |
| [ ] MasterCard    | [ ] American Express |
| [ ] Carte Blanche | [ ] Diners Club      |

Credit Card #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Name on Card: \_\_\_\_\_

**CANCELLATION:** If you find it necessary to cancel your reservation, please contact THE HERSHEY LODGE at the above number no later than 72 hours prior to arrival. Your deposit will be returned if cancellation is received more than 72 hours prior to your scheduled arrival date. Ask for and record the cancellation number given at the time cancellation is made.

**CHECK IN TIME IS AFTER 4:00 P.M. – CHECK OUT TIME IS 11:00 A.M.**  
*We cannot guarantee your occupancy before 4:00 p.m. (check in time)*

# USAHA/AAVLD Registration

Please Print – Check All Spaces Applicable

Dr.

Mr.

Ms.

_____	_____	_____	_____
Last Name	First Name	Initial	Hotel
_____		_____	_____
Address		City	State Zip
_____		_____	_____
Affiliation _____		Phone No: _____	
E-Mail _____		Fax No: _____	

## PLEASE CHECK APPLICABLE BOXES

- U.S.A.H.A. Member
- A.A.V.L.D. Member
- NON-Member
- Program Speaker

## Please Remit To:

U.S. Animal Health Association  
P. O. Box K227  
Richmond, VA 23288

Preregistration Deadline – **Sept. 28, 2001**

Preregistration (Members)	\$200.00 \$ _____
Preregistration (Non-Members)	\$350.00 \$ _____
Spouses Registration	\$ 50.00 \$ _____
Registration At Meeting (Members)	\$225.00 \$ _____
Registration At Meeting (Non-Members)	\$350.00 \$ _____
U.S.A.H.A. Annual Dues – 2002	\$100.00 \$ _____
A.A.V.L.D. Annual Dues – 2002	\$ 75.00 \$ _____
Total	\$ _____

USAHA'S Federal ID No: #21-6008168

**Hershey, Pennsylvania**

**The Hershey Lodge & Convention Center  
717/533-3311**

**November 1-8, 2001**

## Spouse's Registration

Name: \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

Check No. \_\_\_\_\_ Amount \_\_\_\_\_

# Hershey, Pennsylvania

For more information on activities in the area see the website at [www.HersheyPA.com](http://www.HersheyPA.com)  
Visit Chocolate World, Zoo America, Hershey Museum, Several golf courses and 60 Outlet stores right in Hershey, PA  
Sports - Hershey Bears Pro Hockey Team at HersheyPark Stadium and Hershey Theatre Events  
HersheyPark Reopens November 9 for Christmas in Hershey with Candy Lane Display

Just 30 minute drive to Pennsylvania Dutch Country (Lancaster county)  
45-minute drive to Gettysburg Battlefield

Minutes from the state capitol in Harrisburg with award winning State Museum, Restaurants and Entertainment

The Hershey Lodge and Convention Center has free to guests access to on-site large indoor pool, fitness facility, tennis and basketball courts, bocce ball and on-site 18-hole miniature golf course.

Airport shuttle available for \$12.00 one way, contact the hotel in advance or call from the airport  
Easy access dining: Three on-site restaurants, a sports bar with restaurant, Lobby Bar and Lounge for light fare and drinks plus a Coffee shop.

Across the street from Friendly Ice Cream Shop and nearby fast food!

## *Air Travel and Rental Car* November 1 – 8, 2001, Hershey, PA

USAHA has selected **Stellar Access, Inc. (SAI)** as the official event travel service. Call 1-800-929-4242 and ask for **Group #211** to receive the following discounts or the lowest available fares on any other carrier:

**American Airlines and US Airways** - save 5% to 10% on lowest applicable fares with an additional 5% off with a 60 day advance purchase. All rules and restrictions apply. Travel between October 27 – November 13, 2001.

**Avis Rent A Car** – rates start as low as \$40/day for economy models and \$166/week with unlimited free mileage.

Visit our Website: [www.stellaraccess.com](http://www.stellaraccess.com) - book your reservations yourself. The system is quick and easy.

**NOTE: First time users must register and refer to your Group #211**

Call SAI at: 800-929-4242 /Outside US & Canada: 619-232-4298 / fax 619-232-6497.

A \$10 transaction fee will be applied to all tickets purchased via phone service.

Reservation hours: M-F 6:30am - 5:00pm Pacific Time

**When calling airlines direct, please use the following codes:**

American Airlines	1-800-433-1790	File #	28H1AI
US Airways	1-877-874-7687	GF #	23121945
Avis Rent A Car	1-800-331-1600	AWD #	J949157

# Spouses Tour Information and Registration

## Historic Gettysburg

Sunday, November 4, 8:00 am - 5:00 pm

Take a grand tour of the famous Civil War battlefield at Gettysburg, enjoy a buffet lunch at the historic Dobbin House, and take in some antique shopping in the quaint town of New Oxford!

\$45.00 per person. Seating is limited. Please reserve by September 25, 2001.

## Longwood Gardens & Winterthur Museum

Tuesday, November 6, 8:00 am - 5:30 pm

Treat yourself to the sights of one of the world's most beautiful places! Longwood Gardens presents acre upon acre of magnificent indoor and outdoor gardens, with special seasonal displays. You can also visit the stately Winterthur mansion and museum. En route, enjoy the scenic ride through Lancaster county's Amish countryside.

\$40.00 per person

**To make your reservation:**

USAHA/AAVLD

**Indicate the excursion.**

**Complete and sign the application.**

**Return this form with payment to:**

AAA Travel

PO Box 1354

Harrisburg, PA 17105

717-657-2178 or 1-800-253-6238

### TOUR SELECTION:

Gettysburg, November 4 (\$45.00 per person)

Longwood Gardens, November 6 (\$40.00 per person)

Both (\$85.00 per person)

The enclosed payment (to AAA Travel) is for:

Name: (1) \_\_\_\_\_ (2) \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Daytime phone: ( ) \_\_\_\_\_

Credit Card: MC  VISA  Card Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

I/We have read and understand and agree to the conditions below.

Signatures:

(1) Mr./Mrs./Ms. \_\_\_\_\_

(2) Mr./Mrs./Ms. \_\_\_\_\_

**Payment:** Payment in full is required to confirm your reservation. For credit card payments, AAA accepts only VISA or MasterCard.

**Cancellation:** Refund, if any, is determined by the tour operator based on the date of cancellation.



## Special Sessions and Workshops- Hershey, PA

### 1st Annual C.L. Davis/AAVLD Diagnostic Pathology Symposium

November 1, 2001, Hershey, PA

8:30 am - 5:00 pm, Trinidad Room

I hereby apply for enrollment in the above stated program, and agree to hold the C.L. Davis, DVM Foundation, and its officers and faculty and the cosponsors, the Department of Veterinary Pathology, Armed Forces Institute of Pathology, and the American Association of Veterinary Diagnosticians, free of any loss or complaint which may arise from their conduct of the aforementioned program or action any one of them may take in relation to this application.

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

Check the appropriate registration fee and include payment (*made payable to the C.L. DAVIS FOUNDATION*).

METHOD OF PAYMENT: VISA  MasterCharge   
Discover  American Express   
Credit Card No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

\$75 per person

\$150 (Receives membership in the Foundation. Each such new member will receive a copy of *The Necropsy Book, (2nd Ed.)*, by John King, Lois Roth, and David Dodd.

EVERY ATTENDEE MUST COMPLETE THE FOLLOWING:

Name: \_\_\_\_\_ Degrees: \_\_\_\_\_

Complete Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State or Province: \_\_\_\_\_ ZIP or Postal Code ( for zip give 5 + 4): \_\_\_\_\_

Telephone No.: \_\_\_\_\_ Fax: \_\_\_\_\_

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

#### SEND YOUR APPLICATION TO:

THE CHARLES LOUIS DAVIS FOUNDATION  
6245 Formoor Lane  
Gurnee, Illinois, 60031-4757, USA

Telephone: (847) 367-4359  
Fax: (847) 247-1869

### Saturday Afternoon Histopathology Slide Seminar

November 3, 2001, Hershey, PA, 3:30-6:00 PM (new time from last year)

Short, interesting, challenging and educational cases will be presented at this Histopathology Slide Seminar. Presentations are 5 minutes in length, with another 3 minutes for discussion. A copy of abstracts will be available at the seminar, and posted on the AAVLD website.

### Diagnostic Bacteriology Case Presentations, Saturday-- Call for Title by September 21

November 3, 2001, Hershey, PA, 3:30- 6:00 pm (new time from last year)

Come and join an interesting and informative discussion group. We need your case presentations in order to make this gathering a success. All presentations are informal – yours will be welcome! Send **title of presentation** to Dr. Melissa (Mitzi) Libal at [mlibal@tamu.edu](mailto:mlibal@tamu.edu) or phone 409-845-3414 by **September 21, 2001**.

8/22/01

**2001 TENTATIVE AGENDA**  
**105<sup>TH</sup> ANNUAL MEETING UNITED STATES ANIMAL HEALTH ASSOCIATION**  
and  
**44<sup>TH</sup> ANNUAL CONFERENCE OF AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS**  
**USAHA/AAVLD Daily Schedule**

USAHA/AAVLD HEADQUARTERS HOTEL – Hershey Lodge and Convention Center Hotel, Telephone number (717) 534-8600 for reservations.

**USAHA/AAVLD REGISTRATION**

**Chocolate Lobby Registration**

Thursday, November 1 – 2:00pm-5:00pm  
Friday, November 2 - 12:00noon-5:00pm  
Saturday, November 3 - 8:00am-5:00pm  
Sunday, November 4 - 8:00am-5:00p

Monday, November 5 - 8:00am-5:00pm  
Tuesday, November 6 - 8:00am-5:00pm  
Wednesday, November 7 - 8:00am-5:00pm

**REGISTRATION FEES**

**Member's Pre-registration Fee: \$200.00**

Non Members Pre-registration Fee: \$350.00  
Member's Registration Fee at Meeting: \$225.00  
Non Members Registration Fee at Meeting: \$350.00  
Spouse's Registration Fee: \$50.00  
USAHA Annual Dues - 2001: \$100.00  
AAVLD Annual Dues – 2001: \$75.00

Please register early. Wear your badge when attending all meetings. (You must have a badge in order to attend the meetings.)

**AAVLD EXHIBITS/POSTERS**

**Blue Room In The Great American Hall**

Saturday, November 3 – 12:00noon-5:00pm  
Sunday, November 4 – 8:00am-5:30pm  
Monday, November 5 – 8:00am-1:00pm

**AAVLD INFORMATION DESK**

Chocolate Lobby Registration  
Friday, November 2 – 2:00-5:00pm  
Saturday, November 3 - 8:00am-5:00pm  
Sunday, November 4 - 8:00am-5:00pm  
Monday, November 5 - 8:00am-12:00noon

**BULLETIN BOARD**

The Bulletin Board will be located at the registration desk in the Chocolate Lobby. Please check the bulletin board often for last minute changes in program, time and location of committee meetings, personal messages, telephone calls and faxes.

**SPEAKER READY ROOM** Exhibit Hall Convention Office: Saturday, Sunday, Monday, Tuesday, Wednesday – 7:00am-5:00pm.

**DAILY EVENTS**

**THURSDAY – NOVEMBER 1, 2001**

Western States Dairymen Johne's Meeting – 8:00am-4:30pm;  
AAVLD Workshop-Toxicology Method Harmonization – 8:00am-5:30pm;  
C.L. Davis Foundation Workshop on Neoplasia of the Skin and Nervous System— 8:30am-5:00pm;  
AAVLD Approved Methods Committee – 12:00pm-3:30pm;  
National Milk Producers Federation – 12:Noon-9:00pm;  
AAVLD Long Range Planning – 3:30-5:30pm –  
AAVLD Food Safety Committee – 6:30-8:30pm –

Fireside Restaurant.  
Tower 1 Room.  
Trinidad Room  
Tower 2 Room.  
Tower 3 Room.  
Tower 2 Room.  
Tower 1 Room

**FRIDAY – NOVEMBER 2, 2001**

AAVLD Financial Advisory Committee - 7:30-8:30am;  
AAVLD Subcommittee on Bacteriology, Mycology and Mycoplasmaology- 8:00am-10:00am;  
AAVLD Publications Committee – 8:00-10:00am;  
AAVLD Accreditation Committee - 8:00am-12:00noon;  
AAVLD Executive Committee - 8:30-10:00am;  
Johne's Working Group – 8:30am-9:00pm;  
AAVLD Subcommittee on Anaerobic Infections - 10:00am-12:00noon;  
AAVLD Epidemiology Committee – 10:00am-12:00noon;  
AAVLD Virology Committee - 12:00noon-3:00pm;  
AAVLD Subcommittee on Antimicrobial Susceptibility Testing - 1:00-3:00pm;  
AAVLD Executive Board - 1:00-5:00pm;  
ABVT Executive Board Meeting – 1:00-2:00pm;  
AAVCT Annual Meeting – 2:00-2:30pm;  
AAVCT/AAVLD – Veterinary Toxicology Case Presentations – 2:30-4:30pm;

Tower Board Room.  
Monarch A/C Rooms.  
Tower 3 Room.  
Tower 1 Room.  
Tower Board Room.  
Aztec Room.  
Monarch A/C Rooms.  
Cocoa 3 Room.  
Monarch I/K/M Rooms.  
Monarch A/C Rooms.  
Tower 1 Room.  
Cocoa 3 Room.  
Cocoa 3 Room.  
Cocoa 3 Room.

AAVLD Enteric Diseases Committee – 3:00-5:00pm;  
AAVLD Informatics Committee - 1:00-5:00pm;  
AAVLD Editorial Board of JVDI – 4:00-6:00pm;  
AAVLD Serology Committee - 3:00-6:00pm;  
AAVLD Constitution and Bylaws Committee – 5:00-6:00pm;  
USAHA Allied Industry and Board of Directors Meeting - 5:00-7:00pm;  
USAHA Board of Directors Meeting - 6:00-8:00pm;  
AAVLD - The Veterinary Medical Diagnostic Lab Network - 7:30-10:30pm;  
AAVLD Foundation Committee – 8:00-9:00pm;

Monarch A/C Rooms.  
Cocoa 2 Room.  
Tower 3 Room.  
Monarch B/D/F Rooms.  
Tower Board Room.  
Cocoa 2 Room.  
Tower Board Room.  
Monarch A/C Rooms.  
Tower 1 Room.

