

# NEWSLETTER

August 2005

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*The American Association of Veterinary Laboratory Diagnosticians*

## 48<sup>TH</sup> ANNUAL AAVLD/USAHA MEETING

HERSHEY, PENNSYLVANIA  
NOVEMBER 2-8, 2005



NAHLN/AAVLD QA COMMITTEE JOINT SYMPOSIUM  
NOVEMBER 3, 2005

CL DAVIS DIAGNOSTIC TOXICOLOGIC  
PATHOLOGY SYMPOSIUM  
NOVEMBER 4, 2005

## 2005 Executive Board

President.....	Gary Osweiler
President-Elect.....	Donal O'Toole
Vice President.....	Barbara Powers
Immed. Past President.....	Willie Reed
Secretary/Treasurer.....	Alex Ardans
North East.....	Alfonso Torres
South East.....	Ron Wilson
North Central.....	Dave Steffen
South Central.....	Richard Mock
North West.....	Bill Layton
South West.....	Carlos Reggiardo
Canada Provincial.....	Grant Maxie
Canada Ex-Officio.....	Federal, Shane Renwick
Ex-Officio, NVSL.....	Randall Levings

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AAVLD Newsletter Editor: Pat Blanchard (pcblanchard@ucdavis.edu)  
Secretary/Treasurers office support: Allison Reitz (areitz@cahfs.ucdavis.edu)

## AAVLD PRESIDENT'S MESSAGE



Living in farm country, I tend to think in terms of seasons and cycles. Our AAVLD cycle of events is progressing nicely and we anticipate a good harvest through our AAVLD Annual Meeting and in our other major initiatives.

The AAVLD Meeting and Program are established and Dr. O'Toole has assembled an excellent scientific program as well as two important topics for our AAVLD and Joint Plenary sessions. These will address veterinary personnel resource needs and wildlife diseases respectively. In addition, Drs. O'Toole and Powers have organized an auction style fund raiser as part of the AAVLD President's Reception Friday evening. Registrations are coming in rapidly and in addition to the Hershey Lodge several other hotels in the area are being filled and will be linked to the meeting hotel by shuttle bus service for convenience of all attending. You can now register for the AAVLD meeting online or for both the meeting and hotel rooms through the USAHA website ([www.usaha.org](http://www.usaha.org)).

Several specific symposia are being offered to AAVLD members. Two symposia on Thursday, November 3<sup>rd</sup> are offered and jointly sponsored by NAHLN and the AAVLD Quality Assurance Committee. These are topics highly relevant to the accreditation and quality assurance goals of AAVLD, one of our major initiatives. The third symposium, Friday November 4<sup>th</sup>, is a C.L. Davis sponsored symposium on Toxicologic Pathology. All of these are available by pre-registration from our website.

Moving to an enhanced laboratory network through NAHLN funding and organization has made important progress with limited funding compared to the needs. We revised and updated the AAVLD-NAHLN White Paper and distributed it to appropriate legislators and officials in support of continued and upgraded NAHLN funding. The AAVLD white paper is coordinated with NVSL and APHIS so communications are consistent. It explains our progress and potential while showing that more funding is needed to reach full potential. NAHLN Steering Committee Summaries are now being sent to AAVLD laboratory directors to improve internal communications about NAHLN activities.

NAHLN laboratories now include labs with contract or service work through APHIS, but needing funding for infrastructure and communications, and some funding is planned to enhance their IT capabilities. AAVLD will be

working with important partners, primarily USAHA as well as AVMA, AAVMC, Animal Agriculture Coalition and NIAA to show the importance of laboratory networking in the detection of and surveillance for exotic, emerging and endemic diseases. AAVLD continues to promote a fully funded nationwide network of laboratories supported to a level that can participate fully in needed diagnosis and surveillance.

AAVLD and USAHA have combined to form a new committee, the Joint Committee on Animal Emergency Management. The AAVLD component of this committee arose from the previously existing Laboratory Emergency Management workgroup. This group should substantially enhance our goals for emergency response.

The AVMA House of Delegates met in July and AAVLD is a member of their advisory panel. AVMA is well organized and effective for bringing issues and constituent requests to legislators and others who can promote animal health. We will continue to work with AVMA and others to advance laboratory diagnostic medicine and the NAHLN in serving the needs of animal health.

As with farming, we encounter both opportunities and challenges. The Executive Board reviewed the AAVLD Strategic Planning Committee report from October, 2004. This is a good framework from which to consider the many current activities that AAVLD is promoting and supporting – being ready for both opportunity and challenge. As the strategic plan is further developed, it will be an important document for review and approval through your representatives in the AAVLD House of Delegates.

As we look toward the end of another active AAVLD year, my sincere thanks go to all of you who are the vision, the organization and the energy that drives our group. This is an interactive organization that depends on all its parts and members, and any growth and accomplishments are a reflection of your cooperation, dedication and hard work. I am grateful to have had the chance to work with so many of you in reaching for our goals in promoting animal health.

Best regards,  
Gary Osweiler  
515-294-1950  
[osweiler@iastate.edu](mailto:osweiler@iastate.edu)

## AAVLD EXECUTIVE BOARD MEETING

Saturday, July 16, 2005, 1 PM – 5 PM

Crowne Plaza Northstar, Minneapolis, MN

**Present:** Gary Osweiler, Carlos Reggiardo, Grant Maxie, Alfonso Torres, Ron Wilson, Alex Ardans, Donal O'Toole, Bill Layton, Dave Steffen, Barb Powers, Willie Reed, Randall Levings, Richard Mock. **Guests:** Leon Thacker, Sharon Hietala, Monte Reimers, Jerry Saliki, Wendy Shelton, Bret Marsh, J. Lee Alley.

1. President Gary Osweiler called the meeting to order at 1:06p.m.
2. **APPROVAL OF MINUTES:** A motion to accept the minutes of the February 22, 2005 Executive Board meeting was made (Maxie), seconded (O'Toole), and carried unanimously.
3. **TREASURER'S REPORT:** Dr. Alex Ardans presented the report of the Treasurer as follows:

January 1, 2005 – June 30, 2005

Checking Account Balance on Hand January 1, 2005:	\$184,176.83	
Total Administrative Operating Receipts \$146,609.36		
Total Administrative Operating Expenses	(\$307,073.83)	
ENDING BALANCE JUNE 30, 2005:		\$23,712.36

Certificates of Deposit as of JUNE 30, 2005

CD#000418518 (Maturity Date: January 13, 2006)	\$15,933.57	
CD#000475591 (Maturity Date: September 23, 2005)	\$14,866.78	
CD#650338112 (Maturity Date: March 30, 2006)	\$17,951.14	
CD#650338113 (Maturity Date: March 23, 2007)	\$49,955.67	
TOTAL, CERTIFICATES OF DEPOSIT		\$98,707.16

Mutual Fund, Edward D. Jones, as of JUNE 30, 2005

Account #190876276	New Perspective Fund	\$99,005.67	
Account #165939129	Investment Co. of America	\$90,656.37	
Account #650338114	American Balanced Fund	\$49,028.94	
Account #650338119	Capital World Growth & Income Fund	\$25,911.08	
Account #650338120	Washington Mutual Investors Fund	\$24,434.62	
Account #650338121	Growth Fund of America	\$9,974.92	
TOTAL, MUTUAL FUNDS			\$299,011.60

**TOTAL ASSETS ON HAND- JUNE 30, 2005** **\$421,431.12**

**FOUNDATION ASSETS:** **\$101,095.70**

Dr. Ardans noted that the miscellaneous income item in the amount of \$6,715.81 was pass-thru money from the Accreditation Committee for the committee's share of the February Accreditation Training session expenses. New investments as approved at the February board meeting were made in March. Accreditation training session expenses included trainer fees, training materials, refreshments and room rental fees. In May, \$1,000 was contributed to the AVMA fellowship program. Printing charges in March were for the membership directory and May postage charges include directory mailing fees that were charged late. June travel charges were to send AAVLD representative, Willie Reed, to the OIE meeting. The web maintenance fee of \$2,000 will be an annual charge in agreement with Iowa State University.

The treasurer's report was approved as presented.

#### 4. **PRESIDENT'S REPORT**

Dr. Gary Osweiler presented the President's report as follows:

"Since the February meeting, the cycle of normal AAVLD activities has moved forward. In addition, some new initiatives have been advanced. These are both organizational and interactive in nature.

The normal cycle of events for AAVLD is progressing nicely. Dr. O'Toole will report on the finalized program and the plenary sessions. Dr. Powers and Dr. O'Toole are also planning an auction fund raiser for the evening of the AAVLD

reception. Dr. Reed has a slate of officer candidates for the coming election. Sleeping rooms at the Hershey Lodge have filled to capacity and other hotels in the area are being filled currently.

LRN and FERN networks have expanded to some extent in the past year. Dr. Reed will report on these related networks and how they relate to increased potential for service by AAVLD laboratories.

Attempts to move to an enhanced laboratory network through NAHLN funding have made important progress considering the limited amount of continued funding compared to the needs. In fulfillment of the mandate of the Executive Board at the February meeting, I initiated a revision and update of the AAVLD NAHLN White Paper from 2002. With substantial and creative assistance from the Executive Committee, the white paper was also coordinated with NAHLN through Barb Martin and Dr. Randall Levings, so there are not inconsistencies between the AAVLD and APHIS communications on NAHLN. Specific progress on NAHLN IT has progressed to a level of having 5 laboratories that can communicate through the data tools developed to date. NAHLN funding planned for additional laboratories will go to enhance their IT capabilities. The new concept is for NAHLN network laboratories to include labs that have contract or service work with APHIS, but lacking similar funding as the pilot labs. The NAHLN White Paper explains our progress and potential while showing that unmet funding needs continue to limit reaching the full potential of the network. NAHLN Steering Committee Summaries are now being provided to AAVLD laboratory directors for their use.

In January 2005, I submitted a letter to the AVMA Committee on Disaster and Emergency Issues (CDEI). This was a follow up from a presentation by Sharon Hietala requested by the AVMA CDEI. Their orientation was the expectations of and questions about rapid diagnostic testing (primarily PCR based) with questions about specificity and sensitivity, availability of tests, validation and the role of diagnostic laboratories in validating and applying rapid diagnostic tests for exotic diseases, emerging diseases and continuing problem diseases. My AAVLD letter informed CDEI about diagnostic laboratory functions and the current role of rapid testing in diagnostic laboratories. The AAVLD letter requested endorsement by AVMA for utilization and consultation in field deployment of rapid diagnostic tests. AVMA CDEI was receptive to this general concept but choose not to formally endorse the request. The committee felt it wasn't appropriate for them to comment on endorsement of AAVLD validation in general as requested, however the CDEI agreed that if AAVLD can identify future issues re: FAD/emerging animal disease testing specifically to please contact CDEI and they will again consider putting forth a recommendation to the AVMA Executive Board. The next CDEI is scheduled for September 19-20. This could provide another avenue, in collaboration with the NAHLN effort, to secure AVMA endorsement of the laboratory network.

The USAHA/AAVLD Joint Government Relations Committee met with various agency leaders in Washington DC from February 26 – March 2, 2005. Attending for AAVLD were Drs. Reed, O'Toole, Powers, Ardans, Zeman, Akey and Osweiler. AAVLD had the opportunity to speak briefly also with Secretary Johanns. Beyond USDA-APHIS, we also met with CSREES (the focus of funding for the NAHLN), representatives of DHS, FSIS, NSU (National Surveillance Unit), FDA-CVM, AAVMC, AVMA and Animal Agriculture Coalition. Recognizing some common goals of better and more coordinated support, AAVMC, AVMA and Animal Ag Coalition all agreed they would be receptive to including NAHLN support in their legislative agendas. Getting these initial expressions of support formalized should be a priority for AAVLD between now and early in 2006 for the FY 2007 budget. The NAHLN is not specifically on the recent initiatives published for AVMA. The resolution passed last October through USAHA (Committee on Laboratory and Veterinary Workforce Initiatives) which requested increased funding for the NAHLN will also be an important part of this effort.

In the meantime, NAHLN funding proposed for FY 2006 was initially cut from \$30 million in the President's budget to a level of \$12 million and then to \$10 million by the Senate committee. This is a line item in the CSREES budget identified as the *Food and Agriculture Defense Initiative*. Apparently, this will be finalized in conference committee after the summer congressional recess. If AAVLD can garner some organized support targeted to the appropriate members of that committee, large increases may not be expected, but retaining the \$10 million would be an improvement of approximately \$1 million over last year's support. This would also be a reminder of the NAHLN and a bridge to a larger and more organized effort next year.

In May of this year, AAVLD and USAHA combined in the formation of a new committee, the Joint Committee on Animal Emergency Management, with committee members appointed from each organization. The AAVLD component of this arose from the previously existing Laboratory Emergency Management workgroup which delivered an excellent report at the 2004 meeting.

The AVMA House of Delegates met just yesterday and this morning. Their Advisory committees are the key to bringing issues and constituent requests to priorities in the AVMA agenda. The CDEI mentioned earlier is an example of a



committee that could help to advance AAVLD objectives through the AVMA. AAVLD does not have a voting role, but serves with other professional or governmental groups as an advisor to AVMA. Representation each year is by the AAVLD president. This provides an authoritative representative to the HOD, but a limitation is that each year is a new learning process. Many of the other advisory panel groups have representatives that serve multiple years.

Last year, Pat Blanchard was named as AAVLD liaison to the Animal Producer subcouncil of the Food and Agriculture Sector Coordinating Council of AVMA. Dr. Blanchard reports that the Subcouncil has not met since the AAVLD appointment.

Also on the agenda is consideration of how we can practically increase the participation and involvement of our AAVLD House of Delegates. This is the most likely group from which we will draw future leaders in AAVLD, and Dr. Steffen's suggestions are an important part of our new business.

Finally, we have a planned review of the AAVLD Strategic Planning Committee report from October, 2004. This will be a good framework from which to consider the many current activities that AAVLD is promoting and supporting. Your help in matching our vision and goals with the current needs and opportunities will be a step forward in meeting those goals for the future.'

## 5. AVMA Congressional Fellow Program:

AVMA Congressional Fellow, Wendy Shelton, spoke to the group about the AVMA Fellowship Program. She explained how fellows are selected and their responsibilities. The fellows are funded by AVMA for one year and they select an office in which to work. Dr. Shelton has been working with Senator Lieberman since last September and she shared some of her experiences working in his office. Dr. Shelton believes that the fellowship program is important to the elevation of the veterinary profession and being involved in what gets decided in the government. Dr. Shelton invited any additional questions while she is in Minneapolis and also invited the board to contact her when returns to Washington DC.

## 6. COMMITTEE REPORTS

### A. Accreditation

Leon Thacker reported that the committee met after the last Executive Board meeting in Las Vegas on February 22, 2005. On February 23<sup>rd</sup> & 24<sup>th</sup> an accreditation training session was held that was attended by 42 individuals, including Accreditation committee members and one member from each accredited laboratory. The training session was filmed and the committee will distribute one set of the DVDs to each of the accredited laboratories and laboratories seeking accreditation. The DVD will be divided into chapters so that select sections can be viewed. The committee hopes to have the DVDs ready to distribute at the Hershey meeting. Also included in the training was the development of a site visit SOP and a checklist to accompany the SOP. The committee's finances are solvent at \$64,000.

