

August 2002



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2002 Executive Board

President.....	Pat Blanchard
President-Elect.....	Terry McElwain
Vice President.....	Willie Reed
Immed. Past President.....	David Zeman
Secretary/Treasurer.....	Alex Ardans
North East.....	Beverly Byrum
South East.....	Fred Hoerr
North Central.....	Neil Dyer
South Central.....	Melissa Libal
North West.....	Donal O'Toole
South West.....	Barbara Powers
Canada Provincial.....	Grant Maxie
Canada Federal, Ex-officio.....	W.D.G. Yates
Ex-Officio, NVSL.....	Randall Levings

Table of Contents

President's Message.....	3
Executive Board Minutes.....	4-9
Strategic Planning Session Minutes.....	10-12
OIE Report.....	13-14
Meeting Registration Form.....	15
Hotel Registration Form.....	16
Annual Meeting Schedule.....	17-20
CL Davis Immunohistochemistry Symposium.....	20
Validation and Interpretation Workshop Registration.....	21
Annual Meeting Committee Agendas.....	22-26
Bacteriology Case Report Schedule.....	26
Scientific Sessions and Posters.....	27-34
AVMA Congressional Fellow Applications.....	34
AAVLD House of Delegates.....	35-36
Exhibits and Posters.....	36-37
Addendum to Directory.....	38-40
Meeting Announcements.....	41
Position Announcements.....	42-45
AAVLD Membership Application.....	46

AAVLD President's Message

Patricia Blanchard

The AAVLD and USAHA Annual meetings this year will be held in St. Louis, Missouri on October 17-24. This year the committee agendas show the marked increase in activity related to emergency preparedness, standardization, improved quality systems, and test validation. On October 17, the Approved Methods committee will be meeting with other organizations to address validation issues in the morning and a Validation Workshop (separate registration on page 21) will take place from 1:00-6:00 pm that afternoon. Also on October 17, CL Davis Foundation and AAVLD Pathology committee are co-sponsoring an all-day symposium on the use of immunohistochemistry in diagnostic laboratories (separate registration is required, information available on page 20). Validation and/or standardization of testing is on the agenda of several other committees including bacteriology, food safety, analytical toxicology and pathology.

A number of committees will be addressing issues related to the concept of a National Animal Health Lab Network, developed by AAVLD in partnership with USDA, to strengthen national preparedness and the ability to respond to bioterrorism, foreign animal disease incursions and contamination of the food supply by biologic or chemical agents. Among the issues related to this concept that need to be addressed and are on one or more committees agendas for October include: communications, sample tracking and reporting, quality assurance systems, validation of rapid molecular based techniques, funding and distribution of formerly federal-only testing capability, such as for foreign animal disease, into state laboratories. The latter concept is already being worked out using contract laboratories for scrapie and CWD testing. In addition, the 12 laboratories that received the \$15 million in Homeland Security funding from USDA is providing a pilot group of laboratories to identify and begin to address many concepts related to the NAHLN that will be pertinent in its expansion to include all states in the future. Issues, such as informatics and data exchange need to accommodate a large array of system types from all laboratories so this is the topic that the Informatics Committee will be addressing this year.

Quality systems are the focus of the new Quality Managers Committee that has been working on a template for a quality manual and the decision of the Accreditation Committee to incorporate the OIE guidelines into the minimal essentials. Standardization of methods for select agents found naturally in animals is being addressed by the Bacteriology committees and will be critical when working with federal law enforcement agencies in the event of an intentional introduction.

Other committee meetings that are addressing concepts related to the NAHLN plans include an Emergency Preparedness working group to develop laboratory guidelines, Long Range Planning, National Animal Health Lab Network, and ISU database meeting, Government Relations, Laboratory Directors, Animal Health Information Systems and Serology.

A strong scientific program with emphasis on molecular diagnostics in the first plenary session and several break out sessions, Foreign animal disease session and the second and joint AAVLD/USAHA plenary session on the Role of International Standards in Disease Control and Trade and CWD will continue to move AAVLD forward on the scientific front related to these highly visible national issues.

Partnering with other agencies in addition to USDA such as APHL, FBI, EPA and DHHS where we have mutual concerns in detecting and tracking select agents, chemical toxins, emergence of new diseases such as WNV and testing of environmental samples will continue to strengthen AAVLD position nationally and increase our visibility and credibility in the laboratory testing arena. Veterinary laboratories have a great deal to offer not just in microbiologic capabilities and environmental testing but particularly in their expertise and capability to detect chemical agents in food products compared to most state public health or hospital laboratories.

We look forward to seeing you all in October at St. Louis.

AAVLD EXECUTIVE BOARD MINUTES

Sunday, July 14, 2002, 8:00am-12:00pm

Opryland Hotel- Nashville, TN

Present: Alex Ardans, Terry McElwain, Barb Powers, Willie Reed, David Zeman, Neil Dyer, Pat Blanchard, Bev Byrum, Donal O'Toole, Randall Levings (representing NVSL). **Guests:** John Kreeger, Bill Edwards, Leon Thacker, Ron Wilson, Sarah Lister, Mike Chaddock, Dean Goeldner, Don Lein, Doris Miller

1. The meeting was called to order at 1:05 pm by Pat Blanchard.

2. **APPROVAL OF MINUTES:** Minutes of the February 14, 2002 Executive Board Meeting were reviewed. A motion was made to approve the minutes (Dyer), seconded (Byrum), and passed unanimously.

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

JANUARY 1, 2002 – JUNE 30, 2002

Checking Account Balance on Hand January 1, 2002:	\$197,534.71 (adjusted \$455.25 for voided check from 2001)	
Total Administrative Operating Receipts	\$59,626.81	
Total Administrative Operating Expenses	(\$118,073.09)	
ENDING BALANCE JUNE 30, 2002:		\$139,088.43

Certificates of Deposit as of JUNE 30, 2002		
CD#000418518	\$15,285.91	
CD#00475591	\$14,352.20	
TOTAL, CERTIFICATES OF DEPOSIT		\$29,638.11

Mutual Fund, Edward D. Jones, as of JUNE 30, 2002		
Account #190876276 New Perspective Fund	\$71,700.65	
Account #165939129 Investment Co. of America	\$70,806.28	
TOTAL MUTUAL FUNDS		\$142,506.93

TOTAL ASSETS ON HAND- JUNE 30, 2002 **\$311,233.47**

Alex Ardans announced that the Accreditation committee agreed to pay a pro-rated share of the ISO training conducted in June, based on attendance by Accreditation Committee members (not to exceed \$2,500). These funds will be calculated and transferred over to the general fund. Pat Blanchard reminded the committee that NVSL had also offered to contribute to the training costs, and Randall Levings said he would look into reimbursing the AAVLD for the one NVSL member that attended.

A motion to accept the Treasurer's report was made (Reed), seconded (Zeman), and carried unanimously.

4. COMMITTEE REPORTS

A. Accreditation

Since the February 13, 2002 Executive Board meeting, the Accreditation Committee has met twice. During the February 14, 2002 meeting, the committee reviewed the Kansas State and Illinois site visit reports. They also decided to add to the White Paper the incorporation of OIE standards into the "AAVLD minimal essentials for laboratory accreditation." The committee agreed to require a written report from any Accredited Laboratory that undergoes changes in administration that may affect Accreditation status. It was decided that in the future, site visits that include branch laboratories will incur an additional charge when the visit to the branch lab requires an additional day or days.

ISO assessor training was held in June in Las Vegas, NV. Ken Stoub, head of training for AALA, instructed and moderated the training session. He provided a comparison of ISO 17025 standards and OIE standards. Twenty-nine AAVLD members attended the training, eight of whom are accreditation committee members.

The Accreditation Committee also met July 13, 2002. They received an update on the Wisconsin laboratory from Dr. Robert Schull, lab director. The committee also received a request from the Arkansas lab to conduct a site visit, which committee members agreed to do in September. Site visit reports were presented on Louisiana State University and Michigan State University labs. There was discussion regarding previous reports from the Illinois Department of Agriculture site visits in 2001.

The Committee also discussed changes to Accreditation Standards and appointed a sub-committee to develop a timeline for implementation of new standards.

The Committee approved up to \$2500 dollars (on a pro-rated basis) to go to the AAVLD general fund for 17025 training for Accreditation members who attended.

Dr. Konrad Eugster has announced his resignation from the Accreditation Committee and will need to be replaced. Dr. David Zeman (South Dakota) has replaced John Andrews as the North-Central Representative on the committee.

Leon Thacker announced that the Accreditation Committee would like to have the White Paper circulated as widely as possible. It has already been sent to Lab Directors, and placed on the web. Next it needs to be distributed to all members of the House of Delegates in preparation for the Fall meeting (as an informational paper on the direction of the Accreditation Committee; a vote of the HOD is not required).

Leon Thacker commended Pat Blanchard for appointing the Quality Management committee and recognized Monte Reimers for providing excellent leadership as chair of that committee.

B. JVDI

John Kreeger announced that the same number of manuscripts have been received to-date as last year; he anticipates approximately 190 manuscripts will be submitted this year. The Journal currently has an acceptance rate of 53%. John Kreeger also acknowledged Kathy Craighead, Editorial Assistant, for her help with the Journal. Candidates for the manuscript award will be provided to Barb Powers within the next week or two.

Discussion of pricing for position announcements and advertising will be an agenda item for the Editorial Board at the Fall meeting. The JVDI has been charging the same rates for commercial advertising and position announcements for many years.

John Kreeger reminded the Executive Board that because of the way the journal is printed, there is often blank space in the back. There are no additional costs to print black-and-white copy in this space, so the Association may want to consider using it for Foundation or Annual Meeting information, or to disseminate information on the National Animal Health Network or other areas of interest to AAVLD members.

C. Newsletter and Monographs and Web Site Updates:

Pat Blanchard announced that this is her last year as Editor of the Newsletter. The Publications committee is working on identifying a new editor. There was no report on Monographs or Web Site.

D. Program Committee

Terry McElwain reported that 104 abstracts were submitted as of July 12, though the program committee has turned some down. Of the 104, 81 are for presentation and 23 are posters. There are 2 plenary sessions this year; the first is on

molecular diagnostics, and the second is on Chronic Wasting Disease (this is a joint session with USAHA). Scientific sessions include molecular diagnostics, pathology, toxicology, microbiology, avian/ aquaculture and epidemiology.

The CL Davis workshop, and a workshop on validation and interpretation of diagnostic tests will be held on the Thursday preceding the meeting (registrations are separate from meeting see pages 20 and 21 in newsletter).

E. Canada

Pat Blanchard presented the Canada report for Bill Yates as follows:

1. Canadian Animal Health Laboratorians Network Meeting. The inaugural meeting was held in Ottawa 4-6 June 2002 and was attended by approximately 70 diagnosticians, researchers, and laboratory managers. Keynote speakers were Canada's Chief Veterinary Officer, Dr. Brian Evans, on emergency preparedness; Dr. Gary Wobeser of the Western College of Veterinary Medicine on the wildlife interface in relation to emerging diseases; and Dr. Elroy Mann of Health Canada on integrated surveillance systems. The meeting will be held in Ottawa again next year, and is expected to alternate between Ottawa and veterinary college campuses in future. Interested AAVLD members are welcome to attend.
2. G8 and G6B Meetings in Alberta. The G8 leaders met in Kananaskis country (west of Calgary where some aspects of the 1988 Olympic Winter Games were held) on 26-27 June 2002 to discuss globalization, bioterrorism, and the problems of African countries. Despite threats of disruption by activists, which could have resulted in a role for our labs in testing suspect foods and water, nothing untoward happened beyond the expenditure of considerable funding on security.
3. Bioterrorism/agroterrorism. Similar to the US and other countries, Canada is continuing to focus on security needs and the related aspects of test capability and detection. Through a research initiative on chemical, biological, radiation, and nuclear hazards, projects are being formulated on test development to enhance rapid and accurate diagnosis, as well as ensuring integration of animal health laboratory capability into a network concept.
4. Veterinary College accreditation. The American Veterinary Medical Association has written to the Canadian Minister of Agriculture and Agri-Food to encourage spending on infrastructure at our 4 veterinary colleges (Saskatoon, Guelph, St. Hyacinthe, and Charlottetown). There will be coordination of planning among the colleges, provincial, and federal (Canadian Food Inspection Agency) animal health players, particularly in relation to any biocontainment level 3 projects.
5. Anaplasmosis/Bluetongue summit meeting, Ottawa. An information-sharing meeting was held among industry and government in June of 2002. Speakers included Canadian and US experts, including Dr. Terry McElwain of AAVLD, on topics such as improved test methods and the competence and geographical range of vectors for these diseases. Some industry representatives on both sides of the border are lobbying for movement of cattle in the summer from certain states without testing. The Canadian Animal Health Coalition will continue the consultations.
6. Foreign Animal Disease diagnosis. Director Dr. Paul Kitching reports that plans are proceeding well for importation of various strains of Foot and Mouth Disease virus, representing all 7 serotypes, to the Canadian National Centre for Foreign Animal Disease at Winnipeg, Manitoba. Dr. David Zeman, representing AAVLD, and Bob Hillman and Bill Hartman, representing USAHA, visited the lab in March 2002, to discuss the project and tour the facilities. Having the viruses at Winnipeg will enable Canada to produce diagnostic reagents and supplement US capability in meeting the goal of North American preparedness against FMD incursions from other parts of the world. Dr. Marta Sabara heads the reagent preparation unit at Winnipeg.

F. Membership

Willie Reed reported that AAVLD currently has 1252 members.

G. Credentials

Willie Reed reported that progress is being made on filling vacancies in the House of Delegates, and that this year's list includes many new names.

H. Foundation

Barb Powers reported that the new Foundation donor form is complete, and will be sent to the JVDI Editor to place in the journal. Once the manuscript submissions are received, the Foundation Committee will select this year's winner.

I. NVSL - by Randall Levings, Director of NVSL

NVSL has been working overtime to provide testing and field lab support for the VA AI outbreak. At this time there have no new positive isolates in 8-10 days. NVSL shifted the primary method of diagnosis from virus isolation to RT/PCR after parallel testing both methods. A lot of NVSL resources are being focused currently on TSE, anthrax, TB and West Nile Virus testing. There has also been a confirmed outbreak of Spring Viremia of carp in a koi farm in North Carolina.

The kick-off meeting for the Animal Health Safeguarding Review Implementation team was held in June. The NASDA Safeguarding recommendations that were released last Fall as well as the Safeguarding Implementation monthly progress reports are at <http://www.aphis.usda.gov/vs/safeguard.htm>. This is essentially the VS strategic planning document.

Regarding Department of Homeland Security related to APHIS: the recommendation of the House Mark-up Committee is only port and border functions and Plum Island assets would move to the new Department, but the recommendation still has to go through the Senate committee. How NVSL-Ames and Plum Island would interact with the change is unclear.

Update on the Master Plan: planning money has been budgeted and received along with money to build a BL3Ag facility and a supplemental lab building for the Lincoln East and TSE work. An architect and contractor have been selected. After completion of the main building, the supplemental lab might be used for NAHLN support (reagents, proficiency).

Valerie Ragan has been appointed as the new Assistant Deputy Administrator for VS and will be responsible for National Surveillance System coordination.

NVSL is going to engage in discussion with AOAC regarding requirements to have official validated methods.

Federal security audits were done at NVSL and Plum Island, labs receiving federal funds and possessing high consequence agents will be the next labs audited.

FAD school for Laboratory Diagnosticians is planned for November 4-8.

NCIE will be narrowing the list of agents (from all now) that require permits for interstate transport.

J. Nominations

David Zeman reported that the nominations committee, consisting of himself and Drs. Bickford, Libal and Elvinger, recently identified candidates for the upcoming Vice Presidential ticket. Recommendations for life membership were presented to the Executive Board and discussed. Donal O'Toole seconded the Nomination Committee's recommendations and the Executive Board unanimously agreed.

5. MISCELLANEOUS REPORTS

A. National Animal Health Emergency Management Committee (NAHEMS)

Pat Blanchard, AAVLD representative to NAHEMS, reported that Don Lein has volunteered to share AAVLD representation on the NAHEMS committee responsibility with her. NAHEMS produced emergency preparedness standards for state veterinarians and industry. Pat Blanchard will appoint an ad hoc committee to review this document and apply it to laboratories as a guideline for laboratory emergency preparedness for distribution to laboratory directors once it is completed. They will meet October 18, Friday, morning at the annual meeting.

B. Proposed Lab Directors and NAHLN agendas

Bev Byrum reviewed the proposed agenda items for the Fall Lab Directors meeting in St. Louis. A discussion/question-and-answer session regarding the white paper will be added to the agenda. There was also discussion regarding consistency of methods in the event of a terrorist attack on animals. Pat Blanchard will contact someone from the FBI about talking to AAVLD during the NAHLN meeting Friday evening on the FBI and law enforcement agency requirements in order to prosecute a terrorist act.