**SATURDAY – NOVEMBER 3, 2001**

AAVLD Pathology Scientific Session 1 – 8:00-11:15am;  
National Animal Health Emergency Management Steering Committee – 8:00am-5:00pm;  
AAVLD – Bacteriology Scientific Session 1– 8:00-11:15am;  
AAVLD – Virology/Serology Scientific Session 1– 8:00-11:15am;  
AAVLD – Epidemiology Scientific Session – 8:00-11:15am;  
AAVLD House of Delegates and General Membership – 11:15am-12:00noon;  
USAHA Committee on Salmonella Enteritidis in Eggs - 12:30-5:30pm;  
USAHA Feral Swine Committee - 1:00-4:00pm; Monarch G Room.  
AAVLD Exhibits and Poster Session - 12:00noon-5:00pm;  
AAVLD Pathology Scientific Session 2 – 1:00-3:00pm;  
AAVLD Virology/Serology Scientific Session 2 – 1:00-3:00pm;  
AAVLD Bacteriology Scientific Session 2 – 1:00-3:00pm;  
AAVLD Toxicology Scientific Session – 1:00-3:00pm;  
AAVLD Administrative Management Personnel Committee - 1:00-5:00pm;  
National Association of Federal Veterinarians – 2:00-5:00pm;  
USAHA Public Relations Committee Meeting - 3:00-5:00pm;  
AAVLD Veterinary Analytical Toxicology & Mycotoxins and  
USAHA Environmental Residues Committee and Case Presentations – 3:30-6:30pm;  
AAVLD – Diagnostic Bacteriology Case Reports –3:30-6:00pm;  
AAVLD Government Relations Committee – 3:30-5:30pm;  
AAVLD Membership Committee – 5:00-6:00pm;  
AAVLD Histopathology Slide Seminar - 3:30-6:00pm;  
AAVLD Laboratory Directors Committee - 5:30-7:30pm;  
Board of Directors of the American Assoc. of Food Hygiene Veterinarians - 6:00-10:00pm;  
USAHA Committee Chair/Program Committee Meeting – 6:00-8:30pm;  
AAVLD Bacteriology Steering Committee - 8:00-10:00pm;  
USAHA Advisory Sub-committee on Swine Brucellosis - 8:00-10:00pm;

Nigerian Room.  
Monarch E Room.  
Aztec Room.  
Trinidad Room.  
Cocoa 2/3/4 Rooms.  
Nigerian Room.  
Monarch A/C Rooms.  
  
Blue Room in the Great American Hall.  
Nigerian Room.  
Cocoa 4/5 Rooms.  
Aztec Room.  
Cocoa 2/3 Rooms.  
Monarch B Room.  
Monarch F/H Rooms.  
Tower 3 Room.  
  
Cocoa 2/3  
Aztec Room.  
Monarch O Room.  
Tower Board Room.  
Nigerian Room.  
Monarch F/H Rooms.  
Tower 3 Room.  
Monarch E/G Rooms.  
Monarch B Room.  
Cocoa 5 Room.

**SUNDAY – NOVEMBER 4, 2001S**

USAHA Northeast Breakfast - 6:30-8:30am;  
AAVLD – Trek Diagnostic Breakfast – 7:00-9:00am;  
NMPF/Animal Disease Committee Breakfast and Meeting - 7:00am-12:00noon;  
USAHA Brucellosis Subcommittee on Education Meeting - 8:00am-12:00noon;  
AAVLD Exhibits and Posters - 8:00am-5:30pm;  
Allied Group Food Safety Symposium: Sponsored By The American Association Of Food Hygiene Veterinarians And  
National Association Of State Meat & Food Inspection Directors - 8:00am-12:00noon;  
National Assembly of Chief Livestock Health Officials Meeting & Luncheon - 8:00am-12:00noon;  
AAVLD Pathology Scientific Session 3- 8:00am-9:30am;  
AAVLD John's Scientific Session –8:00-9:30am;  
AAVLD TSE Scientific Session – 8:00-9:30am;  
AAVLD Plenary Scientific Session on Foreign (FMD) and Emerging Diseases – 10:00am-12:00noon  
AAVLD Pathology Committee – 12:00noon-1:00pm;  
AAVLD Administrative Management Personnel Committee - 8:00am-12:00noon;  
National Cattlemen's Beef Association - 8:30am-12:00noon;  
USAHA Scientific Advisory Sub-Committee on Brucellosis – 9:00am-12:00noon;  
USAHA Biologics and Biotechnology Committee - 12:30-5:30pm;  
USAHA Brucellosis Committee - 12:30-5:30pm;  
USAHA Food Safety Committee - 12:30-5:30pm;  
USAHA Infectious Diseases of Horses Committee - 12:30-5:30pm;  
USAHA Parasitic Diseases Committee - 12:30-5:30pm;  
USAHA Salmonella Committee - 12:30-5:30pm;

Cocoa 2/3 Rooms.  
Monarch B Room.  
Cocoa 4 Room.  
Tower Board Room.  
Blue Room in the Great American Hall.  
Monarch E/G Rooms.  
Trinidad Room.  
Aztec Room.  
Monarch A/C Rooms.  
Nigerian Room.  
Nigerian Room  
Aztec Room.  
Cocoa 5 Room.  
Monarch H Room.  
Tower 3 Room.  
Monarch E/G Rooms.  
Trinidad Room.  
Monarch D/F Rooms.  
Monarch I Room.  
Monarch B Room.  
Monarch J/L Rooms.

USAHA Transmissible Diseases of Swine Committee - 12:30-5:30pm;  
APHIS/VS Managers Workshop Conference - 1:00-5:00pm –  
USAHA Mycoplasma Subcommittee of Poultry – 1:00-5:00pm;  
USAHA Scientific Advisory Sub-Committee on TB – 1:00-2:30pm;  
FSIS/USDA - 1:00-5:00pm;  
AAVLD Laboratory Safety/Waste Disposal Committee – 1:00-5:00pm;  
Joint AAVLD/USAHA Aquaculture Committee – 1:00-5:00pm;  
Joint USAHA/AAVLD Animal Disease Information Systems Committee – 1:00-5:00pm;  
District at Large (Allied, Industry and Regional) Meeting - 1:00-3:00pm;  
Joint USAHA/AAVLD Reception - Hors d'oeuvres and cash bar - 5:30-6:45pm;  
Joint USAHA/AAVLD General Session - 7:00-8:00pm; .

Monarch H Room.  
Cocoa 2/3/4 Rooms.  
Tower 3 Room.  
Aztec Room.  
Monarch M.  
Cocoa 5 Room.  
Monarch K Room.  
Monarch A/C Rooms.  
Nigerian Room.  
Aztec/Nigerian Rooms.  
Aztec/Nigerian Rooms.

**MONDAY – November 5, 2001**

AAVLD Past Presidents Breakfast - 6:30-8:00am;  
AAVLD Exhibits and Posters - 8:00am-1:00pm;  
USAHA Business Session – 8:00-8:30am;  
AAVLD/USAHA Joint Plenary TSE Scientific Session – 8:30-11:30am;  
AAVLD House of Delegates and Awards presentations – 11:30am-12:30pm;  
Spouses Brunch - 9:30-12:00noon;  
State Directors of Meat Inspection – 12:30-5:30pm;  
USAHA Bluetongue and Bovine Retrovirus Committee - 12:30-5:30pm;  
USAHA Foreign and Emerging Diseases Committee - 12:30-5:30pm;  
USAHA Infectious Diseases of Cattle, Bison and Lama Committee - 12:30-5:30pm;  
USAHA John's Disease Committee - 12:30-5:30pm;  
USAHA Pharmaceuticals Committee - 12:30-5:30pm;  
USAHA Transmissible Diseases of Poultry - 12:30-5:30pm;  
USAHA Pseudorabies Committee - 12:30-5:30pm;  
USAHA Tuberculosis Committee – 12:30-5:30pm;  
AAVLD Committee Chairs and Program Committee Meeting – 1:30-4:00pm;  
American Association of Avian pathologist Liaison with AVMA – 5:00-7:00pm;

Tower 3 Room.  
Blue Room in the Great American Hall.  
Nigerian Room.  
Nigerian Room.  
Nigerian Room.  
Trinidad Room.  
Monarch A/C Rooms.  
Monarch B Room.  
Cocoa 2/3/4/5 Rooms.  
Monarch E Room.  
Monarch F/H/J Rooms.  
Monarch I Room.  
Monarch L/N Rooms  
Monarch K/M Rooms.  
Aztec Room.  
Tower 1 Room.  
Tower 1 Room.

**TUESDAY, NOVEMBER 6, 2001**

USAHA North Central Meeting and Breakfast - 7:00am-12:00noon;  
Southern Animal Health Association Breakfast - 7:00-9:00am;  
Western States Livestock Health Association Breakfast and Meeting - 7:00am-12:00noon;  
NVSL Meeting – 7:00-9:30am;  
State Directors of Meat Inspection - 8:30am-5:30pm;  
National Scrapie Oversight Committee Meeting - 9:00am-12:noon;  
Joint USAHA/AAVLD Board of Directors Luncheon – 12:00noon-1:30pm;  
USAHA Captive Wildlife and Alternative Livestock Committee – 12:30-5:30pm;  
USAHA Foreign and Emerging Diseases Committee - 12:30-5:30pm;  
USAHA Import-Export Committee – 12:30-5:30pm;  
USAHA Infectious Diseases of Cattle, Bison and Lama Committee – 12:30-5:30pm;  
USAHA John's Disease Committee - 12:30-5:30pm;  
USAHA Livestock Identification Committee – 12:30-5:30pm;  
USAHA Pseudorabies Committee – 12:30-5:30pm;  
USAHA Public Health and Environmental Quality Committee – 12:30-5:30pm;  
USAHA Transmissible Diseases of Poultry –12:30-5:30pm;  
USAHA Executive Committee Meeting – 6:00pm;

Aztec Room.  
Trinidad Room.  
Monarch B/D Rooms.  
Cocoa 2 Room  
Monarch A/C Rooms.  
Tower 1 Room.  
Tower 3 Room.  
Cocoa 2 Room.  
Nigerian Room.  
Monarch E/G Rooms.  
Cocoa 3 Room.  
Trinidad Room.  
Monarch I/K Rooms.  
Cocoa 4/5 Rooms.  
Monarch J Room.  
Monarch H Room.  
Aztec Room.

**WEDNESDAY, NOVEMBER 7, 2001**

USAHA Past President's Breakfast - 7:00-9:00am;  
USAHA Animal Welfare Committee - 7:00am-12:00noon;  
USAHA Feed Safety Committee - 7:00am-12:00noon;  
USAHA Rabies Committee - 7:00am-12:00noon;  
USAHA Sheep and Goat Committee – 7:00pm-12:00noon;  
USAHA Wildlife Diseases Committee – 7:00am-12:00noon;  
USAHA General Session – Scientific Section - 1:00 -3:30pm;  
Break - 3:30-3:45pm  
USAHA Business Section – 3:45-4:30pm  
USAHA Executive Committee Meeting - 5:00pm;

Tower 3 Room.  
Monarch A Room.  
Monarch C Room.  
Monarch E Room.  
Monarch G Room.  
Monarch I/K Rooms.  
Aztec Room.

Cocoa 4/5 Room.

# Scientific Sessions

## 44th Annual Meeting of the American Association of Veterinary Laboratory Diagnosticians

### Epidemiology Scientific Session, Saturday 8:00-10:30 am, Cocoa 2/3/4

Moderators: Drs. Francois Elvinger and

- 8:00 Early exposure to, and fecal shedding of, *Clostridium perfringens* in 10 healthy foals — D.R. Hyatt, A. Dennison, K. Tillotson, J. Traub-Dargatz, C. Dickinson and R. Ellis
- 8:15 A model to estimate optimal pool-sizes of fecal samples to detect Johne's disease in dairy herds — G. van Schaik, S.M. Stehman, Y.H. Schukken, C.R. Rossiter, S.J. Shin, and D.H. Lein
- 8:30 An outbreak of Rabbit Viral Hemorrhagic disease in Utah — E.J. Kelly, M.R. Marshall, B. Stegelmeier, R.A. Smart, B. King and S.N. Phillips
- 8:45 Bovine Viral Diarrhea Virus congenital infection (BVDV CI) in two California dairy herds — **C.A. Munoz-Zanzi\***, S.K. Hietala and M.C. Thurmond
- 9:00 Epidemiology of a large outbreak of Malignant Catarrhal Fever in Bison (*Bison bison*) following brief exposure to sheep at an auction sale — **J. Berezowski\***, D.M. Middleton, B. O'Connor, G. Appleyard, K. West, J. Haigh, M. Woodbury, T. Crawford, H. Li, D. O'Toole
- 9:15 Serologic follow-up of a repopulated swine herd after an outbreak of proliferative enteropathy — **R.M.C. Guedes\***, C.J. Gebhart, G.A. Armbruster and B.D. Roggow

#### 9:30- 10:00 am BREAK

- 10:00 Serosurvey of *Neospora caninum* infection in Midwestern cattle from herds with perceived reproductive problems — **I. Rodriguez\***, S. Rodgers, L. Choromanski and D. Weinstock
- 10:15 Spatial clustering of BSE cases in Switzerland — M. G. Doherr

### Toxicology Scientific Session, Saturday 1:00-3:00pm Cocoa 2/3

Moderators: Drs.