The committee met again July 15<sup>th</sup> & 16<sup>th</sup>. Updates were received from four provisional laboratories. The accreditation process' impact was obvious as all four are making very good progress. Five laboratory site visits are coming up, but no visits have been conducted so far this year. The committee looked at definitions for laboratory configuration and reviewed various administrative models. There are four classifications with some subtle differences. One reason for developing these definitions and models is to have some guidelines for billing visits to different laboratories. The committee also reviewed the Site Visit SOP drafted by Ken Stoub and a subcommittee was assigned to review and revise the document. Once this is completed it will be adopted as an SOP for the AAVLD Accreditation Committee. The committee also reviewed the Essential Requirements. A few minor changes will be made and Version 3.0, dated July 16, 2005 will be distributed.

### B. Publications

#### i. JVDI

Jerry Saliki reported that he is relocating to Athens, Georgia in early fall and he would like to continue as Editor. Approximately 95% of business is now conducted online, including galley proofs. Dr. Saliki does not anticipate any major challenges in working with editorial assistant in a different location. The Association's contract with OSU has been cancelled, effective August 1<sup>st</sup>. A contract with the University of Georgia will be established once Dr. Saliki has completed his move. The domain [www.jvdi.org](http://www.jvdi.org) has been established for the journal at a 5-year cost of \$107.00 which will enable the journal editor and editorial assistant to have email addresses at [jvdi.org](mailto:jvdi.org). All email sent to the editorial assistant will be copied to Dr. Saliki and vice versa in order to ensure all correspondence is

handled in a timely matter. The web site can eventually be developed for the journal (hopefully by 2006). The editorial assistant, Heather Heaton, is relocating to Oklahoma City and would like to continue in the position as a private contractor. Her salary will be the same amount as previously approved, but will be paid directly by AAVLD. The total budget for JVDI will remain unchanged.

JVDI is currently ranked 39<sup>th</sup> out of 123 journals in the veterinary sciences category with an impact factor of ~1. In 2004 a total of 138 manuscripts were submitted, 69 published, 10 accepted, pending publication, 14 returned to authors for revision, 43 rejected and 2 currently being reviewed. The acceptance rate is 60%. The total number of manuscripts published in 2004 was 110. As of July 15, 2005 there were a total of 102 manuscripts submitted, 13 published, 6 accepted, pending publication, 43 returned to authors for revision, 22 rejected and 18 being reviewed so far for 2005. A total of 76 manuscripts have been published in the first four issues of 2005 and a total of 115-122 is projected for the year.

The online manuscript submission and review process was implemented March 1, 2005. So far the program has been highly successful and an increase in manuscript submissions has been seen. It has also allowed Dr. Saliki to review manuscripts while traveling without carrying papers with him. Dr. Saliki noted that he plans to propose to reconstitute the editorial board for 2006 in order to have engaged members who are willing, able and available to participate in the review process. In the future Dr. Saliki would like to consider including book reviews in JVDI and online publishing. Donal O'Toole suggested including letters received in JVDI as well.

ii. Newsletter

No report. The next issue is due out August 31/September 1.

iii. Web Site Update

No report. Dr. Janke may be looking for a successor.

C. Program Committee

Donal O'Toole reported that there are six speakers for the Saturday plenary session. Speakers include Lance Perryman, Michelle Manos, Scott Fitzgerald, Hana Van Campen, Hans Houe and Mark Hall. There were 121 papers received, 4 rejected, 1 withdrawn, and 29 posters accepted.

There was some confusion this year regarding abstracts that were submitted to USAHA and passed along to the program chair for AAVLD. Some of the authors were not aware that this was being done and were not interested in presenting at the AAVLD portion of the meeting. In some cases the necessary information was not included. It was decided that USAHA should send the abstract back to author and notify they can submit to AAVLD if they wish and include the AAVLD submission instructions. Dr. O'Toole suggested that a SOP for the program chair should be developed. He also suggested that reviewers need guidelines for how to review abstracts.

Dr. O'Toole also emphasized that the AAVLD program chair needs to stay involved with the Joint Plenary session to ensure that both AAVLD and USAHA are participating equally.

D. Canada Report – Dr. Grant Maxie presented the Canada report on behalf of Dr. Shane Renwick as follows:

1. BSE

On June 6, 2005 Canada surpassed its testing target established for 2005 for bovine spongiform encephalopathy (BSE) surveillance. The target for 2005 was 30,000 high-risk, 4-D cattle and, as of July 1, 34,398 samples had been collected and tested through the provincial and federal TSE laboratory network. At current rates, Canada expects to test about 70,000 animals in 2005.

BSE surveillance testing is conducted at four federal and two provincial laboratories (Alberta and British Columbia). Testing is expected to begin during the summer of 2005 in Ontario and Quebec provincial laboratories. A new BSE testing laboratory was opened in Winnipeg by the Government of Manitoba on June 13 and should be operational in the fall of 2005.

The EU-approved Prionics PrioStrip® rapid test for BSE has been evaluated by the CFIA and has recently been granted a restricted-use import permit. It is under consideration as a replacement for the Prionics Check Western® test in many laboratories in the TSE Network. Other BSE rapid tests scheduled for evaluation by the CFIA Winnipeg laboratory include the IDEXX and Roboscreen tests.

There is continued interest from some segments of the cattle industry for BSE testing to support market access. However, the present policy of the Government of Canada is that BSE testing is done only under the National BSE Surveillance Program targeting high-risk animals.

Based on the intensity and sensitivity of the testing program and the information collected in Canada's BSE investigations, the evidence continues to demonstrate that the prevalence of BSE in Canada is extremely low and continuing to decline.

The BSE Surveillance Reimbursement Program was implemented that provides payments to producers for their services when eligible samples are submitted to the national program. These payments assist producers in covering a portion of the veterinary examination fees and carcass disposal costs. Many provinces have also demonstrated their commitment by providing additional support to the reimbursement program through increased laboratory capacity, education and awareness campaigns, sampling assistance and financial supplements to the federal payments.

For more information on Canada's BSE surveillance program visit <http://www.inspection.gc.ca/english/animah/seas/disemala/bseesb/surv/protecte.shtml>.

## **2. Canadian Animal Health Surveillance Network (CAHSN)**

Funding to support development of the CAHSN was approved during May, 2005 under the National Defense CBRN Research Technology Initiative (CRTI). Project leader is Dr. Paul Kitching of the CFIA Winnipeg laboratory. Participants include most university and provincial animal health diagnostic laboratories in Canada. The following is an abstract of the project proposal prepared by Dr. Kitching.

Canada lacks a comprehensive surveillance infrastructure that would rapidly alert animal health authorities to the emergence of a disease outbreak. This might be the increased national incidence of an existing disease such as anthrax, or the appearance a new disease syndrome which was the prelude to a major foreign animal disease epidemic. Either could be the consequence of a bio-terrorist attack, and the sooner it was recognized or even suspected, the quicker the response could be put in place. In the case of a zoonotic pathogen such as Nipah virus or some strains of highly pathogenic avian influenza virus, the early involvement of the public health authorities would be essential. Canadian agriculture, and by association, the Canadian public are very vulnerable in lacking this critical response capability.

This project will establish over a three-year period, a network of federal, provincial and university animal health diagnostic laboratories that will provide real-time surveillance data on the status of Canadian livestock. This information will be constantly monitored by veterinary epidemiologists in order to detect any emerging disease or syndrome events anywhere in the country which required urgent investigation. The early detection of introduced foreign animal disease(s) or the emergence of a new disease syndrome will allow rapid containment measures to be taken, thereby mitigating the economic consequences and reducing potential human health risk from any zoonotic agent. The Canadian Animal Health Surveillance Network (CAHSN) would be linked to the Canadian Network for Public Health Intelligence (CNPHI - CRTI 02-0035RD) by shared software for the rapid interchange of animal and public health intelligence, for instance the first appearance of anthrax or avian influenza in animals, or the first appearance of West Nile virus in humans. The CAHSN would also be linked through the National Centre for Foreign Animal Disease (NCFAD), Winnipeg, to the animal health laboratory network in the USA, to exchange information on the occurrence of foreign animal disease events that could threaten to spread across the border between the two countries.

The establishment of the CAHSN addresses six major components of a co-ordinated response to a bioterrorist event:

1. Background information, databases
2. Intelligence, surveillance, internal communications/command and control
3. Network of experts/expertise
4. Laboratory capacity, scale up (including surge capacity)
5. Exercise response to a bioterrorist event
6. Training of first responders

By linking directly to the existing CRTI projects CRTI 0196RD (Development of rapid detection field tests and training programs for veterinary first responders), CRTI 02-0066RD (Development of simulation programs to prepare against and manage bio-terrorism of animal diseases) and CRTI 03-0021TD (Assay development and



production team for the development, validation, production and distribution of assays for the identification of bio-terrorist agents), this project assists in addressing two further components:

7. Sampling, detection and test; forensics; transportation of samples
8. Modeling

The major outputs of the Canadian Animal Health Surveillance Network will be:

- (1) **A national early warning system for animal disease threats to the food supply, food safety or public health.**
  - The system will integrate ongoing targeted surveillance with scanning syndromic and rumour surveillance techniques to provide national, integrated intelligence-gathering capacity for animal disease threats.
  - Preliminary threat analysis will be carried out when unusual patterns of disease are uncovered. Recommendations for further investigation or action will be presented to disease control decision-makers.
  - Linkages will be formalized with federal-provincial-territorial-veterinary college animal disease surveillance systems and diagnostic laboratories. Data will be shared, compiled and analysed nationally.
  - Linkages will be formalized between wildlife and domestic animal disease surveillance.
  - Linkages will be formalized between veterinary and public health surveillance systems.
- (2) **A federal-provincial laboratory cluster for the rapid diagnosis of serious infectious animal diseases.**
  - Interoperability between laboratories will be established by using common protocols and reagents, and providing a framework for the easy exchange of technical staff for training and scientific staff for sharing of expertise.
  - Diagnostic surge capacity will be bolstered across the country. The role of the provincial laboratory diagnostic system in providing both the preliminary diagnosis and ensuing surge capacity was highlighted during the recent outbreak of avian influenza in British Columbia.
  - A network comprising federal and provincial laboratories will mitigate against the risk of nation-wide diagnostic incapacity resulting from intentional or accidental damage to any particular laboratory, especially to NCFAD.

The auxiliary outputs of the Network will be:

- enhanced linking of experts in surveillance, threat analysis, and outbreak investigation
- enhanced linking of experts in diagnostics
- training and upgrading of existing expertise through scenario exercises
- training and mentorship of new epidemiologists and diagnosticians

### **3. Canadian Animal Health Laboratorians Network (CAHLN) Meeting 2005**

CAHLN held its fourth annual meeting from June 5-8, 2005 at Faculté de Médecine Vétérinaire, Université de Montréal, Saint-Hyacinthe, Québec. Dr. Donal O'Toole, AAVLD gave a keynote address focusing on the contribution of veterinary diagnostic laboratories in research. An award was given for the best graduate student presentation. The CAHLN Laboratorian of the Year Award was presented to Dr. Marcelo Gottschalk of the University of Montreal.

The 2005 meeting will be held in early June in Ottawa (Animal Diseases Research Institute) possibly in association with the Canadian Association of Veterinary Pathologists.

### **4. Meeting between Canadian officials and USAHA/ AAVMC**

On June 20, Bob Frost and Bennie Osburn met in Ottawa with senior management of CFIA, representatives from the Canadian Veterinary Medical Association and the Deans of the Canadian veterinary colleges (represented by Dr. Tim Ogilvie, Atlantic Veterinary College) and the Canadian Cooperative Wildlife Health Centre. Topics on the agenda included animal health regulatory research in CFIA and Canada's proposed animal health surveillance network. There was discussion regarding diverse issues including Chronic Wasting Disease and other wildlife disease issues in North America and veterinary workforce issues.

#### **E. Membership**

Barb Powers reported that there were 1257 members as of 6/30/05. This is up 90 members from this time last year.

#### **F. Credentials**

Barb Powers reported that the seating of the House of Delegates has not yet been completed.

## G. Foundation

Barb Powers reported that the Foundation has approximately \$101,000 in total assets. Representatives from the Foundation committee met July 15<sup>th</sup> with Claire Chandler from Purdue on how to better coordinate and streamline fundraising activities. Her ideas will be brought to the full committee at the meeting in Hershey. The committee will again be asking for donations because they need enough money to fund the Foundation travel awards and graduate student awards. The new mission of the Foundation is to focus on mentoring the next generation of diagnosticians.

## H. NVSL Report – Dr. Randall Levings reported on the following:

### i. Assays

The Equine piroplasmosis ELISA is expected to be re-implemented by August 17, 2005. A memo is expected to go out offering pre-import testing. The EIA laboratory moratorium is under discussion within VS and the USAHA committee. The *B. ovis* ELISA project is progressing.

### ii. Diseases

LPAI H7N2 was found in New York foie gras ducks in May. Rabbit hemorrhagic disease was found in Indiana in June. Vesicular stomatitis virus was sequenced from horses in Texas, Utah, New Mexico and Colorado and from cattle in New Mexico and Colorado. The VSV working group has been re-established and is working through three issues: 1) vaccination; 2) testing (including by State Labs); and 3) considering VSV to be endemic. A memo on vaccination is being developed. A conference call was held Friday, July 15, 2005 on testing issues.

Most of the information on the second BSE case from November 2004 was in the press release. The sample was BioRad ELISA reactive in Texas and BioRad ELISA reactive at NVSL, IHC not detected (twice) at NVSL and was reported out according to protocol as negative. In June Office of Inspector General auditors requested further testing. NADC ran an OIE Western Blot, which was reactive. Additional IHCs from additional areas and commercial ELISAs at NVSL were reactive. Additional Western Blots at NADC were reactive. Samples were sent to Weybridge, UK. The original IHC slides were negative, new slides were reactive, OIE Western Blot was reactive however Prionics Western Blot was negative. The BSE confirmatory protocol on any inconclusive ELISA has been changed to include both IHC and OIE SAF-Immunoblot. NVSL is now accepting frozen samples rather than formalin fixed samples from locations that cannot submit refrigerated samples.

The 9<sup>th</sup> Circuit court of appeals reversed a lower court injunction against implementing the minimum risk rule. This opens the border to Canada for cattle less than 30 months and sheep, goats and camelids less than twelve months effective July 18, 2005.

A Japanese expert panel has said that US prevalence and BSE testing should be studied.

### iii. NAHLN

There have been 406,280 BSE ELISAs and 415,318 total BSE tests as of July 10, 2005. The USDA funded testing allocations by state for National END surveillance have been redistributed between states with a higher or lower than expected activity. Money for AI is being shifted to LPAI and surveillance is planned for three segments, including live bird markets and commercial birds. CSF will be the next NAHLN project and the CSF surveillance plan will be started using a subset of the 12 Pilot labs and will grow based on the checklist, IT tool, train-the-trainer and proficiency tests. The dossier will be out for review soon. USDA is working with the Defense Threat Reduction Agency to possibly help with field testing the FMDV assays in Afghanistan and other countries.

The train-the-trainer tool has been very successful. The IT tool has been delayed, but there is funding for the contractor and new staff at CEAH. Co-op agreements for \$30K are available to labs that have completed their checklists to set up the IT tool (for those labs not included in the original 12 pilot labs). The steering committee quarterly meeting notes are distributed to Lab Directors, State Vets, Ag Commissioners and Stakeholders.

