

April 2003



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**46TH ANNUAL AAVLD/USAHA MEETING  
SAN DIEGO, CALIFORNIA  
OCTOBER 9-16,2003**

## 2003 Executive Board

President.....	Terry McElwain
President-Elect.....	Willie Reed
Vice President.....	Gary Osweiler
Immed. Past President.....	Pat Blanchard
Secretary/Treasurer.....	Alex Ardans
North East.....	Alfonso Torres
South East.....	Ron Wilson
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

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# AAVLD President's Message

Greetings!

The five months since our annual meeting in St. Louis have been a flurry of activity, conference calls, and travel on behalf of AAVLD. In February, your Executive Committee met with USDA, FDA and Homeland Security representatives in Washington, D.C. Later in the month, the Executive Board and Accreditation Committees met in Las Vegas. I would like to provide you with a few highlights of those meetings.

**NAHLN and related laboratory networks** - A revised version of the National Animal Health Laboratory Network “one-page” informational piece has been posted on the Web site (<http://www.aavld.org>, from Visitor menu- National Animal Health Lab Network) and has been sent electronically to all Laboratory Directors and the House of Delegates members. The revised version explains the funding that was received for the pilot NAHLN last year, and requests additional funding for expansion of the NAHLN to include laboratories in every state. The amount we are requesting is based on a goal of expanding the number of labs to include all states, and to increase the breadth of testing from the current 8 exotic agents to other select agents, toxins, zoonotic diseases, and other diseases of regulatory and trade importance. The President's FY04 proposed budget has \$16M requested in the NAHLN budget line (CSREES Integrated Activities) for both the plant and animal networks. It is estimated by USDA CSREES that approximately half or slightly more of this request would be allocated for the animal network (NAHLN). If that happens, adding a limited number of additional laboratories in the NAHLN will be possible. We are working to increase that budget line so more laboratories can be included. USDA is aware that our number one goal is to include all labs in the NAHLN, and has endorsed this concept.

The Laboratory Response Network (LRN) is coordinated by the CDC and includes public health laboratories in every state. In addition, the Food Emergency Response Network (FERN) has been developed and implemented by the FDA and FSIS. Both the LRN and FERN administrators understand and strongly agree that it is important to include veterinary diagnostic laboratories (VDL) in their networks. We have been working with the LRN coordinator to develop a laboratory qualification checklist and expansion policy for inclusion of VDL's in the LRN. I know some of you have been in contact with your state public health lab and are awaiting development of this mechanism for joining the LRN. Stay tuned – we are very close to establishing the formal mechanism for that to happen. Veterinary diagnostic laboratories may be eligible in some states to join the FERN once they are a part of the LRN.

**Homeland Security** - The Department of Homeland Security already has and will continue to impact our personal and professional lives. Knowing that our laboratories are the eyes and ears of animal disease surveillance in the United States, the DHS has a keen interest in our activities. We had the opportunity to meet with several DHS representatives in Washington, D.C., and came away with little doubt that the DHS will be a major player in animal health. The most direct effect initially will be at Plum Island, where both ARS and APHIS activities will be impacted. I urge you to keep abreast of the activities of this new department.

**Accreditation Standards** - For over five years, the AAVLD Accreditation Committee has been assessing our accreditation process to ensure that it meets international standards. The White Paper on accreditation (posted on the Web site at [www.aavld.org](http://www.aavld.org)) endorsed adoption of OIE standards in our Essential Requirements for Accreditation. At the Las Vegas meeting, the Accreditation Committee developed a timeline for doing so. Dr. Leon Thacker, Chair of the Accreditation Committee, will be sending a letter to all Directors of accredited laboratories explaining the timeline in detail. The AAVLD accreditation program is a key part of our

association. These are major changes, and will have a large impact on AAVLD laboratories – an impact we sincerely feel is necessary and appropriate to maintain our status nationally and internationally. I assure you that your association will do everything within our power to smooth the transition to new standards over the next few years. Thanks to both the Accreditation and Quality Assurance Committees for yeomen's efforts in this process.

**Waste Regulations** - The increased regulatory environment in which we operate seems to affect us more every day. We are keeping an eye on waste regulations proposed through the EPA Region 8 which would mandate zero tolerance for potential prion-contaminated waste from our laboratories. If adopted, this would have a profound impact on our waste disposal, particularly from our necropsy floors. A document addressing the proposed regulations is being drafted for approval by the Executive Board at the summer meeting.

**Annual Conference** - Plans for the 2003 Annual Conference are well underway. Workshops in anaerobic bacteriology and pathology of reproductive diseases will be held. Dr. Willie Reed has distributed a call for papers. The core of our meeting continues to be presentations by the membership; please consider submitting an abstract to Dr. Reed for the San Diego meeting. Annual meeting information can be found on pages 12 -19 of this issue.

Lastly, don't forget to periodically check the AAVLD web site for new postings. One example is the Quality Assurance link, which provides a wealth of QA/QC information and links to other QA/QC sites of interest. This link is on the visitor site under the subheading quality assurance.

These are just a few highlights of our recent meetings. Please don't hesitate to contact me if you have questions, concerns, or comments.

Best wishes,

Terry F. McElwain, President, AAVLD  
[tfm@vetmed.wsu.edu](mailto:tfm@vetmed.wsu.edu)  
509-335-9696

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## Committee and Association Updates (continued on pg 11)

**AAVLD/USAHA annual meeting materials** are on pages 12-19 of this issue. Please be sure to check the AAVLD members box when registering for the annual meeting if you are a continuing member or new member. This ensures an invitation to the AAVLD President's reception at the annual meeting.

**Website updates:** New information on the members only web site at [www.aavld.org](http://www.aavld.org) is posted on the main menu for members only under "New Information" and links to the White paper on Accreditation, Quality Assurance committees web information, NAHLN fact sheet and Veterinary Products which is a listing of the 2003 exhibitors and their respective web links. The latter three items are also available on the visitors site under their respective titles. The 2002 Annual Meeting abstracts are also now available on the members site under Proceedings and abstracts. 2003 Annual meeting information and registration materials will be posted by April 3rd on the visitor site.

### **Bacteriology and Mycology subcommittee and Bacteriology Steering Committee**

*Bacillus anthracis* and *Yersinia pestis* isolation and identification criteria from animals are posted on the aavld members only site under Committee reports- Select agents for review and comment. *Brucella* and *Coxiella* protocols coming soon.

# AAVLD Executive Board Meeting

Tuesday, February 18, 2002, 8:00 am – 12:00 pm

Gold Coast Hotel- Las Vegas, NV

**Present:** Alex Ardans, Terry McElwain, Barb Powers, Willie Reed, Neil Dyer, Pat Blanchard, Donal O’Toole, Grant Maxie, Melissa Libal, Bill Yates, Alfonso Torres, Ron Wilson, Gary Osweiler, Randall Levings (representing NVSL). **Guests:** John Kreeger, Bill Edwards, Leon Thacker, Monte Reimers, Don Lein

1. The meeting was called to order 8:05 am.

2. **APPROVAL OF MINUTES:** Minutes of the October 18, 2002 Executive Board Meeting were reviewed prior to the meeting. A motion was made to approve the minutes (Blanchard), seconded (Reed), and passed unanimously.

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

Checking Account Balance on Hand January 1, 2002:	\$197,609.71 (adjusted \$530.25 for 2 voided checks from 2001)	
Total Administrative Operating Receipts	\$442,542.59	
Total Administrative Operating Expenses	(\$431,291.17)	
<b>ENDING BALANCE DECEMBER 31, 2002:</b>		<b>\$208,861.13</b>
Certificates of Deposit as of DECEMBER 31, 2002		
CD#000418518	\$15,440.69	
CD#00475591	\$14,461.22	
<b>TOTAL, CERTIFICATES OF DEPOSIT</b>		<b>\$29,901.91</b>
Mutual Fund, Edward D. Jones, as of DECEMBER 31, 2002		
Account #190876276	New Perspective Fund	\$64,661.08
Account #165939129	Investment Co. of America	\$65,277.17
<b>TOTAL MUTUAL FUNDS</b>		<b>\$129,938.25</b>
<b>TOTAL ASSETS ON HAND- DECEMBER 31, 2002</b>		<b>\$368,701.30</b>

Total paid active members as of 12/31/02: 1268

Total paid subscribers as of 12/31/02: 213

The income and expenses associated with the annual meeting were discussed.

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

## 4. COMMITTEE REPORTS

### A. Accreditation

Leon Thacker reported that the Accreditation Committee met 2/17/03 from 8:00 am – 6:50 pm. Much of the time was devoted to incorporating OIE standards into the AAVLD Minimum Essentials. The Accreditation Committee adopted the following mission statement:

The purpose of the AAVLD accreditation process is to accredit veterinary diagnostic labs in North America relative to technical and operational competence compatible with appropriate standards and to provide an in depth administrative assessment.

Monte Reimers, QA committee chair attended the Accreditation Committee meeting. The committee decided to make the QA Committee chair an ex-officio member of the Accreditation Committee.

The following guidelines were set for AAVLD accredited laboratories and Accreditation site visits:

- By April 1, 2004 each accredited lab must appoint a QA manager and submit a Quality Manual, which describes their quality system and an implementation plan for their quality system with timeline and appropriate milestones to meet revised AAVLD essential requirements that incorporate appropriate OIE Standards.
- By the annual meeting 2004 the accreditation committee will review and comment.
- Beginning January 1, 2005 the accreditation site visits will include an audit for compliance with the laboratory's implementation plan milestones.
- By December 31, 2006 the Accreditation Committee will require full implementation of the quality system.
- Beginning January 1, 2007 accreditation site visits will include an audit of the complete quality system.

The committee reviewed reports on North Dakota, Cornell, and Arkansas, which is a newly accredited lab.

Dr. McElwain asked the board for their opinion regarding distribution of the new deadlines for incorporation of OIE standards. He also extended an invitation to NVSL to have the committee look over their quality system documents.

Monte Reimers reported that the QA committee has been operating for the past year. Newly appointed accredited laboratory QA managers will be made part of QA committee. The QA committee has launched a section on the AAVLD website ([www.aavld.org](http://www.aavld.org)) with QA information and sample documents (from Visitor side under Quality Assurance).