- 1:00 Chinaberry (*Melia azederach*) poisoning in a horse — A.C. Barr, T.J. Vicek, G. Riff and J.C. Reagor
- 1:15 A case of monensin toxicosis in feeder lambs — **T. Aboellail\***, B.M. DeBey and F.W. Oehme
- 1:30 Species comparison of the warfarin sensitive enzyme Vitamin K<sub>2</sub>, 2,3-epoxide reductase- **C. R. Wilson\***, G.P. Carlson, J.M. Sauer and S.B. Hooser
- 1:45 Diagnosis of Oleander poisoning in urine, serum and liver by LC/MS<sup>3</sup> — B. Puschner and E.R. Tor
- 2:00 Baclofen intoxication in a Norwich Terrier puppy — R.H. Poppenga, I. Rudik, W. Herndon and T. Melgarejo
- 2:15 Detection of muscle relaxants by liquid chromatography/mass spectrometry — I. Rudik, M.R. Cummings and R.H. Poppenga
- 2:30 Baclofen toxicosis in a dog: Death by Pharmacist — W.K. Rumbelha, W.E. Braselton and A. Caceres
- 2:45 Canine liver iron, copper and zinc concentrations and association with histologic lesions — D. Hamar, P. Schulttheiss and C. Bedwell

**\*Graduate student presentation**

## Pathology Scientific Session 1, Saturday 8:00-11:15 am, Nigerian Room

### Moderators:

- 8:00 Pathologist's Oncology Initiative - B. E. Powers  
8:15 Uterine tumors in eleven cats (1993-2000) —M.A. Miller, J.A. Ramos-Vara, L.W. Pace, S.E. Turnquist, G.C. Johnson, J.M. Kreeger, J.R. Turk  
8:30 Thyroid transcription factor-1 (TFF-1): immunohistochemical evaluation in canine thyroid neoplasms —J.A. Ramos-Vara, G.C. Johnson, M.A. Miller and L. Pace  
8:45 Immunohistochemical evaluation of monoclonal antibody Hepatocyte Paraffin-1 (Hep Par-1) and a monoclonal antibody to cytokeratin 7 in canine primary and metastatic hepatic neoplasms —J.A. Ramos-Vara, M.A. Miller, M.E. Beissenherz, A. David and G.C. Johnson  
9:00 A summary of the results of the evaluation of lesions of the digit using a uniform protocol —D. M. Miller and P. Groh  
9:15 Canine cutaneous histiocytoma: Is that your final answer? —A. Kasuske

### 9:30- 10:00 am BREAK

- 10:00 Diagnostic investigation of an outbreak of a fatal disease in a rabbitry: similarity with Rabbit Hemorrhagic Disease —T.P. Mullaney, T.G. Bell, A.G. Wise, D.C. Taylor, C. Han, R. K. Maes and S.R. Bolin  
10:15 Copper associated hepatopathy in dalmatians —**D.A. Kamstock\***, C.B. Webb and G.L. Mason  
10:30 "Fat Bison Syndrome": a report of fatal hepatic lipidosis in obese, late pregnant bison (*Bison bison*) cows —**J. Berezowski\***, E. Simko, M. Feist, J. Haigh and M. Woodbury  
10:45 A familial neuromuscular disease in Gelbvieh cattle —P.G. Moisan, DJ. Steffen, M.W. Sanderson, J.C. Nietfeld, M.R. Finley, D.M. Grotelueschen, G.A. Andrews, G. Johnson, L. Williamson and S.D. Rushton  
11:00 Clinical course and histopathology of osseous changes in Salers hemochromatosis —D. O'Toole and R. Norrdin

## Pathology Scientific Session 2, Saturday 1:00-3:00pm Nigerian Room

### Moderators: Drs. H. Shivaprasad and

- 1:00 Lesion development in White-tailed deer experimentally infected with *Mycobacterium bovis* —M.V. Palmer, W.R. Waters and D.L. Whipple  
1:15 Susceptibility of raccoons (*Procyon lotor*) to infection with *Mycobacterium bovis* —M.V. Palmer, W.R. Waters and D.L. Whipple  
1:30 False-positive rabies virus immunofluorescence may occur in cattle with *Haemophilus somnus* meningoencephalitis — T.D. Lemire, J.S. Smith and C. Gates  
1:45 Epidemic dermatophytosis (club lamb disease) in a flock of sheep —D. O'Toole, D. Bevier, K. Mills and B. Hunsaker  
2:00 Infectious agents identified from multifocal interstitial nephritis in swine at slaughter —R. Drolet, S. D'Allaire, R. Laroche, R. Magar, M. Ribotta and R. Higgins  
2:15 Transmission of porcine reproductive and respiratory syndrome virus from persistently infected sows to contact controls —M.D. Bierk, S.A. Dee, K.D. Rossow, S. Otake, J.E. Collins and T.W. Molitor  
2:30 Experimental vesicular stomatitis in horses —E.W. Howerth, D.G. Mead, D.E. Stallknecht, M. Murphy and E. Mueller  
2:45 Outbreaks of equine herpesvirus encephalomyelopathy in horses associated with mules —D.H. Read, M.L. Anderson, S.K. Hietala, M.H. Stillian and J.D. Moore

### \*Graduate student presentation

## Virology/Serology Scientific Session 1, Saturday 8:00-11:15 am Trinidad Room

Moderators: Drs.

- 8:00 Application of Baculovirus expressed antigens in enzyme-linked immunosorbent assays for detection of antibody to Bluetongue and Epizootic Hemorrhagic Disease viruses —J.O. Mecham, W.C. Wilson
- 8:15 Genetic variation of Epizootic Hemorrhagic Disease virus isolates: spatial and temporal influences—**M. D. Murphy\***, N.J. MacLachlan, E.W. Howerth and D.E. Stalknecht
- 8:30 Identification and sequence analysis of Malignant Catarrhal Fever virus of White-tailed deer in Missouri — S.B. Kleiboeker, M.A. Miller S.K. Schommer and S.E. Turnquist
- 8:45 Multiplex RT-PCR for simultaneous detection of group A, B, and C bovine rotavirus —S.K. Schommer and S.B. Kleiboeker
- 9:00 Evaluation of a rapid diagnostic test (SAS Rota test) for rotavirus detection in porcine and bovine fecal samples —D. Tewari and B. Russo
- 9:15 Immunohistochemical detection of West Nile Virus in crows —H. Kim, D. Tewari, B. Corson and P. Miller

### 9:30 – 10:00 am BREAK

- 10:00 Detection of cattle persistently infected with bovine viral diarrhea virus by direct fluorescent antibody staining of ear skin biopsies —R.K. Maes, D.L. Grooms and C. Benson
- 10:15 Use of RT-duplex PCR and quantitative real-time RT-PCR to screen Bovine Viral Diarrhea Virus-persistently infected animals in herds -S.G. Kim, P.R. Harpending, J.L. Cornell and E.J. Dubovi
- 10:30 Genotyping of the Egyptian strain (Iman) of BVDV and its RNA synthesis in cell culture —H.A. Hussein, N.A. Alaam, M.A. Shalaby, M.S. Saber and I.M. Reda
- 10:45 Observational studies on H3N2 Swine Influenza viruses in Iowa swine —K.J. Yoon, J.D. Schneider, K.M. Harmon, C. Pallatroni and B.H. Janke
- 11:00 Reciprocal cross-protection against heterologous challenge between H3N2 swine influenza viruses with minimal serologic cross-reactivity in the hemagglutination inhibition test -B.H. Janke, R.A. Swalla and K-J. Yoon

## Virology/Serology Scientific Session 2, Saturday 1:00-3:00pm Cocoa 4/5

Moderators: Drs. Sharon Hietala and

- 1:00 Detection of a novel calicivirus in Michigan rabbits: genomic sequencing and analysis —A.G. Wise, S.R. Bolin and R.K. Maes
- 1:15 Detection of pigeon circovirus infection by polymerase chain reaction using formalin-fixed paraffin embedded tissues —A.S. Dhillon, P. Roy, L.H. Lauerman and H.L. Shivaprasad
- 1:30 Development of a blocking ELISA for detection of swine antibodies to PRRSV —E. Zhou, J.J. Zimmerman, K.X. Zhou, K. Platt, K. Yoon and D. Horter
- 1:45 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) in breeding swine: Use of PCR on tonsil biopsies and sentinel pigs to detect viral nucleic acid and shedding in persistently infected pigs —**D. Waldner\***, K. Fairbanks, L. Holler, C. Nelson, C. Johnson, C. Chase, J. Christopher-Hennings, D. Benfield
- 2:00 An indirect enzyme linked immunosorbent assay (iELISA) with simple antigen preparation for the detection of antibodies against Porcine Epidemic Diarrhea Virus— **DaeSub Song\***, JinSik Oh, BongKyun Park
- 2:15 Simple method for identification of correctly and incorrectly paired livestock sera -J.B. Katz, T.O. Bunn, A.G. Grow and M.J. Gilsdorf
- 2:30 Differential immunoblotting for detection of *Brucella*-specific responses -J.B. Katz, B.M. Martin, S.G. Hennager, L.M. Philo, W.H. Edwards and T. Kreeger

**\*Graduate student presentation**

## Bacteriology Scientific Session 1, Saturday 8:00-11:15 Aztec Room

Moderators:

- 8:00 Pitfalls of representational difference analysis when used in an outbred population— M.E. Loewen, A. Quon, G.W. Forsyth and G.D. Appleyard
- 8:15 Comparison of the metabolic tests utilizing the Warburg apparatus and substrate specific Tetrazolium Reduction Test— D.R. Ewalt, A.L. Dunning, C.A. Mochal and J.B. Payeur
- 8:30 Identification of virulence-associated genes in *Escherichia coli* strains isolated from diarrheic calves in Iowa — N Hines, L. Hoffman\* and T. Klinefelter
- 8:45 *Escherichia coli* enteritis in piglets: isolation and association of AIDA/STb, rather than EAST1, pathotype with diarrheic animals — M. Ngeleka, J.M. Fairbrother, J. Pritchard and D. Middleton
- 9:00 Assessing characteristics of pathogenic *E. coli* strains associated with colibacillosis in turkey —C. DebRoy, S. Altecruz, D. Needle and J. Torcolini
- 9:15 Characterization of multiple *Escherichia coli* strains from a captive adult wildebeest (*Connochaetes t. taurinus*) with acute necrohemorrhagic enteritis—K. Cucchi-Stefanoni, C.A. Eslava, C. Juan-Salles, M.M. Garner, A. Paras
- 9:30 – 10:00 am BREAK**
- 10:00 Comparative study of a PCR-based TaqMan detection system and conventional culture, biochemical, and immunological procedures for detecting *E. coli* O157:H7 in cattle feces —R.D. Oberst, M.P. Hays, L.K. Bohra, R.K. Phebus, R. Green and J.M. Sargeant
- 10:15 A Taqman assay for rapidly detecting virulent *Yersinia enterocolitica* in meats —R.D. Oberst, A. Vishnubhatla, D.Y.C. Fung and T.G. Nagaraja
- 10:30 Further evaluation of ESP Culture System II for detection of *Mycobacterium avium subsp. paratuberculosis* in bovine fecal samples —S.J. Shin, S.G. Kim, L.J. Miller, R.P. Harpending, J.L. Cornell, V.H. Patten, S.M. Stehman, C.A. Rossiter, P.L. McDonough and D.H. Lein
- 10:45 Comparison of ESP Culture System II, Cornell fecal culture protocol on HEY and pooled fecal culture for detecting Johne's disease in a herd of farmed Red Deer — S.M. Stehman, S. G. Kim, S. J. Shin, L. J. Miller, R. P. Harpending, V. H. Patten, P.L. McDonough, and D. H. Lein
- 11:00 Cloning and characterization of a gene of *Ehrlichia canis* that encodes a protein localized to the morula membrane —C.H. Teng and Y.F. Chang

## Bacteriology Scientific Session 2, Saturday 1:00-3:00 pm Aztec Room

Moderators: Drs. Melissa Mibal and

- 1:00 Antimicrobial susceptibility of *Clostridium difficile* isolated from neonatal pigs with enteritis — K.W. Post and J.G. Songer
- 1:15 Evaluation of the *Clostridium difficile* TOX A/B test for the diagnosis of neonatal swine enteritis— K.W. Post, B.H. Jost and J.G. Songer
- 1:30 Analysis of the 5.8S rRNA gene and internal transcribed spacer regions of Trichomonadid protozoa recovered from cattle —D.C. Hayes, R.L. Walker, S.J. Sawyer, R.H. BonDurant and K.A. Van Hoesear
- 1:45 Cloning and molecular characterization of an immunogenic 90 kDa inner membrane protein of *Leptospira interrogans* —R.U.M. Palaniappan, Y. Chang, S.S.D. Jusuf, S. Artiushin, J.F. Timoney, S.P. McDonough, S.C. Barr, T.J. Divers, P.L. McDonough and S. Shin
- 2:00 Leptospirosis in a Mexican grey wolf (*Canis lupus baileyi*) and survey for *Leptospira* infection in captive carnivores, local wildlife and feral domestic animals at African Safari, Pueblo, Mexico —C. Juan-Salles, A. Paras, L. Garcia-Feria, M.M. Garner, J.A. Ramos-Vara, M.A. Luna, O. Martinez and A. Hernandez
- 2:15 Emergence and expansion of a chloramphenicol/florfenicol susceptible variant of multiply antibiotic resistant *Salmonella typhimurium* DT104 —T.E. Besser, D. Rice, Y. Zhang, M. Goldoft and D. Hancock
- 2:30 Real-time PCR for rapid detection of *Salmonella* serovars in bovine and equine feces —P. Kurowski\*, P. Morley, J. Traub-Dargatz and C. Gentry-Weeks
- 2:45 Detecting *Salmonella* in elephant feces with a PCR-based fluorogenic-5'-nuclease sequence detection assay — R.D. Oberst, S.Thoman, M.P. Hays, L. Cox and R. Isaza

\*Graduate student presentation



## TSE Scientific Session, Sunday 8:00-9:30am Nigerian Room

### Moderators:

- 8:00 A novel and quick technique for removal of brain stem for TSE testing in sheep, cattle, deer, and elk —T.R. Spraker and M. L. McDonnell
- 8:15-8:45 Validation of an immunohistochemistry assay for the detection of PrP<sup>sc</sup> in bovine spongiform encephalopathy: an international collaboration —L. Manning, Y. Robinson, S. Czub, P. Wright, Y. Spencer, G. Wells, S. Marsh, K. O'Rourke, D. Knowles and S. Adams
- 8:45 Safety in the neurohistopathology laboratory with regard to transmissible degenerative encephalopathies —D. M. Taylor
- 9:00 Geographic BSE risk assessment (GBR) of the European commission (EC) — M. G. Doherr
- 9:15 Interpretation of BSE surveillance data - M. G. Doherr