### iv. Programs/Organization

Undersecretary Hawks has resigned, but will stay on until his replacement is named. The last of the Safeguarding Action Plans were to be presented to Veterinary Services Management Team this week. The NVSL Strategic Plan was sent to the AAVLD Executive Committee and only one comment was submitted. Dr. Levings will resend the Strategic Plan so that it can be distributed to the AAVLD Executive Board. Good candidates are needed for the new section head at FADDL to be involved in NAHLN assays, etc. The Minimum Risk Rule and responses/involvement in BioShield II legislation, etc. are high priorities and taking considerable time for VS at this time.

v. Masterplan

There is sufficient funding to complete the Combined Lab Facilities. Fences will be going up and digging will begin in September. \$58.8M is still needed to finish the plan.

vi. Budget

For FY06 the President's budget provides a \$6M increase for FAD diagnostics and the NAHLN in veterinary diagnostics and the Animal Health Monitoring System line items and \$30M for CSREES NAHLN/Plant Network funding. Increases were also received for Veterinary Services in Animal Health Monitoring System, Emergency Management Systems, Select Agents and security. The House budget cut some from most line items and restored John's. The Senate eliminated almost all increases.

vii. QA

The Diagnostic Bacteriology Laboratory (DBL) QA manager position has been offered and will find out shortly if the candidate accepted. AAVLD will be involved in discussions of accreditation standards with contractor, Forensic Quality Systems, which will be kicked off soon.

viii. IT

Progress has been made on the NVSL LIMS. Plant Protection and Quarantine and other APHIS labs are involved.

I. Nominations

Willie Reed reported that the Nominations Committee consisting of Ron Lewis, Jerry Heidel, Helen Acland, Neil Dyer and Willie Reed selected candidates for the 2006 Vice President and Northeast and Southeast regional representatives. The two candidates selected for the Southeast Representative ballot are Ron Wilson and Lanny Pace. The candidate selected for the Northeast Representative ballot is Helen Acland. The two candidates selected for the Vice President ballot are Grant Maxie and Alfonso Torres.

J. Awards

Willie Reed reported that the proposed candidates for Life Membership are Gavin Meerdink, John Andrews, George Kennedy, Robert Glock, and Lorraine Hoffman. A motion to approve the proposed candidates for life membership was made (Steffen), seconded (Maxie) and carried unanimously.

Recipients of the two pathology and two general Trainee Travel awards were selected. The committee would like to have the winners announced in JVDI prior to the meeting. Dr. Reed will send the announcement to Dr. Saliki for inclusion in JVDI. The announcement will also be included in the Newsletter.

Several excellent nominees were received for the Pope award. The winner will be announced at the annual meeting.

K. OIE Reports

Willie Reed reported that he was pleased to attend the OIE meeting again and thanked the Board for the opportunity. The meeting was held May 22-27, 2005. There were five members of the official US delegation including Peter Fernandez, John Clifford, Alex Thierman, Michael David and Bill James. In addition to the official delegation there were four other US representative including Willie Reed, Bret Marsh, Lyle Vogel, and Glen Slack. Two very good technical presentations were given: 1) Applications of genetic engineering for livestock and biotechnology products; and 2) Implementation of OIE standards in the framework of the Sanitary and Phytosanitary (SPS) Agreement. The aquaculture standards commission reported and disease reporting criteria were updated. Changes in the aquatic chapter dealt with diseases such as white spot disease and some attention was also placed on amphibian diseases. Standards on animal welfare were adopted, (i.e. slaughter for human consumption, land and sea transport of animals, and humane killing of animals for disease control purposes). The chapter on BSE in the Terrestrial Animal Health Code was updated with 126 in favor, 8 against, 6 abstaining. Changes involved products which can be safely traded irrespective of BSE status. A new chapter on avian influenza was adopted. Changes were made to the definition of poultry and the reporting of different AI strains. The next meeting will be May 21-26<sup>th</sup>, 2006.

**7. OLD BUSINESS**

A. Food and Agriculture Animal Producers Subcouncil

The subcouncil has not met since Pat Blanchard's appointment as liaison in January 2005.

## B. Foundation Auction

Barb Powers reported that Donal O'Toole sent out letters to all lab directors asking for donations for the Foundation Auction. Responses have been received from six labs. Dr. O'Toole requested that those present consider sending an item for auction to let him know that you plan to donate, even if the item for donation has not yet been chosen.

## C. LRN, FERN

FERN - Willie Reed reported that the FERN steering committee has not met since the February AAVLD Executive Board meeting. The next meeting is planned for September. More labs have applied for membership, but no details are available.

LRN – There has been no meeting since the February AAVLD Executive Board meeting.

Barb Powers shared the experience the Colorado lab had with not being included in the LRN. The Colorado lab has an agreement with the state to perform non-credible threat testing. In a recent case the press criticized the state for using a non-LRN lab for non-credible threat anthrax testing. An apology letter was later issued, however this case illustrates the importance of involving veterinary labs in the LRN.

## D. Letter from John Clifford – on intent of NVSL for accreditation.

Gary Osweiler distributed a letter from John Clifford on the intent of NVSL accreditation. The letter states that the AAVLD will be included in accreditation strategy discussions.

## E. USAHA

Guest Dr. Bret Marsh from USAHA reported that the Joint Plenary session on the North American Healthy Wildlife Initiative is moving forward. He expressed appreciation to AAVLD for the willingness to co-host.

The USAHA Executive Committee met in Washington and visited with APHIS and the Animal Ag Coalition. He mentioned the minimal NAHLN funding, but also stated that the additional labs doing contract work that have been added makes the lobbying effort more complicated. He is encouraged by the interest in the Ames project and Congressional personnel have clearly heard about Ames. The Animal Ag Coalition now has the NAHLN as number three on their list. Dr. Marsh emphasized the importance of the relationship between AAVLD and USAHA.

USAHA has posted the position for Executive Director of USAHA. This is the first ever Executive Director position for USAHA. USAHA received applications from 57 candidates and 3 were invited to Washington for interviews. They are hopeful that a candidate will be identified and will then be presented to the USAHA Board of Directors for approval.

Guest Dr. J. Lee Alley from USAHA reported that the housing at the Hershey meeting will be very tight. For the first time ever a shuttle will operate for the satellite hotels, which hotels will fund. Online registration has been working well and this year a secure site through PayPal is being used. This year the president's reception will be a sit down dinner and there will be entertainment.

## 8. NEW BUSINESS

### A. Joint USAHA/AAVLD committee

A written report was received from Pat Blanchard. Dr. Blanchard reported that she and Dr. Keith Roehr (USAHA) are co-chairs of the committee. The purpose statement of the Joint Committee is as follows: The USAHA/AAVLD Committee on Animal Emergency Management provides a national forum for the discussion and exchange of information pertaining to the prevention, preparedness, and response to emergencies involving animals, including incursions of foreign or exotic animal disease. The committee members and agency liaison representatives review and analyze animal emergency management issues and activities with the goal of further integration of prevention, preparedness, response, and recovery plans between federal, state, and agriculture animal industry partners. In addressing issues and concerns that may affect animal emergency preparedness or response, the committee may make recommendations to influence policy of government, academic, research, or industry groups by proposing actions to reduce the potential of adverse effects of animal emergencies on the U.S. animal agriculture industry.

The committee meets once a month via conference call and the minutes are published on the USAHA website. Topics cover a wide range of areas including recent areas of national animal transportation in an emergency, FEMA reimbursements, sources for state ag preparedness funding, USDA APHIS emergency preparedness activities, industry risk assessment and the need for continuity of business plans.

## B. AAVLD Membership Survey

Donal O'Toole reported that three plenary speakers are dealing with professional recruitment issues. He would like to survey the AAVLD lab directors in advance of the meeting to collect information on recruitment experiences in the past few years possibly identifying the range of salaries and areas where applicants are sparse. The survey would be anonymous.

It was suggested that information from the American College of Veterinary Pathologists and American Association of Veterinary Medical Colleges surveys could be useful as well.

A motion to approve the survey was made (Ardans), seconded (Reggiardo), and carried unanimously.

## C. Accreditation comparative Data

Gary Osweiler suggested that the accreditation system could be used to collect data on salaries, case load, etc. for laboratories across the country. Information would be kept anonymous. Dr. Osweiler will ask Leon Thacker, chair of the Accreditation Committee, to add this subject to the Accreditation Committee agenda at the fall meeting.

## D. Enhancing AAVLD regional input and House of Delegates involvement

After discussion, it was decided that in order to increase communication with the AAVLD House of Delegates the agenda and minutes of the Executive Board meetings will be sent to the House of Delegates. The House of Delegates membership will also be listed on the AAVLD website.

## 9. Next Meeting

The next meeting will be held Friday, November 4<sup>th</sup> in Hershey, PA

There was discussion regarding the 2006 summer meeting. AVMA will be holding their meetings in Honolulu, HI. Some of the board members expressed concern over the cost of travel to Hawaii. The issue will be discussed with the Accreditation Committee and will be further discussed at the November Board meeting.

Meeting adjourned at 5:23 p.m.

### **Addendum:**

Following the meeting Alfonso Torres withdrew as a candidate for AAVLD Vice President. The nominations committee has selected Dr. Jerry Heidel as the second candidate for Vice President. Dr. Torres will instead serve as a candidate for the Northeast Regional Representative.

## **JOURNAL OF VETERINARY DIAGNOSTIC INVESTIGATIONS** **EDITOR ADDRESS CHANGE**

This article is to inform members of a change in the contact information for the Journal of Veterinary Diagnostic Investigation (JVDI) following Dr. Saliki's move to the University of Georgia (Athens, GA) and the Editorial Assistant's move to Edmond, Oklahoma. Please, take note of the following:

- 1) Direct all JVDI inquiries to the Editorial Assistant (Heather Heaton): [editorial@jvdi.org](mailto:editorial@jvdi.org).
- 2) Editor: [editor@jvdi.org](mailto:editor@jvdi.org)
- 3) Submitting, reviewing, and checking the status of manuscripts: visit <http://mc.manuscriptcentral.com/jvdi>.
- 4) For instructions to authors: visit the above website or the JVDI website (<http://jvdi.org>).

To authors and reviewers: We request your patience during this transitional phase. While we will continue to do our best to discharge the Journal's business, we recognize that work output might flow slower than normal during the next 2-3 months.

Thank you for your participation.

Sincerely,

Jeremiah T. Saliki, DVM, PhD  
Editor, Journal of Veterinary Diagnostic Investigation



# 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 – **October 14, 2005**

Preregistration (Members)	\$225.00	\$ _____
Preregistration (Non-Members)	\$375.00	\$ _____
Pre-registration (Life Member)*	\$125.00	\$ _____
Spouses Registration	\$ 50.00	\$ _____
Registration At Meeting (Members)	\$275.00	\$ _____
Registration At Meeting (Non-Members)	\$375.00	\$ _____
Registration At Meeting (Life Member)	\$150.00	\$ _____
U.S.A.H.A. Annual Dues – 2006	\$110.00	\$ _____
A.A.V.L.D. Annual Dues – 2006	\$ 75.00	\$ _____
A.A.V.L.D. Graduate Student Registration	\$125.00	\$ _____
A.A.V.L.D. Graduate Student Dues - 2006	\$ 25.00	\$ _____
Tour (Lancaster's Amish Country)*	\$ 50.00	\$ _____
<b>Total</b>		<b>\$ _____</b>

### Office Use Only

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

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

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

\*You can register and find tour information online at [www.usaha.org](http://www.usaha.org)  
USAHA'S Federal ID No: #21-6008168

## 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: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Type of Credit Card:  Company  Personal

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

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

**We do not accept American Express**

## REFUND POLICY

\$25 will be withheld for processing if notified before the meeting.  
\$25 processing fee plus \$30 for Presidents Reception will be withheld if notified after the meeting.  
Everyone must notify USAHA within 7 days following the meeting for a refund

## Spouse's Registration

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

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

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## HERSHEY LODGE AND AREA INFORMATION

For more information on activities in the area see the website at [www.HersheyPA.com](http://www.HersheyPA.com)  
Visit Chocolate World, Zoo America, Hershey Museum, several golf courses and 60 outlet stores right in Hershey, PA  
Hershey Bears Pro Hockey Team at Hershey Park Stadium and Hershey Theatre Events  
Just 30 minutes to Pennsylvania Dutch Country (Lancaster county), 45-minutes to Gettysburg Battlefield  
Minutes from the state capitol in Harrisburg with its award winning State Museum, Restaurants and Entertainment  
1.5 hours from Baltimore, 2 hours from Philadelphia, 2 hours from Washington, D.C. and 3 hours from New York City

The **Hershey Lodge and Convention Center** has free guest access to on-site indoor pool, fitness facility, tennis and basketball courts, and on-site 18-hole miniature golf course. Three on-site restaurants, plus a sports bar with restaurant, Lobby Bar and Lounge for light fare and a Coffee shop.  
For more information see: [http://www.hersheypa.com/accommodations/hershey\\_lodge/index.html](http://www.hersheypa.com/accommodations/hershey_lodge/index.html).

The Hershey Lodge and Convention Center can provide transportation from the Harrisburg Airport and Harrisburg train station for a fee of \$22.00 round trip but they arrangements must be made in advance of arrival by calling 717-533-3311 ext 8601.

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## DIAGNOSTIC BACTERIOLOGY CASE PRESENTATIONS

Saturday, November 5, 2005, Hershey, Pennsylvania, 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, 2005.

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## SATURDAY DIAGNOSTIC PATHOLOGY SLIDE SEMINAR

Saturday, November 5, 2005, Hershey, Pennsylvania, 3:30- 6:00 pm.

Short, interesting, and educational cases will be presented at the Saturday Diagnostic Pathology Slide Seminar. These include submissions 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.

Conference coordinators are: Dr. Rob Bildfell, Veterinary Diagnostic Laboratory, Oregon State University, PO Box 429, Corvallis, OR 97339-0429 (phone 541-737-6965), email: [Rob.Bildfell@oregonstate.edu](mailto:Rob.Bildfell@oregonstate.edu) and Dr. Carol Lichtensteiger at [clichten@uiuc.edu](mailto:clichten@uiuc.edu).

Presenters of accepted abstracts must supply a set of 60 HE glass slides for histopathology cases. Cytology cases should consist of as many glass slides as are available, plus a series of high quality digital images that are representative of the case. The materials should be submitted to the moderator by September 1, 2005 to allow review of slides by members before the meeting. Presenters are entitled to a complete set of slides at no cost.

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## HOTEL REGISTRATION FOR ANNUAL MEETING

The Hershey Lodge has sold out Saturday through Monday nights, November 5-7, 2005. However, the Lodge will reserve hotel rooms for you at cooperating hotels in the area which will provide shuttle bus service to the Hershey Lodge for meeting attendees. You can fill out the same registration form and fax to Hershey Lodge or call 1-800-HERSHEY or access hotel registration at [www.USAHA.org](http://www.USAHA.org) web site under Annual Meeting.