## **B. JVDI**

John Kreeger reported that manuscript submissions to the journal have decreased from 196 in 2001 to 182 in 2002, however he felt that the decrease was not reason for concern. JVDI maintains a 53% acceptance rate of domestic manuscript submissions, and a 38% acceptance rate on those received from outside the US. Dr. Kreeger needs both a membership application and a foundation form for inclusion in the journal when there are blank pages available. Blank pages are available in many issues and can be printed for a nominal fee. He is having difficulty getting the PDF files of recent issues of JVDI to Iowa for posting on the AAVLD web site due to the large size of the files. He will continue to work on getting these files to Gary Osweiler in Iowa. The Awards Committee will be handling the award for best JVDI manuscript this year. Two awards will be presented this year, one for best brief communication and one for best full manuscript. Dr. Kreeger will provide the committee five nominees for each award.

## **C. Newsletter and Monographs**

Pat Blanchard reported that the next issue of the newsletter is set to come out in the first week of April. The issue will include annual meeting registration information. She will be sending out a notice for upcoming meeting postings shortly.

## **D. Web Site Update**

Gary Osweiler reported that some members have been having trouble logging onto the AAVLD website. The generic "member" password is no longer active, so members do have to request an individual password. One new piece of information posted on the web is the Accreditation White Paper. Foundation information and the patrons list need to be updated. The committee list will be updated soon. Upcoming meetings are posted on web through July. The newsgroup portion of the website sees no activity, and it was suggested that it be removed. The possibility of posting information from the list serve on the newsgroup portion of the website was discussed. Dr. Osweiler will have Randy talk to Jim Case about this possibility. Abstracts through 2001 are posted on the web, and the 2002 Abstracts will be posted when received from Terry McElwain. Ten job listings are currently posted and the newsletter is posted through 2002.

There are gaps in web operation because it is unclear who is to provide/hunt down information for posting on the web. Dr. Osweiler suggested that the role of the Web Editor should be clarified in order to tighten up how information is gathered for posting on the web.

The 2002 exhibitors and their web links are now posted on the AAVLD website under Veterinary Products. In addition, it was discussed that all branch laboratory sites for each accredited laboratory system should be listed in the accredited laboratory portion of website. The Secretary/Treasurer's office will find out the addresses of all the branch labs and provide them to the Web Editor for posting.

### **E. Program Committee**

Willie Reed reported that the call for papers was sent out in November 2002 electronically and was in the last AAVLD Newsletter. The call was also mailed to the lab directors this past Friday. So far nothing has been received.

CL Davis is currently planning a workshop on reproductive pathology, but they have not been able to locate any speakers, which may result in the workshop cancellation. The Pathology Committee has requested that the CL Davis workshop be moved to Friday so that more people can attend.

A proposal for a workshop on anaerobic bacteriology to be held all day Thursday was received. A suggestion for workshop on regulatory compliance was also received. Terry McElwain suggested holding a workshop on accreditation standards/OIE guidelines, or possibly on writing a QA manual. The QA committee is to look into this possibility.

The joint plenary session with USAHA will address emerging diseases such as CWD, emergency preparedness, focusing on END, and presentations on both California's and the Fed's perspectives on END. The director of OIE will give the keynote address.

Dr. Reed is working with the program committee on topics for the first plenary session. There has been interest in having a session on NAHLN and the role of veterinarians in bioterrorism and agricultural bioterrorism, information systems for data management and HL7, WNV, emergency preparedness, AI, and END. Alfonso Torres suggested a session on wildlife diseases.

Cepheid has expressed an interest in sponsoring a workshop again this year. It was suggested that AAVLD consider having sponsors for each workshop and for the scientific sessions.

### **F. Canada**

Bill Yates presented the Canada report as follows:

#### 1. Reorganization of Canada's federal veterinary laboratories.

In January of 2003, Canadian Food Inspection Agency (CFIA) President Richard B. Fadden announced a reorganization of several aspects of the organizational structure. Of interest to AAVLD would be the creation of a new Science Branch headed by a Vice-President, which will include all federal veterinary laboratories as well as food safety and plant health laboratories. A competition is underway for the new Branch head, expected to be appointed by 1 April 2003.

Dr. Bob Clarke resigned as Executive Director of the Laboratories Directorate of the CFIA in December of 2002 in order to accept an appointment at the University of Ottawa Medical Faculty as Executive Director of the McLaughlin Centre for Population Health Risk Assessment, Institute of Population Health. His replacement is Dr. Ann Fraser, a former scientist in the laboratory system and recent manager of the Program, Policy and Coordination Directorate of CFIA.

#### 2. Canadian Animal Health Laboratorians Network meeting.

Planning for the second annual meeting of veterinary laboratory workers is underway, and open to university, government, and private sector laboratorians. The focus of the group is to bring together lab workers in the various jurisdictions in order to share scientific information but also to forge relationships that will be of practical use in other forums such as emergency preparedness and problem solving. Keynote speakers will lead off each day and be followed by presentations of individual cases by working laboratorians. This year's keynote speakers include Dr. Bob Clarke, Dr. Terry McElwain, President of AAVLD, on The role of the AAVLD in the new US National Animal Health Laboratory Network; Drs. Jim Bellamy and Ole Nielsen on The Future of Veterinary Diagnostic Laboratories; and Dr. Sarah Kahn, Director, Animal Health and Production Division, CFIA, on Global Trends in Animal Disease and the Response of International Organizations. The meeting will be held from 4-7 May 2003 in Ottawa. Subsequently, every second year it will be held at



a Canadian veterinary college (Ontario Veterinary College, Guelph, in 2004), alternating with Ottawa. AAVLD members are welcome to attend, and for details could check the web site at <http://www.inspection.gc.ca/english/lab/cahline.shtml>.

### **G. Membership**

Gary Osweiler reported that AAVLD currently has 1152 members, which is consistent with the number from last year at this time. Both an email reminder and a letter were sent to those who have not yet renewed. Dr. Osweiler plans to contact members that have not renewed to find out their reason for discontinuing membership. There was a suggestion to post in the Journal some of the information from our old brochure to solicit new members.

### **H. Foundation**

Barb Powers reported that separate discipline awards would not be funded by the Foundation. If a committee would like to fund a specific award they are welcome to do so. Whether or not it would be appropriate for different committees to contact sponsors for donations to their awards was discussed, with specific discussion regarding Donal O'Toole raising money for the Pathology Trainee award. As long as there is no conflict with donations that the Program Committee chair and the Foundation Committee are trying to solicit it is fine for Dr. O'Toole to contact companies for donations. Dr. O'Toole will send Barb Powers and Willie Reed a list of companies he plans to contact before taking any action to insure that there is no overlap.

### **I. NVSL Report-** by Randall Levings, director of NVSL

NVSL is currently spending most of their time working on END. They are providing testing, sending people out to California, and are working on validation of a PCR assay for END. Dr. Levings also reviewed the California TB activity.

They are planning to demo their new web based submission system for CWD. Training for this system will be provided via a demo on the web.

CWD: CCC money from 2002 has run out, however they did get CCC money this year for testing. CVB has approved two commercial kits for rapid assays. There were 14,717 tests performed this past year and there are currently fifteen approved labs with plans to add more.

Update on the Master Plan: In the 2003 budget there is 33 million for the Master Plan. However, there is no Master Plan money in the budget for 2004.

NVSL and FADDL were both reviewed by OIG regarding the select agent rules. The OIG report will be posted on OIG website for comment in March. Scheduled to be reviewed next are University labs, so the report would be useful to them. NVSL volunteered to collect any old select agents from labs that do not want to register under new select agent rules. There is still confusion surrounding select agent rules and exemptions, however Dr. Levings was hopeful that categorical exclusion would be approved for certain vaccine strains, eg Sterne, Brucella RB51, Francisella.

NVSL is working on clarifying the difference between ag-specific orange and general orange terrorism warnings and identifying what specifically these warnings mean so that they can react accordingly.

The 2003 budget has been received. The veterinary diagnostic line item received a five million dollar increase, some of which is designated for NAHLN and proficiency testing. The Johne's budget increased to \$20 million, and the CWD line item increased to \$15 million. Others with increases are TB, emergency management, foreign animal disease, and Brucella. The low path AI and biosecurity lines were not approved. The president's budget for 2004 has been delivered to congress. The budget for 2005 is behind, but they will be moving on this soon as well.

The facilities money for FADDL was taken out of USDA 2003 budget and given to DHS. In 2004 facilities and one half of the program funds are scheduled to transfer to DHS as well.

Andrea Morgan was named associate deputy administrator for regional affairs, and John Clifford was also named as policy administrator. The third administrator for emergency programs has not yet been named.



The Army has expressed support for NAHLN and including it in a national plan, and NVSL will provide a draft of their support letter to AAVLD. Deputy Secretary Mosley has an intense interest in biosecurity and in the NAHLN.

Barb Martin, NVSL, is dedicated full time to validation and implementation of rapid assays  
Terry McElwain's intention for AAVLD is to send out the one-page NAHLN PDF to the Lab Directors.

#### **J. Emergency Preparedness Workgroup**

Alfonso Torres reported that an emergency management plan for each lab to respond to a national emergency is needed. Common sense agreements and written agreements with the states will be necessary. It would be best for the document (6 pg) developed by the workgroup to be distributed to the board for comment. The intention is to use this document as a standard for labs to be prepared for an emergency. The document will be distributed to the board and discussed at the July board meeting.

#### **K. Government Relations**

Terry McElwain reported that the Government Relations Committee had a meeting recently in Washington D.C. where they visited government agencies and talked with administrators. The Department of Homeland Security is forming a Homeland Security Council to serve an advisory function to the President and act as a liaison to the Department of Homeland Security. They will be looking at the mission and program in laboratories nationwide to make sure that they are consistent with the mission of Homeland Security. The committee met with Curt Mann, the representative for food, ag and water in the Office of Homeland Security. The committee also met with the administration at ARS and APHIS.