**9:30-10:00 BREAK**

## Pathology Scientific Session 3, Sunday 8:00-9:30am Aztec Room

### Moderators:

- 8:00 Piscirickettsiosis: An emerging disease of fish —M. Muel and D. Miller
- 8:15 Mycobacteriosis in psittacines -H. L. Shivaprasad, A. S. Dhillon, P. Roy and I Eriks
- 8:30 Aortic rupture in male turkeys —H. L. Shivaprasad and G. Senties-Cue
- 8:45 Pulmonary besnoitiasis in captive Patagonian hares (*Dolichotis patagonum*, Family Cavidae) associated with fatal interstitial pneumonia —G. Rico-Hernandez, C. Juan-Salles and M.M. Garner
- 9:00 Wobbly Hedgehog Syndrome: possibly a progressive lower motor neuronopathy —D. Grasser, P. Dressen, T.R. Spraker and B.E. Powers
- 9:15 Islet hyperplasia, diabetes, obesity and disorders of lipid metabolism in marmosets and tamarins (Order Primates, Family Callitrichidae) —C. Juan-Salles, A. Marco, A. Resendes, J.A. Ramos-Vara, X. Valls, A. Montesinos and J. Verges

**9:30-10:00 am BREAK**

## Johne's Scientific Session, Sunday 8:00-9:30am, Monarch A/C

### Moderators:

- 8:00 *Mycobacterium paratuberculosis* infection probability calculation by likelihood ratio analysis based on testing done on over 3,000 bovine sera – M.T. Collins
- 8:15 A New More Sensitive ELISA Test (SERELISA<sup>R</sup>) for Johne's Disease in Cattle —R.H. Whitlock, S. McAdams, T. Fyock and K. Bestul
- 8:30 Binding of protein G to non-domestic hoofstock immunoglobulin and application in serodiagnosis of Johne's disease —**J.A. Kramsky\***, J.E.B. Manning and M.T. Collins
- 8:45 Comparison of the AGID, ELISA and skin test in the diagnosis of Johne's disease in sheep –S. Robbe, B. Thompsen, R.Evans and C.O. Thoen
- 9:00 Comparison of the MB/BacT and BACTEC systems for detection of *Mycobacterium avium sub sp. paratuberculosis*—M.T. Collins
- 9:15 In vitro susceptibility of Chlortetracycline vs. *Mycoplasma hyopneumoniae* —C.C. Wu and T. Wolff

**9:30- 10:00 am BREAK**

**\*Graduate student presentation**

**Plenary on Foreign (FMD) and Emerging Diseases  
Sunday, 10:00 am–Noon Nigerian**

Moderators: Drs. Terry McElwain and David Steffan

10:00 am	Introduction and Welcome
10:05-10:20	Kentucky foal mortality and reproductive problem — L. Harrison, et al
10:20-10:35	Potential impact of diagnostic delays on the magnitude of a Foot and Mouth Disease epidemic in the U.S. —M.C. Thurmond, T.W. Bates and T.E. Carpenter
10:35-10:50	A multi-agent PCR panel approach for diagnoses of indigenous viral diseases that mimic FMD —S. K. Hietala, P. McCready, T. McKenna, P. Mason, M. C. Thurmond, D. Imbro and A. Ardans
10:50-11:05	FMD: What role can state laboratories serve if a US outbreak occurs— D. Nelson
11:10-11:40	Foot-and-Mouth Disease UK 2001: A virus in sheep’s clothing — J. Brownlie
11:40-Noon	Rapid field-based tests for identification of foreign animal diseases - new opportunities for emergency disease management —D. L. Huxsoll

**Joint AAVLD and USAHA Plenary Session on  
Transmissible Spongiform Encephalopathies  
Monday, November 5, 8:30-11:30am, Nigerian Room**

Moderators: Pat Blanchard (AAVLD President-Elect) and Robert Frost (USAHA 1st Vice President)

8:30-9:30am	BSE: Epidemiology of the disease and validity of diagnostic tests used—M.G. Doherr
9:30-9:50am	Chronic Wasting Disease: interspecies transmission and its distribution in the US—B. Williams
<b>9:50-10:00am</b>	<b>BREAK</b>
10:00-10:30am	An integrated scrapie control program: active surveillance using live animal testing and risk reduction using genetic selection –K. O’Rourke, J. Duncan, J. Logan, W. Tuo, D. Knowles
10:30-11:00am	Physical and chemical inactivation of TSE agent in tissues and carcasses and new findings – D.Taylor
11:00-11:15am	National and regional BSE surveillance in the US. What we are doing and what more can we do? L. Detwiler
11:15-11:30am	Panel question and answer
<b>11:30am-12:30pm</b>	<b>AAVLD E. POPE and AAVLD Foundation sponsored Graduate Student Awards Followed immediately by AAVLD House of Delegates meeting</b>

## POSTERS

- 1 Detection of *Salmonella Enteritidis* and *Salmonella typhimurium* from poultry house environmental samples by polymerase chain reaction —H. Cai, D. Key, J. Hornby, J. Caccavella, L. Read and G. Maxie
- 2 Non-motile *Salmonella Enteritidis* as a helper phenotype for egg contamination — J Guard-Petter and C. Parker
- 3 Comparison of bacterial enrichment-broth culture, ELISA and PCR techniques for identifying shedding of *Salmonella* from asymptomatic swine —J. Sibley, J. McMurchy, B. Yue, F. Huong, J. Harding, J. Kingdon, M. Chirino-Trejo and G.D. Appleyard
- 4 A survey of antimicrobial susceptibility testing practices of veterinary diagnostic laboratories in the U. S. —**M.B. Brooks\***, P. S. Morley, D. A. Dargatz, D. R Hyatt and M. D. Salman
- 5 Tuberculin skin testing in white-tailed deer (*Odocoileus virginianus*) —M.V. Palmer, W.R. Waters and D.L. Whipple
- 6 Nitric oxide production as an indication of *Mycobacterium bovis* infection of white-tailed deer (*Odocoileus virginianus*) —W.R. Waters, M.V. Palmer, R.E. Sacco and D.L. Whipple
- 7 Validation of an immunoperoxidase monolayer assay as a serologic test for porcine proliferative enteropathy —**R.M.C. Guedes\***, C.J. Gebhart, J. Deen, N.L. Winkelman
- 8 A PCR-based retrospective study of the association of Bovine Viral Diarrhea Virus to bovine abortion in Missouri —**A. Stoker\***, S. Turnquist, E. Ostlund, S. Kleiboeker, J. Tyler, M. Boucher, G. Johnson, J. Kreeger, M. Miller, L. Pace, J. Ramos and J. Turk
- 9 Isolation of swine influenza virus serotype H3N2 in South Korea --**J. Y. Lee\***, D. Song, J. Oh, K. Yoon and B. Park
- 10 Immunohistochemical characterization of feline melanomas with antibodies to Melan A (MART-1) and S100 protein —J.A. Ramos-Vara, M. A. Miller, G. C. Johnson, S. Turnquist, J. M. Kreeger and G. Watson
- 11 Immunohistochemical characterizaion of canine intestinal neoplasms with monoclonal antibody Hepatocyte Paraffin-1 (Hep Par-1) —J.A. Ramos-Vara, G.C. Johnson and M.A. Miller
- 12 Metastatic pulmonary adenocarcinoma in a llama (*Lama glama*) —J.A. Ramos-Vara and M.A. Miller
- 13 Necrotizing intestinal lymphangitis and septicemia due to *Actinobacillus suis* in two foals with congenital hypothyroidism-dysmaturity syndrome —**C.V. Lohr\***, U. Polster, M. Hines, J.L. Oaks and J.P. Teifke
- 14 The use of a plasma D-dimer assay to differentiate thromboembolic disease and non-thromboembolic disease in the dog— C.B. Andreasen and O.L. Nelson
- 15 A retrospective study of lymphocytic adrenalitis in dogs —C. Girard, L. Chouinard and P. Helie

**\*Graduate Student Poster**

## **AAVLD Committee Chairs and Program committee Meeting**

Pat Blanchard, Program chair

Monday, November 5, 2001, 1:30-4:00 pm, Tower 1 Room

1. Evaluation of 2001 committee meetings, scientific sessions, facilities, time, abstract review process, etc.
2. Suggestions and changes for next years' meeting.
3. Suggestions for plenary session topics for 2002.
4. Highlights of each committee's activities for upcoming year.

## **AAVLD/USAHA Animal Disease Information Systems Committee**

Bruce Akey and Francois Elvinger, co-chairs

Sunday, November 4, 2001, 1:00-5:00 pm, Monarch A/C Rooms

- 1:00: Introduction  
-Report on 2000/2001 activities  
-USAHA Year 2000 Resolution # 11, Integration of Veterinary Services Surveillance Systems
- 1:25: The National Animal Health Reporting System - Update 2001 (Ann Seitzinger, Bruce Akey)
- 2:15: Safeguarding Review - Procedures (Mo Salman - Surveillance and Monitoring; Bruce Akey - Exclusion)
- 3:00: Animal Identification - Disease Reporting Interface (John Wiemers - National Animal Identification Coordinator)
- 3:30: Geographic Information Systems in Monitoring of Animal Populations and Reporting of Disease (Tom McGinn, NC Assistant State Veterinarian)
- 4:00: List B Diseases as barriers to flow of animal products - Speaker TBA

## **AAVLD/USAHA Aquaculture Committee**

Randy White and Scott LaPatra, co-chairs

Sunday, November 4, 2001, 1:00-5:00 pm, Monarch K Room

1. Discussion regarding *USDA VS Aquaculture Strategic Plan, April, 1999* and other national aquaculture issue - Dr. Otis Miller.
2. Discussion regarding reporting of fish diseases - Dr. Bruce Akey
3. Regional reports from membership:  
West: Drs. Tom Baldwin and Jerry Heidel  
East: Dr. Pamela Parnell  
South: Dr. Skip Jack  
Midwest (Great Lakes): Dr. R. White
4. Resolution proposal, entitled "*Development of a national aquatic animal health management plan.*" - Dr. Scott LaPatra
5. Update on American Fisheries Society, Fish Health Section and Discussion of collaborative approach by American Fisheries Society, Fish Health Section and the United States Fish and Wildlife Services for a procedural manual for aquatic animal pathogens. - Dr. Scott LaPatra
6. Update on Resolution entitled, "*Significance of Aquatic Animal Pathogens in Aquaculture Effluents*" - Dr. M. R. White
7. Approval and Acceptance of *VS Aquaculture Strategic Plan, April, 1999* by this committee in May, 2001. - Dr. M. R. White

## **Administrative Management Personnel Committee**

Linda Hendrickson (formerly Yankovich), chair

Saturday, November 3, 2001, 1:00-5:00 pm, Monarch B Room and

Sunday, November 4, 2001, 8:00am-12:00 noon, Cocoa 5 Room

1. Tour of Harrisburg lab
2. Video tour of California lab system
3. Handling reportable disease diagnoses
4. DOT packaging regulations
5. Scanning records
6. Any other issues brought up by committee members

### **Approved Methods Committee**

Francis Galey, chair

Thursday, November 1, 2001, 12:00 noon-3:30 pm, Tower 2 Room

1. Discuss how to meet charges of the committee, which are:
  - a. Develop general guidelines for approved methods (e.g. scope, purpose);
  - b. Develop prioritized list of methods to approve;
  - c. Mesh this activity with OIE's manual of Standards Format and style;
  - d. Develop processes for method approval and method maintenance.
2. Review draft document on Method Approval sent to committee members.
3. Outline input committee members will need to get from their respective committees.

### **Bacteriology Steering Committee**

Mitzi Libal and Lorraine Hoffman, co-chairs

Saturday, November 3, 2001, 8:00-10:00 pm, Monarch B Room

1. Welcome
2. Subcommittee Reports
  - A. Subcommittee on Bacteriology, Mycology, & Mycoplasmaology - Love and Maddox
  - B. Subcommittee on Anaerobic Infections – Songer
  - C. Subcommittee on Antimicrobial Susceptibility Testing - Tewari and Wu
3. Update on QA/QC for labs conducting Bacteriology, Mycology and Susceptibility Testing
4. Food safety testing in AAVLD accredited laboratories
5. Review of subcommittees and their respective goals and responsibilities
6. Laboratory issues relating to mycobacteria
7. Future workshops
8. Input to the AAVLD Approved Methods Committee
9. Appointment of chair(s) for 2002

### **Anaerobic Infections subcommittee**

Glenn Songer, chair

Friday, November 2, 2001, 10:00 am-Noon pm, Monarch A/C Rooms

1. Susceptibility testing of *Clostridium difficile* from pigs - Karen Post, Rollins ADDL, Raleigh, NC
2. Report on the ISU swine neonatal enteritis study - Mike Yaeger, Iowa State
3. Characterization of cases of the jejunal hemorrhage syndrome in cattle - Tom Besser, Washington State
4. Discussion of a potential workshop on susceptibility testing of anaerobes
5. Election of new chairperson

### **Antimicrobial Susceptibility Testing subcommittee**

Ching Ching Wu and Deepanker Tewari, co-chairs

Friday, November 2, 2001, 1:00-3:00 pm, Monarch A/C Rooms

1. Antimicrobial testing: Need for Standardization – Dr. Robert A. Walker
2. Antimicrobial surveillance in United States and Abroad - Dr D. White
3. Update on Surveillance program in Veterinary Diagnostic labs. - Drs. C.C. Wu/D. Tewari
4. General business/open forum

## **Bacteriology, Mycology, and Mycoplasma subcommittee**

Carol Maddox and Brenda Love, co-chairs

Friday, November 2, 2001, 8:00-10:00 am, Monarch A/C Rooms

1. Review QA survey (check test)
2. Scientific speaker: Anaerobic Antimicrobial Susceptibilities – Jenny Lorbach of Trek Diagnostics will address new methods for MIC testing of anaerobes and give an update on NCCLS progress toward standard methods for anaerobes and veterinary anaerobic antimicrobial testing.
3. ASM Division Z update
4. Old business: Species and production type selective antibiotic reporting - report of the subcommittees discussions following last year's workshop.
5. New business: Open discussion:
  - a) Breakpoint versus MIC reporting
  - b) workshop for next year - suggested: comparative automated ID system demonstration