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

Reservations Telefax: 717-534-8668

United States Animal Health Association and  
 American Association of Veterinary Laboratory Diagnosticians  
 Group Code: USA1101

Arrival Date: November 1, 2005 / Departure Date: November 11, 2005

Single/Double Occupancy: \$127.00 daily per room

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

*The Hershey Lodge and Convention Center provides a smoke-free environment.*

Reservation requests received less than 31 days prior to arrival will be accepted on a space available basis only. Please provide an email address if you would like to receive a confirmation & information about your stay via email. A confirmation will be emailed to you within 24 hours of receipt. Please confirm your departure date as the Lodge does charge a \$50.00 early departure fee.

**Guest Information**

PLEASE PRINT

Name: _____  Address: _____ _____ Telephone: _____ Fax: _____ Email Address: _____  Arrival Date: _____ Departure Date: _____	IF SHARING ROOM, PLEASE COMPLETE SHARE-WITH INFO:  Name: _____  Address: _____ _____ Telephone: _____ Fax: _____ Email Address: _____  Arrival Date: _____ Departure Date: _____
Total No. Guests in Room: _____	

Transportation Service from/to Harrisburg International Airport and Harrisburg Train Station can be provided, with prior arrangements only. A fee is charged. Arrangements can be made by calling the Hershey Lodge at 717-533-3311 ex. 8601.

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

Credit Card #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
 Name on Card (Please print): \_\_\_\_\_  
 Cardholder's Signature: \_\_\_\_\_

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

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

See previous page for note on overflow booking for hotels in the area. The Lodge is full November 5, 6 and 7.

## CL DAVIS SYMPOSIUM

### 4th CL Davis Diagnostic Pathology Symposium: Diagnostic Toxicologic Pathology

November 4 2005, Friday, 8am- 5:30pm  
Hershey, Pennsylvania  
in conjunction with AAVLD annual meeting

The Charles Louis Davis DVM Foundation will be conducting an eight-hour continuing education symposium entitled "Diagnostic Toxicologic Pathology" on November 4, 2005. Course Director Matti Kiupel (Michigan State University) and invited guest lecturers Bryan Stegelmeier, Wanda Haschek-Hock (University of Illinois), John Van Vleet (Purdue University), and Gavin Meerdink. Topics that will be covered include organ specific toxicity of the liver, the heart and skeletal muscle and the lungs and kidney, as well as poisonous plants and diagnostic toxicology. 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. The tuition fee will be waived for the winners of the travel award. 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> or call 847-367-4359.**

Introduction, announcements	Kiupel	08.00 – 08.10
<i>Organ specific toxicity</i>		
General Principles and Hepatic Toxicity	Haschek-Hock	08.10 – 09.10
Cardiovascular and Skeletal Muscle Toxicity	Van Vleet	09.10 – 10.05
Break	30 min	10.05 – 10.35
Cardiovascular and Skeletal Muscle Toxicity	Van Vleet	10.35 – 11.30
Pulmonary and Renal Toxicity	Haschek-Hock	11.30 – 12.30
Lunch	1 hour	12.30 – 13.30
<i>Poisonous Plants and General Toxicology</i>		
Poisonous Plants	Stegelmeier	13:30 - 15:30
Break	30 min	15.30 – 16.00
Diagnostic Toxicology	Meerdink	16:00 - 17:00
Time for Discussion	15 –30 min	17.00 – 17.30

### APPLICATION FORM FOR: Diagnostic Toxicologic Pathology Symposium November 4, 2005 at Hershey Lodge and Convention Center, Hershey, PA

Without exception, each person attending this symposium must submit an application form. I hereby apply for enrollment in the Symposium on Diagnostic Toxicologic Pathology and agree to hold The C. L. Davis, DVM Foundation, its officers and faculty and the co-sponsor, Pfizer Animal Health, and the AAVLD, free of any loss or complaint which may arise from their conduct of the aforementioned program, or any action any one of them may take in relation to this application. "This course meets the requirements for 8 hours of continuing education credit in jurisdictions which recognize AAVSB's RACE approval; however participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Call Dr. James Britt, 501-907-2435 for further information"

DATE: \_\_\_\_\_ SIGNATURE OF APPLICANT: \_\_\_\_\_

Name: \_\_\_\_\_ Degrees: \_\_\_\_\_  
(Block print your name as you want it to appear on your certification.)

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

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail address: \_\_\_\_\_

Total amount enclosed: \_\_\_\_\_  
(Please make checks payable to C.L. Davis Foundation or circle the credit card and indicate the card number and expiration date below: DISCOVER; VISA; MASTER CARD; AMEX EXPRESS

Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_

Send your application to: The Charles Louis Davis Foundation, 6245 Formoor Lane, Gurnee, IL 60031-4757 USA,  
Telephone: 847-367-4359, Fax 847-247-1869, Email: CLDavisDVM@ameritech.net

## NAHLN/AAVLD QA Committee

# JOINT SYMPOSIUM

November 3, 2005

Hershey, PA

**Date:**

November 3, 2005

**Time:**

8:00 a.m. – 5:00 p.m.

**Location:**

Hershey Lodge & Conference Center, Cocoa Rooms 2-5  
Hershey, PA

**Cost: \$50.00**

Registration fee includes morning and afternoon refreshments, lunch, notebooks, and handouts.

**Who should attend:**

All laboratory directors and personnel interested in the purpose and functioning of the National Animal Health Laboratory Network (NAHLN) and the QA committee of the AAVLD are encouraged to attend.

**Program Description:**

This symposium will provide participants with the opportunity to learn from and interact with persons from the National Animal Health Laboratory Network (NAHLN) and the Quality Assurance Committee of the American Association of Veterinary Laboratory Diagnosticians (AAVLD). Participants will be invited to attend a joint morning session and then select a set of lectures to attend in the afternoon pertaining specifically to the NAHLN or the AAVLD QA Committee.

Topics to be discussed throughout the day include document control, proficiency testing, assay approval, new technologies, and other issues pertinent to veterinary diagnostic laboratories. *See schedule for details*

**To apply:**

Submit registration form and payment via

Fax: (530) 752-5680 or mail to:

AAVLD

Attn: Allison Reitz

PO Box 1770

Davis, CA 95617

**Registration Deadline: October 7, 2005**

JOINT SESSION

8:00-8:15 Arrival/Welcome  
8:15-8:45 AAVLD Accreditation - **Leon Thacker**  
8:45-9:15 NVSL QA Program - **Kathy Moser**  
9:15-9:45 Proficiency Testing - **Heidi Schleicher**  
9:45-10:05 *Break*  
10:05-10:50 Assay Approval Process - **Peter Wright**  
10:50-11:20 Assay Development at LLNL – **Mary McBride**  
11:20-11:45 AI - **David Suarez**  
11:45-12:45 *Lunch*

\* \* \*

NAHLN SESSION

12:45-2:00 Updates from NAHLN Areas:  
*AI/END* - **Dennis Sennee**  
*CSF/FMD* - **Samia Metwally**  
*Scrapie, CWD, BSE* - **Mark Hall**  
2:00-2:15 Future of the NAHLN - **Barb Martin**  
2:15-2:45: IT Systems - **Steve Weber**  
2:45-3:05 *Break*  
3:05-3:35 Surveillance Plans - **Eric Bush**  
3:35-4:05 Scenario Testing - **Bev Byrum**  
4:05-4:20 "Train the Trainer" Program-- **Barb Martin**  
4:20-4:40 ICLN - **Pat McCaskey**  
4:40-5:00 Canadian Network - **Paul Kitching**

\* \* \*

QA SESSION

12:45-1:15 QA Basics - **Monte Reimers**  
1:15-1:35 QA vis a vis QC - **Dave Korcal**  
1:35-2:05 Roles and Responsibilities of the Quality Manager - **Jeanine Staller**  
2:05-2:45 Training - **Monte Reimers**  
2:45-3:05 *Break*  
3:05-3:35 Bringing non-GLP laboratories into compliance - **Monte Reimers**  
3:35-3:55 Management's Role in Quality Assurance - **Marci Pederson**  
3:55-4:15 Document Control Systems - **Marti Turoci**  
4:15-5:00 Interactive Scenarios Session-Bring Your Own Questions - **Group/M. Reimers moderator**



## NAHLN/AAVLD QA COMMITTEE JOINT SYMPOSIUM

### Participant Registration Form

November 3, 2005, Hershey, PA

#### Participant Information:

Title: \_\_\_\_\_ First Name: \_\_\_\_\_ M.I.: \_\_\_\_\_ Last Name: \_\_\_\_\_

Position Title: \_\_\_\_\_

Employer's Name: \_\_\_\_\_

Mailing Address: (Please specify whether this is your *Employer's* address or your *Home* address)

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_

Work Phone Number: \_\_\_\_\_ Work Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_ (Email future event notifications? **YES** or **NO**)

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

**Registration Deadline: October 7, 2004**

#### **Payment Information:**

Payments must be made in US Dollars drawn on US funds by check, MasterCard, Visa, or international money order.

**Registration Fee: \$50.00**

**Payment Type:**     Check     Money Order     Credit Card

Credit Card Payment Information:     Visa     MasterCard

Card No.                  Expiration Date \_\_\_\_\_

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

Please submit your payment & completed registration form to:

AAVLD, Attn: Allison Reitz, PO Box 1770, Davis, CA 95617, USA

**-or-**

Fax: 530-752-5680

Refund Policy: Cancellations prior to deadline will be refunded minus a \$10.00 processing fee. Cancellations after the deadline date will not be refunded. Registrations which cannot be accepted due to over enrollment will be refunded in full.

## 2005 FOUNDATION TRAINEE TRAVEL AWARDEES

The AAVLD congratulates the four 2005 AAVLD Foundation Trainee Travel Awardees. These individuals have been awarded travel stipends to offset some of their costs to attend the annual AAVLD meeting in Hershey Pennsylvania. This program is intended to promote interest in and the pursuit of careers in diagnostic veterinary medicine.

Albert Rovira, St. Paul, MN  
Evaluation of sampling and testing strategies for monitoring PRRS virus infection in boar studs - A. Rovira, C. Muñoz-Zanzi

Rebecca C. Smedley, Lansing, MI  
Sensitivity and specificity of monoclonal and polyclonal immunohistochemical staining for West Nile virus in various organs from American crows (*Corvus brachyrhynchus*) - R. C. Smedley\*, J.S. Patterson, J. P. Massey, M. Kiupel

The following two awardees were selected by the Pathology committee and funded via Pathology committee efforts to secure member donations to the Foundation for these specific awards.

Pathology Trainee Travel Award:  
Pierrette Danieau, Lansing, MI  
"Sticky kits" syndrome in mink: a secretory diarrhea associated with *Staphylococcus intermedius* colonization - P.K. Danieau\*, B.C. Anderson, R.K. Maes1, C.A. Bolin and M.K. Kiupel

Davis M. Seelig, Fort Collins, CO  
Hemorrhagic typhlocolitis in a horse associated with a necrotogenic, CNF-1+ strain of hemolytic *Escherichia coli* - D. Seelig\*  
K. Pandher

## 'PIONEERS IN VIROLOGY' AWARD TO DR. ROBERT A. CRANDELL

The Pioneers in Virology Award was initially proposed at the AAVLD meeting in 2004 to the Virology Committee. It was agreed to form a subcommittee \*, which would nominate names of outstanding virologists and vote for one person to receive this award at the annual AAVLD-USAHA meeting. The awardee would make a presentation at the Virology Committee's meeting.

Dr. Robert Crandell was selected from a list of outstanding veterinary scientists that have made a significant contribution to veterinary virology as our first awardee. The award will be presented at the virology committee meeting, November 4, 2005 from 1-4PM in Empire rooms A & B.

Dr. Crandell has been an active member of AAVLD for a number of years. His contributions to diagnostic medicine and veterinary virology have been noteworthy. Bob served with distinction in the U.S. Air Force from 1951 to 1971. Following his retirement from the service, he became a Professor in the Virology Section at the Diagnostic Laboratory, University of Illinois, and was Director of that laboratory from 1976 until 1981. Bob moved to College Station,

Texas in 1981 to become Head of the Diagnostic Microbiology section at Texas Veterinary Medical Diagnostic Laboratory. He again served with distinction until retiring in 1987.

In 1989, Dr. Crandell launched the initial issue of the *Journal of Veterinary Diagnostic Investigation*, and continued to serve as the founding editor of this prestigious publication for a number of years. Bob was honored with the highest award presented by AAVLD, the E.P. Pope Memorial Award in 1991 for his contributions to animal welfare and advances in diagnostic veterinary medicine.

Dr. Crandell's career has been exemplified by his collaborative nature and his contributions to diagnostic virology, microbial diseases of animals and public health. It is with great honor that we present Dr. Robert Crandell the Pioneers in Virology Award, 2005.

\*Award subcommittee:  
Dave Benfield  
Ed Dubovi  
Jim Evermann  
Melissa Kennedy  
Fernando Osorio  
Gail Scherba

## NOTICE OF LIFETIME MEMBER AND PAST AAVLD PRESIDENT DEATH

It is with sadness that we report to the AAVLD the passing of Farrel Robinson on Saturday, 6 August in Lafayette, IN after a long bout with cancer. He was 78.

Farrel completed his BS at Kansas State in 1950; received his DVM and Master's from Kansas State in 1958 and his PhD from Texas A&M in 1965. Following a career in the Air Force Veterinary Corps, Farrel was appointed Chief of Toxicology at the Purdue Animal Disease Diagnostic Laboratory (ADDL) in 1974. He served as Director of the ADDL from 1979 to 1985. He also served as AAVLD president in 1987. He was board certified by both ABVT and ABVP. He retired as Professor of Veterinary Toxicology in 1993. He is survived by his wife Mimi and four sons.

If you would like to drop a note to Mrs. Mimi Robinson her address is:  
201 W 600 N  
W. Lafayette, IN 47907

Reported by: Bob Everson, Ph.D.,  
Toxicology Lab Supervisor  
Animal Disease Diagnostic  
Laboratory, Purdue University

# TENTATIVE AGENDA - as of August 30 , 2005

109<sup>TH</sup> ANNUAL MEETING  
UNITED STATES ANIMAL HEALTH ASSOCIATION  
and  
48<sup>TH</sup> ANNUAL CONFERENCE OF  
AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS  
Hershey, Pennsylvania  
November 3-9, 2005

## USAHA/AAVLD Daily Schedule

### ANNOUNCEMENTS

USAHA/AAVLD HEADQUARTERS HOTEL – The Hershey Lodge and Convention Center is the site of this years meeting. Telephone number: 717/533-3311, Fax: 717/534-8668 for reservations or you can make your reservations online through a web link at [www.usaha.org](http://www.usaha.org)

### USAHA/AAVLD REGISTRATION

Chocolate Lobby

Thursday, November 3 – 12:00noon-5:00pm

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

Saturday, November 5 - 8:00am-5:00pm

Sunday, November 6 - 8:00am-5:00pm

Monday, November 7 - 8:00am-5:00pm

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

Wednesday, November 9 - 8:00am-5:00pm

### REGISTRATION FEES

Member's Pre-registration Fee: \$225.00

Non-Members Pre-registration Fee: \$375.00

Life Member Pre-registration Fee: \$125.00

Member's Registration Fee at Meeting: \$275.00

Non-Members Registration Fee at Meeting: \$375.00

Life Member Registration Fee at Meeting: \$150.00

AAVLD Graduate Student/Residents Registration 2004 - \$125.00

Spouse's Registration Fee: \$50.00

USAHA Annual Dues - 2005: \$110.00

AAVLD Annual Dues – 2005: \$75.00

AAVLD Graduate Student/Resident Dues 2004 - \$25.00

**You can register on line at [www.usaha.org](http://www.usaha.org)**

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

### AAVLD EXHIBITS/POSTERS

Blue Room

Saturday, November 5 – 12:00noon-5:00pm

Sunday, November 6 – 8:00am-3:30pm

Monday, November 7 – 8:00am-1:00pm

### BULLETIN BOARD

The Bulletin Board will be located at 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 Cocoa 6 and will be open Thursday through Wednesday, 8:00AM-5:00PM.