The committee met with Rob Heckert, Tom McKenna, and Barb Martin at ARS regarding the development of molecular based assays and was given a timeline and overview of the development process. Validation of these assays will be performed at multiple state laboratories. The current draft plan is to get over 1500 positive and 1000 negative samples. The first field validation is planned for classical swine fever and is scheduled for the upcoming summer. FMD is scheduled to be available in November 2004. AI is scheduled for release in 2003. END is currently being done on the fly and there is no set timeline for the validation. There is \$8 million budgeted for the development and validation of these assays. The release of the validation guidelines document is pending sign off by some of the federal participants. It was discussed that AAVLD should recommend that ARS solicit proposals for cooperative agreements on developing these assays in order to encourage the participation of state laboratories. Terry McElwain will draft a letter to ARS with this recommendation.

### **5. OLD BUSINESS**

#### **A. Network Updates (NAHLN, LRN, FERN)**

Terry McElwain reported that NAHLN as it stands consists of thirteen laboratories. The primary goal of AAVLD is to expand the network to include at least all fully accredited state labs and eventually all state labs. The network received \$16 million for plant and animal combined in the 2004 budget through CSREES. Eight to nine million will be available for the animal side. Dr. McElwain drew up a draft budget for that eight to nine million to send to CSREES. There was discussion over the distribution of the budgeted money for NAHLN and how best to use it for maintenance and expansion of the current NAHLN. There is still the potential to add more money this year to the eight to nine million in the president's budget. Dave Kinker has been appointed as the acting NAHLN coordinator at NVSL pending an open recruitment.

A proposal has been made for a steering committee for NAHLN. The committee will consist of one USAHA representative (state veterinarian), the AAVLD President, the NVSL director, a CSREES representative, a NVSL representative, two NAHLN laboratory directors, and one representative from a non-NAHLN laboratory. Dr. McElwain solicited opinions from the Executive Board on the selection and composition of the steering committee. The selection is the responsibility of NVSL and CSREES, with input from AAVLD. Thus, it would be appropriate for AAVLD to make nominations. Dr. McElwain will put out a call for nominations to the Executive Board and NAHLN lab directors due back within one week. There was discussion on the need to document specifics such as selection

process, terms of service, replacement process for incomplete terms, FACA rules. This committee with addition of a CDC and APHL representative may also be the oversight committees for laboratories entering the LRN.

Dr. McElwain presented two documents – “LRN Due Diligence Checklist for Membership Qualification of a Veterinary Diagnostic Laboratory” and “Policy Regarding Evaluation of Veterinary Diagnostic Laboratories for Entry into Confirmatory Levels of the Laboratory Response Network”. Laboratories can get money through state public health labs through inclusion in LRN. Some limited funds are available for training, equipment, etc. through FERN.

#### **B. eLEXNET, eCAM**

Terry McElwain reported that he has been asked to write a letter endorsing eLEXNET, a system used for reporting multiple agents. The company will write bridging software for each lab’s system to allow reports to be retrieved automatically. Rather than endorsing eLEXNET he suggested that AAVLD provide a list of labs to FDA for them to contact the labs directly without AAVLD’s endorsement. The AAVLD Informatics and NAHLN IT committees are still unsure about eLEXNET and Dr. McElwain does not want to endorse it without their recommendation, however he suggested that eLEXNET might be a good program to consider for NAHLN.

#### **C. Liaisons**

Monte Reimers was appointed as the new SQA liaison. Paige Carmichael is the liaison for ACVP. Terry McElwain attended ACVP with Paige this year. Common issues identified were lab safety, position statements on federal and regulatory issues, and manpower issues. With those common issues in mind AAVLD would like to continue to have liaisons and ad hoc committees when issues arise. Dr. McElwain appointed Alfonso Torres as a liaison to NIAA. Pat Blanchard, Don Lein and Alfonso Torres are AAVLD representatives on the National Animal Health Emergency Management Steering committee. Pat Blanchard is the AAVLD liaison with Association of Public Health Labs.

### **6. NEW BUSINESS**

#### **A. USAHA/AAVLD Joint OIE Committee**

Terry McElwain reported that Bob Frost would like to form a joint OIE committee of USAHA and AAVLD, and Terry endorses this idea. The committee has no formal structure as of yet. Joan Arnoldi will serve as the chair of the core Planning Committee, which will report to the Presidents of USAHA and AAVLD at the annual meeting on proposed committee structure and goals. Alfonso Torres will represent AAVLD on the core planning committee.

#### **B. EPA Region 8 Proposed Waste Disposal Regulations**

Donal O’Toole reported that the EPA has become concerned with the risks of prion-contaminated wastes, and has proposed new regulations for waste disposal in Region 8. The proposed regulation was distributed to the Board. The proposed regulation calls for zero discharge of untreated potentially prion-contaminated wastes to public waste facilities. A subcommittee will be set up to consider the issue and work on a draft document for dealing with this new regulation. The need for a risk assessment on waste going down the drain was expressed. Dr. O’Toole will draft a document addressing the proposed regulation for the Executive Board’s approval at the summer meeting.

**C. END Update** - Alex Ardans presented an update on the END situation in California.

### **7. NEXT MEETING**

The Summer Board meeting, in conjunction with the AVMA, will be held in Denver, CO on Saturday July 19<sup>th</sup> from 1pm-5pm.

**Meeting was adjourned at 12:31PM**

## Committee Updates (continued from page 4)

**Pathology committee** has formed an Immunohistochemistry subcommittee that has formed 7 workgroup:

- 1) Standardization of a new test: Primary antibody characterization (western blot, ELISA, etc.); Reference controls (human vs. animal vs. same species); Antigen retrieval: comparison of results among several AR methods; Dilutions of primary antibody, incubation times; Choice of the detection system (systems currently used in different labs)
  - 2) Validation of a test: External and internal validation; Knowledge of the primary antibody (production, epitope recognized, homology among species, etc.); cross-reactivities among species, infectious agents, cell types or cell antigens; Fixation kinetics
  - 3) Controls: Negative: tissue and reagent; Positive: tissue and reagent; Monoclonal antibody; Polyclonal antibody
  - 4) Storage and Handling of reagents: Storage of reagents; Shelf-life of reagents; Incubation conditions
  - 5) Interpretation and QA/QC: Daily QA/QC; External QA/QC; IHC report
  - 6) Troubleshooting protocol: No staining; Inadequate staining; Background
- Contact Matti Kuipel at [Kiupel@dcpah.msu.edu](mailto:Kiupel@dcpah.msu.edu), for further information.

**Epidemiology committee:** Action on developing guidelines for in-house assay validation is pending posting/release of the USDA/APHIS/ARS guidelines for assay validation as relates to foreign animal disease assays.

**Virology Committee:** Comments on the draft QA guidelines for accreditation of virology have been incorporated and a final draft will be sent to the Virology QA guidelines subcommittee. Anyone interested in receiving this final version contact Fernando Osorio at [fosorio@unl.edu](mailto:fosorio@unl.edu). The final document will be provided to the AAVLD Accreditation committee.

### **AAVLD/USAHA Joint Animal Health Information Systems Committee:**

Oversight of design, implementation and expansion of the National Animal Health Reporting System (NAHRS) has constituted the principal activity of the committee between meetings. However, the shifting emphasis towards emergency preparedness and management in case of accidental or intentional introduction of catastrophic animal disease and the need for rapid, accurate and transparent animal health and disease information, will lead to expansion of the committee's activities. Animal Health Information Systems Committee's activities support all surveillance and monitoring systems. Information systems will be crucial in efforts of exclusion or control and eradication of catastrophic and non-catastrophic agents.

Activities related to the NAHRS may be reduced when VS implements their response to USAHA resolution #2 directing USDA, APHIS, VS to clearly define the NAHRS as a cooperative, not voluntary, program for all industries and States that request USDA certification of animal products for export. VS plans to:

1. Increase communication to all States to assure their awareness of this resolution and VS plans;
2. Prepare a plan to seek cooperation and awareness of NAHRS in non-participating States;
3. Establish and publish an effective date for this change;
4. Establish written policy to utilize NAHRS information during the review of requests for USDA certification; and
5. Establish written policy to identify consequences and protocols for use in the event that a State or industry is not participating in NAHRS after the effective date of this change.

Coordination of information on testing / diagnosing / reporting of diseases / disease agents either not listed in OIE list B, or not present in this country and introduction could have a major negative impact may be the focus of our future activities.

A NAHRS aquaculture working group had been established and criteria for Viral Hemorrhagic Septicemia, Spring Viremia of Carp, Infectious Hematopoietic Necrosis, Epizootic Hematopoietic Necrosis, and Oncorhynchus masou Virus Disease reporting were defined. These are all list B diseases, and only commercial food fish were covered for NAHRS.

# USAHA/AAVLD Registration

Please Print – Check All Spaces Applicable

Dr.   
 Mr.   
 Ms.

\_\_\_\_\_

Last Name                                      First Name                                      Initial                                      Hotel

\_\_\_\_\_

Address    City    State    Zip

\_\_\_\_\_

Affiliation    Phone No: \_\_\_\_\_

\_\_\_\_\_

E-Mail    Fax No: \_\_\_\_\_

Please Print Clearly

**PLEASE CHECK APPLICABLE BOXES**

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

**Please Remit To:**

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

Fax: 804-285-3367  
 Preregistration Deadline – **Sept. 12, 2003**

Preregistration (Members)	\$200.00	\$ _____
Preregistration (Non-Members)	\$350.00	\$ _____
Pre-registration (Life Member)*	\$100.00	\$ _____
Spouses Registration	\$ 50.00	\$ _____
Registration At Meeting (Members)	\$250.00	\$ _____
Registration At Meeting (Non-Members)	\$350.00	\$ _____
Registration At Meeting (Life Member) *	\$125.00	\$ _____
U.S.A.H.A. Annual Dues – 2004	\$100.00	\$ _____
A.A.V.L.D. Annual Dues – 2004	\$ 75.00	\$ _____
A.A.V.L.D. Graduate Student Registration	\$100.00	\$ _____
A.A.V.L.D. Graduate Student Dues - 2004	\$ 25.00	\$ _____
Prayer Breakfast	\$ 15.00	\$ _____
<b>Total</b>		<b>\$ _____</b>

**Office Use Only:**

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Date: \_\_\_\_\_

Check No: \_\_\_\_\_

Amount: \_\_\_\_\_

USAHA'S Federal ID No: #21-6008168  
 \*Per Bylaws of USAHA, Article III-Members Section g.