## **Enteric Diseases Committee**

Gerald Duhamel, Chair

Friday, November 2, 2001, 3:00-5:00 pm, Monarch A/C Rooms

- 3:00–3:15: Introduction of agenda and speakers - Dr. Gerald E. Duhamel, Chair
- 3:15–3:45: Update on porcine *Escherichia coli* - Dr. David Francis, Dept. Veterinary Science, South Dakota State University
- 3:45–3:55: Diagnostic Applications of Bovine Coronavirus-specific BC6-4 Monoclonal Antibody - Dr. Chris Chase, Dept. Veterinary Science, South Dakota State University
- 3:55–4:00: BREAK
- 4:00–4:15: Application of BC6-4 Monoclonal Antibody to Immunohistochemical Detection of Bovine Coronavirus in Formalin-fixed, Paraffin-embedded Tissues - Dr. Gerald E. Duhamel, Dept. Vet. & Biomedical Sciences, University of Nebraska
- 4:15–4:30: Gastroenteric Disease Center at Pennsylvania State University - Dr. Chobi Debroy, Wiley Laboratory, Penn. State U.
- 4:30–4:45: Canine colonic spirochetosis - Dr. Gerald E. Duhamel, Dept. Vet. & Biomedical Sciences, University of Nebraska
- 4:45–5:00: Other topics, review of committee membership, election of new Chair and proposals for next year's agenda potential topics and speakers

## **Epidemiology Committee**

Mark Thurmond and Francois Elvinger, co-chairs

Friday, November 2, 2001, 10:00 am-Noon pm, Cocoa 3 Room

- 10:00 Introduction (M Thurmond)
- 10:05 Report on 2000 / 2001 activities (F Elvinger)
- 10:15 Epidemiology input in 2001 AAVLD meeting (M Thurmond/F Elvinger)
- 10:30 Validation of diagnostic tests and procedures (S Hietala)
- 10:45 Sources of information on characteristics of tests (F Elvinger)
- 11:00 Discussion and planning of 2002 workshop on validation
- 11:25 Values and uses of diagnostic laboratory data, caveats, potential enhancement of such data bases (J Case)
- 11:40 Value of a joint USAHA/AAVLD Epidemiology committee
- 11:50 Other business and conclusion
- 12:00 Adjourn

## **Food Safety Committee (inaugural meeting)**

Richard Oberst, Chair

Thursday, November 1, 2001, 6:30-8:30 pm, Tower 1 Room

1. Formulate a Mission Statement
2. Formulate a 1-year plan for submission to the Executive Board.
3. Input to AAVLD Approved Methods committee

## **Foundation Committee**

Gavin Meerdink and Leon Thacker, co-chairs

Friday, November 2, 2001, 8:00-9:00 pm, Tower 1 Room

1. Selection of New Committee Chair
2. Committee makeup
3. Financial status
4. Brochure: Dr. Barbara Powers
5. Donations and entitlements: review of designations and amounts
6. Review of progress for selection and criteria for the best JVDI paper.
7. Other agenda items

## **Government Relations Committee**

Bruce Akey, chair

Saturday, November 3, 2001, 3:30-5:30 pm, Monarch O Room

1. Discussion with ARS representative concerning technology transfer policies between ARS and state/university labs.
2. Other business – to be announced.

## **Informatics Committee**

Jim Case, chair

Friday, November 2, 2001, 1:00-5:00 pm, Cocoa 2 Room

1. LOINC/Health information standards workshop

## **Laboratory Directors Committee**

Alex Ardans and Gary Osweiler, co-chairs

Saturday, November 3, 2001, 5:30-7:30 pm, Monarch F/H Rooms

1. Accreditation Review - Leon Thacker
  - a. Input received from UK regarding their ISO17025 Accreditation - Pat Blanchard
2. Tissue Digestor WR<sup>2</sup> - Barb Powers
3. Politics of FMD - John Brownlie, Royal Veterinary College
4. NVSL - Bev Schmitt
5. Other business

## **Laboratory Safety and Waste Disposal Committees**

Larry Thompson, chair

Sunday, November 4, 2001, 1:00-5:00 pm, Cocoa 5 Room

Agenda to be announced

## **Long Range Planning Committee**

Willie Reed, chair

Thursday, November 1, 2001, 3:30-5:30 pm, Tower 2 Room

1. Should we review and revise the procedures for nominating officers?
2. What role should AAVLD play in recruiting young professionals into diagnostic medicine?
3. Should AAVLD pursue status as an Allied organization of AVMA?
4. Continued development of AAVLD Foundation policies and programs.
5. Should AAVLD play a role in development of more definitive guidelines for other organizations (AVMA, USAHA, NIAA, AAAP, AASP, etc) that have major concern for laboratory diagnosis of animal diseases?
6. Consolidation of membership and membership service activities.
7. Update on the AAVLD strategic plan

## **Membership Committee**

Terry McElwain and Richard Mock, co-chairs

Saturday, November 3, 2001, 5:00-6:00 pm, Tower Board Room

1. Review of current membership statistics
2. Letter to new members
3. Enhancing involvement of new members in AAVLD committees
4. Addressing the growing deficiency of trained professionals in veterinary diagnostic medicine
5. Corporate sponsorship of graduate students

## **Pathology Committee**

Paige Carmicheal, chair

Sunday, November 4, 2001, 12:00 noon-1:00pm, Aztec Room

1. C.L. Davis conference feedback and suggestions for next year
2. Histopathology Slide conference
  - A. Report from coordinators
  - B. Publishing of conference on the web
  - C. Selection of new co-chair
3. Student Travel Scholarship
4. Clinical Pathology QA/QC guidelines for accreditation committee.
5. Input to AAVLD approved methods committee

## **Publications Committee**

David Steffan, chair

Friday, November 2, 2001, 8:00-10:00am, Tower 3 Room

1. Report on JVDI activities - Dr. John Kreeger
2. Newsletter and nonreferred print publications - Dr. Pat Blanchard
3. Website changes, security and policy - Dr. Gary Osweiler
4. Referred web publications, monographs, meeting announcement's and review articles  
Dr. Dave Steffen
5. Other items invited from publication committee members or membership at large.

## **Serology Committee**

Peter Wright, chair

Friday, November 2, 2001, 3:00-6:00 pm, Monarch B/D/F Rooms

1. 2000 Meeting Minutes and 2001 Agenda
2. Technical Review of Commercial Test Kits
3. National Veterinary Services Laboratory Updates
4. Commercial Reagent/Product Updates
5. Serology Sub-committee Reports
  - Unusual Tests
  - Minimum Standards
6. AAVLD Approved Methods Committee
  - Serology Committee Involvement
7. Test Method Profiles
  - Essential Information



## Veterinary Analytical Toxicology, Mycotoxins and USAHA Environmental Residues committees

George Rottinghaus, chair

Saturday, November 3, 2001, 3:30-6:30 pm, Cocoa 2/3 Rooms

1. Dr. Catherine Barr (Texas A & M University): summary of the outcome of the November 1<sup>st</sup> Toxicology Method Harmonization Workshop.
2. Dr. Lenn Harrison (Director of the Livestock Disease Diagnostic Center, University of Kentucky): experiences with the Kentucky 2001 horse abortion and foal death.
3. Dr. Randall Lovell (FDA): update on the FDA fumonisin guidance document.
4. Input to AAVLD Approved Methods committee

## Virology Committee

Fernando Osorio and David Benfield, co-chairs

Friday, November 2, 2001, 12:00 noon-3:00 pm, Monarch I/K/M Rooms

1. New generation of field molecular tests (real time PCR) to support preparedness for foreign animal disease outbreaks  
The FMDV and CSFV examples  
Fred Brown PIADC/USDA/ARS  
Daniel Rock PIADC/USDA/ARS  
Bill Nelson Tetracore Inc.
2. Activities of DVL/Foreign Animal Disease Diagnostic Lab/National Veterinary Services Lab - Beverly Schmitt, Diagnostic Virology Laboratory/NVSL/USDA/APHIS
3. Antemortem diagnosis of TSEs - Katherine O'Rourke, USDA/ARS, Pullman, WA
4. Companion Animal Virology: Where to go when NVSL cannot help us - Jim Evermann, Washington State University ADDL
5. Single reactors to PRRSV IDDEX ELISA, alternative interpretations for a big dilemma - Monserrat Torremorell, PIC USA
6. Activities of the Committee for the upcoming year - Co-chairs and members of the committee
  - a. Virology QA/QC guidelines for AAVLD Accreditation committee
  - b. Input to AAVLD Approved Methods committee

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## Executive Board Authorizes a New AAVLD Food Safety Committee.

At the direction of the American Association of Veterinary Laboratory Diagnosticians (AAVLD) Executive Board, a Food Safety Committee has been formed and will convene its first formal committee meeting on November 1, 2001 in association with the AAVLD annual meeting in Hershey, Pennsylvania. The creation of this committee is related to the AAVLD strategic objective of making AAVLD and veterinary diagnostic laboratories a more visible entity in the food safety testing arena.

**-Proposed Purpose of the Food Safety Committee** is to encourage exchange of information related to pre- and post-harvest food safety issues, identify people and laboratories interested in pre- and post-harvest food safety testing, serve to validate testing processes, reagents/kits, and new technologies that might be used in food safety monitoring/testing applications, foster inter-laboratory cooperation as it relates to pre- and post-harvest food safety diagnostics, address Quality Assurance/Quality Control (QA/QC) issues unique to pre- and post-harvest food safety issues, and provide a forum for the scientific exchange of food safety-related diagnostic issues at the AAVLD national meetings.

**-Agenda of the Food Safety Committee** meeting on Thursday, November 1<sup>st</sup> from 6:30-8:30 pm in Tower room 1 at Hershey Lodge is to formulate a Mission Statement and a 1-year plan of action for the committee.

Dr. Richard Oberst, Kansas State University has been appointed as Chairperson of the Food Safety Committee. Current members at this writing include Drs. Doreene Hyatt (Colorado State University), Lloyd Sneed (Texas A&M), and Hailu Kinde (UC Davis) and the recruitment of additional members is ongoing. AAVLD members who have an interest in participating in this committee should contact Dr. Oberst at:

Richard D. Oberst, DVM, PhD

Food Animal Health & Management Center, Department of Diagnostic Medicine/Pathobiology

College of Veterinary Medicine, Kansas State University

Mosier Hall, 1800 Denison Avenue

Manhattan, Kansas 66506-5660

Tel: 785.532.4411 Fax: 785.532.4288 email: [oberst@vet.ksu.edu](mailto:oberst@vet.ksu.edu)

## AAVLD House of Delegates Membership 2001-2002

STATE	DELEGATE	ALTERNATE
Alabama	Fred Hoerr	Sarah Rowe
Alaska	Kathy Burek	John Blake
Arizona	Robert Glock	Carlos Reggiardo
Arkansas	Paul Norris	Larry Lomax
California	Sharon Hietala	John Adaska
Colorado	Barbara Powers	Dorreene Hyatt
Connecticut	Herb Van Kruiningen	Sandy Bushmich
Delaware	H. W. Towers	Hyrarn Lasher
Florida	Thomas Keefe	Harvey Fisch
Georgia	Charles Baldwin	Doris Miller
Hawaii	Thomas Sawa	Open
Idaho	Kendal Eyre	Jim England
Illinois	John Andrews	Douglas Hoefling
Indiana	Leon Thacker	Steve Hooser
Iowa	Gary Osweiler	Bruce Janke
Kansas	George Kennedy	Jerome Nietfeld
Kentucky	Lenn Harrison	M. Douglas Cox
Louisiana	Tony Johnson	Rudy Bauer
Maine	Sandy Rodgers	John Taxter
Maryland	Jimmy C. M. Huang	James P. Davidson
Massachusetts	Steve Rowell	Terri Wheeler
Michigan	Willie Reed	Thomas P. Mullaney
Minnesota	Jim E. Collins	Rod Frank
Mississippi	Skip Jack	Dan Magee
Missouri	Margaret (Peg) Miller	Open
Montana	Bill Layton	Larry Stackhouse
Nebraska	Dave Steffen	Douglas Rogers
Nevada	Alan G. Bosomworth	Cindy Farman
New Hampshire	Joseph Moore	Open
New Jersey	Robert Eisner	Open
New Mexico	Gregory P. Jillson	Richard G. LaRock
New York	Donald H. Lein	Sang J. Shin
North Carolina	JoAnna Quinn	Gene Erickson
North Dakota	Neil Dyer	Mary Moen
Ohio	Bev Byrum	R. D. Glauer
Oklahoma	W. C. Edwards	Gayman Helman
Oregon	Jerry Heidel	Stanley Snyder
Pennsylvania	Helen Acland	Robert H. Poppenga
South Carolina	Pamela Parnell	Bill Brewer
South Dakota	David Zeman	Larry Holler
Tennessee	Ron Wilson	Tom Chang
Texas	Robert Sprowls	Konrad Eugster
Utah	E. Jane Kelly	Ross Smart
Vermont	Open	Open
Virginia	Bruce L. Akey	Jack Tate

Washington	James Evermann	Jay Weidener
West Virginia	Lynn Post	Randall Lovell
Wisconsin	Scott O. Jones	Mark Carlson
Wyoming	Frank Galey	Ken Mills
Alberta	Bill Yates	Open
British Columbia	Ron Lewis	Theyne Fairfax
Manitoba	Peter Wright	Open
New Brunswick	James Goltz	Open
Newfoundland	Hugh Whitney	Open
Nova Scotia	Lyn Ferns	Open
Ontario	Grant Maxie	Open
Prince Edward Is	Paul Hanna	Carmencita Yason
Quebec	Doris Sylvestre	Open
Saskatchewan	Andrew Allen	James Orr
Mexico	Open	Open
Puerto Rico	Open	Open
NVSL	Bev Schmitt	Art Davis
USAHA	J. Lee Alley	Open

## Future Meetings

September 24- 27, 2001: **International conference - Saint Malo, France ssDNA Viruses of Plants, Birds, Pigs and Primates. Comparative Virology Nano - Gemini - Parvoviruses and TT virus** Evolution, Genome, Replication , Movement September 24th and 25th, 2001. **Porcine Post-Weaning Multisystemic Wasting Syndrome** Pathology, Virology, Immunology, Epidemiology September 26th and 27th, 2001. More information at: <http://www.zoopole.com/ispaia/esvv2001.cfm>

October 5-6, 2001. **C.L. Davis Foundation for the International Advancement of Veterinary and Comparative Pathology**, 11th Annual South Central Division meeting, UTMB, Galveston, TX. Dr. David Walker will speak on “Ehrlichia of Veterinary and Human Importance,” and short case reports will be presented by the attendees. A group dinner will be Friday evening. Contact Dr. John Edwards, 979-845-4654; jedwards@cvm.tamu.edu

December 1-5, 2001 **American College of Veterinary Pathologists and American Society of Veterinary Clinical Pathologists** Annual Meeting to be held at the Grand America Hotel in Salt Lake City. For more information: <http://www.afip.org/acvp/index.html>. If you have any questions, please contact us at the National Office: Jane Shepard (jshepard@tmahq.com or 608-833-8725, ext. 137) or Stacey Phelps (sphelps@tmahq.com ext. 145)

April 14-17, 2002: **The 5th International Symposium on Avian Influenza** will be held in Athens, Georgia on at the University of Georgia Center for Continuing Education. Information on conference registration and Call-for-Papers will be mailed in the second announcement in September, 2001. More information can be obtained at: <http://seprl.ars.usda.gov/AI%20Symposium/avian.influenza.symposium.htm>

October 8 – 12, 2001: **Society of Quality Assurance annual meeting**. Town and Country Resort and Convention Center San Diego, CA See SQA web site for full info: [www.sqa.org](http://www.sqa.org) featuring highlights of interest to diagnostic laboratories: A. Preconference Training (Oct 8-9): includes: MONDAY: Basic Training - Good Laboratory Practices (GLP) - all day session. QA Basics for Computer Validation - all day session . TUESDAY: QA Techniques in Auditing Data and Records. Advanced Concepts in Computer Validation B) Annual Meeting Sessions: US and International Regulatory Updates. Computer Initiatives. Animal Rights, Welfare and Regulations. Part 11: Back to Basics (electronic records/electronic signatures, etc.) Training for Study Directors. Bringing Non-GLP Laboratories into Compliance. Scientific Misconduct. Implementation of Quality Assurance Procedures for Veterinary Clinical Trials.