### PRESS ROOM and COMMITTEE REPORT READING ROOM

Located in the Exhibit Hall Coat Room. Larry Mark will be in charge of the Press Room. There will be an area set aside to read committee reports.

### USDA, APHIS WORK ROOM

Tower 2 – Friday-Wednesday

## DAILY EVENTS

### THURSDAY – NOVEMBER 3, 2005

AAVLD NAHLN Symposium – 8:00am- 5:00pm; Cocoa 2-3. (Joint 8:00-Noon Cocoa 2-5)  
AAVLD Quality Assurance Education Symposium – 8:00am- 5:00pm; Cocoa 4-5. (Joint 8:00-Noon Cocoa 2-5)  
Johne's Working Group – 8:00am-9:00pm; Crystal A.  
AAVLD Accreditation Committee – 1:00-5:00pm; Tower 1., CLOSED SESSION COMMITTEE ONLY  
AAVLD – NAHLN Steering Committee – 6:00-7:00pm; Tower 3.  
AAVLD Food Safety Committee – 6:30-8:30pm; Cocoa 1.  
AAVLD - VetLIMS Users Group – 7:00-10:00pm; Tower 2.  
AAVLD – Directors of National Animal Health Laboratory Network Labs– 7:00-9:00pm; Cocoa 2-3.

### FRIDAY – – NOVEMBER 4, 2005

AAVLD Financial Advisory Committee - 7:00-8:00am; Tower Suite Board Room.  
AAVLD CL Davis Toxicologic Pathology Symposium– 8:00am-5:30pm; Crystal A.  
AAVLD Subcommittee on Bacteriology and Mycology - 8:00am-12:00pm; Wild Rose A-B.  
AAVLD Approved Methods Committee – 8:00-10:00am; Cocoa 1.  
AAVLD Publications Committee – 8:00-10:00am; Tower Suite Board Room.  
AAVLD Accreditation Committee - 8:00am-12:00pm; Tower 1. CLOSED SESSION COMMITTEE ONLY  
Holstein Association – 8:00am-4:00pm; Tower 3.  
Johne's Working Group – 8:00am-5:00pm; Aztec.  
AAVLD Emergency Preparedness Committee – 9:00-10:00am – Empire C-D.  
AAVLD Epidemiology Committee – 10:00am-12:00pm; Empire A-B.  
USAHA Executive Committee - 12:00-5:00pm; Tower Board Room.  
AAVLD Quality Assurance Committee – 1:00-3:00pm; Empire C-D.  
AAVLD Virology Committee - 1:00-4:00pm; Empire A-B.  
AAVLD Subcommittee on Antimicrobial Susceptibility Testing - 1:00-3:00pm; Wild Rose A-B.  
AAVLD Executive Board - 1:00-5:00pm; Cocoa 1.  
American Board of Veterinary Toxicology (ABVT) Executive Board – 1:00-2:00pm; Magnolia A.  
AAVLD Informatics Committee and NAHLN Information Technology Committee – 1:00-4:00pm; Cocoa 2.  
American Academy of Veterinary and Comparative Toxicology (AAVCT) Annual Meeting – 2:00-3:00pm; Magnolia A.  
AAVCT – Veterinary Toxicology Case Presentations – 3:00-4:30pm; Magnolia A.  
AAVLD Enteric Diseases Committee – 3:00-5:00pm; Wild Rose A-B  
AAVLD Serology Committee - 4:00-6:00pm; Empire C-D.  
AAVLD Editorial Board of Journal of Veterinary Diagnostic Investigation (JVDI) – 4:00-6:00pm; Tower 1.  
AAVLD Constitution and Bylaws Committee – 5:00-6:00pm; Tower 3.  
AAVLD New Member Orientation –5:15-6:00pm; Cocoa 3.  
AAVLD President's Reception and Auction– 6:00-8:00pm; Nigerian - Trinidad  
AAVLD Foundation Committee –8:00-9:00pm; Tower 1

### SATURDAY – – NOVEMBER 5, 2005

USAHA/AAVLD Committee on Animal Emergency Management– 8:00am-5:00pm; Magnolia A-B.  
AAVLD – 1st Plenary Scientific Session – 8:00-11:20am; Nigerian  
AAVLD House of Delegates and General Membership – 11:20am-12:00pm; Nigerian  
AAVLD Exhibits and Poster Session - 12:00-5:00pm; Blue Room  
National Assembly of State Animal Health Officials Meeting & Luncheon - 12:00-6:00pm; Trinidad  
AAVLD – Virology Scientific Session – 1:00-3:00pm; Crystal A  
AAVLD – Avian and Aquatic Scientific Session – 1:00-3:00pm; Aztec.  
AAVLD – Toxicology Scientific Session – 1:00-3:00pm; Empire A-B  
AAVLD – Molecular Diagnostics Scientific Session – 1:00-3:00pm; Empire C-D  
AAVLD – Pathology Scientific Session – 1:00-3:00pm; Nigerian.  
AAVLD Administrative Management Personnel Committee - 1:00-5:00pm; Cocoa 1.  
American Horse Council Health and Regulatory Committee – 1:00-5:00pm; Cocoa 5  
National Milk Producers Federation – 1:00-5:00pm; Wild Rose A.  
USAHA Scientific Advisory Sub-Committee for Johne's – 3:00-6:00pm; Magnolia D.  
AAVLD Veterinary Analytical Toxicology & Mycotoxins and USAHA Environment Committee - 3:30-6:30pm; Empire A-B.  
AAVLD Diagnostic Bacteriology Case Reports –3:30-6:00pm; Empire C-D.  
AAVLD Government Relations Committee – 3:30-5:30pm; Cocoa 2.  
USAHA Scientific Advisory Subcommittee on Tuberculosis – 3:30-5:30pm; Magnolia D.

## SATURDAY -- NOVEMBER 5, 2005 (continued)

AAVLD Histopathology Slide Seminar - 3:30-6:00pm; Aztec.  
AAVLD Membership Committee – 5:00-6:00pm; Confection Office  
AAVLD Laboratory Directors Committee - 5:30-7:30pm; Crystal A.  
Board of Directors of the American Association of Food Hygiene Veterinarians - 6:00-10:00pm; Cocoa 2  
USAHA Program Committee – 6:00-8:30pm; Cocoa 1.  
Extension Veterinarians – 3:00-10:00pm; Magnolia C.  
IDEXX Customer Appreciation Reception (open to all registrants) – 7:00-11:00pm; Nigerian  
AAVLD Bacteriology Steering Committee - 8:00-10:00pm; Confection office

## SUNDAY – NOVEMBER 6, 2005

Prayer Breakfast – 6:30-8:00am; Cocoa 4.  
Northeast District Breakfast - 6:30-8:30am; Magnolia A.  
North Central District Breakfast - 7:00-11:30am; Wild Rose A.  
Southern District Breakfast - 7:00-9:00am; Magnolia B.  
Western District Breakfast - 7:00am-11:30pm; Wild Rose B.  
AAVLD Exhibits and Posters - 8:00am-3:30pm; Blue Room.  
Food Safety Symposium - 8:00am-12:00pm; Cocoa 2-3.  
AAVLD – Bacteriology Scientific Session – 8:00am-12:00pm; Crystal A.  
AAVLD – Molecular Diagnostics Scientific Session – 8:00am-12:00pm; Aztec.  
AAVLD – Pathology Scientific Session – 8:00-12:00pm; Empire A-B.  
AAVLD – Epidemiology Scientific Session – 8:00-12:00pm; Empire C-D  
AAVLD Administrative Management Personnel Committee - 8:00am-12:00pm; Cocoa 1.  
National Cattlemen’s Beef Association - 8:30am-12:00pm; Cocoa 5.  
USAHA Education Subcommittee on Brucellosis - 10:00am-12:00pm; Tower Board Room.  
AAVLD Pathology Committee – 12:00-2:00pm; Aztec.  
USAHA/AAVLD Animal Health Information Systems Committee - 12:30-5:30pm; Crystal A.  
USAHA Committee on Captive Wildlife and Alternative Livestock – 12:30-5:30pm; Empire C-D.  
USAHA Committee on Food Safety – 12:30-5:30pm; Wild Rose A-B.  
USAHA Committee on Infectious Diseases of Horses– 12:30-5:30pm; Magnolia AB.  
USAHA/AAVLD Committee on International Standards – 12:30-5:30pm; Tower 3.  
USAHA Committee on John’s Disease - 12:30-5:30pm; Cocoa 2-3.  
USAHA Feral Swine Subcommittee on Brucellosis and Pseudorabies - 1:00-4:00pm; Cocoa 5.  
APHIS, VS Managers Workshop Conference - 1:00-5:00pm – Empire A-B.  
USAHA Mycoplasma Subcommittee of Transmissible Diseases of Poultry and Other Avian Species– 1:00-5:00pm; Tower 1  
AAVLD Laboratory Safety and Waste Disposal Committee – 1:00-5:00pm; Cocoa 1.  
District at Large (Allied Industry and Regional Delegates) - 12:30-5:30pm; Cocoa 4.  
AAVLD – Strategic Planning Committee – 3:00-5:00pm; Tower Board Room.  
USAHA Orientation for New Members – 4:30-5:30pm; Cocoa 5.  
USAHA/AAVLD President’s Reception and Dinner - 5:30-8:30pm; Chocolate Ballroom.

## MONDAY – NOVEMBER 7, 2005

AAVLD Past Presidents Breakfast - 6:30-8:00am; Cocoa 5.  
AAVLD Exhibits and Posters - 8:00am-1:00pm; Blue Room.  
USAHA Membership Meeting – 7:30-8:00am; Nigerian-Aztec-Trinidad.  
USAHA/AAVLD Plenary Scientific Session-A North American Healthy Wildlife Initiative – 8:00-11:30am; Chocolate Ballroom.  
Dr. Donal O’Toole, President-Elect, AAVLD  
Dr. Bret D. Marsh, President-Elect, USAHA  
Co-Chairs  
Dr. John Fischer, Moderator; Chair, Committee on Wildlife Diseases  
“The Wildlife/Domestic Animal Interface: Exploring New Solutions to Long-Standing Challenges” - Dr. David Hunter, Turner Enterprises, Inc.  
“A Global Perspective on the Healthy Wildlife Initiative” - Dr. Alex Thiermann, World Organization for Animal Health (OIE), USDA-APHIS  
“Surveillance and Management of Wildlife Diseases in Canada” - Dr. Brian Evans (Executive Director of the Animal Products Directorate of the Canadian Food Inspection Agency and Canada’s Chief Veterinary Officer) and Dr. Ted Leighton, (Executive Director of the Canadian Wildlife Health Centre)



## MONDAY – NOVEMBER 7, 2005 (continued)

“Perspectives on Advancing the Field of Vaccinology at the Wild, Domestic, Laboratory Animal and Human Interface: Not Missing the Opportunities” - Peter L. Nara, MSc, DVM, PhD, Biological Mimetics, Inc.

“The Healthy Wildlife Initiative: Perspectives from a State Wildlife Agency” - Mr. John Cooper, Secretary of the South Dakota Fish, Game and Parks Department; President, International Association of Fish and Wildlife Agencies (IAFWA)

“A Sportman’s View on the Need for a Healthy Wildlife Initiative” - Mr. Raymond Lee, President and CEO, Foundation for North American Wild Sheep (FNAWS)

“An Initiative to Enhance Brucellosis Vaccines, Vaccine Delivery and Surveillance Diagnostics in Bison and Elk in the Greater Yellowstone Area” – Dr. Bret D. Marsh, Chair, USAHA Special Committee on Brucellosis in the GYA

**AAVLD House of Delegates** - 11:30am-12:30pm, Nigerian-Aztec-Trinidad.

**Spouses Brunch** - 9:30-12:00pm; Crystal A.

**USAHA Past President’s Luncheon** - 12:00noon-1:30pm; Tower 1.

**Directors of State Meat Inspection** – 12:30-5:30pm; Wild Rose A-B.

**USAHA/AAVLD Committee on Aquaculture** – 12:30-5:30pm; Cocoa 4.

**USAHA Committee on Import-Export** – 12:30-5:30pm; Empire B-C-D.

**USAHA Committee on Infectious Diseases of Cattle, Bison and Camelids** – 12:30-5:30pm; Magnolia C.

**USAHA Committee on Sheep and Goat** – 12:30am-5:30pm; Empire A.

**USAHA Committee on Transmissible Diseases of Poultry and Other Avian Species** - 12:30-5:30pm; Cocoa 2-3.

**USAHA Committee on Tuberculosis** - 12:30-5:30pm; Trinidad.

**USAHA Committee on Wildlife Diseases**– 12:30-5:30pm; Magnolia AB.

**State NAIS Coordinators** – 1:00-5:00pm; Crystal A.

**Pseudorabies Control Board & Pseudorabies Program Standards** – 1:30-5:30pm; Confection Office.

**AAVLD Committee Chairs and Program Committee** – 1:30-4:00pm; Cocoa 1.

**USAHA Scientific Advisory Subcommittee on Brucellosis** – 4:00-7:00pm; Tower 3.

**National Association of Federal Veterinarians** – 5:30-8:00pm; Crystal A.

**NIAA Executive Committee** – 6:30-9:00pm; Tower 1.

**USAHA Board of Directors** – 6:00; Aztec.

**USAHA Committee on Biologics and Biotechnology** – 6:30-9:30pm; Magnolia C.

**USAHA Committee on Diagnostic Laboratory and Veterinary Workforce Development** – 7:00-9:00pm; Magnolia D

## TUESDAY, NOVEMBER 8, 2005

**USAHA Committee on Bluetongue and Bovine Retrovirus** – 8:00am-12:00pm; Empire C.

**USAHA Committee on Foreign and Emerging Diseases** - 8:00am-12:00pm; Trinidad.

**USAHA Committee on Livestock Identification**– 8:00am-12:00pm; Nigerian.

**USAHA Committee on Pseudorabies**– 8:00am-12:00pm; Cocoa 4.

**USAHA Committee on Public Health and Rabies** – 8:00am-12:00pm; Crystal A.

**USAHA Committee on Salmonella** – 8:00am-12:00pm; Cocoa 2-3.

**National Scrapie Oversight Board** – 8:00am-12:00pm; Cocoa 5.

**USDA-ARS National Animal Health Research Review** - 8:00am-12:00pm; Empire A-B.

**Directors of State Meat Inspection** - 8:00am-5:30pm; Empire A-B.

**American Association of Avian Pathologist Liaison with AVMA** – 10:00am-12:00pm; Tower 3.

**USAHA/AAVLD Officers Luncheon** – 12:00noon-2:00pm; Tower 1.

**USAHA Committee on Animal Welfare** – 12:30-5:30pm; Empire C.

**USAHA Committee on Brucellosis** - 12:30-5:30pm; Magnolia A-B-C.

**USAHA Committee on Feed Safety** - 12:30-5:30pm; Cocoa 1.

**USAHA Committee on Foreign and Emerging Diseases** – 12:30-5:30pm; Trinidad.

**USAHA Committee on Livestock Identification**– 12:30-5:30pm; Nigerian.

**USAHA Committee on Transmissible Diseases of Poultry and Other Avian Species** –12:30-5:30pm; Cocoa 2-3.

**USAHA Committee on Transmissible Diseases of Swine**–12:30am-5:30pm; Crystal A.

**Rabies Compendium** – 1:00noon-6:00pm; Magnolia D.

**USAHA Board of Directors** – 6:00-7:00pm; Aztec.

## WEDNESDAY, NOVEMBER 9, 2005

**USAHA Committee on Parasitic Diseases**– 8:00AM-12:00pm; Magnolia B.

**USAHA Committee on Pharmaceuticals** – 8:00am-12:00pm; Magnolia A.

**USAHA Committee on Public Relations** – 10:00am-12:00pm; Tower 1.

**USAHA Committee on Scrapie** – 8:00am-12:00pm; Wild Rose A-B.

**Rabies Compendium** – 8:00am-5:00pm; Magnolia D

**USAHA Membership Meeting** - 1:00 –4:00pm; Nigerian.

**USAHA Board of Directors** - 5:00-7:00pm; Aztec.

## ANNUAL MEETING SCIENTIFIC SESSIONS

### **AAVLD FIRST PLENARY SESSION**

Saturday, November 5, 2005, *Nigerian Room*

Moderator: Donal O'Toole

8:00 a.m. WELCOME AND ANNOUNCEMENTS

#### **Meeting the Needs for Human Resources in Veterinary Public Health**

8:05 a.m. The current situation - Lance E. Perryman

8:35 a.m. Perspectives of a recent migrant from the human public health world - M. Michele Manos