**PAYMENT METHOD:**

Enclose your personal check, money order, or credit card information as indicated below: Please make checks payable to USAHA. Credit card payments will be processed by AAVLD.

- Check
- Money order
- Master card
- Visa

Credit Account Number: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Expiration Date: \_\_\_\_\_ - \_\_\_\_\_ Cardholder Name: \_\_\_\_\_  
Month      Year

Cardholder Signature: \_\_\_\_\_

## Spouse's Registration

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

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

\_\_\_\_\_

\_\_\_\_\_

**For Information on the Area click on [www.towncountry.com](http://www.towncountry.com) and see area attractions.**

PLEASE DON'T FORGET – MAKE CHECK OR MONEY  
ORDER PAYABLE TO TOWN & COUNTRY RESORT.  
PLEASE DO NOT SEND CURRENCY

CANCELLATION POLICY: Deposits refundable if reservation  
is cancelled 48 hours in advance of arrival date. **Be sure to  
record your cancellation number.**

**UNITED STATES ANIMAL HEALTH ASSOCIATION  
And  
AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS  
2003 ANNUAL CONFERENCE  
OCTOBER 9 – 16, 2003**

<b>PLEASE RESERVE ACCOMODATIONS FOR (PLEASE PRINT OR TYPE)</b>			
<b>NAME:</b>		<b>COMPANY:</b>	
<b>ADDRESS:</b>			
<b>CITY/STATE/ZIP:</b>			
<b>SHARING ROOM WITH:</b>			
Additional charge of TWENTY DOLLARS (\$20.00) for each EXTRA PERSON Over Two Persons per Room			CHILDREN UNDER 18 FREE WHEN STAYING WITH PARENTS AND UTILIZING EXISTING BEDS.
<b>SIGNATURE:</b>			
PLEASE INCLUDE FIRST NIGHT'S DEPOSIT BY CHECK OR DEPOSIT CAN BE CHARGED TO ONE OF THE FOLLOWING CREDIT CARDS TO CONFIRM YOUR RESERVATION			
<input type="checkbox"/> AMEX	<input type="checkbox"/> DINERS	<input type="checkbox"/> MASTER CARD	CC#
<input type="checkbox"/> CARTE BLANCHE	<input type="checkbox"/> DISCOVER	<input type="checkbox"/> VISA	EXPIRATION DATE:
CIRCLE RATE: ACCOMODATION	Royal Palm Tower	Regency Tower/Courtyard	Garden
<b>SINGLE (1 person)</b>	\$135.00	\$125.00	\$116.00
<b>DOUBLE (2 persons)</b>	\$135.00	\$125.00	\$116.00
<b>TRIPLE (3 persons)</b>			
<b>QUAD (4 persons)</b>			
	Smoking ©	Non-Smoking ©	
			Estimated Time of Arrival: _____ Arrival Date: _____ Departure Date: _____  (Check in 3:00 p.m. – Check-out 11:00 a.m.)  <b>Reservations processed before: September 17, 2003 (cut off date)</b> receive priority consideration at Town & Country. Overflow housing arrangements will be made as necessary

**RATES PLUS PREVAILING TAX.**

If rate requested is not available, nearest available rate will be assigned.

Convention Rate will be extended 3 days before and 3 after meeting on availability basis only. Sorry! No Pets.

**RESERVATIONS: (800) 772-8527 or Fax: 619-291-3584**

On-Line: <http://www.secure-res.com/group/login.asp?hotelid=588> use conference code USAHA03 as password

**2003 TENTATIVE AGENDA**  
**107<sup>TH</sup> ANNUAL MEETING UNITED STATES ANIMAL HEALTH ASSOCIATION and**  
**46<sup>TH</sup> ANNUAL CONFERENCE OF AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS**

**ANNOUNCEMENTS**

USAHA/AAVLD HEADQUARTERS HOTEL – The Town and Country Lodge, San Diego, CA, Telephone number 1-800-772-8527 for hotel reservations or online at <http://www.secure-res.com/group/login.asp?hotelid=588>. Conference code (password) USAHA03.

**USAHA/AAVLD REGISTRATION**

Thursday, October 9 – 2:00pm-5:00pm  
Friday, October 10 - 12:00noon-5:00pm  
Saturday, October 11 - 8:00am-5:00pm  
Sunday, October 12 - 8:00am-5:00p

Monday, October 13 - 8:00am-5:00pm  
Tuesday, October 14 - 8:00am-5:00pm  
Wednesday, October 15 - 8:00am-5:00pm

**REGISTRATION FEES**

Member's Pre-registration Fee: \$200.00  
Member's Registration Fee at Meeting: \$250.00  
Life Member Registration Fee at Meeting\*: \$125.00  
Spouse's Registration Fee: \$50.00  
AAVLD Annual Dues – 2003: \$75.00  
AAVLD Graduate Student Dues 2003 - \$25.00  
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.

Non-Members Pre-registration Fee: \$350.00  
Life Member Pre-registration Fee\*: \$100.00  
Non-Members Registration Fee at Meeting: \$350.00  
USAHA Annual Dues - 2003: \$100.00  
AAVLD Graduate Students Registration 2002 - \$100.00  
Prayer Breakfast - \$15.00

**AAVLD EXHIBITS/POSTERS**

Saturday, October 11 – 12:00noon-5:00pm      Sunday, October 12 – 8:00am-3:30pm      Monday, October 13 – 8:00am-1:00pm

**AAVLD INFORMATION DESK**

Friday, October 10 – 2:00-5:00pm      Saturday, October 11 - 8:00am-5:00pm  
Sunday, October 12 - 8:00am-5:00pm      Monday, October 13 - 8:00am-12:00noon

**BULLETIN BOARD**

The Bulletin Board will be located at the registration desk. 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 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 TBA. Mr. Larry Mark will be in charge of the Press Room. There will be an area set aside to read committee report.

**USDA, APHIS WORK ROOM** located in the Royal Palm 1 Room

**SPEAKER READY ROOM**

Friday – 12:00noon-5:00pm      Saturday – 7:00am-5:pm  
Sunday – 7:00am-5:00pm      Monday – 7:00am –12:00noon

**DAILY EVENTS**

**THURSDAY – OCTOBER 9, 2003**

**AAVLD Approved Methods Committee** – 9:00am-12:00noon;  
**National Milk Producers Federation** – 12:00noon-9:00pm;  
**AAVLD Anaerobic Bacteriology Workshop** – 8:00-5:00pm;  
**AAVLD Long Range Planning** – 5:30-7:30pm;  
**AAVLD Food Safety Committee** – 6:30-8:30pm;  
**AAVLD Accreditation committee** 1-5pm,  
**Pilot NAHLN Lab Directors meeting**, 7:00pm to 9:00pm

**FRIDAY – OCTOBER 10, 2003**

**CL Davis Diagnostic Reproductive Pathology** 8:00am -5:30pm,  
**AAVLD Financial Advisory Committee** - 7:30-8:30am;  
**AAVLD Subcommittee on Bacteriology and Mycology** - 8:00am-12:00noon;  
**AAVLD Publications Committee** – 8:00-10:00am;  
**AAVLD Quality Managers Committee** – 10:00-12:00am;  
**AAVLD Emergency Preparedness Committee** – 8:00-11:00am  
**AAVLD Accreditation Committee** - 8:00am-12:00noon;  
**Johne's Working Group** – 8:00am-6:00pm;  
**AAVLD Epidemiology Committee** – 10:00am-12:00noon;  
**AAVLD Virology Committee** - 1:00-4:00pm;  
**AAVLD Subcommittee on Antimicrobial Susceptibility Testing** - 1:00-3:00pm;  
**AAVLD Executive Board** - 1:00-5:00pm;  
**ABVT Executive Board** – 1:00-2:00pm;



AAVLD Informatics Committee - 1:00-3:00pm;  
AAVCT Annual Meeting – 2:00-3:00pm;  
AAVCT – Veterinary Toxicology Case Presentations – 3:00-4:30pm;  
AAVLD Enteric Diseases Committee – 3:00-5:00pm;  
AAVLD Serology Committee - 4:00-6:00pm;  
AAVLD Editorial Board of JVDI – 4:00-6:00pm;  
AAVLD Constitution and Bylaws Committee – 5:00-6:00pm;  
USAHA Allied Industry and Executive Committee - 5:00-6:00pm;  
USAHA Executive Committee - 6:00-8:00pm;  
AAVLD Foundation Committee – 8:00-9:00pm;

**SATURDAY – OCTOBER 11, 2003**

Trek Breakfast, 6:30-8:00am  
AAVLD –First Plenary session – 8:00-9:45am;  
National Animal Health Emergency Management Steering Committee – 8:00am-5:00pm;  
AAVLD –Scientific Session (continuation of Plenary or session 1)– 10:00-11:15am;  
AAVLD –Scientific Session 2– 10:00-11:15am;  
AAVLD –Scientific Session 3– 10:00 -11:15am;  
AAVLD House of Delegates and General Membership – 11:15am-12:00noon;  
AAVLD Exhibits and Poster Session - 12:00noon-5:00pm; Exhibit Hall.  
Feral Swine Committee - 1:00-4:00pm;  
AAVLD –Scientific Session 4– 1:00-3:00pm;  
AAVLD –Scientific Session 5– 1:00-3:00pm;  
AAVLD –Scientific Session 6– 1:00-3:00pm;  
AAVLD –Scientific Session 7– 1:00-3:00pm;  
AAVLD Administrative Management Personnel Committee - 1:00-5:00pm;  
American Horse Council Health and Regulatory Committee – 1:00-5:00pm;  
National Association of Federal Veterinarians – 2:00-5:00pm;  
USAHA Public Relations Committee - 3:00-5:00pm;  
AAVLD Veterinary Analytical Toxicology & Mycotoxins and USAHA Environmental Residues Committee – 3:30- 6:30pm;  
AAVLD Diagnostic Bacteriology Case Reports –3:30-6:00pm;  
AAVLD Government Relations Committee – 3:30-5:30pm;  
AAVLD Membership Committee – 5:00-6:00pm;  
AAVLD Histopathology Slide Seminar - 3:30-6:00pm;  
AAVLD Laboratory Directors Committee - 5:30-8:00pm;  
Board of Directors of the American Assoc. of Food Hygiene Veterinarians - 6:00-10:00pm;  
USAHA Program Committee – 6:00-8:30pm; Lewis Room.  
AAVLD Bacteriology Steering Committee - 8:00-10:00pm;  
Trek Dinner 6:30pm-9:30pm