C. Update on Safeguarding Implementation

Alex Ardans presented an update on The Animal Health Safeguarding Review Results and Recommendations of the National Association of State Departments of Agriculture Research Foundation. Over 150 recommendations came out of the review, which are published in a guide that is available on the APHIS/VS web site (<http://www.aphis.usda.gov/vs/safeguard.htm>). The recommendations were broken into categories, and seven groups were formed to respond to them. Alex Ardans participates in the laboratory issues group, which has been assigned to address approximately seventeen recommendations. Recently the seven groups met, and broke up into individual entities. Many issues sent to the laboratory group were addressed in the NAHLN plan (see “Old Business” and Strategic Planning Session pg 11-12) such as staffing resources, creation of the NAHLN, the role of NVSL and CVB as reference labs, laboratory accreditation/ QA, modernization plan, NVSL influence on research, training, and improvement of customer service at NVSL/CVB.

6. NEW BUSINESS

A. Congressional Fellowship Program through AVMA Foundation

Dean Goeldner, Assistant Director of the AVMA Governmental Relations Division, introduced the AVMA Congressional Fellowship Program, which sends a fellow to work in a congressional office for 1 year to provide veterinary expertise to congressional representatives. He encouraged AAVLD to contribute to the Foundation and asked Board members to encourage people within the organization to apply for the fellowship. See page 34 for more details on applying or supporting the Fellowship program.

Dr. Mike Chaddock, the current AVMA Fellow in the office of Senator Mary Landrieu, discussed his experience working on the development of a Center for Excellence in Biological Welfare.

Dr. Sarah Lister is a previous fellow who worked on Food Safety issues. She encouraged the Board to use previous Fellows as a resource to develop and present ideas to the government. She is currently the Director of Director of Public Health Preparedness for the Association of Public Health Laboratories

B. Association of Public Health Laboratories (APHL)

Dr. Sarah Lister announced that APHL board formally agreed to establish a liaison with AAVLD. The APHL is a private, non-profit organization in Washington, DC with field offices. They work with CDC cooperative agreements to coordinate public health labs. The APHL coordinates efforts in state laboratories to ensure consistent protocols, provide regional training, coordinate the laboratory response network (LRN) including notification of an event, provide input to CDC on protocol development so it is “do-able” in the state laboratories and manage surge capacity. The LRN consists of 50 state public health labs, some federal labs, FSIS, FDA and a few local labs. The advantage of expanding this network would be geographic convenience of transport and expanse of expertise, but reasons not to expand include not wanting reagents too widely available. Currently APHL is weighing bringing veterinary diagnostic labs into the lab response network, and Sarah Lister said AAVLD could assist by helping to generate a list of subject-matter experts for protocol development (ie ricin toxin, equine encephalities, glanders, etc.). More information on APHL is available at: www.aphl.org

C. Conference call of lab directors with APHIS, VS- Drs. Ron DeHaven, Randall Levings, et al every other month will begin in August.

7. OLD BUSINESS

A. Winnipeg Lab Visit

David Zeman and two representatives from USAHA (Dr. Hillman - ID and Dr. Hartman - MN) were invited to tour the Canadian National Center for Foreign Animal Diseases in Winnipeg, Canada in April 2002. They toured the entire laboratory, including the BSL 3 /4 facility. The laboratory is in downtown Winnipeg and has been fully operational for a few years. The lab has undergone a series of internal validations for biosafety procedures, and has increased their level of expertise and readiness to handle dangerous agents. In November 2001, the laboratory was inspected for ISO17025 accreditation and received their certificate. Dr. Zeman reported that he was comfortable with the quality and

management of the operations as it relates to working with and effectively containing and disposing of highly infectious agents of humans and animals. The laboratory is developing regional expertise for specific diseases of humans and animals.

B. Winter Executive Board Meeting

Pat Blanchard announced that the majority of board members who responded in advance of this meeting indicated a desire to have the Winter 2003 meeting in conjunction with NIAA in April 2003 in Cincinnati. However, discussion regarding the advantages and disadvantages raised a major concern about the late date of the meeting and the need for the accreditation committee to complete their winter work sooner.

A motion was made that the meeting be held in conjunction with NIAA (Byrum), seconded (Blanchard), and the motion was defeated. Terry McElwain suggested that AAVLD should have representation a NIAA and Pat Blanchard, Bev Byrum, Don Lein, and Leon Thacker indicated a willingness to attend. The Winter 2003 Board meeting will be held in Las Vegas in conjunction with the Western States Conference.

C. Update on NAHLN plans

Discussion regarding the NAHLN was moved to the afternoon Strategic Planning Session.

D. Report from Bruce Akey regarding OIE meeting

Pat Blanchard presented the report from Dr. Bruce Akey who attended the OIE meeting in Paris in June 2002.

1. Bruce reported that OIE has indicated that because their Lab Guidelines are largely based on the ISO standard that their intent is for labs to seek ISO accreditation. However, they are certainly not intending to become an accreditor, nor to set up a formal accreditation process for the OIE Lab Guidelines.

2. OIE has a process for signing up other international organizations as advisory groups and collaborators. The latest group they have signed on with is the World Veterinary Association. Should AAVLD investigate the possibility of becoming one of these advisory groups to enhance our ability to have input into the development of standards within OIE. *Executive Board discussion indicated that OIE accepts international not national groups as advisors. Terry McElwain, the WAVLD liaison, will raise the issue with the WAVLD.*

3. OIE has begun work on revising the Manual of Standards for Diagnostic Tests and Vaccines with the next edition due out in 2004. There will be a push to include PCR and other up-to-date methods in the next edition. AAVLD should have some input on this, and can do so in one of several ways:

- a) Provide USDA with a listing of disease-specific experts that they can recommend for the various Ad-hoc and Working Groups that will be utilized in the revision process.
- b) Continue to monitor the development of the new standards and be sure to provide feedback on the chapters as they are released to OIE member states for comment.

4. AAVLD participation in the OIE process is even more important than I appreciated before I went to the meeting. The OIE standards that are developed are ones that will affect us and we must therefore become, if anything, more engaged. USDA and USAHA need our input on these standards.

An abridged meeting report provided by Dr. Michael David, USDA, APHIS, VS who attended OIE is on page 13-14.

8. NEXT MEETING

The Fall Board meeting, in conjunction with the annual AAVLD/USAHA meeting, will be held in St. Louis, MO on Friday, October 18th from 1pm-5pm.

Meeting was adjourned at 12:15 pm.

AAVLD STRATEGIC PLANNING SESSION

Sunday, July 14, 2002, 1:00pm-5:00pm

Opryland Hotel- Nashville, TN

Present: Alex Ardans, Terry McElwain, Barb Powers, Willie Reed, David Zeman, Neil Dyer, Pat Blanchard, Bev Byrum, Donal O'Toole, Randall Levings (representing NVSL), Fred Hoerr, John Kreeger, Ron Wilson, Don Lein, Konrad Eugster, Doris Miller, Leon Thacker

The meeting was called to order at 1:05 am by Pat Blanchard.

1. National Animal Health Laboratory Network

Randall Levings discussed purpose of the Homeland Security funds that were recently allocated to states for emergency responses and animal laboratories. USDA wanted this money to be used for secure information network, increasing BL3 space availability, regionalization and surveillance and testing capability usings standard methods for 8 FAD agents. Twelve laboratories were selected to receive funds: five labs will have BL3 space and all 12 will have responsibility for foreign animal disease testing for specific agents. Seed money has been dispersed, and other allocations will be made on a quarterly or biyearly basis. Randall Levings (NVSL) and Bill Wagner (CSREES) met with the directors of these laboratories on July 8th. The initial proposals and draft report are due mid-August, and final work plans by the end of September. The report content will include inventory of facilities, current capabilities, record systems, etc. The expectation for use of the funding of these 12 laboratories is to increase FAD preparedness not for research, and there is a stipulation that the hosting institute cannot take overhead out of the allocated money. ARS at Plum Island received 6M for rapid test development for FAD separately. NVSL did not receive funds even though they will have role in supporting the network via reagents, standard methods and proficiency testing. There is a subcommitte within the group of 12 laboratories that is addressing IT issues. APHIS was told this was one time funds.

There was discussion regarding the long-term vision for the current network. Randall suggested that USDA-APHIS and NVSL see this as a jump-start to the NAHLN. Terry McElwain explained that in discussion with Congress we need to specify this recent allocation is a pilot program targeting specific agents and specific labs, and is totally separate from the \$70 million request (\$20- NVSL, \$50 to states) for the NAHLN. He reiterated AAVLD's needs to work with USDA to garner verbal support at all levels including Bobby Acord, Bill Hawks, Jim Moseley and Secretary Venemen. Don Lein stressed the importance of support from industry groups. Willie Reed suggested having the Secretary's Foreign Animal Disease Advisory Committee put forth a resolution supporting the NAHLN. The NAHLN has lost visibility due to a focus on the new Department of Homeland Defense proposal.

Pat Blanchard is going to do a survey of laboratories to see how many performed anthrax testing during the outbreak last year so that information can be disseminated to USDA and politicians.

2. Public Health Surveillance Systems

Dr. Karen Becker, Department of Health and Human Services in the Office of Asst. Secy for Public Health Emergency Preparedness, discussed DHHS interest in non-human sample surveillance systems as a means for early detection of a public health emergency or new emerging zoonotic disease. There was discussion regarding how the Lab Response Network could provide a model that would be applicable to animal laboratories. Her office hopes to strengthen communication between A, B/C and D -level laboratories. They also need to make the message clear that public health labs can request inclusion of the veterinary diagnostic labs in emergency preparedness funding plans. However, the states that submitted plans that included veterinary laboratories did not get funding in general for the veterinary laboratory portion due to the need for HHS to have better information on how VDL can contribute to Public Health surveillance and emergency response. The funding may still be available in the future though. She requested 1-2 page papers on ideas for or current models of systems that work in providing risk communication, laboratory surveillance and/or response plans. Visit: www.bt.cdc.gov, and go to "State guidelines" that list Emergency preparedness guidelines in 4 areas provided in February to state Departments of Public Health.

Leigh Sawyer from the National Institute of Health discussed her work with USDA regarding food safety and laboratory issues. She announced that there will be more scrutiny regarding who is permitted to use certain agents due to increased security concerns; labs may have to get certified to hold the agents. She also discussed an RFA that will be going out from NIH for the “Food and Waterborne Disease Integrated Research Network” (FWDIRN).

Pat Blanchard solicited ideas from attendees regarding information that should be provided to Karen Becker for the plan that would include vet diagnostic labs in the public health network. David Zeman suggested laboratories need a safe BL3 area in case they are called upon to handle highly infectious or weaponized diseases agents. Konrad Eugster suggested that Karen Becker’s office write a letter to the state Departments of Public Health indicating there might be funds available for previously submitted proposals that included VDL if they provide more information on the role and contribution to the public health critical laboratory capacity. Another proposal dealt with veterinary toxicology expertise and capacity in state labs. Karen Becker indicated they are not focusing on chemical testing currently.

3. Safety guidelines and Protocol development: There was discussion regarding AAVLD working through APHL to gain input on protocols for disease diagnosis (West Nile Virus and Rabies) developed by the Center for Disease Control. Also AAVLD needs to identify key contacts in CDC and USDA who are responsible for writing human safety documents that deal with sample handling and necropsies of animals with specific agents such as WNV. Dr. John Clifford is the contact at APHIS regarding input on these human safety guidelines and how they apply to doing field necropsies.

4. Suggestions for increasing political visibility

Pat Blanchard reported on suggestions from Dr. Sarah Lister of APHL regarding gaining political visibility for AAVLD.

- ***Have a mechanism for rapidly developing policy:*** David Zeman suggested that the Executive Committee act as this representative body, and that it gain information from key members and/or Executive Board Members; there was general agreement among meeting participants that this was an acceptable plan.
- ***Develop a predetermined position:*** The Association needs to determine in advance what position it takes on key issues and develop a position papers which are published on the website.
- ***Identify subject matter experts:*** The Association needs to develop a list of subject-matter experts so that contact people can be provided immediately if necessary. Discussion highlighted the need to make sure these experts are only speaking to technical aspects, and not representing AAVLD policy.
- ***Partner with other groups to strengthen the Association’s case (and site GAO reports);*** Use ad hoc letterhead with both Association’s information. Discussion ensued regarding the importance of maintaining relationships with NIAA, and other groups. Willie Reed brought up the Long-Range Planning Committee’s suggestion to obtain a voting membership in the AVMA House Of Delegates; after discussion it was decided to determine how many AAVLD members are also AVMA members during this year’s membership drive.
- ***Respond to requests for information from the media*** in a very timely manner.
- ***Publish the Association’s position in a “Letter to the Editor”*** and attach it in a letter to the Governor; anything that is published holds more weight.
- ***Have an informative up-to-date website.***- this can be very time consuming to maintain.

Donald O’Toole suggested that the Executive Board also encourage AAVLD members to apply for the AVMA fellowship in order to gain political acumen and contacts in Washington. There was a suggestion to put the AVMA Foundation application into empty space in JVDI, or consider having the Association make a donation AVMF.

5. Graduate Student Travel Award

There was discussion regarding permanent Foundation funding for the graduate student travel award. The strategic planning meeting participants generally agreed that the Foundation should address this issue in October.

6. Annual Meeting

There was discussion regarding the possibility of holding the annual meeting jointly with ACVP. There was general agreement that there were numerous advantages to remaining with USAHA, such as having multiple disciplines involved,

the opportunity to interact with major clients and the chance to develop political associations. There was general agreement to have the annual meeting remain in conjunction with USAHA.

7. BL3 Lab Capabilities

Grant Maxie, who was not in attendance, submitted an inquiry regarding how many BL3 labs are necessary among veterinary diagnostic labs, and how they should be distributed. Bev Byrum stated that the CDC has information regarding building and operational costs of BL3 facilities and that she will send her brochure to Grant Maxie. Further discussion ensued regarding realistic needs for BL3 facilities; the cost makes it prohibitive to have one at each lab at this time, but it could be a long-term goal, particularly with the development of the NAHLN. The advantage to having one in every state would be to reduce transportation of the sample. A suggestion was made that if there is co-location of a BL3 laboratory in a University or federal/state laboratory where a veterinary lab also exists, an MOU might be developed with that agency to use it if necessary. All participants agreed that though a number of agents can be handled in biosafety cabinets with additional personal protection, ideally they would like to have a BL3 lab suite for this type of work, particularly if they become involved in bioterrorism testing with weaponized agents.

8. 2002 Accomplishments related to AAVLD objectives:

Gain recognition of AAVLD accreditation as a internationally acceptable quality based process...

The Accreditation committee has completed the White Paper on accreditation and posted on the web. This document outlines actions that will bring AAVLD accreditation in line with OIE guidelines for testing laboratories. Accreditation and Quality Managers (QM) committee members took part in condensed ISO17025 assessor training. QM committee is writing a template for a quality manual for laboratories. NAHLN concept includes a quality manager for each states' laboratory system. Validation of methods are being addressed this year in numerous venues including a workshop (pg 22) and Approved Methods committee.

Centralize administrative functions: Current staffing needs have been fulfilled, however there will be a need for administrative assistance for the accreditation committee in the future, so this objective will remain on the list.

Promote and establish Vet Diagnostic Labs as contributors to food safety, zoonotic disease, water and environmental pathogen detection and bioterrorism initiatives in order to utilize their expertise.

This was discussed at length above and related to the National Animal Health Laboratory Network. Pathology is working on expertise directory for web. Bacteriology developing standard, consensus protocols for select agents. Improved quality systems such as Quality Managers are working on increased credibility in results.

Expand AAVLD income sources in order to establish a strong long-term funding base for the organization and its programs. No action has been taken.

Implement programs to increase pool of individuals interested in pursuing careers in VDL medicine and Increase membership involvement in AAVLD activities in order to accomplish organizational objectives.

On the latter, laboratory directors have been kept informed of national issues to solicit their support when needed. This has lead to more activity among some members. A pathology graduate student travel award was given that encourages careers in VDL by involving graduate students in the AAVLD. CL Davis symposia will also bring more graduate students to the meeting each year for at least this function and introduce them to AAVLD.

Enhance information collection, management and retrieval. No action taken.

Nurture and involve allied groups with AAVLD. Aquaculture involves a number of allied group. AAVLD now has liaisons with APHL and SQA (B. Lawler), CL Davis symposium strengthens pathology part of the meeting and AAVLD is interacting with more agencies this year like FBI, NCI and DHHS.

Pat Blanchard will review notes from this meeting and develop potential action items for future consideration; these will be distributed to the group for review.

Meeting adjourned, 5:00pm.

OFFICE INTERNATIONAL DES EPIZOOTIES (OIE) REPORT

The 70th General Session of the OIE took place in Paris, France from May 26-May 31, 2002.

The U.S. Delegation attending the 70th General Session consisted of the following members:

- Dr. Peter Fernández, Associate Administrator, APHIS, and official delegate to the OIE.U.S. Delegate;
- Dr. Ron DeHaven, Deputy Administrator, Veterinary Services (VS);
- Dr. Alex Thiermann, Coordinator of International Organization Activities, International Services;
- Dr. Michael David, Assistant Director, Sanitary International Standards Team, VS;
- Mr. Robert Frost, President Elect, USAHA; - Dr. Bruce Akey, A AVLD;
- Dr. Lyle Vogel, Science and Technology Liaison, American Veterinary Medical Association.