9:05 a.m. Lessons from MSU's experience with corporate partners - Scott Fitzgerald, Willie M. Reed

9:35 a.m. Break - 15 minutes

#### **Updates on BSE surveillance and BVDV**

9:50 a.m. Where we've been and where we are going with BSE surveillance in the United States - M. Hall, J. Richt, A. Davis, R. Levings

10:20 a.m. Test strategies for BVDV control and eradication campaigns in Europe - H. Houe, A. Lindberg and V. Moennig

10:50 a.m. Control strategies for the elimination of bovine viral diarrhoea virus from North America - H. Van Campen and J. A. Kennedy

11:20 a.m. AAVLD HOUSE OF DELEGATES MEETING

### **VIROLOGY SCIENTIFIC SESSION**

Saturday, November 5, 2005, 1:00 - 3:00 pm, *Crystal A*

1:00 p.m. Comparison of tests for detection of cattle persistently infected with bovine viral diarrhoea virus - M. S. Abrams\*, M. D. Givens, P. H. Walz, J. G. Waldrop, D. A. Stringfellow, R. L. Carson

1:15 p.m. Case comparison of RT-PCR ear notch pools, AC-ELISA ear notches and IHC ear notches to detect bovine viral diarrhoea virus persistent infections - J.A. Kennedy, R.G. Mortimer, B. Powers

1:30 p.m. Phenotypic difference of viral replication in MARC-145 cells among PRRS viruses - W-I Kim\*, J-J Kim, K-JYoon

1:45 p.m. Break

2:00 p.m. Isolation and characterization of porcine teschovirus from a hog operation experiencing a neurologic syndrome in finishing pigs - L. Koster, J. Landgraf, S. Swenson, A. Wilson, Y. Niyo, J. Kluge, J. Warg, L. Brehmer, T. DuVernoy

2:15 p.m. Development of a differential ELISA test for detecting pigs infected with swine influenza virus (SIV) - W-H Wu, W-I Kim, J-J Kim, K-Jin Yoon

2:30 p.m. Evaluation of the pathogenic potential of deer adenovirus infection in calves - L. Woods, H. Lehmkuhl, J. Parker, L. Hobbs, M. Manzer

2:45 p.m. A novel subgroup of rhadinoviruses in ruminants - H. Li, K. Gailbreath, E.J. Flach, N.S. Taus, J. Cooley, J. Keller, G. Russell, D.P. Knowles, D.M. Haig, J.L. Oaks, D.L. Traul, T.B. Crawford

### **PATHOLOGY SCIENTIFIC SESSION**

Saturday, November 5, 2005, 1:00 - 3:00 pm, *Nigerian Room*

1:00 p.m. Cellulitis and vulvovaginitis due to *Clostridium septicum* in heifers - F.A. Uzal, J. Odani, P. Blanchard, R. Moeller, J. Adaska

1:15 p.m. "Sticky kits" syndrome in mink: a secretory diarrhoea associated with *Staphylococcus intermedius* colonization - P.K. Danieuf\*, B.C. Anderson, R.K. Maes, C.A. Bolin and M.K. Kiupel

1:30 p.m. Pulmonary hypoplasia and anasarca in Shorthorn feti - J.N. Henningson\*, D.J. Steffen, L. Holler, S. Youssef

1:45 p.m. Break

2:00 p.m. Experimental intracerebral and oral inoculation of scrapie to swine: preliminary report - J.J. Greenlee, R.A. Kunkle, A.N. Hamir

2:15 p.m. Systemic feline calicivirus (FCV) infection in an Amur tiger cub - T.P. Mullaney, A.G. Wise, T.M. Harrison, S.A. Hayes, J.M. Kruger, S.R. Bolin, M. Kiupel, R.K. Maes

2:30 p.m. Hemorrhagic typhlocolitis in a horse associated with a necrotoxic, CNF-1+ strain of hemolytic *Escherichia coli* - D. Seelig\*, K. Pandher

2:45 p.m. MUM 1 protein: immunohistochemical characterization in canine plasmacytomas - J.A. Ramos-Vara, M.A. Miller

\* Graduate Student Competition

## TOXICOLOGY SCIENTIFIC SESSION

Saturday, November 5, 2005, 1:00 - 3:00 pm, *Empire A-B*

- 1:00 p.m. Chromium poisoning in a group of dairy cows - P.A. Talcott, G.J. Haldorson, P. Sathre
- 1:15 p.m. Toxicologic testing of samples from bald eagles from the southeastern United States - R. Poppenga, J. Fischer, R. Gerhold, S. Gibbs, C. Tate, K. Keel, J. Brown
- 1:30 p.m. Determination of juglone in wood shavings for indication of black walnut exposure in horses - S. Fontaine, C. Wilson, R. Everson, S. Hooser
- 1:45 p.m. Break
- 2:00 p.m. Rapid identification of lasalocid, monensin, salinomycin and narasin in feed by liquid chromatography triple quadrupole tandem mass spectrometry (LC/MS/MS) - M. Huang, Z. Yang, W.K. Rumbelha, W.E. Braselton
- 2:15 p.m. Evaluating diagnostic specimens for penitrem A intoxication - A.K. Tiwary\*, R. H. Poppenga, B. Puschner, E. Tor, J. Koon
- 2:30 p.m. Determination of manganese and molybdenum in serum by axial plasma ICP-AES coupled with ultrasonic nebulization - Z. Yang, K. J. Stuart, W. E. Braselton, W. K. Rumbelha
- 2:45 p.m. Determination of clopyralid in liver by dual GC/ECD and by LC/MS/MS - Z. Yang, M. Huang, W. Rumbelha, W. E. Braselton, M. Johnson

## MOLECULAR DIAGNOSTICS SCIENTIFIC SESSION

Saturday, November 5, 2005, 1:00 - 3:00 pm, *Empire C-D*

- 1:00 p.m. First report of bluetongue virus type 1 in the United States - D.J. Johnson\*, D.E. Stallknecht, E.N. Ostlund
- 1:15 p.m. Can screwworms carry and spread foot-and-mouth disease virus and classical swine fever virus? - M. Chaudhury, G.B. Ward, M. Y. Deng, J. Montez, M. Kenney, S.R. Skoda, T.S. McKenna
- 1:30 p.m. Identification of H3N1 influenza virus in pigs from the Midwestern United States - M. Gramer, W. Ma, K. Rossow, K.J. Yoon
- 1:45 p.m. Break
- 2:00 p.m. Quality training for a quality system - S.N. Gibbons-Burgener, M.J. Radecki
- 2:15 p.m. High-throughput sample processing of agricultural samples - B.J. Hindson, P.M. Hullinger M. Messenger, S. Hietela, Beate Crossley, M.T.McBride
- 2:30 p.m. Multiplex real-time RT-PCR for the rapid detection and serotype determination of vesicular stomatitis virus. A. Clavijo, K. Hole, L. A. Pineda

## AVIAN AND AQUATIC SCIENTIFIC SESSION

Saturday, November 5, 2005, 1:00 - 3:00 pm, *Aztec*

- 1:00 p.m. An outbreak of aerocystitis due to *Phoma herbarum* in hatchery-reared Chinook salmon fingerlings - S.D. Fitzgerald, E. Elsayed, M. Wolgamood, V. Silva, L. Mendoza, M. Faisal
- 1:15 p.m. Characterization of a novel fungus infecting burbot in the Pacific Northwest - T. F. Walsh, F. R. Rurangirwa, D. S Bradway, S. E Anderson, S. Ireland, N. Jensen, S.R. Williams, M. Neufeld
- 1:30 p.m. AI/END surveillance in backyard flocks in Colorado - Pabilonia, K.L.
- 1:45 p.m. Break
- 2:00 p.m. Development of an internal positive control for rapid diagnosis of avian influenza viral infections by reverse transcription (RT)-PCR and real time RT-PCR - A. Das, E. Spackman, D.L. Suarez
- 2:15 p.m. High throughput viral RNA isolation and quantitative real-time RT-PCR assay for detection of exogenous avian leukosis virus - B. Mozisek, J. El-Attrache, A. Burrell, Q. Hoang, R.C. Willis, W. Xu, M.A. Bounpheng, X. Fang
- 2:30 p.m. West Nile virus infection in psittacines - H.L. Shivaprasad, F. Uzal, R. Crespo, D. Read, B. Daft, L. Luna, F. Wilson, J. Moore, P. Cortes, P. Woolcock, M. McFarland, L. Woods
- 2:45 p.m. Mortality in Redpoll finches in Alaska (*Carduelis flammea*) due to *Escherichia albertii* - J.L. Oaks, K.B. Beckmen, T.E. Besser, G.H. Haldorson, D.S. Bradway, F.R. Rurangirwa, K.A. Burek

\* Graduate Student Competition

## BACTERIOLOGY SCIENTIFIC SESSION

Sunday, November 6, 2005, 8:00 am - 12:00 pm, *Crystal A*

- 8:00 a.m. Enhanced immune response of *Cervus elaphus* to live vaccine strains of *Brucella abortus* through microencapsulation - A.C. Rice-Ficht, A.G. Arenas, T.A. Ficht, D.S. Davis, P.H. Elzer, K. Nielsen, T.J. Roffe
- 8:15 a.m. Isolation of *Mycoplasma conjunctivae* and *Mycoplasma ovipneumoniae* in an episode of conjunctivitis/keratoconjunctivitis in lambs - I. Lysnyansky, S. Levisohn, I. Gerchman, D. Elad, M. Bernstein, G. Kenigswald, J. Brenner
- 8:30 a.m. Effect of HPC on *Mycobacterium avium* subsp. *paratuberculosis* (MAP) growth in liquid culture (MGIT™ - E.M. Aksim, R.H. Whitlock, T.L. Fyock
- 8:45 a.m. The effect of feeding monensin to reduce the bioburden of *Mycobacterium avium* subspecies *paratuberculosis* in neonatal calves - R.H. Whitlock, R.W. Sweeney, T. Fyock, S. McAdams, I.A. Gardner, D.G. McClary
- 9:00 a.m. Comparison of liquid MGIT™ with standard HEY slant culture and serology for the diagnosis of *M. paratuberculosis* in beef cattle - B.E. Mamer, J.E. England, B.C. Anderson
- 9:15 a.m. Pooling whole herd fecal samples to detect *Mycobacterium avium* subsp. *paratuberculosis* (MAP) in dairy herds - T.L. Fyock, R.H. Whitlock
- 9:30 a.m. New regulations for shipment of diagnostic specimens - J.E. Pearson
- 9:45 a.m. BREAK AND POSTER SESSION
- 10:15 a.m. Effect of different skin testing regimens on interferon-gamma and antibody responses in cattle experimentally infected with *Mycobacterium bovis* - M. Palmer, W. Waters, T. Thacker, F. Minion, R. Greenwald, J. Esfandiari, P. Andersen, J. McNair, J. Pollock, K. Lyashchenko
- 10:30 a.m. *Mycobacterium kansasii* infection of cattle confounds interpretation of tuberculosis diagnostic tests - W.R. Waters, M.V. Palmer<sup>1</sup>, T.C. Thacker, J.B. Payeur, and K.P. Lyashchenko
- 10:45 a.m. Molecular epidemiology of *Klebsiella pneumoniae* in dairy herds - G. Paulin-Curlee\*, R. Isaacson, R. Bey, R. Singer, D. Foster, J. Reneau
- 11:00 a.m. Standard operating procedures for Brucella culturing - M. J. Gilsdorf

## MOLECULAR DIAGNOSTICS SCIENTIFIC SESSION

Sunday, November 6, 2005, 8:00 am - 12:00 pm, *Aztec*

- 8:00 a.m. The use of armored RNA as a quantitative virus mimic for realtime RT PCR training and proficiency panels - SK Hietala, BM Crossley
- 8:15 a.m. An improved, high-throughput method for detection of bluetongue virus in *Culicoides* (biting midges) - C.Y. Kato, R.T. Mayer
- 8:30 a.m. Molecular characterization of *Mycobacterium bovis* Isolates from the United States using spoligotyping and restriction fragment length polymorphism analysis - N. B. Harris, J.B. Payeur, R. M. Meyer, C. Lutze-Wallace
- 8:45 a.m. Diagnostics of emerging infectious diseases by microarray - M.T. McIntosh, T. Burrage, S. Metwally
- 9:00 a.m. A potentially useful internal positive control for amplification assays on samples of animal origin - M. Y. Deng, H. Wang, G. B. Ward, T. S. McKenna
- 9:15 a.m. Diagnostic evaluation of a reverse transcribed real time PCR assay for vesicular stomatitis in horses - L. Koster, J. Landgraf, S. Swenson, M. Rodamaker, M. Emery, G. Smoliga, L. Rodriguez
- 9:30 a.m. Comparison of two real-time PCR techniques for the confirmation of *Mycobacterium avium* subsp. *paratuberculosis* in bovine fecal samples - T.A. Brigner, M.D. Salman, T.J. Keefe, J. Rhyan, W. Cunningham, R.L. Forde
- 9:45 a.m. BREAK AND POSTER SESSION
- 10:15 a.m. Development of a multiplex real-time PCR assay for rapid detection and differentiation of PRV - Wenjun Ma, Kelly Lager, Juergen Richt, Kyoung-Jin Yoon
- 10:30 a.m. Rapid typing of TSE strains in small ruminants using a differential ELISA technique - S. Simon, J. Nugier, H. Boutal, N. Morel<sup>1</sup>, E. Comoy, J.P. Deslys, T. Baron, S. Benestad, J. Grassi
- 10:45 a.m. Prion protein detected in cardiac muscle of elk (*Cervus elaphus nelsoni*) and white-tailed deer (*Odocoileus virginianus*) infected with chronic wasting disease - J.E. Jewell, J. Brown, E.S. Williams
- 11:00 a.m. Use of Seprion capture technology for the detection of PrP<sup>Sc</sup> in scrapie infected tissues - V. Leathers, K. Velek, S. Koller, L. Plourde, R. Toomik