**SUNDAY – OCTOBER 12, 2003**

Prayer Breakfast – 6:30-8:00am;  
USAHA Brucellosis Subcommittee on Education - 8:00am-12:00noon;  
AAVLD Exhibits and Posters - 8:00am-3:30pm; 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;  
National Assembly of Chief Livestock Health Officials Meeting & Luncheon - 8:00am-12:00noon;  
AAVLD –Scientific Session 8- 8:00am-12:00noon;  
AAVLD –Scientific Session 9–8:00-12:00noon;  
AAVLD Administrative Management Personnel Committee - 8:00am-12:00noon;  
National Cattlemen’s Beef Association - 8:30am-12:00noon;  
USAHA Scientific Advisory Sub-Committee on Brucellosis – 9:00am-12:00noon;  
AAVLD –Scientific Session 10– 8:00am-12:00noon  
AAVLD –Scientific Session 11–8:00-12Noon ;  
NMPF/Animal Disease Committee - 11:00am-4:00pm;  
AAVLD Pathology Committee – 12:00noon-2:00pm;  
USAHA Brucellosis Committee - 12:30-5:30pm;  
USAHA Food Safety Committee - 12:30-5:30pm;  
USAHA Infectious Diseases of Horses Committee - 12:30-5:30pm;  
USAHA Salmonella Committee - 12:30-5:30pm;  
APHIS/VS Managers Workshop Conference - 1:00-5:00pm  
USAHA Mycoplasma Subcommittee of Poultry – 1:00-5:00pm;  
AAVLD Laboratory Safety/Waste Disposal Committee – 1:00-5:00pm;  
USAHA/AAVLD Aquaculture Committee – 1:00-5:00pm;



USAHA/AAVLD Animal Disease Information Systems Committee – 1:00-5:00pm;  
District at Large (Allied, Industry and Regional) - 1:00-3:00pm;  
USAHA Scientific Advisory Sub-Committee on Tuberculosis – 3:30-5:30pm;  
USAHA Orientation for New Members – 4:30-5:30pm;  
USAHA/AAVLD President's Reception and Dinner - 5:30-6:45pm;  
USAHA/AAVLD General Session - 7:00-8:00pm;

**MONDAY – OCTOBER 13, 2003**

AAVLD Past Presidents Breakfast - 6:30-8:00am;  
AAVLD Exhibits and Posters - 8:00am-1:00pm;  
USAHA Business Session – 8:00-8:30am;  
USAHA/AAVLD Plenary Scientific Session – 8:30-11:30am;  
AAVLD House of Delegates - 11:30am-12:30pm,  
Spouses Brunch - 9:30-12:00noon;  
State Directors of Meat Inspection – 12:30-5:30pm;  
USAHA Animal Welfare Committee – 12:30-5:30pm;  
USAHA Biologics and Biotechnology Committee - 12:30-5:30pm;  
USAHA Bluetongue and Bovine Retrovirus Committee - 12:30-5:30pm;  
USAHA Foreign and Emerging Diseases Committee - 1:00-5:30pm;  
USAHA Infectious Diseases of Cattle, Bison and Lama Committee - 12:30-5:30pm;  
USAHA Sheep and Goat Committee – 12:30-5:30pm;  
USAHA Transmissible Diseases of Poultry Committee - 12:30-5:30pm;  
USAHA Tuberculosis Committee – 12:30-5:30pm;  
AAVLD Committee Chairs and Program Committee – 1:30-4:00pm;  
AAVLD Executive committee 4:00-5:00pm  
American Association of Avian pathologist Liaison with AVMA – 5:00-7:00pm;

**TUESDAY, OCTOBER 14, 2003**

Northeast Breakfast - 6:30-8:30am;  
North Central Meeting and Breakfast - 7:00am-12:00noon;  
Southern Animal Health Association Breakfast - 7:00-9:00am;  
Western States Livestock Health Association Breakfast and Meeting - 7:00am-12:00noon;  
Directors of State Meat Inspection - 8:00am-5:30pm;  
Special Session on Future directions in Laboratory facilities/programs - Plum Island/NVSL - 9:00am-12:00 noon;  
National Scrapie Oversight Committee - 9:00am-3:00pm;  
USAHA/AAVLD Board of Directors Luncheon – 12:00noon-1:30pm;  
USAHA Feed Safety Committee – 12:30-5:30pm;  
USAHA Foreign and Emerging Diseases Committee - 12:30-5:30pm;  
USAHA Import-Export Committee – 12:30-5:30pm;  
USAHA Johne's Disease Committee - 12:30-5:30pm;  
USAHA Livestock Identification Committee – 12:30-5:30pm;  
USAHA Pseudorabies Committee – 12:30-5:30pm;  
USAHA Public Health and Rabies Committee – 12:30-5:30pm;  
USAHA Transmissible Diseases of Poultry Committee –12:30-5:30pm;  
USAHA Tuberculosis Committee – 12:30-5:30pm;  
USAHA Wildlife Diseases Committee – 12:30-5:30pm;  
USAHA Board of Directors –6:00;

**WEDNESDAY, OCTOBER 15, 2003**

USAHA Past President's Breakfast - 7:00-9:00am;  
USAHA Captive Wildlife and Alternative Livestock Committee – 7:00am-12:00noon;  
USAHA Johne's Disease Committee - 7:30-12:00noon;  
USAHA Parasitic Diseases Committee – 7:00am-12:00noon;  
USAHA Pharmaceuticals Committee – 7:00am-12:00noon;  
USAHA Transmissible Diseases of Swine Committee – 7:00am-12:00noon;  
USAHA General Session – Scientific Section - 1:00 -3:30pm;      Break - 3:30-3:45pm      Business Section – 3:45-4:30pm  
USAHA Board of Directors - 5:00pm;

**THURSDAY, OCTOBER 16, 2003**

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

**FRIDAY, OCTOBER 17, 2003**

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

## CALL FOR PAPERS

46<sup>th</sup> Annual AAVLD Meeting, October 9-16, 2003

### Deadline for Abstracts: MAY 15, 2003

Papers and posters are being solicited on laboratory procedures, techniques, and research that apply to the activities of veterinary laboratory diagnosticians. Papers and posters from all diagnostic laboratory disciplines and animal species are needed for a well-balanced program. Investigative case reports are appropriate and encouraged. Presentations are limited to 15 minutes. The AAVLD Program Committee will review abstracts. Corresponding authors will be notified of acceptance by July 15, 2003.

FORMAT: Send as an e-mail attachment or a hard copy and disk with the abstract (in Word 6.0 or older or Word Perfect 6.1 or older). All abstracts should be one page or less. Format the body of the abstract with one-inch margins using Times New Roman 11-point font. Center and bold the title. Center authors below the title with initials followed by last name. Place location of authors one line below the body of the abstract text. Abstracts should be accurate and complete. Statements such as "results to be discussed" are not acceptable. Previous meeting proceedings should be examined for style.

When submitting your abstract, please provide all of the following information:

- [1] whether you plan to use an LCD computer presentation;
- [2] whether the submission is to be considered for the graduate student competition;
- [3] whether you desire an oral presentation, poster, or either;
- [4] what disciplinary session you prefer (microbiology, toxicology, pathology, epidemiology, avian/aquatic); and
- [5] the name, address, phone, fax, and e-mail address of the corresponding author.

AAVLD Foundation Graduate Student Awards of \$500 each are given for best poster and best presentation. Note: Graduate student presentations must be indicated on the abstract to qualify.

Submit abstracts to: Dr. Willie M. Reed, Diagnostic Center for Population and Animal Health, Michigan State University, B645 West Fee Hall, East Lansing, MI 48824-1315; Phone 517-353-0635, Fax 509-335-7424, e-mail [reed@dcpah.msu.edu](mailto:reed@dcpah.msu.edu).

Publication of Proceedings: Manuscripts are encouraged for all papers and posters selected for presentation at the annual meeting. Those accepted by the editor after scientific peer review will be published as refereed journal articles in the *Journal of Veterinary Diagnostic Investigation*. Guidelines for format and style of manuscripts can be found in the journal. Authors are encouraged to submit their manuscripts to the editor for processing prior to the meeting, if possible.

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## SATURDAY HISTOPATHOLOGY SLIDE SEMINAR

October 11, 2003, San Diego, CA, 3:30- 6:00 pm.

Short, interesting, and educational cases are requested for the Saturday Histopathology Slide Seminar. We particularly welcome submission of challenging, cautionary or emerging disease entities where feedback is sought. Presentations are 5 minutes in length, with another 3 minutes for discussion. A copy of abstracts will be available at the seminar, and posted on the AAVLD website.

Abstracts should be no more than one page long, single-spaced in 11 pt Times New Roman font

**DUE DATE for submission of abstracts and HE slide: July 5, 2003**

Please mail the typed abstract and one HE slide of the lesion to:

Dr. Sheila Grimes, Ohio Department of Agriculture, 8995 E. Main St., Reynoldsburg, OH 43068-3399, [grimes@odant.agri.state.oh.us](mailto:grimes@odant.agri.state.oh.us)  
phone: 614-728-6300 and

email copy of abstract to: Dr. Tanya Lemire, South Dakota State University, ADRDL, Box 2175, North Campus Drive. Brookings, SD 57007-1396. ph 605-688-5643, emailto:[Tanya\\_Lemire@sdstate.edu](mailto:Tanya_Lemire@sdstate.edu)

If multiple authors are on the abstract, please identify which individual will make the presentation. Authors will be **notified** of whether the presentation is **accepted by August 1**. Presenters of accepted abstracts must supply a set of 60 glass slides to the moderator by September 1, 2003 to allow review of slides by AAVLD members before the meeting.