Over 500 participants, representing 133 countries or territories, 26 regional and international organizations, and 7 non-member observer countries attended the 70th annual General Session. The OIE has been recognized by the World Trade Organization (WTO) as the standard setting body and as such develops and establishes the health standards for the safe trade of animals and animal products. Topics of note are as follows:

A. Technical Items

1. Technical Item I: *The role of veterinarians in the prevention and management of food-borne diseases, in particular at the level of livestock production*, presented by Dr. Andrew McKenzie, Food Assurance Authority, Ministry of Agriculture and Forestry, New Zealand.
2. Technical Item II: Risk Analysis: a decision support tool for the control and prevention of animal diseases, presented by Cristobal Zepeda, US Department of Agriculture, Animal and Plant Health Inspection Service, VS, United States.
3. Technical Item III: FMD diagnostics: requirements for demonstration of freedom from infection, presented by Dr. Paul Kitching, Canadian Food Inspection Agency.

B. Reports of the Commissions and Working Groups

1. Animal Health Code Commission – Chapters presented for adoption

- a. Bluetongue: minor revisions; Classical Swine Fever: adopted updated chapter; Scrapie: adopted chapter with minor changes; Bovine Semen: adopted Chapter with the modification for IBR testing, thus allowing bulls from both IBR affected and IBR negative herds to be able to trade semen.
- b. BSE: includes a change advising countries against the trading of meat-and-bone meal (MBM) with countries that have had indigenous BSE regardless of their risk level.
- c. Zoning and Regionalization: added changes to the definition of buffer and infected zones and will add such definitions to the Definitions Chapter.
- d. Evaluation of Veterinary Services: added the Guideline for the Evaluation of Veterinary Services Appendix.
- e. Foot and mouth disease: accepted the concept of viral activity (FMD infection), but the Article describing how and when a country or zone can regain its lost free status was left for further discussion and development.
- f. Rabies: recommended changes were not adopted.
- g. Porcine Semen: the President asked the International Committee to withdraw this chapter in order that the AHC be able to further review the Chapter.

2. Animal Health Code Commission – Chapters for consideration and future work:

1. Develop definitions on compartmentalization.
2. Establish Ad hoc Working Groups on Animal Welfare and Food Safety.
3. Update and/or establish guidelines for the Code Chapters on avian influenza, FMD, and bovine spongiform encephalopathy.
4. Propose a Code Chapter on BSE in small ruminants.

A request from Canada that the Commission look at developing a Chapter for porcine reproductive and respiratory syndrome (PRRS). *A task for the United State is to recommend experts for the Ad hoc groups on Animal Welfare and Food Safety.*

3. Foot and Mouth Disease (FMD) and other Epizootics Commission will address or recommend addressing:

- a) Find alternative ways for controlling disease and carcass disposal.
- b) Develop a scheme for reporting infection in the absence of clinical disease (particularly as it relates to certain diseases as avian influenza, swine vesicular disease and Rift Valley fever).
- c) Develop guidelines for submitting data for consideration of freedom

from disease (FMD and BSE). d) Review comments from Member Countries on the newly drafted Code Chapter on Rift Valley Fever.

4. Fish Diseases Commission (FDC)

The activities of the FDC for the 2001 included development and updates to the Aquatic Code Chapter, updating model health certificates, and addressing issues such as agreeing to align the disease reporting schemes between the Animal Health Code and Fish Diseases Commissions. Other issues the FDC agreed to address and align with the AHC are: 1) import risk analysis, 2) surveillance, 3) evaluation of official authorities, and 4) certification procedures. The International Committee voted to adopt the updates to the Code chapters of the Aquatic Animal Health Code.

5. Standards Commission.

The activities of the Standards Commission are focused on reviewing and approving the work of the OIE Reference Laboratories, validating and approving new tests for recommended use, and supporting the work of the FMD and AHC commissions. Specific work done by the Standards Commission during the 2001 includes: a) Approving tests for FMD to detect non-structural proteins. b) Developing a list of research needs for high priority diseases such as FMD, Newcastle disease, African Swine Fever, and Rift Valley Fever. c) Updating the list of Reference laboratories and experts.

C. Significant resolutions adopted by the International Committee

Resolution No. XIV: Animal Welfare – Asks the OIE to establish an Ad hoc group to develop principles that can then be applied to different animal welfare standards such as transportation, slaughter and housing.

Resolution No. XV: Food Safety and Zoonoses – Asks OIE to establish an Ad hoc group to look at reducing the public health risks in food from microbiological, chemical and other risk factors at the farm level and prior to slaughter – accomplished by working more closely (strengthening relationships) with the relevant international organizations such as Codex, FAO, and WHO. (Note: discussion on where the mandate of the OIE should stop – to include slaughter or not).

Resolution No. XXI: Outlines recommendations for OIE Reference Laboratories in the training, development and assistance for developing countries that will help improve their control programs.

Resolution No. XXII: As a result of Technical Item I, “The role of veterinarians in the prevention and management of food-borne diseases – in particular at the level of livestock producers”, the International Committee voted on recommendations to have veterinary administrations strengthen relationships with relevant national authorities, and that Codex and OIE work jointly to enhance food safety, and OIE establish a permanent Working Group on food safety.

Resolution No. XXIII: As a result of Technical Item II, “Risk Analysis – a decision support tool for the control and prevention of animal diseases”, the International Committee voted to recommend that OIE be more involved in providing technical assistance to Member Countries, that, through its Collaborating Centers, continue to provide training in risk analysis methodologies, and that it encourage Member countries to be more transparent in its risk assessment approaches.

D. Technical Items for the 71st General Session (May 2003) were selected during the last (69th) General Session:

1. The socio-economic impact of animal diseases.
2. Regionalization as an instrument for preventing the propagation of diseases, including those of camelids.

E. Technical Items for the 72nd General Session (May 2004) were selected at this year’s (70th) General Session:

1. Emerging and re-emerging viral diseases and ways to predict, prevent and control outbreaks (with particular reference to hemorrhagic fevers, avian influenza and rabies).
2. Animal identification and traceability.

F. Regional Commission Meeting of the Americas

The Regional Commission of the Americas met during the morning of May 28, 2002. Highlights were as follows:

1. Nomination and election of Peter Fernandez (USA) to fill the vacancy of First Vice-president for the Regional Commission
2. Choice of future headquarters of the OIE Regional Representation of the Americas. After much debate, it was agreed that Argentina would retain the office until 2003 to allow it to complete its 3-year commitment to funding the office.
5. Request on the part of France for membership in the Regional Commission for the Americas. This request was accepted by the Americas.

Shortened version of document prepared by: Dr. Michael David – June 3, 2002



MILLENNIUM HOTEL
ST. LOUIS



**United States Animal Health Association & American Association of Veterinary Laboratory
Diagnosticians
October 16-25, 2002
\$109.00 Single/Double Occupancy**

Arrival Date: _____ Departure Date: _____

Name: _____ Share With: _____

Address: _____

City: _____ State _____ Zip Code: _____

Phone: (_____) _____ # of Guests in Room: _____

Bedding Request: 1 Bed 2 Beds Smoking Non-Smoking Rollaway (\$25)**

Credit Card for Guarantee: American Express MasterCard Visa Discover Diners Club JCB

Credit Card Number: _____ Expiration Date: _____

Signature for Guarantee: _____

Check In Time: 3:00pm Check Out Time: 12:00pm **Rollaway Beds are not available in rooms with 2 double beds.

If this request is postmarked after **September 25, 2002**, group rate will be provided based upon availability. If group rate is unavailable, reservation will be made at the best available rate.

Bedding and non-smoking requests are based upon availability and are not guaranteed. All rates are subject to applicable state and city taxes, currently totaling 14.866%.

Arrival date and number of room nights reserved require 72 hour advance notice for changes and cancellations. In order to guarantee this reservation, please complete the above credit card information or send a check or money order for your first night's stay.

The Millennium Hotel St. Louis/Four Points by Sheraton St. Louis Downtown is unable to accept direct billing of rooms or incidental accounts unless written arrangements are made prior to arrival.

Special Requests (will be accommodated if possible): _____

MILLENNIUM HOTEL ST. LOUIS
200 SOUTH 4TH STREET * ST. LOUIS, MISSOURI * 63102
PHONE: (314) 241-9500 * RESERVATIONS: (800) 325-7353
RESERVATIONS FAX: (314) 241-9601

FOUR POINTS BY SHERATON ST. LOUIS DOWNTOWN
310 SOUTH 4TH ST * ST. LOUIS, MO 63102

LOCATION: Downtown, across from the Gateway Arch and Busch Stadium, overlooking the Mississippi River and the city skyline. Twenty minutes to Lambert International Airport and five minutes to America's Center.

ACCOMMODATIONS: Featuring 780 guest rooms with either one queen or two double beds in one hotel complex. Twenty-eight suites are also available. All double/doubles are in the Four Points.

RESTAURANTS: Three restaurants and a lounge are available for your enjoyment. Our signature Top of the Riverfront is the only revolving rooftop Restaurant in St. Louis. The Fourth Street Grill offers a breakfast buffet, lunch and dinner service.

RECREATION FACILITIES & ATTRACTIONS: Two swimming pools, game room and exercise room on property. Jogging trails at the Gateway Arch Park, across the street and numerous golf courses are just minutes away. Other nearby attractions include Laclede's Landing, Forest Park Zoo, St. Louis Science Center, Mississippi Riverboat Cruises and Gambling, Union Station and much more.

PARKING: Garage parking is available across the street from the hotel, with direct access via an enclosed walkway. The daily parking charge of \$11.00 for USAHA/AAVLD registrants can be added to your room account.

MAKE YOUR RESERVATION ONLINE: www.millennium-hotels.com, **GROUP CODE: 652**

Go to the website above and choose St. Louis as you destination. Click on Reservations, and Book your Reservation On Line. Enter your dates of stay, and the group code of 652 and the site will lead you through the process.

DIRECTIONS:

- **I-55N and I-44E:** Downtown Exit onto Memorial Drive, north. Left on Market, then sharp left on memorial, south. Right on Spruce, right on 4th Street to hotel.
 - **I-55S and I-64/Hwy 40W:** Cross Poplar St Bridge, exit Memorial Drive, north. Left on Market then sharp left on Memorial, south. Right on Spruce, right on 4th Street to hotel.
 - **I-70E:** Take the Downtown/Pine Street Exit. Go 4 blocks, right on Spruce, right on 4th Street to hotel.
- I-64/Hwy 40E:** Take Broadway (last Missouri) Exit. Left at first stop sign and go 2 blocks to 4th Street. Turn left to hotel entrance.

8/13/02

**2002 TENTATIVE AGENDA
106TH ANNUAL MEETING
UNITED STATES ANIMAL HEALTH ASSOCIATION
And
45TH ANNUAL CONFERENCE OF
AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS**

**USAHA/AAVLD Daily Schedule
ANNOUNCEMENTS**

USAHA/AAVLD HEADQUARTERS HOTEL – The Millennium Hotel St. Louis, Telephone number 1-800-325-7353 or 314-241-9500 for reservations or you can make reservations online at www.millennium-hotels.com and your Group Code is 652.

**USAHA/AAVLD REGISTRATION
Marble Lobby Registration**

Thursday, October 17 – 2:00pm-5:00pm
Friday, October 18 - 12:00noon-5:00pm
Saturday, October 19 - 8:00am-5:00pm
Sunday, October 20 - 8:00am-5:00p

Monday, October 21 - 8:00am-5:00pm
Tuesday, October 22 - 8:00am-5:00pm
Wednesday, October 23 - 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: \$250.00
USAHA Life Member Pre-registration Fee*: \$100.00
USAHA Life Member Registration Fee at Meeting*: \$125.00
Non-Members Registration Fee at Meeting: \$350.00
Spouse's Registration Fee: \$50.00
USAHA Annual Dues - 2003: \$100.00
AAVLD Annual Dues – 2003: \$75.00
AAVLD Graduate Students Registration 2002 - \$100.00
AAVLD Graduate Student Dues 2003 - \$25.00
Prayer Breakfast - \$15.00

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

*Per Bylaws of USAHA, Article III-Members Section g.

AAVLD EXHIBITS/POSTERS

Marble Lobby Registration
Saturday, October 19 – 12:00noon-5:00pm
Sunday, October 20 – 8:00am-3:30pm
Monday, October 21 – 8:00am-1:00pm

AAVLD INFORMATION DESK

Marble Lobby Registration
Friday, October 18 – 2:00-5:00pm
Saturday, October 19 - 8:00am-5:00pm
Sunday, October 20 - 8:00am-5:00pm
Monday, October 21 - 8:00am-12:00noon

BULLETIN BOARD

The Bulletin Board will be located at the registration desk in the Marble 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.

USAHA WORK ROOM

Located in the St. Louis East Room and will be open Friday through Wednesday, 8:00AM-5:00PM for the use of Committee Chairpersons in preparing reports. The workroom is equipped with word processors, typists and a copier.

PRESS ROOM and COMMITTEE REPORT READING ROOM

Located in the Shaw Room. Mr. Larry Mark will be in charge of the Press Room. There will be an area set aside to read committee report.

SPEAKER READY ROOM

Dugout Room open: Friday – 12:00noon-5:00pm, Saturday – 7:00am-5:pm, Sunday – 7:00am-5:00pm, Monday – 7:00am –12:00noon

DAILY EVENTS

THURSDAY – OCTOBER 17, 2002

C.L. Davis Foundation Workshop on Immunohistochemistry— 8:30am-5:00pm; Jefferson A/B Room (separate registration pg 20)

AAVLD Approved Methods Committee – 9:00am-12:00noon; Clark Room.

National Milk Producers Federation – 12:00noon-9:00pm; St. Louis West Room.

AAVLD Validation and Interpretation Workshop – 1:00-6:00pm; Mississippi Ballroom. (separate registration required -see page 21)

AAVLD Long Range Planning – 5:30-7:30pm – Clark Room.

AAVLD Food Safety Committee – 6:30-8:30pm – Field Room

FRIDAY – OCTOBER 18, 2002

AAVLD Financial Advisory Committee - 7:30-8:30am; Soulard Room.
AAVLD Subcommittee on Bacteriology and Mycology - 8:00am-12:00noon; Lewis & Clark Rooms.
AAVLD Publications Committee – 8:00-10:00am; Jefferson A Room.
AAVLD Quality Managers Committee – 8:00-11:00am; Laclede Room.
AAVLD Laboratory Emergency Preparedness ad hoc Workgroup – 8:00-11:00am – Jefferson C Room.
AAVLD Accreditation Committee - 8:00am-12:00noon; Jefferson B Room.
AAVLD Executive Committee - 8:30-10:00am; Soulard Room.
Johne's Working Group – 8:00am-12:00noon; Meramec Ballroom.
Johne's Working Group Symposium – 1:00-6:00pm; Meramec Ballroom.
AAVLD Epidemiology Committee – 10:00am-12:00noon; Field Room.
AAVLD Virology Committee - 1:00-4:00pm; Illinois Ballroom.
AAVLD Subcommittee on Antimicrobial Susceptibility Testing - 1:00-3:00pm; Jefferson D.
AAVLD Executive Board - 1:00-5:00pm; Soulard Room.
ABVT Executive Board – 1:00-2:00pm; Field Room.
AAVLD Informatics Committee - 1:00-3:00pm; Laclede Room.
AAVCT Annual Meeting – 2:00-3:00pm; Field Room.
AAVCT/AAVLD – Veterinary Toxicology Case Presentations – 3:00-4:30pm; Field Room.
AAVLD Enteric Diseases Committee – 3:00-5:00pm; Jefferson D Room.
AAVLD Serology Committee - 4:00-6:00pm; Illinois Ballroom.
AAVLD Editorial Board of JVDI – 4:00-6:00pm; Millenium Boardroom.
AAVLD Constitution and Bylaws Committee – 5:00-6:00pm; Boardroom.
USAHA Allied Industry and Executive Committee - 5:00-6:00pm; Field Room.
USAHA Executive Committee - 6:00-8:00pm; Soulard Room.
AAVLD National Animal Health Laboratory Network and ISU Database - 8:00-10:00pm; Laclede Room.
AAVLD Foundation Committee – 8:00-9:00pm; Boardroom.