\* Graduate Student Competition



## PATHOLOGY SCIENTIFIC SESSION

Sunday, November 6, 2005, 8:00 am - 12:00 pm, *Empire A-B*

- 8:00 a.m. Otitis media in calves - P.C. Blanchard, J.M. Adaska, R. Moeller  
8:15 a.m. Listeric meningoencephalomyelitis in a cougar (*Felis concolor*): characterization by histopathological, immunohistochemical and molecular methods - I.M. Langohr\*, J.A. Ramos-Vara, C.C. Wu, S.F. Froderman  
8:30 a.m. Sensitivity and specificity of monoclonal and polyclonal immunohistochemical staining for West Nile virus in various organs from American crows (*Corvus brachyrhynchos*) - R. C. Smedley\*, J.S. Patterson, J. P. Massey, M. Kiupel  
8:45 a.m. Aplasia cutis congenita (epitheliogenesis imperfecta) in swine: some observations in a large breeding herd - M.-O. Benoit-Biancamano\*, R. Drolet, S. D'Allaire  
9:00 a.m. Characterization of aneurysm and rupture of abdominal arteries in dairy cattle - C.G. Lamm\*, C.L. Guard, and B.L. Njaa  
9:15 a.m. Comparison of the pathogenicity of US PCV2 isolates from cases with and without the hallmark PCV2-associated lymphoid lesions - T. Opriessnig, P.G. Halbur  
9:30 a.m. Porcine circovirus type 2 (PCV2)-infection decreases the efficacy of a modified live porcine reproductive and respiratory syndrome (PRRSV) vaccine - T. Opriessnig\*, and P.G. Halbur  
9:45 a.m. BREAK AND POSTER SESSION  
10:15 a.m. Probable death camas intoxication in an alpaca - G. Wilkerson\* G.L. Mason, D. Gardner, A. Knight, T. Holt  
10:30 a.m. Cecal spirochetosis caused by *Brachyspira pilosicoli* in commercial turkeys - H.L. Shivaprasad, G.E. Duhamel  
10:45 a.m. A digital image database to enhance foreign animal disease education - C. Andreasen, S. Sorden, J. Roth, T. Blanchard, S. Metwally, T. McKenna  
11:00 a.m. Sodium Fluoride/Copper Naphthenate Toxicosis in Beef Cattle - B.M. DeBey, B. Jacob, F.W. Oehme, J.A. Pickrell, J.G. Vestweber, D. Tinkler  
11:15 a.m. The role of *Mycobacterium avium* subsp. *paratuberculosis* in false skin test reactors in Michigan cattle - S.D. Fitzgerald, K.G. Boland, S. Fox, S.R. Bolin, J.B. Kaneene  
11:30 a.m. Plagued by blindness: *Yersinia pestis* infection in mule deer (*Odocoileus hemionus*) manifested as bilateral endophthalmitis - D. Edmunds\*, T. Cornish, D O'Toole, R. Bildfell, P. Dearing, D. Bruning, E. S. Williams  
11:45 a.m. Defining the minimum intranasal infectious dose of OvHV-2 that is required to establish infection and acute malignant catarrhal fever in bison - D. O'Toole, N. S. Taus, L. Oaks, H. Li

## EPIDEMIOLOGY SCIENTIFIC SESSION

Sunday, November 6, 2005, 8:00 am - 12:00 pm, *Empire C-D*

- 8:00 a.m. Identification of *Mycobacterium avium* subsp. *paratuberculosis* in waste milk delivered to California calf ranches - J. Adaska, J. Kirk, E. Thornburg, J. Ruzante, J. Cullor  
8:15 a.m. Malignant catarrhal fever: a serious disease for American bison - H. Li, N.S. Taus, C. Jones, B. Murphy, D. O'Toole, J. Evermann, T.B. Crawford  
8:30 a.m. The use of sample pooling and highly sensitive enzyme linked immunosorbent assays for enzootic bovine leucosis in a cost effective eradication program - P.D. Kirkland, S. Leterme, E. Deshaies, A.D. Ross, R. Zelski  
8:45 a.m. Bovine viral diarrhoea virus (BVDV) in existing and emerging embryo technologies - J.G. Waldrop, M.D. Givens, D.A. Stringfellow  
9:00 a.m. What validation of the tuberculosis interferon gamma test tells us about current test validation criteria - E.D. Ebel, M.J. Gilsdorf  
9:15 a.m. Vesicular stomatitis outbreak in ruminants in the US in 2004 - S. Metwally, W. Cerino, T. McKenna  
9:30 a.m. Evaluation of a competitive ELISA for detection of vesicular stomatitis virus antibodies in horses during the 2004 outbreak - T.L. Buffington, B.L. Kesl, T. J. Mohlis, B.F. Harris, S.L. Swenson, B.J. Schmitt  
9:45 a.m. BREAK AND POSTER SESSION  
10:15 a.m. Evaluation of sampling and testing strategies for monitoring PRRS virus infection in boar studs - A. Rovira, C. Muñoz-Zanzi  
10:30 a.m. Evaluation of meat juice sample for detection of classical swine fever virus and antibody - H. Lomaga, B. Donahue, F. Mohammad, J. McKean, T. Beckham, T. McKenna, S. Metwally  
10:45 a.m. Decision analysis for selection of diagnostic tests as part of paratuberculosis control programs. - M. T. Collins, N. C. Dorshorst, J. E. Lombard  
11:00 a.m. Occurrence of canine leptospirosis seroreactivity in Washington State, 2000-2004 - J.F. Evermann, C.R. Petersen, M.A. Davis, N.L. Reichardt, J. VanderSchalie  
11:15 a.m. Intestinal hematoma in dairy cattle - JM Adaska, PC Blanchard, R Moeller

\* Graduate Student Competition



## USAHA/AAVLD JOINT PLENARY SESSION

Monday, November 7, 2005, 8:00 am - 11:30 pm

Dr. Donal O'Toole, President-Elect, AAVLD

Dr. Bret D. Marsh, President-Elect, USAHA

Co-Chairs

### NORTH AMERICAN HEALTHY WILDLIFE INITIATIVE

Moderator: Dr. John Fischer, Moderator; Chair, Committee on Wildlife Diseases

The wildlife/domestic animal interface: exploring new solutions to long-standing challenges - Dr. David Hunter, Turner Enterprises, Inc.

A global perspective on the healthy wildlife initiative - Dr. Alex Thiermann, World Organization for Animal Health (OIE), USDA-APHIS

Surveillance and management of wildlife diseases in Canada - Dr. Brian Evans, Chief Veterinary Officer, Canada and Dr. Ted Leighton, Canadian Wildlife Health Centre

Perspectives on advancing the field of vaccinology at the wild, domestic, laboratory animal and human interface: not missing the opportunities - Peter L. Nara, Biological Mimetics, Inc.

The healthy wildlife initiative: perspectives from a state wildlife agency - John Cooper, International Association of Fish and Wildlife Agencies (IAFWA)

A sportsman's view on the need for a healthy wildlife initiative - Raymond Lee, Foundation for North American Wild Sheep (FNAWS)

An initiative to enhance brucellosis vaccines, vaccine delivery and surveillance diagnostics in bison and elk in the Greater Yellowstone Area - Dr. Bret D. Marsh, United States Animal Health Association

## **AUCTION TO BENEFIT AAVLD FOUNDATION** **DURING AAVLD PRESIDENT'S RECEPTION AT 48<sup>TH</sup> ANNUAL MEETING**

This year the AAVLD Foundation will have an auction of donated items during the president's reception on Friday night. The purpose of the auction is to increase the pool of money available to the Foundation to use for student travel grants and awards. This is the first time this is being tried. We would like it to be both fun and a financial success. Dr. Steve Cummings, a large animal veterinarian from Lusk, WY and professional auctioneer, kindly agreed to MC the event. We are paying Steve's travel and accommodation so we have at a minimum to clear those costs before we make money for the Foundation's training/travel fund.

**The Foundation is requesting each AAVLD laboratory to consider donating ONE item to the auction (value of \$50 or greater).** Suitable items might be objects emblematic of your state, or objects handmade by an AAVLD member who has a particular skill, or are of sentimental value (associated with a well-established member, possibly one who is retired). Currently we have earnest from 9 states and one federal laboratory, but we need more than this to make this a success.

Imagination is encouraged. The donated items should be in good taste and likely to generate interest in the auction. Dr. Cummings will go through the items and decide which would be best for the voice auction, and which would be good for a silent auction. In his experience, items with a personal (especially if handmade) or with a clear regional affiliation raise the most money.

If you have a possible item for donation, please work through your laboratory director, who will contact Dr. Barb Powers ([bep@lamar.ColoState.edu](mailto:bep@lamar.ColoState.edu)) with your idea. Please copy the email to Dr. Donal O'Toole ([DOT@uwyo.edu](mailto:DOT@uwyo.edu)). If the item goes into the pool, we request that you to bring it with you to the meeting in Hershey and get it to one of us in advance of the reception. It will go to the highest bidder

Donal O'Toole, Wyoming State Veterinary Laboratory, UW  
Barb Powers, Veterinary Diagnostic Laboratories, CSU

## POSTER SESSION

48<sup>th</sup> Annual Meeting

American Association of Veterinary Laboratory Diagnosticians

Saturday November 5, 12:00 p.m. through Monday November 7, 1:00 p.m.

Blue Room

- 1 Interpretive criteria for antimicrobial susceptibility testing of ceftiofur against bacteria associated with bovine mastitis - E.S. Portis, J.L. Watts, C.J. Lindeman
- 2 Minimum inhibitory concentrations for ceftiofur and comparator antimicrobial agents against bovine mastitis pathogens isolated from 2001 to 2003 in the United States and Canada - C.J. Lindeman, E.S. Portis, L.A. Johansen
- 3 Development of immunochromatographic assay kit for detection of porcine epidemic diarrhea virus antigen - D.S. Tark, S.H. Kim, J.S. Oh, J.H. Kwon
- 4 Quality control for *Mycobacterium avium* sbsp. *paratuberculosis* cultures in the John's laboratory - A.C. Monson, R.H. Whitlock, T.L. Fyock
- 5 Evaluation of three methods to detect *Mycobacterium avium* subsp. *paratuberculosis* (MAP) in liquid media using quantitative real-time PCR - S McAdams, RW Sweeney, RH Whitlock
- 6 The effect of amphotericin B concentration on the growth of *M. avium* subsp. *paratuberculosis* and contaminant fungi in the BD BACTEC™MGIT™960 Para TB System. R. F. Pfeltz, M. T. Warns
- 7 Comparison of the commercial H3N2 enzyme-linked immunosorbent assay (ELISA) and hemagglutination inhibition (HI) test in detecting the serum antibody to H3N2 SIV - J. Kim, B.H. Janke, K.-J. Yoon
- 8 Comparison of AGID and competitive ELISA for the detection of caprine arthritis encephalitis virus (CAEV) antibodies in plasma, and PCR for proviral DNA in whole blood - C. Gerhard, J. Bowen, B. Podell, A. Schiebel, S. M. Cleveland
- 9 Real-time PCR panel for detection of avian endemic diseases that mimic highly pathogenic avian influenza and exotic Newcastle disease: part I - K. Homb, M. O'Connor, D. Krueger, Jeanne Zoromski, R. Porter, K. Toohey-Kurth
- 10 Real-time PCR panel for detection of avian endemic diseases that mimic highly pathogenic avian influenza and exotic Newcastle disease: part II - M. O'Connor, K. Homb, D. Krueger, J. Zoromski, R. Porter, K. Toohey-Kurth
- 11 Comparison of direct fluorescent antibody staining and real time PCR for the detection of *Borrelia burgdorferi* in *Ixodes scapularis* ticks - G. Gaumond, A. Tyropolis, S. Grodzicki, S. Bushmich
- 12 Detection of classical swine fever virus during clinical or subclinical infection: comparison of different sampling methods in experimentally infected swine - B. C. Donahue, H. M. Lomaga, F. Mohammed, S. A. Metwally, T.S. McKenna, T. R. Beckham.
- 13 Identification of a primer binding site unique to spring viremia of carp genotype 1a virus - J.V.Warg, A. Dikkeboom, A.E. Goodwin, K. Snekvik, J. Whitney
- 14 Development of a PCR test to identify *Mycoplasma hyopneumoniae* in porcine lung tissue - H.Y. Cai, A. van Dreumel, G. Hornby, P. Bell-Rogers, P. McRaid, B. Tamot, B. McEwen, S. Carman, G. Josephson, G. Maxie
- 15 Use of fat content of bone marrow as a diagnostic tool to support a diagnosis of starvation/malnutrition - R. Everson, K. Meyerholtz, C. Vega, C. Wilson, P. Cole, M. Owston, S. Hooser
- 16 Characteristics of poisoned dogs presented to a Portland veterinary emergency center - R.B. Cope, K.S. White, E. More, K. Holmes, A. Nair, P. Chauvin, A. Oncken
- 17 First reported case of slaframine toxicosis in horses in Brazil - P.M. Imerman, A.S. Borges, J. J. Simon, and R.M. Amorim
- 18 Auditing fundamentals - Marci Pedersen
- 19 Morphological and molecular biological studies of bovine papilloma in Korea - Y.C. Bae, S.S. Yoon, J.H. Park, K.O. Cho, M.I. Kang
- 20 Histopathological classification of the bovine lymphoma caused by bovine leukemia virus in Korea - S. S. Yoon, K. H. Lee, Y. H. Jean, Y. C. Bae, M. I. Kang and H. R. Han
- 21 Premature loss of permanent incisor teeth and gingival hyperplasia in cattle in southern Brazil - A.P. Loretto\*, E.M. Colodel
- 22 Comparison of two polymer-based immunohistochemical detection systems: ENVISION<sup>+</sup>™ and ImmPRESS™ - J.A. Ramos-Vara<sup>1</sup>, M.A. Miller<sup>1</sup>
- 23 *Blastocystis* in the intestine of turkeys - H. L. Shivaprasad, R. Crespo, P. Cortes, R. P. Chin, H. J. Barnes
- 24 Detection of Newcastle disease virus RNA by reverse transcription polymerase chain reaction using formalin-fixed, paraffin-embedded tissue and comparison with immunohistochemistry and In situ hybridization - N. Wakamatsu, D. J. King, B. S. Seal, T. M. Deal, C. C. Brown
- 25 Histological demonstration of a pathological or non-artifact basis for epiphysis separation induced during doxofemoral disarticulation in clinically normal poultry - F. Wilson, P. Stayer, L. Pace, F. Muhammad
- 26 Secondary hepatogenous copper toxicosis associated with spontaneous poisoning by *Senecio brasiliensis* in sheep - M.R.S. Ilha\*, A.P. Loretto, S.S. Barros, C.S.L. Barros
- 27 Experimental transmission of transmissible spongiform encephalopathies (TSEs) at the National Animal Disease Center (NADC), Ames, Iowa: an update - A. N. Hamir, R. C. Cutlip, J. M. Miller, R. A. Kunkle, J. J. Greenlee, J. A. Richt,
- 28 Vitamin A deficiency in turkey poults - P.L. Cortes, A. Tiwary, R.P. Chin, B. Puschner, M. Bland, R.M. Crespo, and H.L. Shivaprasad
- 29 Leptospirosis-associated abortion in mares - L.I. Cheng\*, J.J. Andrews, R.L. Fredrickson, C.W. Maddox
- 30 Paratuberculosis in mouflon (*Ovis musimon*) - a case report - Y.C. Bae, H.Y. Kim, S.S. Yoon, Y.H. Jean, K.O. Cho, M.I. Kang
- 31 Serological survey of domestic ruminants in Louisiana for antibodies to BTV-1 - M.P. Emery, S.K. DeJean, T.J. Palmer, E.N. Ostlund