## Exhibits and Posters Scheduled in Hershey...

Exhibits and the AAVLD Poster Session will be open on Saturday (12:00 noon - 5:00 p.m.), Sunday (8:00 a.m.-5:30 p.m.) and Monday (8:00 a.m. – 1:00 p.m.), November 3-5, in the Blue Room of the Great American Hall at the Hershey Lodge & Convention Center, Hershey, Pennsylvania.

Please take time to join our exhibitors and benefit from the information available on new products, techniques and procedures.

Following is a list of those planning to participate as of August 22. A complete “Exhibit Directory” will be distributed at the meeting.

### **Automated Technologies Inc.**

208 W. College Ave. #297, State College, PA 16801 (Phone: 814-237-3001)

### **BD Diagnostic Systems**

7 Loveton Circle, Sparks, MD 21152 (Phone: 410-316-4100)

### **Biocor Animal Health**

2720 N. 84th St., Omaha, NE 68134 (Phone: 402-393-7440)

### **Centaur, Inc.**

P. O. Box 25667, Overland Park, KS 66225-5667 (Phone: 913-390-6184)

Centaur sells products converted from human healthcare to equine applications. Examples include our 45-minute equine infectious anemia test, our 10-minute influenza test, a test for IgG in foals, and tests for six different blood reagents. Centaur’s newest products include three different strengths of iodine formulations, two formulations of isopropyl alcohol, three different topical sprays, bulk liquids to treat metabolic disorders, serve as laxatives, preserve tissues and to serve as delivery vehicles for custom-compounded medicinals. Centaur also has creams to treat inflamed, abraded tissue and solutions and stains to help identify parasites.

### **Cepheid**

1190 Borregas Ave., Sunnyvale, CA 94089 (Phone: 408-541-4191)

Cepheid creates versatile, miniaturized instruments that rapidly perform all steps required to analyze genetic material from complex biological samples — sample preparation, amplification, and detection. Integrating proprietary microfluidic and microelectronic technologies, Cepheid’s products perform DNA and RNA analysis for clinical diagnostics, life science research, industrial testing and pharmacogenomics. Cepheid’s Smart Cycler<sup>®</sup> systems are highly versatile and efficient thermal cyclers. The core of the Smart Cycler system is the I-CORE<sup>®</sup> module. Each Smart Cycler processing block contains sixteen independently programmable I-CORE modules, each performing true four-color, real-time fluorometric detection. Typical PCR results are determined in 20 to 30 minutes rather than in many hours, and up to 6 processing blocks can be joined in a single system.

### **Harcourt Health Sciences**

1 Sharon Ln., Wernersville, PA 19565 (Phone: 610-927-0286)

The world’s leader in publication of veterinary books and journals.

### **IDEXX Laboratories, Inc.**

One Idexx Dr., Westbrook, ME 04092 (Phone: 207-856-8045)

The Production Animal Services (PAS) Division of IDEXX Laboratories, Inc. develops, manufactures and sells over 50 different ELISA, DNA Probe<sup>®</sup>, CITE<sup>®</sup>, and PCFIA-based detection systems for animal health and quality assurance applications. Laboratories around the world use PAS products for the detection and control of diseases affecting poultry and livestock, and our xChek<sup>®</sup> data management software simplifies and organizes test results. For more information, please contact us at (800) 548-9997 or (207) 856-0300.

### **Immuno-Mycologies, Inc.**

P. O. Box 1151, Norman, OK 73070 (Phone: 405-288-2383)

Since 1979, Immuno-Mycologies, Inc. (IMMY) has become “The Fungal Diagnostic Specialist” providing superior quality and reliable service.

IMMY's products utilize conventional serological methods (Immunodiffusion, Latex Agglutination and Complement Fixation) for the antibody and/or antigen detection of Aspergillus, Blastomyces, Coccidioides, Cryptococcus, and Histoplasma.

**National Institute for Animal Agriculture (NIAA)**

1910 Lyda Ave., Bowling Green, KY 42104 (Phone: 270-782-9798)

The National Institute for Animal Agriculture (NIAA) began operations in January 2000. Formerly the Livestock Conservation Institute (LCI), NIAA serves as a forum for building consensus and advancing solutions for animal agriculture and provides continuing education and communication linkages to animal agriculture professionals. Animal health and related issues serve as one of NIAA's primary focus areas.

**Radiometer America Inc.**

810 Sharon Dr., Westlake, OH 44145 (Phone: 314-821-7503)

RADIOMETER offers a broad range of blood gas analyzers and accessories that ensure high analytical quality and outstanding reliability while reducing total cost. Our product line consists of benchtop and portable analyzers that measure pH, blood gases, and a combination of electrolytes, metabolites and oximetry parameters.

**Synbiotics Corporation**

4444 N. Belleview #210, Kansas City, MO 64116 (Phone: 800-247-1725)

**Texas Veterinary Medical Diagnostic Laboratory**

1 Sippel Rd., College Station, TX 77843 (Phone: 979-845-3414)

VisuaLab is a fully graphical, user-definable veterinary laboratory information system that runs on inexpensive hardware. VisuaLab can manage small to very large, multi-site laboratories. Come by for a demo and register for a free gift!

**Trek Diagnostic Systems, Inc.**

25760 First St., Westlake, OH 44145 (Phone: 440-808-0000)

Blood culture I.D., susceptibility and urine culture screening.

**Vetstar**

79 N. Franklin Turnpike, Suite 103, Ramsey, NJ 07446 (Phone: 201-934-7127)

VETSTAR Animal Disease Diagnostic System (VADDS) is a Windows based comprehensive laboratory information system for animal diagnostic labs. Unlike other LIMS systems, VADDS is FULLY DEVELOPED, currently runs many labs, and provides solutions TODAY...as well as in the FUTURE. VADDS currently is the only system that provides customized case reporting where users design their own case reports and inquiries. VADDS includes auto results faxing or e-mail, interfaces to work processors or instruments, case coordinator processing, image capture, client access via the WEB, customized worksheets, complete financial accounting, and support for multiple lab site processing. VADDS supports the diagnostic coding systems offered by SNOMED, the University of Guelph or your own database. A complete audit trail is maintained of all transactions, and extensive statistical reporting is supported, as well as retrospective searches of lab results. VADDS is fully integrated with the VETSTAR accounting modules. These include General Ledger, Accounts Payable, Inventory and Purchase Order. VADDS runs on most popular computers using NT and Unix. An ORACLE version is available.

**Viral Antigens, Inc.**

5171 Wilfong Rd., Memphis, TN 38134 (Phone: 901-382-8716)

Viral Antigens, Inc., manufactures manual and semi-automated test kits for detection of Pseudorabies Virus Antibodies in Swine Serum. These tests are licensed and designated as official tests by the USDA. Both test formats offer high sensitivity and specificity. The semi-automated Autolex<sup>®</sup> PRV assay offers convenience and cost savings for high volume laboratories. Our management and technical staff will be available to discuss your specific requirements for Pseudorabies Antibody detection.

**VMRD, Inc.**

4641 Pullman - Albion Rd., Pullman, WA 99163 (Phone: 509-334-5815)

VMRD, Inc. produces and markets essential state-of-the-art tools for animal disease research and diagnostic laboratories: test kits for infectious diseases and immunology, kit components, and research reagents including antigens, monoclonal antibodies, and polyclonal antibodies.

# Addendums To Directory

**Annett, Colleen, DVM**

Western College of Veterinary Medicine  
52 Campus Drive  
Saskatoon, Sask S7N 5B4 CANADA  
Ph: 306-966-7301 Fax: 306-966-7439  
Email: cos343@mail.usask.ca  
Interest: Path

**Archer, Erica**

IDEXX  
One Idexx Drive  
Westbrook, ME 04092 USA  
Ph: 207-856-8045 Fax: 207-856-8399  
Email: erica-archer@idexx.com

**Belschner, Austin, DVM, MS**

Pharmacia and Upjohn Co.  
9514-190-16  
7000 Portage Rd.  
Kalamazoo, MI 49001 USA  
Ph: 616-833-2666 Fax: 616-833-2899  
Email: austin.p.belschner@am.pnu.com  
Interest: Bacti, Immuno, Dairy Animal Health

**Bischoff, Karyn, DVM, MS**

Dept. of Pathobiology  
College of Veterinary Medicine  
University of FL, PO Box 110880  
Gainesville, FL 32611-8880 USA  
Ph: 352-392-4700 Fax:  
Email: toffana99@yahoo.com  
Interest: Tox, Path, Wildlife

**Brooks, HW, BVSc, PhD**

Royal Veterinary College  
Hawkhead Lane, N. Mymms  
Hatfield, Herts AL97TA UK  
Ph: 01707-666333x2385 Fax:  
01707661464  
Email: hbrooks@rvc.ac.uk  
Interest: Path

**Brownie, Cecil F., DVM, PhD**

NCSU  
4700 Hillsborough Street  
Raleigh, NC 27607 USA  
Ph: 919-513-6229 Fax: 919-513-6465  
Email: cecil\_brownie@ncsu.edu  
Interest: Toxicology

**Bunte, Ralph M., DVM**

LAHS, The Jackson Laboratory  
600 Main Street  
Barharbur, ME 04609 USA  
Ph: 207-288-6240 Fax: 207-288-6274  
Email: rbunte@jax.org  
Interest: Pathology

**Bushmich, Sandra Lee, MS, DVM**

University of Connecticut  
Department of Pathobiology  
61 N Eagleville Rd, U-89  
Storrs, CT 06269 USA  
Ph: 860-486-0846 Fax: 860-486-2794  
Email: bushmich@uconnvm.uconn.edu  
Interest: Bacteriology/Mycology

**Carlisle, Sharon P., Biology BA**

382 W. Street Rd.  
Kennett Square, PA 19348 USA  
Ph: 610-444-5800 x2157 Fax: 610-925-8116  
Email: CARLISLE@VET.UPENN.EDU  
Interest: Bacteriology

**Carmichael, K. Paige, DVM, PhD**

University of GA  
Dept. of Pathology  
College of Vet Medicine  
Athens, GA 30602 USA  
Ph: 706-542-5834 Fax: 706-542-5828  
Email: kpc@vet.uga.edu  
Interest: Pathology

**Cornaglia, Estela, PhD**

Biovet  
2900 Ave Vanier  
St. Hyacinthe, Quebec J25 6M2  
CANADA  
Ph: 450-771-7291 Fax: 450-771-2996  
Email: e.cornag@biovet-inc.com  
Interest: Bacteriology/Mycology Virology

**Earley, Bernadette, PhD**

Teagasc  
Grange Research Centre  
Dunsany, Co. Meath, IRL IRELAND  
Ph: 353-46-25214 Fax: 353-46-26154  
Email: bearley@grange.teagasc.ie  
Interest: Epid, Viro, Immuno, Tox, Bacti, Path

**Eleraky, Nasser, BVSc, MVSc**

Univ of TN, College of Vet Med  
Dept. of Comp. Med.  
2407 River Drive, Room A205  
Knoxville, TN 37996 USA  
Ph: 865-974-5643 Fax: 865-974-5640  
Email: nelerak1@utk.edu  
Interest: Virology

**Forsythe, LeeAnn**

4840 Wascana Parkway  
Regina, Saskatchewan S4S 0B1 CANADA  
Ph: 306-787-6069 Fax: 306-787-6439  
Email: lforsythe@agr.gov.sk.ca  
Interest: Path, Bacti/Mycology, Viro, Immuno

**Fredrickson, Richard L., DVM, MS**

502 Arabian Circle  
Mahomet, IL 61853 USA  
Ph: 217-244-8162 Fax: 217-586-7881  
Email: rfredrickson@cvm.ucic.edu  
Interest: Production Medicine/Equine Path

**Gagea-Iurascu, Mihai, DVM**

120 Edinburgh Rd. S, Apt. 508  
Guelph, Ontario N1H5P7 CANADA  
Ph: 519-836-4682 Fax:  
Email: mgagea@uoguelph.ca  
Interest: Pathology

**Garcia-Carrillo, C., DVM, MPVM**

Huerta de Hierro.4  
14012 Cordoba, SPAIN  
Ph: 34-957-279926 Fax:  
Email: casimiga@santandersupernet.com  
Interest: Bacteriology/Mycology

**Garrison, Robert D., DVM, MS**

Wisconsin State Lab of Hygiene  
465 Henry Mall  
Madison, WI 53706 USA  
Ph: 608-202-4298 Fax: 608-262-3257  
Email: garrisrd@mail.slh.wisc.edu  
Interest: Parasitology, Zoonotic Infections

**Gramer, Marie, DVM**

Veterinary Diagnostic Lab  
College of Veterinary Medicine  
1333 Gortner Avenue  
St. Paul, MN 55108 USA  
Ph: 612-625-8787 Fax: 612-624-8707  
Email: grame003@tc.umn.edu