SATURDAY – OCTOBER 19, 2002

AAVLD – 1st Plenary Session on Molecular Diagnostics and Microbial Characterization – 8:00-9:45am; Missouri Ballroom.
National Animal Health Emergency Management Steering Committee – 8:00am-5:00pm; Lewis & Clark Rooms.
AAVLD – Molecular Diagnostics Scientific Session – 10:00-11:15am; Missouri Ballroom.
AAVLD – Toxicology Scientific Session – 10:00-11:15am; Jefferson A/B Rooms.
AAVLD – Pathology Scientific Session – 10:00 -11:15am; Mississippi Ballroom.
AAVLD House of Delegates and General Membership – 11:15am-12:00noon; Missouri Ballroom.
AAVLD Exhibits and Poster Session - 12:00noon-5:00pm; South Exhibit Hall.
Feral Swine Committee - 1:00-4:00pm; Jefferson F Room.
AAVLD – Molecular Diagnostics Scientific Session – 1:00-3:00pm; Missouri Ballroom.
AAVLD – Toxicology Scientific Session – 1:00-3:00pm; Jefferson A/B Rooms.
AAVLD – Microbiology Scientific Session – 1:00-3:00pm; Meramec Ballroom.
AAVLD – Avian/Aquaculture Scientific Session – 1:00-3:00pm; Mississippi Ballroom.
AAVLD Administrative Management Personnel Committee - 1:00-5:00pm; Field Room.
American Horse Council Health and Regulatory Committee – 1:00-5:00pm; Atrium C Room.
National Association of Federal Veterinarians – 2:00-5:00pm; Jefferson E Room.
USAHA Public Relations Committee - 3:00-5:00pm; Board Room.
AAVLD Veterinary Analytical Toxicology & Mycotoxins and USAHA Environmental Residues Committee and Case Presentations
– 3:30- 6:30pm; Jefferson A/B Rooms.
AAVLD Diagnostic Bacteriology Case Reports –3:30-6:00pm; Jefferson C Room.
AAVLD Government Relations Committee – 3:30-5:30pm; Millennium Ballroom.
AAVLD Membership Committee – 5:00-6:00pm; Boardroom.
AAVLD Histopathology Slide Seminar - 3:30-6:30pm; Mississippi Ballroom.
AAVLD Laboratory Directors Committee - 5:30-7:30pm; Jefferson E Room.
Board of Directors of the American Assoc. of Food Hygiene Veterinarians - 6:00-10:00pm; Jefferson F Room.
USAHA Program Committee – 6:00-8:30pm; Lewis Room.
AAVLD Bacteriology Steering Committee - 8:00-10:00pm; Atrium C Room.
USAHA Sub-committee on Swine Brucellosis - 8:00-10:00pm; Field Room.

SUNDAY – OCTOBER 20, 2002

Prayer Breakfast – 6:30-8:00am; Meramec Ballroom (extra registration fee required).
AAVLD – Trek Diagnostic Breakfast – 7:00-9:00am; Laclede Room.
USAHA Brucellosis Subcommittee on Education - 8:00am-12:00noon; Soulard Room.
AAVLD Exhibits and Posters - 8:00am-3:30pm; South Exhibit Hall.
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; Jefferson D Room.
National Assembly of Chief Livestock Health Officials Meeting & Luncheon - 8:00am-12:00noon; Missouri Ballroom.
AAVLD Administrative Management Personnel Committee - 8:00am-12:00noon; Lewis Room.
National Cattlemen’s Beef Association - 8:30am-12:00noon; Clark Room.
USAHA Scientific Advisory Sub-Committee on Brucellosis – 9:00am-12:00noon; Atrium C Room.
AAVLD – Microbiology Scientific Session – 8:00am-12:00noon Jefferson A/B Rooms.
AAVLD – Pathology Scientific Session - 8:00am-12:00noon; Illinois Ballroom.
AAVLD – Foreign Animal and Emerging Diseases Scientific Session –8:00-9:45am; Mississippi Ballroom.
AAVLD – Epidemiology Scientific Session –10:15-11:30am; Mississippi Ballroom.
NMPF/Animal Disease Committee - 11:00am-4:00pm; Field Room.
AAVLD Pathology Committee – 12:00noon-1:30pm; Illinois Ballroom.
USAHA Brucellosis Committee - 12:30-5:30pm; Jefferson E Room.
USAHA Food Safety Committee - 12:30-5:30pm; Jefferson D Room.
USAHA Infectious Diseases of Horses Committee - 12:30-5:30pm; Laclede Room.
USAHA Salmonella Committee - 12:30-5:30pm; Jefferson A Room.
APHIS/VS Managers Workshop Conference - 1:00-5:00pm – Mississippi Ballroom.
USAHA Mycoplasma Subcommittee of Poultry – 1:00-5:00pm; Atrium C Room.
AAVLD Laboratory Safety/Waste Disposal Committee – 1:00-5:00pm; Lewis Room.
USAHA/AAVLD Aquaculture Committee – 1:00-5:00pm; Jefferson C Room.
USAHA/AAVLD Animal Health Information Systems Committee – 1:00-5:00pm; Clark Room.
District at Large (Allied, Industry and Regional) - 1:00-3:00pm; Jefferson F Room.
USAHA Scientific Advisory Sub-Committee on TB – 3:30-5:30pm; Jefferson F Room.
USAHA Orientation for New Members – 4:30-5:30pm; Jefferson B Room.
USAHA/AAVLD President’s Reception and Dinner - 5:30-6:45pm; Meramec, Missouri, Illinois Ballrooms.
USAHA/AAVLD General Session and AAVLD and USAHA Awards - 7:00-8:00pm; .Meramec, Missouri, Illinois Ballrooms.

MONDAY – OCTOBER 21, 2002

AAVLD Past Presidents Breakfast - 6:30-8:00am; Laclede Room.
AAVLD Exhibits and Posters - 8:00am-1:00pm; South Exhibit Hall.
USAHA Business Session – 8:00-8:30am; Missouri & Meramec Ballrooms.
USAHA/AAVLD Plenary Scientific Session – 8:30-11:30am; Missouri & Meramec Ballrooms.
The Role of International Standards in Disease Control and Trade and Special Session on Chronic Wasting Disease
AAVLD House of Delegates - 11:30am-12:30pm, Missouri & Meramec Ballrooms.
Spouses Brunch - 9:30-12:00noon; Top of the Tower Restaurant.
State Directors of Meat Inspection – 12:30-5:30pm; Jefferson B Room.
USAHA Animal Welfare Committee – 12:30-5:30pm; Laclede Room.
USAHA Biologics and Biotechnology Committee - 12:30-5:30pm; Jefferson A Room.
USAHA Bluetongue and Bovine Retrovirus Committee - 12:30-5:30pm; Jefferson C Room.
USAHA Foreign and Emerging Diseases Committee - 1:00-5:30pm; Meramec Room.
USAHA Infectious Diseases of Cattle, Bison and Lama Committee - 12:30-5:30pm; Jefferson E Room.
USAHA Johne’s Disease Committee - 12:30-5:30pm; Mississippi Ballroom.
USAHA Sheep and Goat Committee – 12:30-5:30pm; Jefferson D Room.
USAHA Transmissible Diseases of Poultry Committee - 12:30-5:30pm; Lewis & Clark Room.
USAHA Tuberculosis Committee – 12:30-5:30pm; Illinois Ballroom.
AAVLD Committee Chairs and Program Committee – 1:30-4:00pm; Jefferson F Room.
American Association of Avian pathologist Liaison with AVMA – 5:00-7:00pm; Field Room.

TUESDAY, OCTOBER 22, 2002

Northeast Breakfast - 6:30-8:30am; Field Room.
North Central Meeting and Breakfast - 7:00am-12:00noon; Illinois Ballroom.
Southern Animal Health Association Breakfast - 7:00-9:00am; Jefferson B Room.
Western States Livestock Health Association Breakfast and Meeting - 7:00am-12:00noon; Jefferson E Room.
Directors of State Meat Inspection - 8:00am-5:30pm; Jefferson C Room.
USAHA Special Session on Chronic Wasting Disease - 9:00am - Room to be announced
National Scrapie Oversight Committee - 9:00am-3:00pm; Jefferson F Room.
USAHA/AAVLD Board of Directors Luncheon – 12:00noon-1:30pm; Soulard Room.
USAHA Feed Safety Committee – 12:30-5:30pm; Laclede Room.

USAHA Foreign and Emerging Diseases Committee - 12:30-5:30pm; Meramec Room.
USAHA Import-Export Committee – 12:30-5:30pm; Jefferson B Room.
USAHA John's Disease Committee - 12:30-5:30pm; Mississippi Ballroom.
USAHA Livestock Identification Committee – 12:30-5:30pm; Clark Room.
USAHA Pseudorabies Committee – 12:30-5:30pm; Jefferson A Room.
USAHA Public Health and Rabies Committee – 12:30-5:30pm; Jefferson E Room.
USAHA Transmissible Diseases of Poultry Committee –12:30-5:30pm; Lewis Room.
USAHA Wildlife Diseases Committee – 12:30-5:30pm; Field Room.
USAHA Board of Directors – 6:00; Illinois Ballroom.

WEDNESDAY, OCTOBER 23, 2002

USAHA Past President's Breakfast - 7:00-9:00am; Boardroom.
USAHA Captive Wildlife and Alternative Livestock Committee – 7:00am-12:00noon; Jefferson E Room.
USAHA Parasitic Diseases Committee – 7:00am-12:00noon; Jefferson C Room.
USAHA Pharmaceuticals Committee – 7:00am-12:00noon; Field Room.
USAHA Transmissible Diseases of Swine Committee – 7:00am-12:00noon; Jefferson D Room.
USAHA General Session – Scientific Section - 1:00 -3:30pm; Mississippi Ballroom.
Break - 3:30-3:45pm
Business Section – 3:45-4:30pm
USAHA Board of Directors - 5:00pm; Illinois Ballroom.

THURSDAY, OCTOBER 24, 2002

USAHA General Session – Business Section –Report of the Committee on Resolutions- 8:30-9:30am; Mississippi Ballroom.
USAHA Board of Directors - Immediately following the General Session; Illinois Ballroom.
USAHA Executive Committee Luncheon - 10:30am-12:00noon; Boardroom.
National Association of State Public Health Veterinarians, Rabies Compendium Committee – 12:00noon-5:00pm; Atrium C Room.

FRIDAY, OCTOBER 25, 2002

National Association of State Public Health Veterinarians, Rabies Compendium Committee – 8:00am-5:00pm; Atrium C Room.

SYMPOSIA ANNOUNCEMENTS

CL Davis Symposium: Diagnostic Immunohistochemistry

The Charles Louis Davis DVM Foundation will be conducting an eight-hour continuing education symposium entitled “Diagnostic Immunohistochemistry” on October 17, 2002. Course Director Matti Kiupel of Michigan State University, and faculty members Peter Moore (Univ. of CA, Davis) and Jose Ramos-Vara (University of Missouri) will discuss many facets of the employment of immunohistochemistry by the diagnostic pathologist. Topics that will be covered include: Cost-effectiveness, methods, problems and standardization, and the use of immunohistochemistry in the diagnosis of soft tissue neoplasms, neuroendocrine neoplasms, round cell tumors and leukemias, infectious diseases, and the employment and interpretation of proliferation markers. Didactic lectures will be combined with audience participation to result in an engrossing day-long seminar.

Don't miss out on what promises to be another exciting C.L. Davis/AAVLD co-sponsored symposium.

Tuition of \$125 includes refreshments, syllabus, and continuing education credits.

Please Pre-register to guarantee receipt of written materials.

Additional information and registration materials are available at the CL Davis Foundation Web site: <http://www.afip.org/CLDavis>

SYMPOSIA ANNOUNCEMENTS

Workshop on Validation and Interpretation of Diagnostic Tests

2002 Annual Meeting of the AAVLD, St. Louis, MO

Thursday, October 17^h, 2002, from 1 to 6 p.m.

Tentative Program

Part I (115 minutes) (Mark Thurmond, Francois Elvinger, Wes Johnson, Jeff Zimmerman)

- Introduction to the subject of test validation
- Impact of false diagnoses on health related decision-making: financial, legal implications
- Characteristics of tests, interpretation
- Procedures, problems (lack of gold standards) and costs of test validation (Se/Sp, target populations, precision, accuracy, predictive value, sample size)

In part I, we plan to demonstrate the necessity of validation from the point of view of our ethical obligations, the need for scientific foundations in our clinical decision-making process and potential economic impact and legal implications of sending out a result based on flawed validation process.

Part II (90 minutes)

- Validation of diagnostic procedures in bacteriology (Patrick McDonough)
- Validation of diagnostic procedures in toxicology (Frank Ross)
- Validation of molecular based diagnostic procedures (Sharon Hietala, Richard Oberst)

In part II, we will discuss less well defined areas than the procedures for validation of serologic tests, like determination of sensitivity of bacteriologic culture, definition of lower (deficiency) and upper (toxicosis) bounds of normal ranges in toxicology and chemistry, or how much testing is needed to set specificity of PCR tests.

Part III (65 minutes)

- Input from AOAC (Anita Mishra-Szymanski), CVB (Louise Henderson), OIE (Jim Pearson)
- Approved Methods Committee update (Barbara Martin)
- General Discussion

Organizer: AAVLD Epidemiology committee. Corporate Sponsors: VMRD, IDEXX, Cepheid.

Attendees who pre-register will receive a workbook, those that register at the door will receive workbook based on availability.

REGISTRATION FORM FOR AAVLD VALIDATION WORKSHOP

Name: _____ Email: _____

Phone: _____ FAX: _____

Address: _____

City/State/Country/ Zip code: _____

**REGISTRATION FEE: \$ 20.00 make checks or payable to AAVLD or pay by Master Card or Visa
Deadline to guarantee availability of workbook is October 1.**

Payments should be in USD by check, VISA, Master Charge or international money order

Please send payments to: AAVLD, PO Box 1770, Davis, CA 95617 USA or Fax: 530-752-5680

Credit Card Payment information:

Card No. _____ Visa _____ M/C _____

Expiration Date _____ Signature: _____

ANNUAL MEETING COMMITTEE AGENDAS

AAVLD Committee Chairs and Program Committee

Terry McElwain and Willie Reed, co-chairs. Monday, October 21, 2002, 1:30-4:00pm, Jefferson F Room

1. Critique of 2002 meeting: scientific sessions, future plenary sessionS; facilities, equipment; best practices, things to avoid.
2. Committee chairs updates:
 - a. key committee actions items for coming year
 - b. tentative 2003 symposia topics
 - c. Changes in facility needs (room size, location, etc) and meeting times
 - d. Items for Executive board action

AAVLD/USAHA Animal Health Information Systems Committee

Bruce Akey and Francois Elvinger, co-chairs. Sunday, October 20, 2002, 1:00-5:00pm, Clark Room

1. Report on 2001 Meeting resolutions
2. NAHRS Update
3. National Animal Health Laboratory Network (NAHLN)
4. Concepts for A National Surveillance System
5. NVSL Lab Information Management System Development
6. Integration of Laboratory Data into the USDA's Emergency Management Records System (EMRS)
7. Safeguarding Review Information Systems Implementation
8. FMD Modeling Workshop and Tripartite Surveillance Discussion

AAVLD/USAHA Aquaculture Committee

Randy White and Scott LaPatra, co-chairs. Sunday, October 20, 2002, 1:00-5:00pm, Jefferson C Room

1. Update on the National Aquatic Animal Health Plan (John Clifford, or Kevin Amos)
2. Update from APHIS (Otis Miller)
3. Update from AVMA ASAC (Dave Scarfe or chairperson)
4. Update from FHS/AFS (Scott LaPatra or president)
5. Regional US report updates
6. Other organizational updates (TBA)
7. Suggestion for email discussions for the upcoming year
8. Introduction of draft resolutions
9. Other items from the membership
10. Review of last year's resolutions passed by this committee (progress reports of actions taken)

Administrative, Management, Personnel Committee

Linda Henrickson, chair. Saturday, October 19, 1:00-5:00pm, Field Room & Sunday, October 20, 2002, 8:00am-12:00 noon, Lewis Room

1. Tour of Missouri Lab – travel to Columbia, MO
2. ISO requirements and SOPs
3. Security measures
4. International faculty/staff
5. Workload tallies/tests
6. Personnel evaluations/relation to pay increases
7. Presentation on ISO 17025 workshop, June, 2002
8. Presentation on upgrades to Arkansas diagnostic lab; Presentation on Guelph laboratory; Presentation on Cornell laboratory
9. Other topics as requested

Approved Methods Committee

Barbara Martin and James Pearson, co-chairs. Thursday, October 17, 2002, 9:00am-12:00 noon, Clark Room

- 9:00-9:15: Overview of charge and terms surrounding test validation and approved methods (Barb Martin)
- 9:15-9:45: The OIE Perspective of methods approval (Jim Pearson)
- 9:45-10:30: An overview of AOAC's e-CAM and methods validation (Anita Mishra Szymanski)
- 10:30-11:00: Collaborative work on methods validation between USDA-FSIS, FDA, AOAC (Patrick McCaskey)
- 11:00-11:20: USDA, APHIS, VS validation criteria (Barb Martin)
- 11:20-11:30: USDA, ARS and test validation (David Huxsoll)
- 11:30-12:00: Discussion and goals for 2003

Bacteriology Steering Committee

Melissa Libal and Carol Maddox, co-chairs. Saturday, October 19, 2002, 8:00-10:00pm, Atrium C Room

1. Reports from the Subcommittees:
 - a. Bacteriology/Mycology
 - b. Antimicrobial Susceptibility Testing
2. Minimal Standards for Detection and Identification Select Agents
3. National Animal Health Laboratory Network Update vs. AP
4. Program for bringing in outside speakers for CE
5. Election of new co-chair

Bacteriology and Mycology subcommittee

Brenda Love and Bill Fales, co-chairs. Friday, October 18, 2002, 8:00am-12:00 noon, Lewis & Clark Rooms

1. Anaerobic susceptibility testing (Jenny Lorbach, Trek Diagnostics)
2. National Animal Health Laboratory Network concept (Carol Maddox/Mitzi Libal)
3. Standardization of protocols for identification of Select Agents(Carol Maddox/Mitzi Libal)
4. USDA Veterinary Permit for Importation of Agents (Thomas Bunn)
5. Internal Quality Assurance Survey (Brenda Love/Bill Fales)

Antimicrobial Susceptibility Testing subcommittee

Ching Ching Wu and Deep Tewari, co-chair. Friday, October 18, 2002, 1:00-3:00pm, Jefferson D Room

1. New NCCLS antimicrobial susceptibility testing documents
2. Update on antimicrobial surveillance program in Veterinary laboratories
3. Veterinary applications for Anaerobe susceptibility testing
4. General business/open forum

Enteric Diseases Committee

Chobi DebRoy, Chair. Friday, October 18, 2002, 3:00-5:00pm, Jefferson D Room

1. Escherichia coli O157 in feedlot cattle-Dr. Rod Moxley, University of Nebraska-Lincoln
2. Attaching and effacing E. coli in Avian Species-Dr. Shivaprasad, UC Davis
3. Diagnostic performance of a new group A rotavirus antigen-capture ELISA-Dr. Kyoung-Jin Yoon, Iowa State University
4. Bacterial DNA sequence polymorphisms for enteric bacterial diagnosis, detection and identification-Dr. Will Laegreid, U.S. Meat Animal Research Center, Clay Center, Nebraska

Epidemiology Committee

Mark Thurmond and Francois Elvinger, co-chairs. Friday, October 18, 2002, 10:00am-12:00 noon, Field Room

1. Introduction
2. Report of 2001/2002 activities and workshop.
3. Epidemiology input in 2002 AAVLD scientific sessions
4. Concepts of surveillance and support of surveillance.
5. Contributions to surveillance by diagnostic laboratories
6. Other business and conclusion.