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## DIAGNOSTIC BACTERIOLOGY CASE PRESENTATIONS

October 11, 2003, San Diego, CA, 3:30-6:00 pm

Come and join an interesting and informative discussion group. We need your case presentations in order to make this gathering a success. All presentations are informal – yours will be welcome! Send **title of presentation** to Dr. Karen Post at [karen.post@ncmail.net](mailto:karen.post@ncmail.net) or phone 919-733-3986 or fax 919-733-0454 by **September 1, 2003**.

# ANAEROBIC WORKSHOP

San Diego AAVLD meeting Thursday, October 9, 2003, 8:00am - 5:00pm

The workshop sponsored by the Bacteriology/Mycology/Anaerobic group will be presented by Mike Cox and associates of Anaerobe Systems, Inc.

This is a great workshop for bench microbiologists to learn about anaerobic bacteriologic techniques which will include theory, culture techniques, identification and new information about anaerobic antimicrobial susceptibility testing.

**There are 50 slots available which will be filled on a first come first served basis.**

Contact William H. Fales, PhD at Falesw@Missouri.edu or phone: 573-882-6811 for questions.

.....  
**REGISTRATION FORM FOR AAVLD ANAEROBE WORKSHOP**

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

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

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

City/State/Country/ Zip code: \_\_\_\_\_

**REGISTRATION FEE: \$ 70.00** The fee will cover books, speaker costs and coffee. Lunch is not included.  
**Payments should be made payable to AAVLD in USD by check, VISA, Master Charge or international money order.**  
**Please send payment with this form to:**  
**AAVLD, PO Box 1770, Davis, CA 95617 USA or Fax: 530-752-5680**

*CrHllk CDrd 3 DymHht lufRrmDIRn:*

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## CL DAVIS SYMPOSIUM: DIAGNOSTIC REPRODUCTIVE PATHOLOGY

October 10, 2003, Friday, 8am- 5:30pm , Town and Country Hotel, San Diego, CA  
in conjunction with AAVLD annual meeting

The Charles Louis Davis DVM Foundation will be conducting an eight-hour continuing education symposium entitled "Diagnostic Reproductive Pathology" on October 19, 2003. Course Director Matti Kiupel of Michigan State University, and faculty members Lenn Harrison (University of Kentucky Diagnostic Laboratory, Lexington), Mark Anderson (University of California Animal Health and Food Safety System), Dave Steffen (University of Nebraska Diagnostic laboratory) and Mike Yaeger (Iowa State University Veterinary Diagnostic Laboratory).

Topics that will be covered include reproductive pathology particularly abortion diagnostics in equine, bovine and swine including use of newer technologies in abortion diagnostics and new and emerging congenital diseases and their causes. Didactic lectures will be combined with audience participation to result in an engrossing day-long seminar. CL Davis is an approved CE provider.

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

**Tuition of \$125 includes refreshments, CD of presentations and continuing education credits.**  
**Please Pre-register to guarantee receipt of materials. Registration is through CL Davis and is separate from meeting registration fees.**

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

## AAVLD TRAINEE TRAVEL AWARD

The American Association of Veterinary Laboratory Diagnosticians is soliciting applications for Trainee Travel Awards. These \$500 awards are open to applicants from all training programs in diagnostic medicine to help defray the cost of travel and lodging to the Annual AAVLD meeting. The successful applicant must be primary author of a platform or poster presentation in the scientific session of AAVLD and must submit:

- 1) copy of the abstract to be submitted;
- 2) a letter stating why the applicant is interested in attending the meeting,
- 3) a 1 page biographical data sheet; and
- 4) two letters of support from AAVLD members.

The application materials must be mailed or faxed to: Dr. Pat Blanchard, California Animal Health and Food Safety Laboratory System, 18830 Road 112, Tulare, CA 93274 or FAX: 559-686-4231

**The deadline for receipt of all application materials is May 5th, 2003.** The letters of support should be sent with the application and not sent separately. Email applications WILL NOT be accepted. The interest statement (maximum of one page) MUST NOT have the candidate's name or affiliation on it except for a signature and date at the bottom of the page. Applicants who do not submit complete applications before the deadline or whose applications do not adhere to the above guidelines will not be considered.

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AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS  
TRAINEE TRAVEL AWARD

**Deadline for Applications: Monday, May 5th, 2003**

### Trainee Travel Award

To promote the attendance of trainees in all disciplines of diagnostic medicine, the AAVLD is offering competitive \$500 Travel Awards to offset travel expenses to the Annual AAVLD Meeting in San Diego.

Please specify your discipline (select one): Bacteriology \_\_\_ Epidemiology \_\_\_ Immunology \_\_\_ Molecular Diagnostics \_\_\_ Pathology \_\_\_ Toxicology \_\_\_ Virology \_\_\_ Other (write in) \_\_\_\_\_

Candidate name: \_\_\_\_\_

Position: \_\_\_\_\_ No. of years in position: \_\_\_\_\_

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

Institution: \_\_\_\_\_

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

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Abstract Title (attach copy of abstract) : \_\_\_\_\_

Recommendation 1:  
Name \_\_\_\_\_

Position: \_\_\_\_\_ Member AAVLD? \_\_\_\_\_

Recommendation 2:  
Name \_\_\_\_\_

Position: \_\_\_\_\_ Member AAVLD? \_\_\_\_\_

Statement of Interest

(see instructions. Use separate page from above with signature and date at bottom)

# FOUNDATION DONORS

The aims of the AAVLD Foundation are to support the following activities:

- Education - Scholarship Programs & Advanced Training in Diagnostic Medicine
- Research Programs in Diagnostic Medicine
- Guest Lectures and Seminars
- Awards - Graduate student poster and presentation. Outstanding manuscripts in JVDI

As of March 26, 2003 foundation donations had been received from 36 individuals during the period of August 2002 through March 2003 totaling \$2,900. The following is a breakdown of the donations made during this period and of donations made in the previous three years:

Designation	2000	2001	2002	2003
Undesignated Donation	\$1,710.00	\$5,465.00	\$2,780.00	\$1,860.00
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<b>Total Donations</b>	<b>\$1,710.00</b>	<b>\$6,465.00</b>	<b>\$3,340.00</b>	<b>\$2,900.00</b>

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# Meeting Announcements

April 6-10, 2003, **NIAA Annual Meeting 2003** at the Westin, Cincinnati, Ohio, (513) 852-2723. For further information see the website at: [http://animalagriculture.org/annual\\_meeting/Annual\\_Meeting.asp](http://animalagriculture.org/annual_meeting/Annual_Meeting.asp)

April 9, 2003. **International Society of Veterinary Dermatopathology** annual meeting in conjunction with meeting of the **American Academy of Veterinary Dermatology and American College of Veterinary Dermatology** (April 9th - 12th) in Monterey, California. Program details <http://www.vetcutis.freeseerve.co.uk> Meeting registration information Emily Walder (ejwalder@gte.net)

April 26-30, 2003, **4th International Conference on the Molecular Biology and Pathogenesis of the Clostridia** in Woods Hole, MA. Information, including program, can be accessed at [www.ouhsc.edu/cp2003/](http://www.ouhsc.edu/cp2003/). There will be an animal disease session.

April 29-30, 2003 **Northeast Animal Health Association**- Concord, NH. Includes presentation on eHealth Certificates.

May 1-2, 2003, **Education Committee of the Society of Quality Assurance**: Training in Seattle, practical info for anyone interested in lab and process quality. See website for details: <http://www.sqa.org/Training/GLP.htm>. Tailored to GLP labs, but useful to Vet Diagnostic Lab QA & others: skills for auditors -Negotiation, communication, conflict resolution and facilitating; Current Trends in SOPs and Protocols; Practical Tips for Auditing Analytical Chemistry Data; Lab Inspections; QA's Role in Computer Validation.

May 4-7, 2003 **Southern Animal Health Association** - Ashville, NC. Includes presentation on eHealth Certificates.

May 6-22, 2003, **OIE Veterinary Biologics Training Program**, ISU, College of Veterinary Medicine, Ames, Iowa, USA. Web site: <http://www.vm.iastate.edu/services/institutes/iicab/vbtp03.html>.

May 17-18, 2003, **Southeastern Veterinary Pathology Conference (SEVPAC)** at the Rural Development Center in Tifton, Georgia. Dr. Elizabeth Howerth, University of Georgia, will speak on current topics in wildlife diseases, including CWD and WNV. 60 cases presented in 7 hours last year. General registration fee is \$35. Graduate students register for \$15. Fee covers meeting and handouts, refreshments, social hour and Saturday night dinner. For more information contact [pprnl@clemson.edu](mailto:pprnl@clemson.edu)

June 4-6, 2003. **Containment Level 3 Facilities: Design and Operation** in Ottawa, Ontario. Contact Andréanne Bonhomme, Tel (613) 957-1779, Fax (613) 941-0596, [andreanne\\_bonhomme@hc-sc.gc.ca](mailto:andreanne_bonhomme@hc-sc.gc.ca) and/or Elizabeth Rohonczy, Tel (613) 225-2342 ext 3702, Fax (613) 228-6129, [RohonczyL@inspection.gc.ca](mailto:RohonczyL@inspection.gc.ca). Hotel Reservations: COURTYARD Marriot Ottawa, (613)-241-1000, Code: "OLS". Objective: become familiar with the design/operational concepts associated with Canadian Level 3 laboratories. Lectures by experts in the biosafety field and small group exercises. Discussion of both health and agricultural Canadian containment standards.

June 8-10, 2003. **Association of Public Health Laboratories Annual Meeting**. Richmond Marriott which is located at 500 E. Broad St., Richmond, VA. Hotel Reservations at 800/228-9290. [http://www.aphl.org/National\\_Conferences/2003\\_annual\\_conference/](http://www.aphl.org/National_Conferences/2003_annual_conference/)

June 8-13, 2003. **3<sup>rd</sup> Biennial Foreign Animal Disease Training Course**. University of Wisconsin- Madison, School of Veterinary Medicine. Experts from Africa, Europe and United States on recognition, diagnosis and control of foreign animal diseases. Detailed information can be found at: [www.vetmed.wisc.edu/pbs/courses/FAD2003](http://www.vetmed.wisc.edu/pbs/courses/FAD2003).