**Griffith, James W., DVM**

Penn State University,  
HERSHEY MEDICAL CENTER  
Department of Comparative Medicine  
500 University Drive  
Hershey, PA 17033 USA  
Ph: 717-531-8460 Fax: 717-531-5001  
Email: jwg9@psu.edu  
Interest: Lab and Zoo Animal Pathology

**Guedes, Roberto M.C.**

1971 Commonwealth Ave. Room 205  
Saint Paul, MN 55108 USA  
Ph: 612-625-8110 Fax: 612-625-5203  
Email: gued0001@tc.umn.edu  
Interest: Pathology

**Gustafson, Cheryl, DVM**

4822 Mandavilla Wy  
Apex, NC 27502 USA  
Ph: 919-941-5186 Fax: 919-362-4118  
Email: cgustafson@embrex.com  
Interest: Pathology, Biologics

# Addendums To Directory Cont.

**Hacker, Melanie Susan, AA in Science**

3261 Villa Way Cr.  
St. Cloud, FL 34772 USA  
Ph: 407-957-3306 Fax: 407-946-5204  
Email: davisms@doacs.state.fl.us  
Interest: Microbiology

**Hariharan, H., BS, DVM, MS, PhD**

Atlantic Veterinary College  
Univ of PEI, 550 University Ave  
Charlottetown, PEI C1A 4P3 CANADA  
Ph: 902-566-0934 Fax: 902-566-0851  
Email: hhariharan@upei.ca  
Interest: Bacteriology/Mycology

**Harrington, Richard, MS**

800 Snedden Dr.  
PO Box 309  
Boone, IA 50036 USA  
Ph: 515-432-7799 Fax: 515-432-7790  
Email: rharrington@midlandbio.com  
Interest: Immunology/Lg. Animal

**Hatkin, Josh, DVM, MS, PhD**

400 Burson Rd.  
Camilla, GA 31730 USA  
Ph: 229-336-0001 Fax: 229-336-0018  
Email: jhatkin@earthlink.net  
Interest: Pathology, Immunology, Molecular Biology

**Hiraragi, Hajime, DVM, BVSc**

339 Goss Laboratory  
1925 Coffey Rd.  
Columbus, OH 43210 USA  
Ph: 614-292-5661 Fax: 614-292-6473  
Email: hiraragi.1@osu.edu

**Hotham, Stacie, BS, MSc**

332 Ricehill Road  
Franklin, VT 05457 USA  
Ph: 802-285-6160 Fax: 802-285-6161  
Email: shotham@dclchem.com  
Interest: Bacti, QA, Immuno, Tox

**Hsiao, Shih-Hsuan, BVM, MVM**

2055 S. Orchard St  
Apt D  
Urbana, IL 61801 USA  
Ph: 217-344-4610 Fax:  
Email: shsiao1@uiuc.edu  
Interest: Path

**Imran, Mohammed, MSc**

2 Springfield  
Irvine, CA 92604 USA  
Ph: 949-752-5612 x227 Fax: 949-930-3684  
Email: mohdimaran@msn.com  
Interest: Lab Diagnostics

**Janabe, Mike, DVM**

1984 A Ellis Hollow Rd  
Ithaca, NY 14850 USA  
Ph: 607-539-7552 Fax:  
Email: mtgo@cornell.edu  
Interest: Pathology

**Jordan, Holly, DVM, PhD**

5912 Mountain Island Dr.  
Durham, NC 27713 USA

**Kamstock, Debra, DVM**

Colorado State University  
Dept. of Pathology  
Fort Collins, CO 80523 USA  
Ph: 970-491-6144 Fax: 970-491-0603  
Email: kamstock@cvms.colostate.edu  
Interest: Oncologic Pathology

**Kirkbride, Tiffany, BS**

CO Dept of Ag  
Division of Animal Industry  
Rocky Mtn. Regional Animal Health Lab  
2331 West 31st Ave  
Denver, CO 80211 USA  
Ph: 303-477-0049 Fax: 303-458-7857  
Email: tiffany.kirkbridge@ag.state.co  
Interest: Epi/Regulatory

**Klock, Tammy**

PO Box 5786  
Ithaca, NY 14852 USA  
Ph: 607-253-3575 Fax: 607-253-3943  
Email: tsk4@cornell.edu

**Krimer, Paula, DVM**

Dept Pathobiology, Ontario Veterinary  
College  
University of Guelph  
Guelph, Ontario N1G 2W1 CANADA  
Ph: 519-824-4120x4674  
Email: pkrimer@uoguelph.ca  
Interest: Clin Path

**Law, Dennis C., DVM**

Wasatch Veterinary Diagnostics  
6360 S. Highland Dr.  
Salt Lake City, UT 84121 USA  
Ph: 801-278-0505 Fax: 801-277-9369

**Li, Hong, DVM, PhD**

Animal Disease Research Unit, USDA-  
ARS  
PO Box 646630, 3003 ADBF  
Washington State University  
Pullman, WA 99164 USA  
Ph: 509-335-6002 Fax: 509-335-8328  
Email: hli@vetmed.wsu.edu  
Interest: Animal viruses

**McCaig, Linda M.**

176 Janefield Ave. Unit 234  
Guelph, Ontario N1G2L6 CANADA  
Ph: 519-824-4120 x 4548 Fax: 519-821-  
8072  
Email: lmccaig@lsd.uoguelph.ca

**Mitchell, Thomas William, VMD, PhD**

2137 Hemlock Road  
Jeffersonville, PA 19403-3129 USA  
Ph: 610-539-0886  
Email: twmitchel358@earthlink.net  
Interest: Path, Neuropath

**Monette, Sebastien, DVM**

Dept. of Veterinary Pathology  
Western College of Vet Med  
University of Saskatchewan, 52 Campus  
Dr.  
Saskatoon, SK S7N 5B4 CANADA  
Ph: 306-966-7288 Fax: 306-966-7439  
Email: maka86@hotmail.com  
Interest: Anatomic Pathology

**Moran, Alexandra, MVB, MRCVS**

Royal Veterinary College  
Department of Pathology  
Hawkshead Lane  
North Nymms, AL9 7TA ENGLAND  
Ph: 01707666333  
Email: amoran@rvc.ac.uk  
Interest: Path

**Murdock, Chris**

Allied Monitor, Inc.  
PO Box 71  
Fayette, MO 65248 USA  
Ph: 660-248-2823 Fax: 660-248-1334  
Email: allied@coin.org  
Interest: Bacti, Johnes

**Naem, Soraya, DVM, PhD**

Dept. of Pathobiology, Faculty of Vet Med  
Nazloo Campus, Uromia University  
P O Box 1177  
Urmia, W. Azarbaijan 57135 IRAN  
Ph: +98-441-2352715 Fax: 01198-441-  
43442  
Email: s.ngem@mail.urmia.ac.ir  
Interest: Parasitology, EM

**Noon, T. H., DVM**

Arizona Vet Diagnostic Lab  
2831 N Freeway  
Tucson, AZ 85705 USA  
Ph: 520-621-2356 Fax: 520-626-8696  
Email: tnoon@ag.arizona.edu  
Interest: Tox, Path

**Patrick, Daniel J., DVM**

Animal Health Diagnostic Laboratory  
College of Veterinary Medicine  
PO Box 30076  
Lansing, MI 48909-7576 USA  
Ph: 517-353-5275 Fax: 517-355-2152  
Email: patrick@ahdl.msu.edu  
Interest: Pathology

## Addendums To Directory Cont.

**Porter, Brian, DVM**

110 Baker Hill Rd  
Freeville, NY 13068 USA  
Ph: 607-277-0437  
Email: bp45@cornell.edu  
Interest: Pathology

**Pritchard, Jane, BA, DVM**

Western College of Veterinary Medicine  
Pathology Dept., University of  
Saskatchewan  
52 Campus Drive  
Saskatoon, SK S7N-5B4 CANADA  
Ph: 306-966-7288  
Email: jane.pritchard@usask.ca  
Interest: Pathology

**Rachid, Milene Alvarenga, MD, DVM**

432 Machado St. - Floresta  
Belo Horizonte  
Minas Gerais, 31110-080 BRAZIL  
Ph: 011-55-313-4422225  
Email: milenealvarenga@hotmail.com  
Interest: Path

**Rico-Hernandez, Guillermo, DVM**

Calle 114 A No. 41-85 (40-85)  
Apto. 201 Barrio La Alhambra  
Bogota D.C., Cundinamarca COLOM-  
BIA  
Ph: 57-1-6190223-2111751 Fax: 57-1-  
3127242  
Email: gricoh@hotmail.com  
Interest: Wildlife Pathology

**Schommer, Susan, PhD**

307 Connaway Hall  
Columbia, MO 65211 USA  
Ph: 573-884-6822  
Email: schommers@missouri.edu  
Interest: Virology, Molecular Diagnostics

**Schwartz, Annette, DVM**

Harvard Medical School  
Comparative Pathology NERPRC  
One Pine Hill Drive  
PO Box 9102  
Southborough, MA 01772-9102 USA  
Ph: 508-786-1460 Fax: 508-624-8181  
Email: aschwartz@hms.harvard.edu  
Interest: Infectious Diseases

**Sellers, Holly, MS, PhD**

Dept. of Avian Medicine  
University of GA  
953 College Station Rd.  
Athens, GA 30602 USA  
Ph: 706-542-5647 Fax: 706-542-5630  
Email: hsellers@arches.uga.edu  
Interest: Clin & Mol Virology

**Shull, Robert M., DVM**

Wisconsin Veterinary Diagnostic Lab  
6101 Mineral Point Drive  
Madison, WI 53705 USA  
Ph: 608-262-5432 Fax: 608-262-5005  
Email: robert.schull@wrld.wisc.edu  
Interest: Hematology

**Snelee, Robbe, DVM, MS**

1701 Vet Med  
Ames, IA 50011 USA  
Ph: 515-294-9110 Fax: 515-294-1072  
Email: rsnelee@iastate.edu  
Interest: Prod. Animal Med.

**Snider, Timothy**

707 Brookridge Circle  
Knoxville, TN 37920 USA  
Ph: 865-974-8234  
Email: tsnider@utk.edu

**Stiver, Shane Lee, DVM**

714 East 46th Street  
Tifton, CA 31794 USA  
Ph: 229-387-8703  
Email: sstiver@tifton.cpes.peachnet.edu  
Interest: Pathology

**Sylvestre, Doris**

MAPAQ  
3220, rue Sicotte, C.P. 3500  
St-Hyacinthe, Quebec J2S 7X9  
CANADA

**Troxell, Sunny, BS, MS**

Vet Med Diagnostic Lab  
1600 E. Rollins  
Columbia, MO 65211 USA  
Ph: 573-884-9264  
Interest: Virology

**Vitsky, Allison, DVM**

M.I.T. Division of Comparative Medicine  
77 Massachusetts Avenue 16-820  
Cambridge, MA 02139 USA  
Ph: 617-452-2610 Fax: 617-252-1882  
Email: avitsky@msn.com  
Interest: Pathology

**White, Fran**

MDC Associates  
163 Cabot St.  
Beverly, MA 01915 USA  
Ph: 978-927-3808 Fax: 978-927-1308  
Email: fran@mdcassoc.com  
Interest: Microbiology

**Zachary, James F., DVM, PhD**

University of IL  
2001 S. Lincoln Ave.  
Urbana, IL 61802 USA  
Ph: 217-333-9029 Fax: 217-244-6629  
Email: zacharyj@uiuc.edu  
Interest: Pathology



## Job Listings

**Diagnostic Clinical Pathologist:** The Texas A&M Veterinary Medical Diagnostic Lab in Amarillo Texas, a part of the Texas A&M University System, is seeking a veterinary clinical pathologist for this non-tenure track appointment. Qualifications required include DVM or equivalent degree with advanced training in clinical pathology. Training in anatomic pathology and ACVP board certification or eligibility is preferred. Applicants should submit curriculum vitae, a letter of intent concerning career goals, and the names and addresses of three professional references to Dr. Robert Sprowls, Chairman of the Search Committee, TVMDL, PO Box 3200, Amarillo, TX 79116. ph 806-353-7478, email: [r-sprows@tvmld.tamu.edu](mailto:r-sprows@tvmld.tamu.edu). **Applications will be received until the position is filled.**

**Veterinary Diagnostic Pathologist:** Position for a Veterinary Diagnostician at the Rollins Animal Disease Diagnostic Laboratory in Raleigh, NC, a division of the North Carolina Department of Agriculture and Consumer Services. This position requires graduation from a recognized college of veterinary medicine, two years experience in the practice of veterinary medicine and eligibility for licensure to practice in North Carolina. Experience in Food Animal Medicine is highly desired. Applicants with less than two years experience may be considered on a trainee program. The hiring range is \$42,430. - \$56,744. For additional information please contact Dr. Martin Smeltzer or Dr. Jo Anna Quinn at (919) 733-3986. **The closing date for this position is 9/21/01.** A North Carolina Application for Employment must be completed. To receive a blank application please contact the Human Resources Division (919)733-2243 or get a copy at the following website: [www.agr.state.nc.us/jobs2.htm](http://www.agr.state.nc.us/jobs2.htm). Mail completed applications to: Ms. Rosilyn McNair, Recruiting Specialist, Human Resources Division, NCDA&CS, P O Box 27647, Raleigh, North Carolina 27611, (919)733-2243 FAX(919)715-4295

**Veterinary Diagnostic Pathologist:** Veterinary Pathologist position available at the Western Animal Disease Diagnostic Laboratory in Arden, North Carolina, a unit of the North Carolina Department of Agriculture and Consumer Services Disease Diagnostic Laboratory System. 100% diagnostic service pathology and supervision of the laboratory and eight employees. A DVM degree from an accredited college of veterinary medicine and eligibility for licensure to practice veterinary medicine in North Carolina is required. Certification or board eligibility by the American College of Veterinary Pathologists is preferred. Salary ranges from \$50,872 - \$85,660. **The closing date for this position is September 30, 2001.** A State of North Carolina Application for Employment, curriculum vitae and names and addresses of three professional references should be submitted. A blank application and complete job description (including vacancy number) is located at the following website: [www.agr.state.nc.us/jobs2.htm](http://www.agr.state.nc.us/jobs2.htm). For more information or to receive an application by mail please contact Dr. Jo Anna Quinn (919)733-3986 or Rollins Animal Disease Diagnostic Laboratory PO Box 12223 Raleigh, NC 27605.