Food Safety Committee

Richard Oberst, chair. Thursday, October 17, 2002, 6:30-8:30pm, Field Room

1. Programs at selected diagnostic facilities that have advanced food safety testing objectives or implemented new programs:
 - a. Dr. Lanny Pace, Executive Director of the Mississippi Veterinary Diagnostic Laboratory, will describe food safety program recently instituted at Mississippi State University.
 - b. Other speakers are being solicited to update the committee on examples of how other veterinary diagnostic facilities are addressing food safety.
2. Validation of Food testing protocols- eCAM and Approved Methods committee update

Foundation Committee

Barbara Powers, chair. Friday, October 18, 2002, 8:00-9:00pm, Boardroom

1. Changes to agenda
2. Treasurer's report
3. Committee make-up
4. Best JVDI manuscript
5. Foundation donor form
6. Funding of future Graduate Travel Awards
7. Other

Government Relations Committee

Bruce Akey, chair. Saturday, October 19, 2002, 3:30-5:30pm, Millennium Ballroom

1. National Animal Health Laboratory Network - progress and plans
2. VDL's and the Public Health Laboratory Response Network
3. Department of Homeland Security - makeup and potential impacts
4. CDC/USDA Select Agent registration - zoonotic agents?
5. Federal Funding Initiatives - Homeland Security 2003 and beyond.
6. Animal Health Safeguarding Review - future impacts
7. AAVLD Stature with Federal Agencies

Informatics Committee

James Case, Chair. Friday, October 18, 2002, 1:00-3:00pm, Laclede Room

1. Informatics issues related to the NAHLN

Laboratory Directors Meeting

Gary Osweiler and Beverly Byrum, co-chairs. Saturday, October 19, 2002, 5:30-7:30pm, Jefferson E Room

1. Animal Diagnostic Initiative to Enhance Homeland Biosecurity-Dr. William C. Wagner, CSREES
2. The National Animal Health Laboratory Network – A Partner in Homeland Biosecurity-Dr. Pat Blanchard, President AAVLD
3. National Veterinary Services Laboratories Review and Perspectives on the AAVLD/NVSL Memorandum of Understanding-Dr. Randall Levings, Director NVSL
4. Quality Assurance/Quality Management: A new era in AAVLD-Dr. Monte Reimers, Chair AAVLD QA Committee, Michigan State University
5. Working With Congress and Interfacing with Federal Agencies-Dr. Dean Goeldner, AVMA

Laboratory Safety and Waste Disposal Committee

Larry Thompson and Beth Henricson, co-chairs. Sunday, October 20, 2002, 1:00-5:00pm, Lewis Room

- 1:00 Committee business, once around of member laboratory concerns, shipping of biological agents.
- 2:00-4:00 Review of safety concerns when working with suspect TSEs in a diagnostic laboratory setting. This will be a roundtable discussion with members of the Pathology Committee and others.
- 4:00-5:00 Continuation of above discussion if needed. Review of disposal options and concerns for suspect TSE material.

Long Range Planning Committee

Thursday, October 17, 2002, 5:30-7:30pm, Clark Room

1. Identify potential new directions and roles for AAVLD
2. Review the current committee structure and their primary objectives/ functions, identify critical current and future areas that are not being addressed
3. Recommendations to the executive board to meet the changing needs in diagnostic medicine.

Membership Committee

Willie Reed and Richard Mock, co- chairs. Saturday, October 19, 2002, 5:00-6:00pm, Boardroom

1. Review of membership statistics
2. New member welcome letters
3. Action on new member orientation
4. Notice to delinquent members for 2002
5. Action on recruitment and involvement of graduate students

National Animal Health Laboratory Network and ISU Resource Database Informal Meeting

Pat Blanchard, chair. Friday, October 18, 2002, 8:00-10:00pm, Laclede Room

1. Updates on AAVLD committee activities related to goals of NAHLN- 15 minutes, Pat Blanchard
2. Update on ISU Resource database - Gary Osweiler, 30 minutes
3. Incident command system and READEO structure-- How laboratories fit in- Dr. Joe Anelli, USDA, VS, EP, 30 minutes
4. Working with the FBI in suspected terrorism event-- Doug Anders, FBI, 30 minutes (transport of samples, chain of custody, standardized protocols, notification of event, decontamination/containment, vet laboratory expertise information)

Pathology Committee

Paige Carmichael, chair. Sunday, October 20, 2002, 12:00 noon-1:30pm, Illinois Ballroom

1. Report from the C.L. Davis conference
2. Histopathology Slide conference
 - a. Report from coordinators
 - b. Selection of new co-chair
3. Report on Pathology Trainee Travel Award
4. QA/QC Standardization and validation protocols
 - a. Immunohistochemistry
 - b. Second opinions
5. Necropsy room precaution guidelines (West Nile virus, spongiform encephalopathies)
6. Election of a new Pathology chairperson

Publications Committee

David Steffen, chair. Friday, October 18, 2002, 8:00-10:00am, Jefferson A Room

1. Update from JVDI (Kreeger)
2. Web Publications Update (Osweiler, Berghef)
3. Newsletter update, Editor selection/recruitment
4. Abstracts, and other publications

Quality Managers Committee

Monte Reimers, chair. Friday, October 18, 2002, 8:00-11:00am, Laclede Room

1. Summary of past year's activities
2. Mission statement
3. Accreditation Committee feedback on quality manual template
4. Proposal and discussion of revisions based on 3.
5. ISO/OIE/agency/regulatory updates
6. Member laboratory QA training needs
7. Society of Quality Assurance and other QA organization memberships
8. Provision of QA updates, newsletters, bulletins or other tools which QA Committee members can obtain and share with other members to help keep all AAVLD member labs QA-current
9. Member laboratories' management QA commitment
10. Planning of activities
11. Other business
12. Adjournment

Serology Committee

Peter Wright, chair. Friday, October 18, 2002, 4:00-6:00pm, Illinois Ballroom

1. 2001 Meeting Minutes and 2002 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. Role of the Serology Lab – Past, Present and Future
 - Foreign animal disease threats
 - Prevention, preparedness, response & recovery
 - Evolving roles

Veterinary Analytical Toxicology & Mycotoxin and USAHA Environmental Committees

Dr. George Rottinghaus, Chair. Saturday, October 19, 2002, 3:30-6:30pm, Jefferson A/B Rooms

1. Election of new members of the steering committee. The following individual terms expire this year (Gavin Meerdink., Bill Brewer, Steve Hooser, and Dwayne Hamer).
2. Update on the AAVLD/AAVCT/AOAC toxicology harmonization of analytical methods and their addition to the Iowa State database/search engine by Dr. Catherine Barr (Texas A & M University).
3. Report on the mare reproductive loss syndrome in Kentucky for 2002 by Dr. Lenn Harrison (University of Kentucky).
4. Report on the round-robin selenium study conducted this year by Dr. Merl Raisbeck (University of Wyoming).
5. Mycotoxin discussions Dr. Robert Poppenga (New Bolton Center) and Dr. George Rottinghaus (University of Missouri).
6. Environmental residue issues, Dr. Gavin Meerdink (University of Illinois).

Virology Committee

Fernando Osorio and Dave Benfield, co-chairs. Friday, October 18, 2002, 1:00-4:00pm, Illinois Ballroom

1. Call to Order and Welcome - Fernando Osorio and Dave Benfield, Co-chairs
2. Veterinary Virology and Homeland Security - Roger Breeze, USDA-ARS
3. News from NVSL/DV - Bev Schmitt, NVSL
4. Detection of PRRSV in Semen - Jane Christopher-Hennings, South Dakota State University
5. Commercial Adaptation of PCR for PRRSV - Johnny Callahan, Tetracore
6. Diagnosis of BVDV - Ed Dubovi
7. Establishment of Minimal Standards for Virology Laboratories Relative to AAVLD Accreditation - Fernando Osorio
8. Additional Business

Laboratory Emergency Preparedness ad hoc Working group (new group)

John Andrews, chair. Friday, October 18, 2002, 8:00am - 11:00 am, Jefferson C

1. Develop emergency preparedness guidelines (checklists) for laboratories

Diagnostic Bacteriology Case Reports

Saturday, October 19, 2002, 3:30pm - 6:00pm, Jefferson C

1. Foul Brood; The disease and it's etiology- Val Patten, Cornell University
2. Pathogenic leptospire detection in dog urine with a PCR-based 5' nuclease (TaqMan) assay- Richard Oberst, Kansas State University
3. Update on MRLA- Mike Donahue, University of Kentucky
4. Bovine valvular endocarditis associated with Helcococcus ovis- Karen Post, Rollins Animal Disease Lab
5. Real-time PCR detection of Bacillus anthracis- Deep Tewari, PA Dept of Agriculture
6. Streptococcus equi phenotyping Carol Maddox, University of Illinois

There is still room for more case reports. Please contact MLIBAL@tvmdl.tamu.edu with the title of your case report for this session.

SCIENTIFIC SESSIONS

45th ANNUAL Meeting

AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS

First Plenary Session

Saturday, October 19, 2002

8:00 AM – 9:45 AM

Molecular Diagnostics and Microbial Characterization

Moderator: Terry McElwain

- 8:00 AM Welcome and Announcements
8:05 AM Molecular characterization and typing of anthrax isolates – Kimothy Smith
8:45 AM Application of DNA microarrays in diagnostic medicine and molecular epidemiology – Doug Call
9:15 AM Diagnostic surveillance for Foreign Animal Diseases: An in silico assay model developed using real-time PCR for BVD virus – Sharon Heitala
9:45 AM- 10:00 AM Break

Molecular Diagnostics Scientific Session

Saturday, October 19, 2002

10:00 AM – 11:15 AM

Moderators: S. Hietala, T. Besser

- 10:00 AM Use of RNA mimics for quality control in diagnostic RT-PCR - SB Kleiboeker, SK Schommer, SJ Troxell
10:15 AM Multiplex, molecular test for the detection of canine ehrlichiosis pathogens - **KR Sirigireddy***, RR Ganta
10:30 AM Validation of a nested PCR for the detection of *Cowdria ruminantium* in cattle- JV Warg, T Gidlewski, RL Crom, BJ Schmitt, SL Swenson, JB Pithan
10:45 AM Detection and molecular characterization of bovine Norwalk-like viruses in diarrheic stools collected from Michigan and Wisconsin dairy calves - AG Wise, L Hanson, D. Grooms, R Maes
11:00 AM Nested multiplex RT-PCR for detection and differentiation of West Nile virus and eastern equine encephalitis in tissue samples - DJ Johnson, EN Ostlund, BJ Schmitt
11:15 AM AAVLD House of Delegates

Pathology Scientific Session

Saturday, October 19, 2002

10:00 AM – 11:15 AM

Moderators: D. Steffen, W. Reed

- 10:00 AM Immune nodules, preemption, and adverse reactions : A diagnostician's approach to vaccine wrecks – D O'Toole, L Steadman
10:15 AM Extrapulmonary lymphomatoid granulomatosis in a cat - DG Rogers, VA Aliano
10:30 AM Rectal biopsy diagnosis of intestinal T-cell lymphosarcoma in horses – T Mullaney, B Steficek, M Kiupele, V Gerber, H Schott
10:45 AM Cirrhosis and severe hepatic iron overload in two Dik-Diks (*Madoqua* sp.) - JC Nietfeld, GA Kennedy, JR Corbett, M Malone
11:00 AM Emaciation-reproductive failure due to renal amyloidosis-glomerulosclerosis in adult commercial rabbits – D O'Toole, KC Meehan, H Mazzaccaro, J Settlemire, K Mills, J Cavender, MF Raisbeck
11:15 AM AAVLD House of Delegates

Toxicology Scientific Session
Saturday, October 19, 2002
10:00 AM – 11:00 AM

Moderators: C. Barr, T. Talcott

- 10:00 AM Multiresidue insecticide screen as a diagnostic tool in phorate toxicosis - ER Tor, FD Galey, B Puschner
10:15 AM Screening and confirmation of ionophores in feed samples by LC/MS-MS - ER Tor, WE Whitehead, B Puschner
10:30 AM Detection of domoic acid by LC/MS in urine and serum of sea otters and California sea lions - B Puschner, E Tor, J St.Leger, M Miller, D Jessup, W Whitehead
10:45 AM Tizanidine Toxicosis in Dogs: Retrospective Study of 32 Cases - SM Gwaltney-Brant, JA Richardson
11:15 AM **AAVLD House of Delegates**

Molecular Diagnostics Scientific Session
Saturday, October 19, 2002
1:00 PM – 3:00 PM

Moderators: S. Hietala, T. Besser

- 1:00 PM Detection of Influenza A virus in clinical samples by TaqMan® Reverse Transcriptase Polymerase chain reaction - ML Gramer*, KS Faaberg, KD Rossow, JE Collins, SM Goyal, and CE Mahlum
1:15 PM Swine Influenza Virus: Significance of genetic difference of the H3 hemagglutinin for vaccination strategy in a large production system – TA Bridgeman, MD Titus, RR Simonson
1:30 PM Real-Time PCR: Detection of West Nile Virus from Equine and Avian tissues - D Tewari, B Russo, H Kim, H Acland
1:45 PM A Simplified Multiplex RT-PCR Assay for the differentiation between North American, European, and vaccine strains of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) - P Laski, C Maddox, G Scherba*
2:00 PM Discriminating between PRRSV isolates and vaccine with quantitative, real-time RT-PCR - DL Carlson, Y Fang, E Nelson, J Christopher-Hennings
2:15 PM Epigenetic DNA modifications that inhibit genomic characterization of *Salmonella enterica* strain variation - J Guard-Petter, C Morales
2:30 PM Development of a highly specific and sensitive polymerase chain reaction to confirm *Mycobacterium avium* subsp. *paratuberculosis* in culture - Y Chang, SJ Shin, C Huang, J Zhu1, L Huang, HS Yoo, K Shin, S Stehman, SJ Shin
2:45 PM Comparison of two DNA extractions and nested PCR, real-time PCR, a new commercial PCR assay and bacterial culture for detection of *Mycobacterium avium* subsp. *paratuberculosis* in bovine feces - J Skaare*, Y Fang, M Dammen, S Weeks, W Epperson, S Singh, G Steinlicht, J Larsen, J Payeur, E Nelson, J Christopher-Hennings

Toxicology Scientific Session
Saturday, October 19, 2002
1:00 PM – 2:30 PM

Moderators: C. Barr, T. Talcott

- 1:00 PM Probable flame-retardant toxicity in American Pit Bulls – WK Rumbelha*, WE Braselton, R Hostetter
1:15 PM *Lepiota* mushroom toxicity in a Scottish Terrier – WK Rumbelha, S Williams, H Hallen, B Yamini
1:30 PM Cyanide toxicosis in goats exposed to *Heteromeles arbutifolia* - J Tegzes, B Puschner, R Moeller, H Vanderpoel
1:45 PM *Sesbania vesicaria* Poisoning in a Group of Gilts - JC Reagor, PA Harms, JK Lacey, AC Barr, DD Magee
2:00 PM Small Intestinal Hemorrhage Associated with *Harmonia axyridis* (Asian Ladybeetle) Ingestion in a Dog - **M Hoenerhoff***, WK Rumbelha, JS Patterson, T Thorpe
2:15 PM Zinc Phosphide Intoxication of Wild Turkeys (*Meleagris gallopavo*) - R Poppenga, A Zeigler, D Singletary, P Miller, M Walter