June 9-10, 2003. **42<sup>nd</sup> Annual North Central Conference of Veterinary Laboratory Diagnosticians**, Minneapolis, MN at the Radisson Hotel Metrodome, University of Minnesota campus. **Call for Papers- deadline is April 30** submit via email to [vop@umn.edu](mailto:vop@umn.edu) Preregister by May 15 by Fax: 612-625-5755, on-line: [www.cvm.umn.edu/outreach](http://www.cvm.umn.edu/outreach), email: [vop@umn.edu](mailto:vop@umn.edu) or phone: 800-380-8636. Conferencees are responsible for their own hotel reservations call Radisson at 612-379-8888. Conference rate is \$99; indicate you are with the NCCVLD meeting for discount.

June 22-26, 2003, **11<sup>th</sup> International Symposium of the World Association of Veterinary Laboratory Diagnosticians and OIE Seminar on Biotechnology** at the Sofitel Central Plaza, Bangkok, Thailand. Website <http://www.tavld.or.th/symposium/> or email Dr. Kunavongkrit at [annop.k@chula.ac.th](mailto:annop.k@chula.ac.th) or Dr. Prachak at [prachak@mail.car.chula.ac.th](mailto:prachak@mail.car.chula.ac.th)

July 14-18, 2003. **3<sup>rd</sup> International Veterinary Vaccines and Diagnostics Conference**. Guelph, Ontario, Canada. Ontario Veterinary College (OVC), University of Guelph, will host at Guelph. See IVVDC website at <http://www.ovc.uoguelph.ca/ivvdc/ns4/default.asp>

July 17-18, 2003, **Diseases at the Interface Between Domestic Livestock and Wildlife Species**, Scheman Conference Center, Ames, Iowa, USA. Web site: [www.nadc.ars.usda.gov/events](http://www.nadc.ars.usda.gov/events)

September 18-21, 2003, **4th International Conference on Emerging Zoonoses**, Scheman Conference Center, Ames, Iowa, USA. Web site: [www.zoonoses2003.com](http://www.zoonoses2003.com)

October 9-16, 2003, **American Association of Veterinary Laboratory Diagnosticians (46<sup>th</sup> annual) and United States Animal Health Association (107<sup>th</sup> annual)** meeting at the Town and Country Hotel in San Diego, CA.

October 12-16, 2003, **19<sup>th</sup> annual meeting of the Society of Quality Assurance** -Marriott Crystal Gateway, Arlington, VA USA, See website at [www.sqa.org](http://www.sqa.org) for details.

October 26-29, 2003. **3<sup>rd</sup> International Symposium on Bluetongue** will be held in Taormina (Sicily - Italy), Bluetongue diagnostics control and trade implications. See website at [www.bluetonguesymposium.it](http://www.bluetonguesymposium.it)

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## Position Announcements

**Laboratory Director.** North Carolina Department of Agriculture and Consumer Services, Veterinary Division announces position opening for a laboratory director based at Rollins ADDL in Raleigh to direct the Animal Disease Diagnostic Laboratory (ADDL) system in support of the Department's regulatory, diagnostic, and educational activities. The laboratory director reports to the State Veterinarian. Responsibilities include diagnostic and regulatory services, quality assurance programs, and oversight of a five-laboratory system. The Rollins laboratory is AAVLD accredited and a participant in the USDA National Animal Health Laboratory Network. Qualifications: Doctor of Veterinary Medicine degree from an AVMA accredited veterinary college or certification by the AVMA's Educational Commission for Foreign Veterinary Graduates and a Master of Science in an allied field related to diseases of livestock and/or poultry and minimum of five (5) years of diagnostic laboratory experience are required. Other qualifications: strong personnel management, public relations and exceptional interpersonal skills; commitment to staff development, leadership ability, fiscal management, and long range planning. Salary commensurate with qualifications. A completed State of North Carolina Application for Employment (PD-107) must be submitted to the Human Resources office. Resumes may be attached, but are not accepted in lieu of a completed application. Mail completed applications to: Human Resources Office, NC Department of Agriculture & Consumer Services, PO Box 27647, Raleigh, NC 27611. Fax (919) 715-4295. Application forms may be downloaded at [www.ncagr.com/employmentapplication.htm](http://www.ncagr.com/employmentapplication.htm).

**Program Manager (Veterinarian II) of Virginia Regional Diagnostic Laboratories.** Office of Laboratory Services, Position #00051. The Virginia Department of Agriculture and Consumer Services is seeking a Program Manager for the Office of Laboratory Services in the Division of Animal, Plant and Food Industry Services. Under the leadership of the Division Director, this position manages Virginia's five regional veterinary diagnostic and regulatory laboratories. Responsibilities include developing and implementing procedures for diagnostic and regulatory testing services, quality assurance, conformity to national standards, safety compliance, administrative processes for record keeping and billing/collection using LIMS, manage budget/fiscal resources and supervise program's staff. This position involves considerable interactions with Virginia livestock and poultry industries, veterinary practitioners and research specialists, federal/state officials, and the general public. Qualifications: Doctor of Veterinary Medicine degree from an AVMA accredited veterinary college or certification by the AVMA's Educational Commission for foreign veterinary credentials and considerable experience in regulatory veterinary diagnostic testing. Specialized diagnostic training is preferred. Requires demonstrated knowledge of animal disease, pathology, microbiology principles and testing methodology. Demonstrated leadership and managerial, exceptional oral/written communication and public relations skills. Demonstrated knowledge of legal principles, policy and regulations development is desirable. Minimum starting salary \$50,000 depending upon qualifications. **A completed Commonwealth of Virginia Application for Employment must be received in the Human Resource Office by 5:00 PM on April 18, 2003.** 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; Hearing Impaired 1-800-828-1120; FAX (804) 371-8879; e-mail address [hr@vdacs.state.va.us](mailto:hr@vdacs.state.va.us).



**Fish Pathologist.** Abbotsford, Salary: \$62,023.66 - \$73,398.07 with Ministry of Agriculture, Food and Fisheries, Animal Health Branch. Fish Pathologist provides leadership in diagnostic pathology, specifically as it applies to farmed fish; diagnostic support for the fish health auditing and surveillance program; diagnoses of the causes of death, disease or lowered production; acts as consultant to fish health veterinarians/salmon farmers; conducts special investigations; develops/writes research grants, contracts and/or proposals to address industry needs. Qualifications - Doctor of Veterinary Medicine from a university of recognized standing or an equivalent degree. Post-graduate training in fish pathology to the level of MVSc, DVSc, MSc, or PhD. Must have broad practical knowledge of veterinary medicine and good understanding of diagnostic techniques used in bacteriology, histopathology, virology, molecular diagnostics, toxicology, and parasitology. Strong working knowledge of aquaculture and fish diseases is essential. Prior to submitting an application you must visit <http://postings.gov.bc.ca/data/006/AF200314541.html> or contact the closing location for a complete list of duties and qualifications. An eligibility list may be established. **Closing Date:Ongoing.** Apply to: Human Resources Branch, 5A-940 Blanshard St, PO Box 9850 Strn Prov Govt, Victoria, BC, V8W 9T5. **For More Information:** Marla Madelung. Phone: (250) 387-7807. FAX: (250) 387-5334

**Diagnostic Pathologist.** Immediate opening in the Pathology Division of the Center for Reproduction of Endangered Species. A DVM or equivalent degree and ACVP Certification or eligibility is required. Regular employment is contingent upon successful completion of ACVP Certification. Experience in pathology of non-domestic animals is also required. Responsibilities include participation in the diagnostic pathology service for both the San Diego Zoo and Wild Animal Park, providing support for field conservation programs, instructing residents, fellows, and veterinary student externs, and conducting independent research. The Department staff includes four other board certified pathologists, a pathology fellow (post-residency), pathology resident, and additional support staff. Excellent salary and benefits package. TO APPLY: Send CV, three professional references, and statement of career goals and availability to: the Human Resources Department, Attn: Scientist #173027, P.O. Box 120551, San Diego, CA 92112-0551. **Deadline: May 1, 2003.** [www.sandiegozoo.org](http://www.sandiegozoo.org). Questions to Bruce Rideout at [brideout@sandiegozoo.org](mailto:brideout@sandiegozoo.org), (619) 231-1515, ext. 4535.

**Assistant/Associate Professor Veterinary Pathology.** The Department of Pathobiology at the University of Florida College of Veterinary Medicine is seeking a veterinary pathologist. Applicants should have a D.V.M. or equivalent degree and a record of accomplishment. A Ph.D. degree and ACVP board certification are preferred, but not required. Responsibilities will focus on two or more of the following areas depending on interest and qualifications of the candidate: 1) teaching pathology to veterinary students; 2) development of a competitive research program; 3) graduate student and resident instruction; 4) participation in the anatomic pathology service; and/or 5) anatomic pathology service administration. For information on the Department programs see ([www.vetmed.ufl.edu/path/path.htm](http://www.vetmed.ufl.edu/path/path.htm)). This position is available at the Assistant/Associate Professor level either in a tenure or clinical track depending on the successful candidate's career direction. The successful candidate, if tenure track, will be expected to develop an independent or collaborative research program in an area of interest. Applicants should submit a letter outlining professional goals, a curriculum vitae, and a list of three professional referees to: Dr. William Castleman, search committee chair, Department of Pathobiology, College of Veterinary Medicine, P.O. Box 110880, University of Florida, Gainesville FL 32611-0880 ([castlemanw@mail.vetmed.ufl.edu](mailto:castlemanw@mail.vetmed.ufl.edu)) **Review of applications will begin after March 15, 2003 and will continue until the position is filled.** The start date for the position is as early as July 1, 2003.