**Veterinary Diagnostic Pathologist:** The Ohio Department of Agriculture Animal Disease Diagnostic Laboratory is seeking applicants for the position of Veterinary Pathologist. Board certification or eligibility in the ACVP is required. Ph.D. preferred. Completion of a graduate program in veterinary pathology from an AVMA accredited college of veterinary medicine; eligibility for licensure with the Ohio Veterinary Medical Board; accreditation under CFR, Title 9, Part 161 issued by USDA. Applicants with interest or experience in avian pathology preferred. Candidates should submit curriculum vitae and names of 3 references with a letter expressing their professional interests and goals to: Dr. Sheila Grimes, Section Head, Pathology, Animal Disease Diagnostic Laboratory, Ohio Department of Agriculture, 8995 East Main Street, Reynoldsburg, Ohio 43068. Ph: 614-728-6300.

**Veterinary Pathologist (Poultry):** The College of Veterinary Medicine, The University of Georgia, invites applications for a tenure-track position at the rank of assistant professor at the Department of Avian Medicine. Candidates must have a DVM and have ACVP board certification or be board eligible in veterinary pathology. The Ph.D. degree and experience in poultry diseases are desirable. Responsibilities include providing diagnostic and research services in poultry diseases, and instruction. Interested persons should submit their curriculum vitae and names of 4 persons who may be contacted as references. **Deadline for receipt of applications is December 15, 2001.** Direct inquiries and submit applications to Dr. Jean Sander, Department of Avian Medicine, The University of Georgia, Athens, GA 30602-4875. Phone: (706) 542-5058. Fax: (706) 542-5630. Email: [jsander@arches.uga.edu](mailto:jsander@arches.uga.edu).

**Anatomic Veterinary Pathologist:** The Veterinary Diagnostic Laboratory in the Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University, has an opening for a tenure-track Diagnostic Veterinary Pathologist at the assistant professor level. Requirements include a DVM or equivalent degree, MS or PhD, and ACVP certification or eligibility. Interested individuals should submit a letter of application that includes a statement of career goals, a curriculum vita, and 3 letters of recommendation to Dr. Derek Mosier, Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University, Manhattan, KS 66506. **Review of applications will begin on September 15,** and continue until a suitable candidate is selected. For more information, contact Dr. Mosier at 785-532-4410 or [dmosier@vet.ksu.edu](mailto:dmosier@vet.ksu.edu).

**Diagnostic Pathologist:** The College of Veterinary Medicine, Cornell University, Ithaca NY seeks a veterinary pathologist committed to a career in diagnostic pathology for this non-tenure track appointment will devote 75% of her/his effort to necropsy and surgical pathology diagnostic services. Qualifications for this position include the DVM degree and board certification or eligibility by the

## Job Listings Cont.

American College of Veterinary Pathologists. Individuals with an interest in assuming some of the administrative duties of the group are especially encouraged to apply. Applicants should submit a curriculum vita, a letter of intent concerning career goals, and the names and addresses of three professional references to Dr. Sean P. McDonough, Search Committee Chair, c/o Ms. Amy Pellegrino, Department of Biomedical Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853-6401. Informal inquiries to the chair of the search committee at phone: 607-253-4299 or [spm13@cornell.edu](mailto:spm13@cornell.edu). **Applications will be received until the position is filled.**

**Diagnostic Pathologist:** Asst/Assoc/Full Professor of Clinical Diagnostic Pathology, Assistant level preferred, in the California Animal Health and Food Safety Laboratory System/Dept. of Pathology, Microbiology & Immunology, School of Veterinary Medicine, University of California, at the Davis campus. Veterinarian with advanced training in anatomic pathology, board certification by the American College of Veterinary Pathologists preferred. Ph.D. degree in veterinary pathology or related field desirable. Demonstrated interest, aptitude, and capability in livestock & avian diagnostic pathology and disease investigation. Must possess excellent interpersonal and communication skills. **To receive fullest consideration, applications must be received by November 1, 2001;** open until filled. Interested applicants should submit 1) a letter of intent outlining special interest in the position, overall related qualifications, experiences, and career goals; 2) curriculum vitae; and 3) the names and addresses of three professional references to: Dr. Alex Ardans, Director, California Animal Health & Food Safety Laboratory System, School of Veterinary Medicine, University of California, Davis, CA 95616

**Veterinary Pathologist:** The Veterinary Pathology Department, College of Veterinary Medicine, Iowa State University, invites applications for an assistant professor of anatomic pathology in a full-time, tenure-track position. The position is 70% research and 30% teaching and diagnostic service; these are negotiable. The DVM (or equivalent) and PhD degrees are required. Preference will be given to candidates that are board eligible or board certified by the American College of Veterinary Pathology. Interested applicants should submit a letter stating career goals, a curriculum vitae, a summary of current research, and names and addresses of three references to: Dr. Claire Andreasen, Interim Chair, Department of Veterinary Pathology, College of Veterinary Medicine, Iowa State University, Ames, IA 50011-1250, Phone 515-294-0877; fax 515-294-5423; email [candreas@iastate.edu](mailto:candreas@iastate.edu). **Position is open until filled.**

**Veterinary Pathologist:** Clinical Assistant/Associate/or Full Professor of Veterinary Pathology as a full-time, non-tenure track position to start Feb. 1, 2002. The Veterinary Diagnostic Laboratory (75%) and the Department of Pathobiology, College of Veterinary Medicine at the University of Illinois at Urbana-Champaign. Candidates must possess a DVM or equivalent degree and ACVP certification or commitment to achieving Diplomate status. Preference will be given to candidates holding an MS or PhD degree in pathology. Candidates should have advanced training and experience in diagnostic veterinary medicine and possess excellent communication and interpersonal skills. Responsibilities include service (75%), teaching (15%) and additional responsibilities (10%). For full consideration, **applications must be received by November 1, 2001.** Applicants may be interviewed before the closing date; however no decision will be made until after that date. Applicants should submit a letter of interest, a current curriculum vitae and the names, addresses and telephone numbers of three references to: Amanda Matson, Search Coordinator, University of Illinois College of Veterinary Medicine, 2001 South Lincoln Ave., Urbana, IL 61802. Telephone: (217) 333-1620 or (217) 244-0138-Dr. Matt Wallig, Search Advisory Comm. Chair

**Head, Department of Veterinary Pathobiology:** The University of Illinois College of Veterinary Medicine at Urbana-Champaign is seeking a distinguished scientist to provide leadership for the Department of Veterinary Pathobiology. Candidates must have an outstanding record of scholarship and research to qualify for the position of Professor with tenure in the Department. Qualifications include a proven record of grantsmanship and leadership, a strong commitment to teaching at the professional and/or graduate level, recruitment of graduate students, and strong interpersonal and administrative skills. Aptitude for and/or sensitivity to diagnostic medicine and a record which demonstrates enthusiasm for broad collaboration and interdisciplinary work required. Preference will be given to candidates with a DVM or MD and/or PhD degrees in one of the disciplines represented in the Department. Applicants should submit a letter of interest, their curriculum vitae and the names, addresses, and telephone numbers of three referees to Dee Bergman, Search Coordinator, Office of the Dean, University of Illinois, College of Veterinary Medicine, 2001 South Lincoln Avenue, Urbana, IL 61802. Phone: 217-333-2760; Fax 217-333-4628. Questions should be directed to Dr. Warwick Arden, Chair of the Search Advisory Committee (217-333-5310; [warden@cvm.uiuc.edu](mailto:warden@cvm.uiuc.edu)). For full consideration, **applications must be received by November 15, 2001.**

**Head, Department of Veterinary Sciences and Director of the Wyoming State Veterinary Laboratory** at the College of Agriculture, University of Wyoming. Candidates must have a DVM and a PhD degree in a field pertinent to diagnostic veterinary medicine; specialty board certification is desirable. Administrative and diagnostic experience and ability to work with veterinary and producer groups are important. Academic rank is at the level of Professor. Applicants should submit an application letter indicating your leadership approach, a detailed curriculum vitae, and names of 3 professional references to: Dr. E. Lee Belden, Department of Veterinary Sciences, 1174 Snowy Range Rd, Laramie, WY 82070; phone 307-766-2134, FAX 307-721-2051, e-mail: [elbelden@uwyo.edu](mailto:elbelden@uwyo.edu). **Review of applications will begin November 1, 2001.** See <http://wsvl.uwyo.edu/>.

## Job Listings Cont.

**Associate Vice Chancellor and Executive Director of the Texas Veterinary Medical Diagnostic Laboratory (TVMDL):** The Agriculture Program - Texas A&M University System is seeking applications for the position of Associate Vice Chancellor and Executive Director. The position reports to the Vice Chancellor of Agriculture. This position is responsible for providing leadership and management to the Texas Veterinary Medical Diagnostic Laboratory and for all operations necessary for providing a full-service, leading edge diagnostic laboratory for the State of Texas. Qualifications: Interested applicants must have a DVM and post-graduate training and be licensed or eligible for regular or special licensure in the State of Texas. Successful applicants will have excellent interpersonal and analytical skills and at least ten years of experience in veterinary diagnostic medicine and the operation of diagnostic laboratories. Application: Qualified applicants should submit a letter of intent, resume/curriculum vitae and contact information for three references to: Dr. John Reagor, Vice Chair, Search Committee, P.O. Drawer 3040, College Station, Texas 77840-3040.

**Microbiologist (virology/serology):** Supervisor position in the Virology/Serology section of the Arkansas Livestock & Poultry Commission. A Masters degree in microbiology or related field is preferred but experience may be used in lieu of the education requirements. Send resume to Dr. Thomas Kienzle, AR Livestock & Poultry Commission, 1 Natural Resources Drive, Little Rock, AR 72205. Phone: (501) 907-0690. Fax: (501) 907-2410. [tkienz@arlpc.org](mailto:tkienz@arlpc.org).

**Veterinary Bacteriologist:** Position is at the Ohio Department of Agriculture Animal Disease Diagnostic Lab. Qualifications include completion of a graduate program in veterinary microbiology from an AVMA accredited College of Veterinary Medicine; eligibility for licensure with Ohio Veterinary Medical Board; accreditation under CFR, Title 9, Part 161 issued by the USDA. Board certification or eligibility in the ACVM is preferred. This position serves as Section Head of the Bacteriology Lab. Candidates should submit curriculum vitae and names of 3 references with a letter expressing their professional interests and goals to Dr. Beverly Byrum, Laboratory Director, Animal Disease Diagnostic Lab, Ohio Department of Agriculture, 8995 East Main Street, Reynoldsburg, Ohio 43068. Phone (614) 728-6220, Fax (614) 728-6310 or [Byrum@odant.agri.state.oh.us](mailto:Byrum@odant.agri.state.oh.us).

**Analytical Chemist:** The Arkansas Livestock and Poultry Commission is seeking a full-time Chemist to work in the Toxicology section and oversee method development and sample analysis of the Veterinary Diagnostic Laboratory. The ideal candidate will possess a PhD or MS in Chemistry or a related area with analytical experience in toxicology, nutrition, and/or pharmacology. The position requires supervision of personnel, equipment purchasing, and writing SOPs. Send resume to Dr. Konnie Plumlee, AR Livestock & Poultry Commission, 1 Natural Resources Drive, Little Rock, AR 72205. Phone: (501) 907-0689. Fax: (501) 907-2410. [KPLUML@ARLPC.ORG](mailto:KPLUML@ARLPC.ORG).

**Combined Residency and PhD Training in Veterinary Microbiology:** The Department of Veterinary Microbiology and Pathology at Washington State University has diagnostic microbiology residency/PhD degree combined training positions for DVM graduates. This combined program emphasizes the integrated approach toward PhD/residency training and encourages a close interaction amongst students and faculty. Completion of the combined program qualifies graduate students to sit for ACVM board certification and prepares them for scientific careers as independent investigators. Stipends start at \$29,844. Applicants must be US citizens or permanent residents. Applications should include veterinary college transcripts, curriculum vitae, a statement of professional goals and names of 3 references. Send applications to Dr. Tom Besser, Department of Veterinary Microbiology and Pathology, Washington State University, PO Box 647040, Pullman, WA 99164-7040; phone (509) 335-6075.

**Temporary Instructor Position In Anatomic Pathology:** The Washington Animal Disease Diagnostic Laboratory (WADDL) is offering a one-year instructor position in anatomic pathology beginning August 1, 2001 or later, with a 60% assignment in WADDL, leaving the remainder of time for ACVP board study or other related activity. Preferred candidates would have completed a residency in anatomic pathology, be preparing for the ACVP certification examination in 2002 and be proficient in necropsy and histopathology of domestic animals. The successful candidate will have both strong diagnostic capabilities and effective communication skills and be expected to interact with clients. **Application review will begin immediately** and will continue until the position is filled. For more information, contact: Kathleen Potter, DVM, PhD, Chair, Search Committee, [kpotter@vetmed.wsu.edu](mailto:kpotter@vetmed.wsu.edu), (509) 335-7259, FAX: (509) 335-8529

**Fellowship in Veterinary Pathology:** The Zoological Society of San Diego has an immediate opening for a Fellow in the Department of Pathology, Center for Reproduction of Endangered Species. Qualifications include a D.V.M. or equivalent degree and completion of a minimum of two years of pathology residency training. The Fellow will work under the supervision of three Board Certified pathologists, providing anatomic and clinical pathology support for the combined collections of the San Diego Zoo and San Diego Wild Animal Park. The position will end July 31st, 2003, with an optional extension to July 31st, 2004 by mutual agreement. Annual salary is \$40,000 and includes an excellent benefits package. **Application deadline is October 5, 2001.** To apply: Send CV, three professional references, and statement of career goals and availability to: the Human Resources Department, Attn: Fellow #173015, P.O. Box 120551, San Diego, CA 92112-0551. [www.sandiegozoo.org](http://www.sandiegozoo.org).



2002  
Membership Application

Please send payments to: AAVLD, PO Box 1770, Davis, CA 95617 USA or Fax: 530-752-5680  
Payments received after 1/1/02 will not be guaranteed all 6 issues of JVDI.

Please complete all of the following fields. AAVLD is updating its membership database and we want to make sure we can communicate with you. Thanks!

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