Microbiology Scientific Session
Saturday, October 19, 2002
1:00 PM – 2:45 PM

Moderators: L. Hoffman, B. Love

- 1:00 PM Serodiagnosis of swine *Actinobacillus pleuropneumoniae*: Evaluation of an indirect ELISA in comparison with complement fixation test - M Ameri-Mahabadi*, E-M Zhou
1:15 PM Performance characteristics of a new IDEXX HerdChek* Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) antibody kit - K Prouty, JC Lawrence, SJ Rodgers, J Shoberg
1:30 PM Development of a pen-side diagnostic assay for Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) based on detection of antibody to the viral nucleocapsid protein - K-Y Jang, NK Shin, SB Kleiboeker, Y-S Lyoo, J-H Sur, J-M Kang
1:45 PM Unique Porcine Reproductive and Respiratory Syndrome (PRRSv) sequences identified in four Minnesota swine herds - MF Mohr, KD Rossow
2:00 PM Monitoring serologic responses in finishing pigs to Swine Influenza Virus vaccine using hemagglutination inhibition and ELISA techniques - T Jackson, G Erickson, M Battrell, K-J Yoon
2:15 PM Bovine Viral Diarrhea Virus (BVDV) infections of calves after exposure to persistently infected calves with BVDV subtype 1b - RW Fulton, RE Briggs, JF Ridpath, JT Saliki, AW Confer, D Walker, DL Step, LJ Burge, GE Duff, ME Payton
2:30 PM Diseases associated with bovine viral diarrhea virus in captive elk - H Van Campen, J Goldy, J Ridpath, G Mason, B Powers

Avian/Aquaculture Scientific Session
Saturday, October 19, 2002
1:00 PM – 3:00 PM

Moderators: H. Shivaprasad, S. LaPatra

- 1:00 PM Epidemiologic investigation of Infectious Laryngotracheitis in Michigan chickens via restriction pattern analysis - RM Fulton, R Maes, C Han
- 1:15 PM Histopathologic correlates of respiratory disease in Alabama broilers: 1997-2001 - FJ Hoerr, SB Lockaby, TF Kelly, F Van Sambeek, J Cline, L Li
- 1:30 PM Results of a *Salmonella* survey from poultry products, poultry and its environment - S Dhillon, LH Lauerman, D Schaberg, D Bandli, S Weber, F Wier
- 1:45 PM High mortality associated with *Salmonella arizonae* in turkey poult - HL Shivaprasad, R Crespo, RP Chin, G Senties-Cue
- 2:00 PM Disseminated *Haemoproteus lophortyx* infection in bobwhite quail - HL Shivaprasad, B Johnson, M Anderson, L Woods, RP Chin, B Barr, G Senties-Cue
- 2:15 PM Flow cytometry as a tool to quantify the oyster phagocytosis, respiratory burst and apoptosis - M Goedken, S De Guise
- 2:30 PM Detection of a herpesvirus and an iridovirus associated with disease in cultured shortnose sturgeon, *Acipenser brevirostrum*, on the Atlantic coast of Canada - SE LaPatra, I Keith, B Hogans, D Groman, JM Groff
- 2:45 PM Characterization of a Piscirickettsiosis-like disease in Hawaiian tilapia - MJ Mael, DL Miller, K Frazier, A Liggett, E Styer

Pathology Scientific Session
Sunday, October 20, 2002
8:00 AM – 12:00 PM

Moderators: T. Baszler, J. Adaska

- 8:00 AM Severe congenital status spongiosus in calves is not unique to maple syrup urine disease - D O'Toole, J Dennis, L Steadman, T Bottiglieri, WC Russell
- 8:15 AM A method for detection of scrapie in sheep brain - JQ Tian, L Smith, M Kumar, S Chu
- 8:30 AM A comparison of ear notch immunohistochemistry, ear notch antigen capture ELISA test, and virus isolation for the detection of calves persistently infected with Bovine Viral Diarrhea Virus - T Cornish, D O'Toole, A van Olphen, L Woodard, D Miller, J Cavender
- 8:45 AM Epizootic Bovine Abortion: Identification of a bacterium in fetal tissues by histochemical and immunohistochemical staining procedures - ML Anderson, PC Kennedy, MT Blanchard, L Barbano, P Chiu, RL Walker, RW Nordhausen, MH Stillian, MR Hall, DP King, JL Stott
- 9:00 AM Aerosol delivery of virulent *Mycobacterium bovis* to cattle - MV Palmer, W Ray Waters, DL Whipple
- 9:15 AM Experimental aerosol inoculation of *Mycobacterium bovis* into North American Opossums - SD Fitzgerald, LS Zwick, KL Butler, DE Berry, SV Church, JG Sikarskie, JB Kaneene, WM Reed
- 9:30 AM Comparison of experimental models for *Streptococcus suis* infection of conventional pigs - FJ Pallarés, PG Halbur, C Schmitt, T Opriessnig, J Kinyon, D Murphy, D Frank, L Hoffman
- 9:45 AM Break
- 10:15 AM Malignant catarrhal fever in reindeer (*Rangifer tarandus*) - M Kiupel, A Wise, P Walker, T Marshall, S Bolin, R Maes
- 10:30 AM Detection of papillomavirus-DNA in mesenchymal tumor cells and not in the hyperplastic epithelium of feline sarcoids - CV Löhner*, JP Teifke, BA Kidney, JA Yager
- 10:45 AM Abortions and ulcerative posthitis in goats associated with caprine herpes virus infection in California - FA Uzal, L Woods, M Stillian, R Nordhausen, D Read, H Van Kampen, J Odani, S Hietala

- 11:00 AM Pathology of Vesicular Stomatitis Virus New Jersey serotype infection in domestic pigs experimentally transmitted by Black Flies - EW Howerth, DG Mead, MD Murphy, DE Stallknecht
- 11:15 AM Vaccine induced immune stimulation and PCV2-infection in conventional pigs - T Opriessnig, PG Halbur, F Pallares, R Evans, M Fenaux, X-J Meng
- 11:30 AM Elimination of persistent bovine viral diarrhea virus infection in a beef cattle herd - MA Miller, JA Ramos-Vara, SB Kleiboeker, SE Turnquist, KS Rosenkrans, RL Larson
- 11:45 AM Bovine Viral Diarrhea Virus (BVDV) persistently infected (PI) calves: Response to vaccinations and diagnoses at necropsy - RW Fulton, DL Step, JF Ridpath, JT Saliki, AW Confer, BJ Johnson, RD Welsh, LJ Burge, RV Hawley, ME Payton

Microbiology Scientific Session
Sunday, October 20, 2002
8:00 AM – 12:00 PM

Moderators: M. Libal, C. Reggiardo

- 8:00 AM Isolation of a new mycoplasma species from the tissues of an Oriental White-backed Vulture (*Gyps bengalensis*) in Pakistan - JL Oaks, SL Donahoe, BA Rideout, M Gilbert, MZ Virani, R Watson, AA Khan
- 8:15 AM An improved PCR for mycoplasma detection - P Laski, S Lanka, K Englehart, A Stevenson, G Scherba, C Maddox*
- 8:30 AM Growth inhibition of *E. coli* O157:H7 and Shiga-toxin producing strains by *Escherichia coli* strains isolated from humans – C DebRoy, J Schirk, R Roberts, B Jayarao
- 8:45 AM Colonization patterns of novel pathogenic *Escherichia coli* in neonatal pigs - **J Pritchard***, M Ngeleka, DM Middleton
- 9:00 AM Cloning and molecular characterization of an immunogenic LIG130 of *Leptospira interrogans* - RUM Palaniappan, Y-F Chang, SSD Jusuf, S Artiushin, JF Timoney, SP McDonough, SC Barr, TJ Divers, KW Simpson, PL McDonough, HO Mohammed
- 9:15 AM Comparison of Sensititre and Biolog automated systems for identification of pathogenic bacteria isolated from animals - TJ Inzana, D Jones
- 9:30 AM *Erysipelas*: Genetic characterization of recent field isolates - T Opriessnig, S Gaul, LJ Hoffman, DL Harris, PG Halbur

9:45 AM-10:15 AM Break

- 10:15 AM Emergence of highly multidrug-resistant *Salmonella* Newport infections (Newport MDR-AmpC) – J Nunnery
- 10:30 AM Evaluation of tests for detection of Paratuberculosis (PTB) in young cattle: A cohort study – MC Antognoli*, MD Salman, H Hirst, G Goodell, D Hyatt, BM Martin
- 10:45 AM Assessing commercially available Johne’s disease detection assays validated for use in cattle for their potential use with other ruminant species - TA Kirkbride*, M Salman, J Rhyhan, D Miller, B Martin, B Manning (Tentative)
- 11:00 AM Comparison of an interferon gamma assay and the comparative cervical skin test for diagnosis of tuberculosis in cattle naturally infected with *Mycobacterium bovis* - DL Whipple, WR Waters, MV Palmer
- 11:15 AM Association of *Clostridium difficile* with bovine neonatal diarrhea - **MC Porter***, C Reggiardo, RD Glock, DM Bueschel, MK Keel, JG Songer
- 11:30 AM Detection of *Clostridium difficile* in sows and the farrowing-house environment - JG Songer, R Jones, KW Post
- 11:45 AM Evaluation of a Japanese quail fibrosarcoma cell line (QT-35) for use in the propagation, titration and serologic detection of avian metapneumoviruses – M Sabara, J Larence, P Wright

Foreign Animal and Emerging Diseases Scientific Session
Sunday, October 20, 2002
8:00 AM – 9:45 AM

Moderators: F. Elvinger, M. Thurmond

- 8:00 AM Foreign animal disease surveillance: Structure and function to maximize diagnostic performance - MC Thurmond, SK Hietala, AA Ardans
- 8:15 AM Improving detection of new and emerging diseases of livestock in Great Britain – R Hancock
- 8:30 AM Serology for FMD in the UK – Capacity, quality and critical success factors – A Soldan
- 8:45 AM Biological transmission of Vesicular Stomatitis Virus, New Jersey serotype, to domestic pigs by black flies - DG Mead, MD Murphy, EW Howerth, DE Stallknecht
- 9:00 AM Endometriotropic Bovine Herpesvirus-4: An emerging disease in dairy cattle - KS Frazier, CA Baldwin
- 9:30 AM Endometriotropic Bovine Herpesvirus-4: Seroprevalence and control – CA Baldwin, KS Frazier
- 9:45 AM Break

Epidemiology Scientific Session
Sunday, October 20, 2002
10:15 AM – 11:00 AM

Moderators: F. Elvinger, M. Thurmond

- 10:15 AM Probability diagnostic assignment - MC Thurmond, SK Hietala, WO Johnson
- 10:30 AM Prevalence of exposure to *Neospora caninum* in cattle from the east coast region of the United States - I Rodriguez, L Choromanski, S Rodgers, D Weinstock
- 10:45 AM *Campylobacter* prevalence in lactating dairy cows - RB. Harvey, RE Droleskey, C Sheffield, TS Edrington, RO Elder, TR Callaway, RC Anderson, DJ Nisbet

AAVLD/USAHA Joint Plenary Session
Monday, October 21, 2002
8:30 AM – 11:30 AM

Moderators Terry McElwain and Bob Frost

The Role of International Standards in Disease Control and Trade

8:30 AM Keynote address – Alex Thiermann

Special Session on Chronic Wasting Disease

- 9:00 AM Chronic Wasting Disease: Pathogenesis and Transmission – Beth Williams
- 9:45 AM Break
- 10:15 AM Chronic Wasting Disease testing: What do we need? What is available? – Katherine I. O'Rourke
- 10:45 AM Chronic Wasting Disease: Current Epidemiology and Regulatory Program – Lynn Creekmore
- 11:15 AM Questions and Discussion
- 11:30 AM AAVLD House of Delegates**

NOTE: There will also be a special all day workshop on Chronic Wasting Disease and the 5-year Management Plan developed by USDA and Department of the Interior beginning at 9:00 am on Tuesday, October 22, 2002

Poster Session
45th Annual Meeting
American Association of Veterinary Laboratory Diagnosticians
October 19 – 21, 2002

1. Analysis of ampicillin and sulbactam in dog serum and aqueous humor - PM Imerman
2. An enhanced passive surveillance system for zoonotic salmonella of non-human origin and integration with other surveillance initiatives - KC Klotins, CA Muckle, L Cole
3. Serological monitoring of *Salmonella* infection in swine using the HerdChek Salmonella Ab ELISA - A Camitz, A Ballagi, RJ Shoberg, G Holmquist
4. Performance evaluation of an ELISA test for the detection of antibodies to swine influenza virus – subtype H3N2 - T Jackson, N Chandler-Conrey, K Velek, K Prouty
5. Evaluation of a new ELISA kit (IDEIA Rotavirus) for detection of bovine rotavirus in fecal samples - **A Alsayegh***, J Anderson, H Wisdom, M Muenzenberger, K Austin, S Kapil
6. Development of a PCR test to identify *Mycoplasma hyopneumoniae* in porcine lung tissue - H Cai, T van Dreumel, B McEwen, S Carman, G Josephson, G Hornby, P McRaid, B Tamot
7. Interferon-g and nitric oxide production by peripheral blood mononuclear cells of *Mycobacterium bovis*-infected cattle - WR Waters, MV Palmer, DL Whipple
8. Analysis of interferon-g production by *Mycobacterium bovis* infected white-tailed deer (*Odocoileus virginianus*) using an in-vitro blood based assay - MV Palmer, WR Waters, DL Whipple, RE Slaughter, SL Jones
9. Prevalence of staphylococcal super antigens in equine isolates - **B Glover***, S Sanchez
10. General scheme for designing a reliable internal control for nucleic acid amplification – P Laski, C Maddox, G Scherba
11. Immunohistochemistry (IHC) database – TD Lemire
12. Clinical, ophthalmologic and pathologic findings of hypovitaminosis A in Korean native beef cattle - SS Yoon, YC Bae, SW Jeong, KM Seo, JH Kim, YH Jean, EK Hwang, GS Chung, SH Choi
13. The nodule or crust forming diseases in Korean livestock - YC Bae, SS Yoon, JW Park, SK Lee, KK Lee, OK Moon, MI Kang, CS Lee, YH Jean
14. A fatal case of acute pleuritis caused by *Bordetella bronchiseptica* in a squirrel monkey (*Saimiri sciureus*) - YC Bae, SS Yoon, JW Park, SK Lee, OK Moon, MI Kang, YH Jean
15. Obstructive urolithiasis in a steer - D Villar, DJ Larson, BJ Janke
16. Experimental inoculation of TME, scrapie, and CWD to raccoons (*Procyon lotor*) and the utilization of raccoons for strain-typing of unknown TSEs in the United States - A Hamir, J Miller, R Cutlip, M Stack, M Chaplin, J Bartz, A Jenny, E Williams

17. Histopathology, immunohistochemistry, and ultrastructure of a case of bronchitis and bronchiolitis in a cat with CAR bacillus-like organisms and intraepithelial globule leukocytes – JA Ramos-Vara, C Franklin, MA Miller
18. Acute and chronic toxoplasmosis in quarantined captive black-footed ferrets (*Mustela nigripes*) at the Louisville zoo (1992 – 1998) - R Burns, ES Williams, D O’Toole, JP Dubey
19. Toxicological investigation of the sudden deaths of 29 horses in Port-au-Prince, Haiti - CF Brownie
20. Unilateral pigment cell adenocarcinoma in 2 goldfish (*Carassius auratus*) - CV Löhr*, TF Walsh, DR Stanek, TJ Baldwin
21. Malignant granulosa-theca cell tumor in a 2-year-old Miniature Horse - DJ Patrick*, M Kiupel, VM Gerber, EA Carr
22. Cytologic description of a compound odontoma - K Crowdis*, M Kiupel, H Schott, M Scott
23. The diagnosis of gastrinoma as a component of multiple endocrine neoplasia in a dog - M Hoenerhoff*, M Kiupel, J Hendee

CALL FOR APPLICATIONS 2003-2004 AVMA/AVMF CONGRESSIONAL SCIENCE FELLOWSHIP PROGRAM

The American Veterinary Medical Association in partnership with the American Veterinary Medical Foundation (AVMF) is now accepting applications for the 2003-2004 AVMA/AVMF Congressional Science Fellowship Program. Up to three fellowships will be awarded next year.

Congressional Fellows serve for one year as consultants, researchers, and scientific resources on the staff of Members of Congress or Congressional Committees in Washington, DC. A stipend of \$50,000 plus additional funds for moving expenses is provided through the AVMF.