**Veterinary Pathologist.** Temporary full-time from April 2003 to April 2006. The successful candidate will act as a veterinary diagnostic pathologist at the Animal Health Laboratory (AHL), Kemptville facility, providing diagnostic services to veterinarians and producers in eastern Ontario. Position is responsible for obtaining histories, conducting gross and microscopic examinations; selecting/sending samples for further testing; interpreting results, and reporting findings to veterinarians, owners, the Ontario Ministry of Agriculture and Food, the CFIA and colleagues at the University of Guelph; providing consultative services to referring veterinarians; and acting as an expert witness for legal or insurance cases. Hours of the position are 35 hours per week, Monday to Friday, 0830-1630 hrs. Requirements of the position include: licence to practice veterinary medicine in Ontario; advanced training in diagnostic anatomic pathology; proficiency in conducting diagnostic tests and identifying diseases, assessing results and interpreting findings; sound knowledge of zoonoses and reportable diseases; excellent oral, written and interpersonal communication skills; organizational skills; microcomputer skills; ability to interpret and apply provisions of the Occupational Health and Safety Act. Professional and Managerial Group, Classification: P09, Normal Hiring Range: \$57,902 - \$66,587 per annum. 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. For further information, please contact: Grant Maxie, DVM, PhD, Diplomate ACVP Manager, Animal Health Laboratory Laboratory Services Division, University of Guelph Guelph, Ontario, CANADA N1H 6R8, Phone: (519) 824-4120, ext 54544. Fax: (519) 821-8072 Email: [gmaxie@lsd.uoguelph.ca](mailto:gmaxie@lsd.uoguelph.ca) **Website:** <http://ahl.uoguelph.ca>

**Endocrinologist.** Tenure-track position in the Department of Population Medicine and Diagnostic Sciences, College of Veterinary Medicine, Cornell University. Well-trained basic/clinical scientist to fill a predominantly research appointment with additional responsibilities for diagnostic endocrinology in the New York State Animal Health Diagnostic Laboratory (AHDL). The incumbent is expected to develop an extramurally funded biomedical research program in modern endocrinology and must dedicate a portion of time to University-based diagnostic laboratory service, have an interest in applied aspects of veterinary endocrinology, participate in clinical and didactic teaching to veterinary and graduate students, and interact with clinical faculty. Applicants must possess a doctoral degree in a biological field (PhD, DVM, MD or equivalent) and postdoctoral training. Rank and salary commensurate with qualifications. **Applications will be reviewed until the position is filled.** Submit curriculum vitae, letter of intent concerning career goals, and the names and addresses of 3 professional references to: Dr. Hollis Erb, Search Committee Chair, c/o Cathy Andersen, Department of Population Medicine and Diagnostic Sciences, College of Veterinary Medicine, S3 110 Schurman Hall, Cornell University, Ithaca, NY 14853. [www.vet.cornell.edu/public/popmed/jobs/endo.html](http://www.vet.cornell.edu/public/popmed/jobs/endo.html)

**Poultry Scientist in BIOLOGICAL RESEARCH & DEVELOPMENT.** The Poultry Scientist will support poultry research and be responsible for performing laboratory and animal work such as: Developing and performing assays, maintaining lab equipment, collecting clinical specimens, hatching birds, conducting clinical observations and inoculations. In addition, the Scientist will be involved in planning, data capture and analysis, protocol and report writing. This position will work on departmental and interdepartmental teams. **REQUIREMENT:** Bachelors and/or Masters degree in Biology, Microbiology, Virology, Immunology, or related field. Poultry animal husbandry experience required. Knowledge of Good Laboratory Practices is required. **CONTACT:** TERRY GALL, Schering-Plough Animal Health, 21401 West Center Road, Elkhorn, NE 68022, PHONE: 402-298-6036 FAX: 402-298-6086, E-MAIL: [terry.gall@spcorp.com](mailto:terry.gall@spcorp.com)

**Analytical Toxicologist.** The Diagnostic Center for Population and Animal Health (DCPAH), College of Veterinary Medicine, Michigan State University, is seeking applicants for a permanent, non-tenure stream position in Analytical Toxicologist in the university's Academic Specialist Continuing Appointment System. The appointment is on an annual (12-month) basis. Candidates must possess a PhD (or equivalent) in a discipline that involves extensive use of advanced analytical techniques in organic and inorganic chemistry. Experience in LC/MS, GC/MS, tandem mass spectrometry, electrothermal AAS, and ICP/AES or ICP/MS is highly desired. Experience with or appreciation for working under a quality control protocol advantageous. The successful candidate will assume supervisory responsibility for the analytical toxicology portion of the DCPAH's Toxicology Section, participate in providing service and development of analytical procedures, frequently consult with other DCPAH toxicologists, pathologists, and faculty, practicing veterinarians, and animal owners, provide analytical expertise and support in collaborative research activities. Excellent communication skills are required. The Toxicology Section provides diagnostic testing for clients and is well equipped. The laboratory will move into a new state-of-the-art facility in late 2003, and the selected candidate will be responsible for selecting a suitable LC/MS/MS system at or prior to that time. Salary is commensurate with training and experience. Starting date: Immediately. **Review of applications will begin May 1, 2003.** Applications will be accepted until a suitable candidate is identified. Applicants should send a letter of application and curriculum vitae, including the names of three references, to: Willie M. Reed, DVM, PhD, Director, Diagnostic Center for Population and Animal Health, P.O. Box 30076, Lansing, MI 48909-7576, For further details, contact Dr. Reed (phone 517-353-0635, fax 517-353-5096, [reed@dcpah.msu.edu](mailto:reed@dcpah.msu.edu) ).

**Clinical Molecular Toxicologist.** Faculty position in the Department of Population Medicine and Diagnostic Sciences, College of Veterinary Medicine, Cornell University. The incumbent is responsible for diagnostic toxicology services of the New York State Animal Health Diagnostic Laboratory and expected to develop an extramurally funded research program in clinical and/or analytical toxicology. Incumbent will represent the Animal Health Diagnostic Laboratory and the Veterinary College on toxicological issues, interact with veterinarians and livestock producers, and participate in clinical and didactic teaching. Specific requirements include DVM (or equivalent), MD, and/or PhD (or equivalent) with postgraduate training and experience in veterinary toxicology. Board certification/eligibility in toxicology is desired. The rank and salary will be commensurate with qualifications. **Applications will be reviewed until the position is filled.** Submit their curriculum vitae, letter of intent concerning research interests and career goals, and the names and addresses of 3 professional references to: Dr. Hussni Mohammed, Search Committee Chair, c/o Cathy Andersen, Department of Population Medicine and Diagnostic Sciences, College of Veterinary Medicine, S3 110 Schurman Hall, Cornell University, Ithaca, NY 14853. [www.vet.cornell.edu/public/popmed/jobs/endo.html](http://www.vet.cornell.edu/public/popmed/jobs/endo.html)

**Residency/Graduate Training in Veterinary Toxicology.** The Veterinary Medical Diagnostic Laboratory, College of Veterinary Medicine, University of Missouri, is offering a combined residency/graduate program in toxicology beginning as soon as an acceptable candidate is identified. This program provides candidates with a wide range of training opportunities in toxicology including small and large animal clinical and diagnostic consultations, graduate courses, teaching within the professional curriculum, participation in comparative research program, and preparation of peer-reviewed manuscripts. The goals are to produce research-trained, board-eligible toxicologists for career opportunities in academia, industry, and/or government. This program is supervised by two board-certified veterinary toxicologists. The current salary for the first year of the residency program is \$28,000. A DVM or an equivalent degree and excellent communication skills are required. Selection criteria include academic performance and letters of recommendation. Practice experience is a plus; however, recent graduates are encouraged to apply. Interested individuals must submit (1) a letter of intent stating professional interests and career goals, (2) a curriculum vitae, (3) transcripts from undergraduate institutions and veterinary schools attended by the candidate, and (4) three letters of recommendation to: Stan W. Casteel, Veterinary Medical Diagnostic Lab, 1600 E. Rollins, Columbia, MO 65211; email: Casteels@missouri.edu. **Materials will be reviewed beginning May 15, 2003 and continue until a suitable candidate is hired.** To request ADA accommodations, please contact our ADA Coordinator at 573-874-7278.

**Postdoctoral Fellowship.** Qualified applicants are invited to apply for USDA-funded postdoctoral positions with a research focus on swine viral pathogens (porcine reproductive and respiratory syndrome virus, swine influenza virus, porcine circovirus). Resources include newly renovated laboratory facilities and livestock infectious disease isolation facilities. Individuals with a Ph.D degree or DVM/Ph.D degrees, a strong background in molecular virology/biology, and a record of publication in first-tier research journals are encouraged to apply. Salary (\$28,000 up to \$45,000) is commensurate with experience and qualifications; benefits are included. Candidates should submit a curriculum vitae, the names of three references, and a letter expressing their professional interests and goals to Dr. Kyoung-Jin Yoon, Department of Veterinary Diagnostic and Production Animal Medicine, College of Veterinary Medicine, Iowa State University, Ames, Iowa 50011-1250. E-mail: [kyoon@iastate.edu](mailto:kyoon@iastate.edu). **Application is due April 30, 2003.**

**Postdoctoral Research Associate, Bovine Tuberculosis Diagnosis,** U.S. Department of Agriculture, Agricultural Research Service, National Animal Disease Center, Ames, IA. Microbiologist/Molecular Biologist, GS-403/401-11, position available immediately to assist in research on novel approaches to the diagnosis of tuberculosis infection of cattle and wildlife. Responsibilities will require the development of molecular methods to diagnose *Mycobacterium bovis* infection and to evaluate specific host/pathogen interactions. Applicants must have a Ph.D., a strong background in molecular biology, and be a US citizen. Experience with mycobacteria or other intracellular pathogens is preferred. The appointment is for two years with potential for extension. Salary is commensurate with experience (\$46,689 - 60,700) plus benefits. For information on the position contact Dr. Ray Waters, 515-663-7756 ([rwaters@nadc.ars.usda.gov](mailto:rwaters@nadc.ars.usda.gov)). Applications in response to this advertisement should include a cover letter, curriculum vitae, and the names and phone numbers of three references. Send to Dr. Ray Waters, USDA/ARS National Animal Disease Center, 2300 Dayton Ave, Ames, IA 50010.





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