Applicants for the fellowship should demonstrate special competence in an area of veterinary medicine, possess a broad professional background, and have an interest in using scientific knowledge to solve societal and public policy problems. While expertise in the field of veterinary medicine is necessary, candidates must also be able to work on a wide range of topics, which may extend beyond their areas of expertise.

Individuals interested in applying for the fellowship must submit the following materials by January 15, 2003: a letter of intent, a curriculum vitae, two letters of reference from professional colleagues, a letter of support from the applicant’s local, state, specialty, or allied veterinary medical association, and a personal statement (not to exceed 750 words) describing the applicant’s qualifications, commitment to veterinary medicine, and why he or she is interested in the fellowship. Applicants must be members of the AVMA and also US citizens.

All application materials must be received by January 15, 2003 at the following address: Congressional Science Fellowship Program, AVMA-GRD, Attn: Ms. April Demert, 1101 Vermont Ave. NW, Suite 710, Washington, DC 20005-3521.

For additional information contact Dr. Dean Goeldner at dgoeldner@avma.org or (800) 321-1473 ext. 3208; or April Demert at ademert@avma.org or (800) 321-1473 ext. 3205.

AAVLD HOUSE OF DELEGATES 2002

STATE	DELEGATE	ALTERNATE
Alabama	Fred Hoerr	Sarah Rowe-Rossmannith
Alaska	Kathy Burek	John Blake
Arizona	Robert Glock	Carlos Reggiardo
Arkansas	Paul Norris	Open
California	Sharon Hietala	John Adaska
Colorado	Barbara Powers	Dorreene Hyatt
Connecticut	Herb Van Kruiningen	Sandy Bushmich
Delaware	H. W. Towers	Hiram N. Lasher
Florida	John E. Crews	Open
Georgia	Charles Baldwin	Doris Miller
Hawaii	Crane Hahn	Open
Idaho	Kendal Eyre	James J. England
Illinois	John Andrews	Dale Webb
Indiana	H. Leon Thacker	Steve B. Hooser
Iowa	Gary Osweiler	Bruce Janke
Kansas	George Kennedy	Jerome Nietfeld
Kentucky	Lenn Harrison	M. Douglas Cox
Louisiana	Rudy Bauer	Open
Maine	Open	Open
Maryland	Jimmy C. M. Huang	James P. Davidson
Massachusetts	Steve Rowell	Terri Wheeler
Michigan	Willie M. Reed	Thomas P. Mullaney
Minnesota	James E. Collins	Open
Mississippi	Lanny Pace	S. W. Jack
Missouri	Stan Casteel	Open
Montana	A. W. Layton	Open
Nebraska	David Steffen	Douglas Rogers
Nevada	David Thain	Open
New Hampshire	Joseph J. Moore	Open
New Jersey	Robert Eisner	Open
New Mexico	Gregory P. Jillson	R. Flint Taylor
New York	Alfonso Torres	Sang J. Shin
North Carolina	JoAnna Quinn	Gene A. Erickson
North Dakota	Neil Dyer	Mary Moen
Ohio	Beverly Byrum	Sheila Grimes
Oklahoma	William C. Edwards	Open
Oregon	Jerry Heidel	Stanley P. Snyder
Pennsylvania	Helen Acland	Robert H. Poppenga
South Carolina	Pamela Parnell	Bill Brewer
South Dakota	David Zeman	Open
Tennessee	Ronald B. Wilson	J. D. Tom Chang
Texas	Lelve Gayle	Robert Sprowls
Utah	E. Jane Kelly	Open
Vermont	Open	Open
Virginia	Bruce L. Akey	Jack Tate
Washington	James Evermann	Jay Weidener
West Virginia	Lynn Post	Randall Lovell
Wisconsin	Robert Shull	Vickie Cooper
Wyoming	Kenneth Mills	Frank Galey

House of Delegates (continued)

PROVINCE	DELEGATE	ALTERNATE
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	Open
Quebec	Doris Sylvestre	Open
Saskatchewan	Andrew Allen	James Orr
Mexico	Open	Open
Puerto Rico	Open	Open
NVSL	Randall Levings	Beverly Schmitt
USAHA	J. Lee Alley	Open

EXHIBITS AND POSTERS SCHEDULED IN ST. LOUIS...

Exhibits and the AAVLD Poster Session will be open on Saturday (12:00 noon - 5:00 p.m.), Sunday (8:00 a.m.-3:30 p.m.) and Monday (8:00 a.m. – 1:00 p.m.), October 19-21, in the South Exhibit Hall at the Millennium Hotel, St. Louis, Missouri.

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 8. A complete “Exhibit Directory” will be distributed at the meeting.

Allied Monitor, Inc., P.O. Box 71, 201 Golden Dr., Fayette, MO 65248 (Phone: 660-248-2823)

Allied Monitor, Inc., a leader in diagnostic services, production and research in Johne’s Disease since 1984. Offering complete testing services for the producer and bench training for qualified laboratory personnel. Allied Monitor produces and distributes Mycobactin J, Protoplasmic Antigen and various control reagents (bovine, ovine, and caprine) used in culturing, serum ELISA and AGID tests. Allied Monitor continues research into the development of more sensitive serological and organism-based tests to aid producers in the management of Johne’s Disease.

Automated Technologies, Inc., 1663 S. Atherton St., Suite 3, State College, PA 16801 (Phone: 814-237-3001)

Automated Technologies Inc. (ATI) provides totally customized Laboratory Information Management Systems (LIMS) at off-the-shelf pricing. Our software, LIMS Pro*, has been implemented at Animal Diagnostic Laboratories as well as Soil Testing Laboratories. Previous clients include Penn State University, Michigan State University, Illinois Dept. of Agriculture and The US Army Research and Development Laboratory. LIMS Pro* is a cross platform, open architecture, relational, client server database with user defined test lists.

BD Diagnostic Systems, 7 Loveton Circle, Sparks, MD 21152 (Phone: 800-638-8663)

BD Diagnostic Systems manufactures top quality products to serve the needs of veterinary laboratories worldwide. BD Diagnostic Systems offers hundreds of prepared and dehydrated culture media formulations with the proven performance you expect from both BBL and Difco. And if we don’t have a formulation you need, please be sure to ask about our BD Custom Products program. Stop by to see our Herrold’s Egg Yolk Agar for use in the cultivation of Mycobacterium paratuberculosis, as well as the Bactec 460 for liquid culture detection. We will also feature products for the identification and susceptibility testing of veterinary isolates including the BBL Crystal ID System, and Vet-Specific BBL Sensi-Discs for KB disk diffusion testing.

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

Biocor Animal Health focuses on the production, marketing, research and development of vaccines and diagnostic kits. At this year’s meeting, we will be displaying information about our diagnostic kits: ParachekÔ and BovigamÔ. ParachekÔ is the original Johne’s ELISA as used in many U.S. laboratories, in Australia’s National Johne’s Disease Program and other control programs worldwide. BovigamÔ is our ELISA kit for the detection of Bovine gamma interferon and is used as a measurement of the cell mediated immune response (CMI) with a broad range of applications. Among these applications are the diagnosis and study of various infectious diseases (TB, Johne’s Disease, BVD, IBR, BRSV) of cattle and the use in research applications involving experimental antigens, vaccines and adjuvant formulations. For more information, please stop by our booth and/or contact us at (402) 393-7440 and <http://www.biocorah.com>.

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 three 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 904 Caribbean Dr., Sunnyvale, CA 94089 (Phone: 408-400-8417)

Global VetLink, L.C. 2625 N. Loop Dr. #2130, Ames, IA 50010 (Phone: 515-296-0860)

Global VetLink is an Ames, Iowa, based internet technology company. Our first web based applications were launched this fall in Florida - connecting private practicing veterinarians with the state's diagnostic laboratory system and the interstate movement system for real time access to animal data.

Harcourt Health Sciences 3127 Old Glenview Rd., Wilmette, IL 60091 (Phone: 847-920-1380)

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, CITE, 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 data management software simplifies and organizes test results. For more information, please contact us at Tel: (800) 548-9997 or Tel: (207) 856-0300; email: PASweb@idexx.com; or visit our website at www.idexx.com.

Synbiotics Corporation 11011 Via Frontera, San Diego, CA 92127 (Phone: 858-451-3771)

Synbiotics is a leading provider of innovative veterinary diagnostics. Come see our new TiterCHEK® CDV/CPV test kit - get information on distemper and parvovirus antibody status in 15 minutes. Check out the easy and accurate Witness® line of tests, the SCA2000™ coagulation analyzer, DiroCHEK® - the gold standard in heartworm testing, and more.

Trek Diagnostic Systems, Inc. 25760 First St., Westlake, OH 44145 (Phone: 440-808-0000 x 205)

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

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 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 field and laboratory test kits and reagents for diagnosis of infectious diseases, control of dairy herd mastitis, detection of failure of passive transfer, assessment of immune status (Immunocheck). Our research reagents include an extensive selection of monoclonal antibodies for veterinary applications used by top research teams in public, private and government sectors. Our newly licensed Anaplasma cELISA test kit finally makes herd eradication of Anaplasmosis possible.

Waste Reduction by Waste Reduction, Inc. (WR2)

5725 W. Minnesota St., Indianapolis, IN 46241 (Phone: 317-484-4200 x 110)

The WR2 Process converts animal, human, and microbial tissues into a sterile, neutral, aqueous solution suitable for disposal to a sanitary sewer, or land application as a fertilizer. Sterilizes and digests in one operation; reduces waste volume and weight by up to 97 percent and completely destroys pathogens, including prions. WR2 Digestors are available in a variety of sizes from 5 kilogram to 3200 kilogram capacities.

ADDENDUMS TO DIRECTORY

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MEETING ANNOUNCEMENTS

September 16-18, 2002: **Vaccines for OIE List A and Emerging Animal Diseases Symposium** at the Scheman Conference Center, Ames, Iowa. The International Association for Biologicals (IABs), the Office International des Epizooties (OIE), the USDA Animal and Plant Health Inspection Service (APHIS) and the Institute for International Cooperation in Animal Biologics (ICAB) are co-sponsoring this symposium intended to review the availability, safety and efficacy of veterinary vaccines for OIE List A diseases and for selected emerging animal diseases. Registration fees cover meeting documents, reception, continental breakfasts, lunches and banquets. **Registrations are due by August 19, 2002.** Registration costs: Industry - \$600 USD; Government and University - \$400 USD; late charge - \$100 USD. For additional information contact the Institute for International Cooperation in Animal Biologics, Iowa State University, College of Veterinary Medicine, Ames, Iowa USA. Telephone: 515-294-7632; Fax: 515-294-8259; Email icab@iastate.edu. Meeting WEB site: <http://www.vetmed.iastate.edu/services/institutes/icab/IABS-web.htm>. IICAB Web site: <http://www.vetmed.iastate.edu/icab/icab.htm>

September 25, 2002: **International Society of Veterinary Dermatopathologists (ISVD)** will meet on September 25th in conjunction with the European Society of Veterinary Dermatologists Meeting (Sept 26-28, 2002) in Nice, France. Information regarding membership and goals of the ISVD can be obtained at the website (<http://svd.myfsb.com>). Registration information can be obtained from Joanne Mansell at jmansell@cvm.tamu.edu

Oct. 4-5, 2002 - **CL Davis Foundation South Central Division 12th Annual Meeting** at UTMB, Galveston, TX. Contact: LTC Jeff Eggers at Comparative Pathology, Air Force Research Lab, HEDV, 2509 Kennedy Circle, Brooks AFB, TX 78235-5118 - Tel: (210)536-3554/4303 - Fax: (210) 536-4267, Web site: www.afip.org/CLDavis/index.html or E-mail: jeffrey.eggers@brooks.af.mil. Co-sponsored by U. of Texas Medical Branch and the C.L. Davis Foundation. Case reports will be given. Dr. Robert Dunstan is the invited speaker on dermatopathology.

October 4-5, 2002, **Western Conference of Veterinary Diagnostic Pathologists** in Saskatoon, Canada at the Sheraton Cavalier Hotel. Topic is Toxicopathology (including nutritional toxicities). All guest rooms must be booked by September 3, 2002. Room cost: Non-smoking, two double beds at \$95.00 Can + 6% PST and 7% GST. To book, call (306) 652-6770 or 1-800- 325-3535 and indicate that you are a member of the WCVDP to obtain the discount rate. The President's reception and Dr van Alstine's seminar are on Thursday, Oct. 3rd at WCVM. The banquet is on Friday evening. For meeting registration contact: Helene Phillibert (helene.phillibert@usask.ca) Tel 306 966 2369 or (dorothy.middleton@usask.ca) Tel 306 966 7298

October 7-9, 2002, **10th Summer School in Immunotoxicology** in Marseille - France. The Subject year is: Implementing New Immunotoxicology Guidelines: Issues, Challenges, Perspectives. For program, application or any other information, please visit the web site: <http://www.schoolimmunotoxicology.org/>

October 12-13, 2002, **8th Annual Northeastern Veterinary Pathology Conference** in Cobleskill, NY. This is an excellent forum for veterinary pathologists and residents to present a diagnostic case. The cases typically include domestic and laboratory animals, primates, avian, fish, and zoo species. Guest speaker is Dr. Roy Pool, an authority on the pathology of bones and joints. Registration and case submission material must be received **by September 10, 2002.** For more information please call Dr. Jeanine Peters or email jp256@cornell.edu.

October 14-18, 2002, **Society of Quality Assurance (SQA) Annual Meeting** at Albuquerque, New Mexico. For further information check the SQA website at www.sqa.org. You do not have to be a member of SQA to log onto the site. This web site lists information about regional chapters and specialty subsections, as well as upcoming meetings. There are also links to various government sites regarding quality and regulated research.

October 17-24, 2002: **45th Annual Meeting of AAVLD and 106th Meeting of USAHA** at St. Louis, Missouri, Millenium Hotel.

December 7-11, 2002: **American College of Veterinary Pathologists (ACVP) 53rd Annual Meeting and the 37th Annual Meeting of the American Society for Veterinary Clinical Pathology (ASVCP)**. Fairmont Hotel, New Orleans, Louisiana. ACVP is approved to conduct educational programs by the American Association of Veterinary State Boards' RACE. For more information, please contact the American College of Veterinary Pathologists at 7600 Terrace Ave, Suite 203, Middleton, WI 53562; Phone: (608) 833-8725 ext. 145; Fax: (608) 831-5485; Email: sphelps@reesgroupinc.com; Website: <http://www.acvp.org>

April 26-30, 2003, **4th International Conference on the Molecular Biology and Pathogenesis of the Clostridia** in Woods Hole, MA. Information, including a preliminary program, can be accessed at www.ouhsc.edu/cp2003/. Note that there will be an animal disease session and a workshop.

Society of Quality Assurance website at www.sqa.org lists information about regional chapters and specialty subsections, as well as upcoming meetings. AAVLD members can partake of free/cheap networking and training at regional chapter meetings. Some even offer "brown bag" lunch discussions of general quality issues. Regional Chapters for 2001-2002 and their Presidents are listed. Links can be found at www.sqa.org

Canadian Chapter - President - Paul Sidney	International Quality Assurance Liaison Chapter - President - Nigel Dent
Mid-Atlantic Regional Chapter - President - Joanne Jackson	Midwest Chapter - President - Douglas Allgier
National Capital Area Regional Chapter - President - Jim Damico	New England Regional Chapter - President - Kathleen Vanderhoof
North Carolina Chapter - President - David Brodish	Pacific Regional Chapter - President - Lance Sandvik
Rocky Mountain Regional Chapter - President - Diane Keeler	

** OF SPECIAL INTEREST to Vet Dx Labs is the Computer Validation committee.... their mission is to provide current industry perspectives on Computer Validation Issues for the QA professional. Their goals are to: 1. Identify current computer validation issues, prioritize, and develop strategies to deal with these issues. 2. Develop mechanisms for keeping current with system validation issues by initiating dialogues with industry leaders, key regulators, and prominent academicians. 3. Develop computer validation training courses for auditors and other computer system professionals needing a regulatory outlook. 4. Communicate to the SQA membership about CVIC's activities through articles, presentations, questions and answers, and workshops.

POSITION ANNOUNCEMENTS

Director of the North Carolina Animal Disease Diagnostic Laboratory System. The North Carolina Department of Agriculture and Consumer Services Animal Disease Diagnostic Laboratory System invites applications for Laboratory Director. The director reports to the State Veterinarian and is responsible for diagnostic and regulatory services, standard operating procedures, quality assurance/quality control, and oversight of a five-laboratory system. The position is based at the central laboratory (Rollins ADDL) located in Raleigh, NC. Qualifications: Doctor of Veterinary Medicine degree and eligibility for licensure in North Carolina is required. A minimum of 5 years of diagnostic laboratory experience and/or the practice of veterinary medicine is a prerequisite for application. Board certification in Pathology, Microbiology or Toxicology is highly desirable. Excellent interpersonal skills are critical as well as a commitment to staff development and leadership ability. The position offers competitive salary and benefits commensurate with experience. Application: Application review will begin September 20, 2002. Send a letter of application, resume, and a list of 3 references with addresses and telephone or email contact to Dr. David Marshall, State Veterinarian, NCDA&CS, PO Box 26026, Raleigh, NC 27611 (Telephone 919-733-5657, FAX 919-733-6431, Email: david.marshall@ncmail.net).

Veterinary Supervisor (Director): The Nevada Department of Agriculture is hiring a laboratory director for the Reno Animal Disease and Food Safety Laboratory (see official job announcement at web link: <http://www.state.nv.us/personnel/10-284b.html>). Nevada has no state income tax and offers a competitive compensation plan including salary, benefits and retirement. This position announcement #320056 will be open until filled. Questions concerning the position may be directed to: David Thain, DVM, State Veterinarian & Administrator Division of Animal Industry. Phone: 775-688-1180 ext. 261 Fax: 775-688-1178 E-mail: dthain@govmail.state.nv.us. Direct questions regarding application process to: Frank Steinberg, Phone: 775-684-0137. State of Nevada employment application: <http://www.state.nv.us/personnel/STATEOFNEVADA.doc>

Veterinary Pathologist, Part-time at Kemptville, Ontario: Animal Health Laboratory, Laboratory Services Division, University of Guelph seeks a part-time (17.5 hrs/week) Veterinary Pathologist to provide pathology diagnostic services to veterinarians and producers in eastern Ontario. The successful candidate will be responsible for: conducting post-mortems and histologic examinations; selecting testing, interpreting and reporting results to veterinarians, owners, the Ontario Ministry of Agriculture and Food, the Canadian Food Inspection Agency, and colleagues at the University of Guelph. Hours of the position are 1/2 days, 5 days/week, usually afternoons, with flexibility to cover holidays and leave of the full time pathologist on a scheduled basis. Requirements of the position include: License to practice veterinary medicine in Ontario; advanced training in diagnostic anatomic pathology and proficiency in identifying diseases, interpreting findings; excellent interpersonal and communication skills Classification: Part-time position, P09 (Professional Managerial Salary Grid) Normal Hiring Range: \$31.71 - \$36.46 per hour *Tentative Evaluation. Subject to Committee Review. All applications must be forwarded to Human Resources, University Centre - Level 5, University of Guelph, Guelph, Ontario N1G 2W1, Canada.FAX 519 763-2780. We thank all applicants for their interest but wish to advise that only those selected for an interview will be contacted.

Lecturer Position in Anatomic Pathology: Clemson University invites applications for a currently 100% service non-tenure-track faculty appointment as Lecturer within the Veterinary Diagnostic Center is a full service, AAVLD-accredited laboratory located in Columbia, South Carolina. The position will provide necropsy, biopsy, and cytology services and related support to a wide variety of clients. Opportunities are available for pursuit of research interests and collaborative research within Clemson University and in cooperation with other public and private universities and agencies in South Carolina. Applicants must possess a DVM/VMD or equivalent degree from an AVMA-accredited veterinary school, or have completed the certification process through the Educational Commission for Foreign Veterinary Graduates of the AVMA, and have completed formal residency training in anatomic veterinary pathology sufficient to become eligible for certification by the American College of Veterinary Pathologists. Strong preference will be given to candidates who are ACVP certified with experience in diagnostic veterinary pathology. Salary is highly competitive, and commensurate with qualifications and experience. Applicants should submit a letter of interest, including names and contact information of three professional references, as well as a current curriculum vitae to Dr. Pamela G. Parnell, Director, Clemson Veterinary Diagnostic Center, P.O. Box 102406, Columbia, South Carolina, 29224-2406.Applications may also be submitted electronically in Word format to Dr. Parnell at pprnl@clemson.edu . Questions should be directed to Dr. Parnell by phone (803) 788-2260 ext 245, or by mail or e-mail at the addresses above. Review of applications will continue until the position is filled.

Academic Anatomic Veterinary Diagnostic Pathologist: Cornell University invites applications from individuals with strengths in neuropathology, theriogenology, dermatopathology, immunopathology, and oncology. The successful candidate will develop expertise in a species or organ specialty, provide necropsy and surgical pathology services, play a significant role in the training and mentoring of pathology residents and DVM students and collaborate in research programs. The distribution of effort devoted to service, teaching, and research is negotiable depending on an applicant's interests and expertise. Qualifications for this non-tenure track renewable appointment include the DVM degree or the equivalent and board certification or eligibility by the American College of Veterinary Pathologists or the European College of Veterinary Pathology. Salary and rank will be competitive and commensurate with experience. Applicants are asked to submit a curriculum vitae, 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. Donna Bamforth, Department of Biomedical Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853-6401. Informal inquiries to the chair of the search committee are welcome (607-253-4299 or spm13@cornell.edu). Applications will be reviewed until the position is filled.

Clinical/Anatomic Pathologist: Gribbles Group Ltd is an Australasian pathology company with laboratories in Australia, New Zealand, India and Malaysia and works in the field of both medical and veterinary pathology. We are currently looking for a full-time veterinary clinical pathologist or anatomic pathologist with clinical pathology skills to join our team in the Auckland branch of Gribbles Veterinary Pathology (formally AgriQuality Animal Health Laboratories originally set up by the Ministry of Agriculture). The successful applicant will have a veterinary degree registerable in New Zealand, be ACVP board certifiable or eligible, or have an equivalent qualification. If you are interested in learning more about this position please mail/fax/email your CV to Dr Celia Hooper, Gribbles Veterinary Pathology Auckland, PO BOX 163035, Lynfield, Auckland, Fax:09-627-1942, Tel: 09-627-2539 or email: hooperc@agriquality.co.nz

Pathologist, Large Animal Anatomic Pathology (Assistant/Associate Professor): The Department of Pathobiology, University of Pennsylvania, School of Veterinary Medicine, invites applications for a position in Anatomic Pathology on the Clinician Educator track at its New Bolton Center campus. The individual will have primary responsibility in diagnostic pathology service, involvement in teaching pathology residents and veterinary students and there will be an opportunity for the investigation of spontaneous diseases of large animals and collaboration with other diagnostic specialists in avian medicine and pathology, microbiology, toxicology and aquaculture; interaction with clinical and basic scientists in other units located at New Bolton Center, is encouraged. Applicants should have a DVM/VMD or equivalent degree and be board-certified by the American College of Veterinary Pathologists. Salary is commensurate with the applicants training and experience. Interested applicants should send a letter of application, *curriculum vitae* and the name of 3 references to: Dr. Michael Goldschmidt, Head, Laboratory of Pathology and Toxicology, Department of Pathobiology, School of Veterinary Medicine, Philadelphia, PA 19104-6051; phone 215-898-8977, fax 215-898-0719, email goldsch@mail.vet.upenn.edu. Additional information on the department may be found at <http://www.vet.upenn.edu/FacultyAndDepts/Pathobiology/>

Assistant Professor of Veterinary Pathology: The Department of Pathology, College of Veterinary Medicine at the University of Georgia is seeking applications for an anatomic pathologist that could be tenure-track or clinical-track (non-tenure track). The D.V.M. or equivalent degree and board certification or eligibility in the American College of Veterinary Pathologists are required. Ph.D. degree or equivalent training in research is required for the tenure-track position. The successful candidate will participate in teaching veterinary students, residents, and graduate students in anatomic pathology and will share diagnostic pathology service duty with other pathologists in the department. Development of an independent or collaborative research program is expected in the tenure-track position. There is ample opportunity to interact with clinical and basic scientists in a wide variety of fields. Applications received before October 30, 2002 are assured full consideration. The position is available January 1, 2003. Interested individuals should submit (1) a letter stating career goals; (2) a current curriculum vitae; (3) the names and addresses of four professional references to: Dr. Barry G. Harmon, Professor and Head, Department of Pathology, College of Veterinary Medicine, The University of Georgia, Athens, Georgia 30602-7388; Phone: 706-542-5831; e-mail: harmonb@vet.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 full-time Diagnostic Veterinary Pathologist at the assistant professor level. The primary responsibility of the position is to provide diagnostic services in an AAVLD accredited laboratory that serves external clients and the Veterinary Teaching Hospital. Participation in teaching in the veterinary curriculum or contribution to the research mission of the Department is a secondary responsibility of the position. Visit <http://www.vet.ksu.edu/depts/dmp/> for a complete overview of the Department. Requirements for the position include a DVM or equivalent degree, and ACVP certification or eligibility. Interested individuals should submit a letter of application that

includes a statement of career goals, a curriculum vitae, and 3 letters of recommendation to Dr. Derek Mosier, Dept. of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University, Manhattan, KS 66506. Review of applications will begin on October 15, 2002, and continue until a suitable candidate is selected. For more information contact Dr. Mosier at 785-532-4410 or dmosier@vet.ksu.edu.

Marine Mammal Pathologist: The Department of Pathobiology, College of Veterinary Medicine, University of Florida, is seeking an individual who is either board-eligible or board-certified by the American College of Veterinary Pathologists. The pathologist will be based in St. Petersburg, Florida, and have the primary responsibility of providing pathology expertise to the Florida Marine Research Institute (FMRI). This individual will work with other professionals to compile morbidity and mortality data affecting the Florida marine mammal population. The pathologist will regularly participate in rounds, collaborate in ongoing research projects, and instruct students and residents that rotate through the facility. The individual will have the opportunity to develop research interests in marine mammal health and to participate in the Anatomic Pathology Service at the Veterinary Medical Teaching Hospital in Gainesville. For more information, contact Dr. Calvin M. Johnson at johnsonc@mail.vetmed.ufl.edu or (352) 392-4700 (ext. 3938).

Veterinary Diagnostic Pathologist/Lecturer: University of Nebraska-Lincoln, Department of Veterinary and Biomedical Sciences, Veterinary Diagnostic Center, Lincoln, NE. The incumbent will have primary responsibility for conducting histopathology examinations for transmissible *spongiform encephalopathies* and will participate in conducting IHC tests for BVDV and other tests as required. The incumbent will participate in the regular pathology rotation with other diagnostic pathologists at the Veterinary Diagnostic Center. Qualifications include a DVM or equivalent degree, and documented training and experience in veterinary pathology. A MS or PhD degree is desirable. Good communication skills are essential. The appointment will be as a permanent, non-tenure track position that is renewable annually. The position is available November 15, 2002. Review of applications will begin on October 1, 2002, and continue until the position is filled. Applicants should send a letter of application and a curriculum vitae, and make arrangements for 3 letters of reference to be forwarded to: Dr. John A. Schmitz, Department of Veterinary and Biomedical Sciences, University of Nebraska-Lincoln, PO Box 830905, Lincoln, NE 68583-0905. For information, contact Dr. Schmitz at phone: 402-472-2952, FAX 402-472-9690, e-mail: jschmitz1@unl.edu or see <http://vbms.unl.edu>

Veterinary Laboratory Diagnostician: The Pennsylvania Department of Agriculture is seeking a Veterinary Laboratory Diagnostician to work in Pathology Services at the Pennsylvania Veterinary Laboratory, in Harrisburg. The work will include gross and microscopic pathology of mammals and birds, emphasis on agricultural animals, and animals and birds submitted for testing for West Nile virus infection. Applicants must have graduated from a college of school of veterinary medicine accredited or approved by the American Veterinary Medical Association, or possess a certificate issued by the Educational Commission for Foreign Veterinary Graduates, or be legally qualified to practice veterinary medicine in some state, province, territory or possession of the United States, Canada, or other country. Applicants must have one year of experience as a veterinarian in the research and/or diagnosis of animal or bird diseases. In addition, it would be helpful if the candidate completed a formal training program in veterinary anatomic pathology, and acquired knowledge sufficient to assume responsibility for the broad-spectrum situations encountered by veterinary pathologists. The salary range is \$48,646 to \$73,956 per year. For further information and application package, contact Ms. Patricia Smyser, Division of Personnel Services, Department of Agriculture, Commonwealth of Pennsylvania, 2301 North Cameron Street, Harrisburg, PA 17110, e-mail psmyser@state.pa.us, telephone 717-787-1065.

Microbiologist Supervisor: The Division of Animal Industry Services for the Virginia Department of Agriculture and Consumer Services seeks a Microbiologist Supervisor to provide technical expertise and supervision of laboratory staff and operations involving specialized diagnostic and regulatory testing for dairy products and animals in our Warrenton Regional Laboratory. Qualifications: Masters or Ph.D. Degree in Microbiology is preferred. Requires considerable knowledge and experience in microbiology, laboratory testing and/or clinical procedures in bacteriology, PCR and molecular techniques; demonstrated skills and experience supervising personnel and monitoring laboratory operations; and experience coordinating and developing a quality assurance policy. Requires ability to communicate effectively. Minimum starting salary \$39,000 depending upon qualifications. A completed Commonwealth of Virginia Application for Employment must be received in the Human Resource Office by 5:00 PM on September 13, 2002. Postmarks are not considered as received. Resumes may be attached, but are not accepted in lieu of a completed application. Mail completed applications to: Human Resource Office, Virginia Department of Agriculture and Consumer Services, 1100 Bank Street, Suite 306, Richmond, VA 23219. Telephone: (804) 786-3531; FAX (804) 371-8879; e-mail address hr@vdacs.state.va.us.

Assistant/Associate/Full Professor of Microbiology: School of Veterinary Medicine, University of California, Davis, is seeking a veterinarian with advanced training or commensurate experience in bacteriology or mycology required. Board certification or eligibility in the American College of Microbiology preferred, but not required. PhD preferred. Clinical experience and competence in bacteriology/mycology required. Demonstrated aptitude/experience in teaching. Documented research record or potential to develop an independent research program utilizing contemporary molecular technologies for the characterization of infectious diseases. Must possess excellent interpersonal and communications skills. To receive fullest consideration, applications must be received by July 31, 2002; position opened until filled. Expanded position description at <http://www.vetmed.ucdavis.edu/pmi/PMIpage1.htm>. Submit letter of intent outlining special interest in the position, overall qualifications, experience, and career goals; CV; and names and addresses of three professional references to N. James MacLachlan, Chairman, Department of Pathology, Microbiology and Immunology, School of Veterinary Medicine, University of California, Davis, Davis, CA 95616.

Virologist: The Florida Department of Agriculture and Consumer Services, Division of Animal Industry, Bureau of Diagnostic Laboratories, invites applications for the anticipated vacancy of a full-time position as a Diagnostic Veterinarian Manager (Position 01043 - Virologist), at the Kissimmee Animal Diagnostic Laboratory; a full service, all species, AAFLD - accredited facility. Annual salary range is \$48,497.28 to \$82,930.38. The laboratory is initiating a major upgrade to include a BSL 3 facility, which will contain a virology section. The Virologist serves as Chief of the Virology Section and is responsible for examination of all tissues for the presence of viral agents, and supervises all viral serology tests, which requires experience, training and a broad knowledge of viral infectious diseases of animals. Additionally, the virologist will work to develop new or improved techniques for the diagnosis of viral diseases and interact with clients. Minimum qualifications for candidates in this broad job category must possess: Minimum qualifications include eligibility for licensure as a veterinarian by the State of Florida in accordance with Florida Statute 474, and completion of at least a Master's Degree in Microbiology (applicants with either board certification and /or a PhD in Microbiology are preferred, however, are not required). This position requires possession of a valid driver's license. Applicants must submit a completed State of Florida Employment Application (available online at www.myflorida.com) by August 23, 2002 to Dr. John E. Crews, (407) 846-5200 ext 226, at PO Box 458006, Kissimmee, FL34745-8006.

Research Associate position in Clinical Nutrition: The Department of Large Animal Clinical Sciences at Michigan State University offers a Research Associate position in Clinical Nutrition. The candidate selected will be responsible for providing clinical support for the Nutrition Section of the Animal Health Diagnostic Laboratory for the diagnosis, management, and prevention of nutritionally related diseases. The person selected will have the opportunity for graduate study and residency training in nutrition. This could lead to either a PhD or Master's degree, and certification in either the Comparative or Large Animal tract of the American College of Veterinary Nutrition. Up to four years training is available. The annual stipend is \$35,000 with full MSU employment benefits. Successful applicants will have a DVM or equivalent degree, the ability to become licensed to practice veterinary medicine in Michigan, and one or more year's clinical experience in some aspect of veterinary medicine. Applications will be accepted until September 1, 2002, or until a suitable candidate is identified. Send applications including a CV and statement of career goals to Dr. Thomas H. Herdt, Department of Large Animal Clinical Sciences, Michigan State University, East Lansing, MI 48824.

Johne's Program Manager; Madison, WI: The State of Wisconsin, Department of Agriculture Trade and Consumer Protection is seeking applicants for a full time position to manage agency initiatives related to the prevention and surveillance of animal disease to protect public health; administration of the Johne's Disease program and for a variety of Johne's Disease control outreach activities. Candidates will have demonstrated knowledge of Johne's Disease management, control and research and have excellent communication skills. A master of science degree, Ph.D. or equivalent training and education in veterinary bacteriology, epidemiology, virology, pathology or similar field is required. Salary will be based on qualifications and experience. The **application deadline is September 16, 2002**. To apply request application materials from John Miller at (608) 224-4763, email john.miller@datcp.state.wi.us.