\* Graduate Student Competition

## COMMITTEE AGENDAS

### STANDING COMMITTEES:

#### **Joint Committee Chairs and Program Committee:**

Chairs: Donal O'Toole and Gary Osweiler, Monday, November 7, 1:30-4:00pm, Cocoa 1  
Program Committee review of 2005 meeting & issues for 2006

1. Abstract review process
  - a. Standards/guidelines for abstracts
  - b. Criteria for oral versus poster selection
  - c. Preferred session allocations (by species, discipline, technology etc)
  - d. Volume of presentations and posters – goals and limitations
2. Scientific Sessions
  - a. Range and quality of presentations
  - b. Facilities
  - c. Space
3. Flow of LCD presentations; problems or issues with electronic presentations
  - a. Suggestions for improvement
4. Plenary Sessions
  - a. AAVLD Plenary Session
  - b. Joint USAHA/AAVLD Session
5. Sponsorship of Meeting
  - a. AAVLD
  - b. Joint AAVLD-USAHA sessions (President's dinner, joint plenary, coffee breaks)
6. Committee Chairs Updates
  - a. Facilities, space issues/comments from 2005 meetings
  - b. Anticipated changes in meeting room size needs for 2006
  - c. Committee action items for coming year
  - d. Suggested symposia topics for 2006
  - e. Items for executive board action

#### **Journal of Veterinary Laboratory Investigations Editorial Board**

Editor Jerry Saliki, November 4, 4:00-6:00pm, Tower 1

- 1) Welcome and introductions
- 2) Report from the Editor
- 3) Matters arising from the Editor's report
- 4) Discussion - online publishing of JVDI?
- 5) Discussion - structure of JVDI: balance between full-length papers and brief communications
- 6) Discussion - journal content: letters? advertisements?
- 7) Discussion - how can we enhance editorial process to shorten review turn-around time?
- 8) Editorial board appointments
- 9) Other matters
- 10) Adjournment

#### **Membership Committee**

Co-chairs Richard Mock and Barb Powers, Saturday, November 5, 5:00-6:00pm, Confection Office

1. New member orientation review
2. Review of membership statistics 2005
3. New member welcome letter for 2006
  - a. Orientation 2006
4. Notice to delinquent members for 2006
5. Life Membership review

#### **Publications Committee**

Chair David Steffen, Friday, November 4, 8:00-10:00am, Tower Suite Board Room

- 1) JVDI report -Saliki
- 2) JVDI content Balance of articles, invited reviews letters to the editor.
- 3) On-line publication of JVDI
- 4) Newsletter report -Blanchard
- 5) Web report -Janke
- 6) On-line reviews and monographs - Steffen
- 7) Selection/Appointment of new members (2)

## SPECIAL COMMITTEES:

### Administrative Management Personnel Committee

Chair: Geraldine Jessup, Saturday November 5, 1:00-5:00pm and Sunday, November 6, 8:00am- Noon, Cocoa 1.  
PENDING

### Approved Methods

Co-chairs Barbara Martin and Jim Pearson, Friday, November 4, 8:00-10:00am, Cocoa 1

Summary from previous meetings & discussion of previous action items

Barb Martin and Jim Pearson, Co-chair

Completed matrices for approved tests

Committee Chairs of AAVLD Discipline Committees:

Pathology Committee - Donal O'Toole

Serology Committee - Charles (Sandy) Baldwin, Jim England (co chair)

Veterinary Analytical Toxicology & Mycotoxin -, Brent Hoff chair, Catherine Barr – (co chair)

Virology Committee - David Benfield, Jim Evermann (co-chair)

Bacteriology Steering Committee - Deepanker Tewari, . Brenda Love (co-chair)

Discussion of proposed approved methods Committee Members

Validation of PCR techniques

OIE Standard

Peter Wright

USDA Standard

Barb Martin

Discussion

Committee Members

Discussion of future activities of the Approved Methods Committee Committee Members

Adjourn

### Animal Emergency Management Committee, USAHA/AAVLD

Co-chairs Pat Blanchard (AAVLD) and Keith Roehr (USAHA), November 5, 8:00am – 5:00pm, Magnolia A-B

Tentative Agenda: order may change:

- a. Dr. Larry Granger, APHIS (50 minutes):
  - National Stockpile- current activities and future plans
  - Decision process and options for FAD response: vaccine scenarios versus stamping out
  - Animal Health Emergency Program Update
- b. Dr Sebastian Heath (20 minutes):
  - TCL future plans and next steps.
  - Update on ODP Grants- USDA grant assistance outreach
- c. Dr. Dorothy Geale, New Zealand (1 hour)
  - Exercise Taurus (national FMD simulation) in New Zealand
  - Comprehensive Carcass Disposal Programme for NZ- from Rendering MOUs to On-Farm burial pit design
- d. Insights from an animal health foresight exercise (alternatives to large scale animal depopulation)– Dr. Carol Tuszynski, CEAH (30 minutes)
- e. Emergency Response: an industry economics approach- Dr. Barrett Slenning, NCSU, (45 min)
- f. Midwest Consortium of States Emergency Planning and Response Activities Completed and in Progress – TBD (20 minutes)
- g. Southern Regional Credentialing system – Dr. Ron Wilson, TN (15 minutes)
- h. Message Mapping – NASDA efforts – Bob Ehart, NASDA (15 minutes)
- i. Communication strategies and national consumer survey results regarding media activities – Gary Weber (15 min)
- j. Biosecurity in Practice – Dr. Dee Griffin (Great Plains Veterinary Education Center, NE) (30 minutes)

Updates:

1. Plum Island Update – Programs, Research, Lab Plans, DHS activities - Dr. Kimothy Smith (20 minutes)
  2. Update from DHS – Dr. Tom McGinn (25 minutes)
    - a. HSIN Update and any NBIS update
  3. Bioshield II legislation – John Adams (5 minutes)
  4. Laboratory subcommittee update – Dr. Pat Blanchard (5 minutes)
  5. Northcom exercise - DOD role, lessons learned – Dr. Brian Noland (15 minutes)
  6. National transportation planning template – Drs. Roehr/Myers (5-10 minutes)
  7. Georgia Training Materials – Dr. Lee Myers, GA (15 minutes)
  8. Integrated Emergency Management Course Report – 5-10 minutes (TBD)
- Business/Resolutions (30 minutes)

## **Animal Health Information Systems, USAHA/AAVLD**

Co-chairs Bruce Akey and Francois Elvinger, November 6, 12:30-5:30pm, Crystal A

### Tentative Agenda Items

- National Laboratory Surveillance Integration – NAHLN, LRN, eLEXNET, FERN, NBIS and beyond
- National Animal Health Reporting System (NAHRS) Update
- National Animal Health Surveillance System (NAHSS) Update
- National Animal Health Laboratory Network (NAHLN) IT Architecture – the need for nationally standardized identifiers beyond premises and animals
- California Pilot Project – an end-to-end solution for data collection from the field to central databases and back again
- USDA:VS Information Systems – game plan for meeting the needs of surveillance, monitoring and reporting
- Impact of NAIS on State Information Systems
- Decision Support Systems – this is not your father’s database
- Review of Committee Mission Statement
- Business/Resolutions

## **Aquaculture Committee, USAHA/AAVLD**

Co-Chairs, USAHA: Scott E. LaPatra, AAVLD: Thomas J. Baldwin, Monday, November 7, 12:30-5:30 pm, Room: Cocoa 4

12:30	Opening Comments	Scott LaPatra Tom Baldwin
12:35	Update from the National Aquaculture Association	Randy MacMillan
12:55	Update from the National Animal ID Program	Valerie Ragan
1:15	Update from APHIS	John Clifford Bill Rolland
1:45	Update from AVMA – Aquatic Vet Med Committee	David Scarfe
2:00	Update from Fish Health Section / AFS	Scott LaPatra
2:15	Fish Health Medicine Certificate Program	Myron Kebus
2:30	Break	
2:45	Forecasting Disease Emergence in the Aquaculture Industry	Victoria Bridges
3:15	New Business	
	- Issues from the floor	
	- Resolutions and/or Recommendations	
	Old Business	
	- Review of last year’s resolutions passed by this committee	
	- Progress reports of actions taken	
5:30	Adjourn	

## **AAVLD Foundation committee**

Chair Barb Powers, Friday, November 4, 8:00pm-9:00pm, Tower 1

1. Discussion of information obtained at July special session to:
  - a. revise purpose statement
  - b. restructure/focus fund raising efforts and funded activities

## **AAVLD Bacteriology Steering Committee**

Co-chairs Deepanker Tewari and Brenda Love, Saturday, November 5, 8:00pm-10:00pm, Empire C-D

- Laboratory approved methods
- Discussion on meeting minutes from subcommittees
- Future workshop needs
- Other business



## **Bacteriology and Mycology subcommittee**

Co-chairs Susan Sanchez and Sreekumari Rajeev, Friday, November 4, 8:00am – Noon, Wild Rose A-B

1. Check test
  - a. Purpose
  - b. Results and statistics
  - c. The electronic age
  - d. Comments
  - e. Volunteers for case submissions check test 2006
2. Aerobic Bacteriology Steering Committee News and updates
  - a. Standardization of laboratory tests
    - i. Standardization of *Salmonella* testing in pigs (Brenda Love update)
  - b. Bioterrorism organisms SOP's
  - c. Reporting isolation of a select agent
3. Anaerobic Bacteriology Steering Committee news and updates
4. Mycology Steering Committee news and updates
  - a. What is new in veterinary mycology by Dr. Wheat of Mira Vista Diagnostics sponsored by the American College of Veterinary Microbiology
  - b. Interesting cases.
5. Old business
6. New business

## **Antimicrobial Susceptibility sub-committee Agenda**

Co-chairs Doreene Hyatt and Ching Ching Wu. Friday, November 4, 1:00-3:00 pm, Wild Rose A-B

- 1 Introductions and sign-up sheet
- 2 Old business
  - a. Compilation of panel designs from different laboratories
    - i. Only one submission to date
  - b. Other old business
- 3 New Business
  - a. Updates to NCCLS
    - i. Name change - Clinical and Laboratory Standards Institute (CLSI)
    - ii. New publications
      1. *Methods for Antimicrobial Disk Susceptibility Testing of Bacteria Isolated from Aquatic Animals; Proposed Guideline (M42-P)*
      2. *Methods for Broth Dilution Susceptibility Testing of Bacteria Isolated from Aquatic Animals; Proposed Guideline (M49-P)*
      3. Interest in participating in the development of an upcoming consensus project?
    - iii. Other CLSI updates
  - b. Other New business
- 4 Old business
- 5 New business

## **Constitution, ByLaws and Resolutions committee**

Chair: Dave Steffen, Friday, November 4, 5:00-6:00pm, Tower 3

- 1) Review resolutions presented by committee's
- 2) Article 7 Selection of State Delegates. Is the process documented and how do we get delegate input on executive board agenda items at interim meetings.
- 3) Possible changes in ByLaws Articles 2, 8 and 11
- 4) Selection of new Committee Chair

## **Emergency Management Planning subcommittee of USAHA/AAVLD Animal Emergency Management Committee**

Co-chairs Alfonso Torres and Pat Blanchard, November 4, 9:00am-10:00am, Empire C-D

1. After Action Report/Lessons Learned - Format review, most important info to users, action plan
2. Typing/credentialing of laboratory workers for FAD/Disease outbreak - progress to date, types of positions, action plan development
3. Proposed resolution regarding disinfectants, etc. from Comm. on Animal Emergency Management- should AAVLD also pass it?

### **Enteric Diseases Committee**

Chair Glen Songer, Friday, November 4, 3:00-5:00pm, Wild Rose A-B

1. Enteric Tritrichomonas infection in cats - Karen Post
2. Clostridial disease in pigs - Glen Songr
3. Johne's diagnostics - pending
4. Discussion of major challenges in the diagnosis of enteric diseases - Glen Songer, moderator

### **Epidemiology committee**

Co-chairs Mark Thurmond and Francois Elvinger, Friday, November 4, 10:00am – Noon, Empire A-B

1. Involvement of diagnostic laboratories in surveillance planning and implementation
2. Review of validation of diagnostic tests for FAD, emerging and other diseases and guidelines for in-house validation processes
3. Sampling: theory and practice in the veterinary diagnostic lab environment
4. Review of progress made on 2004 Annual Meeting committee recommendations

### **Food Safety Committee**

Co-chairs: Hailu Kinde, Co- Chair: Patrick McDonough, November 3, 2005, 6:30-8:30 PM, Cocoa 1

6:30 PM - Call to order

6:35 – 7:00 PM - Update on the Activities/Coordination of FERN, NAHLN and LRN - Patrick C. McCaskey, Senior Executive for Laboratory Services USDA, FSIS, Office of Public Health Science.

7:05 – 7:30 PM - The Role of Veterinary Diagnostic Laboratories in FERN - Doris Miller, Director, Veterinary Diagnostic and Investigational Laboratory, University of Georgia.

7:35 – 7:50 - Molecular Diagnostic Methods validated for food safety testing (Speaker to be designated).

7:55 – 8:05 PM. - Survey of AAVLD Laboratories that have capabilities and or interests in Food Safety testing (Regulatory Monitoring/Surveillance, preharvest, packing plant, retail or combination of )– Hailu Kinde, DVM, MPVM, California Animal Health and Food Safety Laboratory, San Bernardino Branch.

8:10- 8:30 - Group Discussion

### **Government Relations**

Co-chairs: Bruce Akey and Gary Osweiler, November 5, 3:30-5:30pm, Cocoa 2

1. NBIS and relationships with NSU – potential roles for AAVLD
2. Update on the survey instrument developed by NSU (Sara Tomlinson)
3. S – 1532: The Agroterrorism Act of 2005 – Implications for AAVLD and NAHLN
4. AAVLD role in promoting support for NAHLN in FY 2007 and FY 2008

### **Informatics and NAHLN IT**

Chairs Jim Case and Jay Kammerzal, Friday, November 5, 1:00-4:00pm, Cocoa 2

1:00 Call to order

- Introductions from each Lab
- Old Business or Updates from AAVLD Board
- California Avian Pilot Project - Jay Ross
- NAHLN Update –
- OID Website – Randy
- NAHLN Implementation Guide

2:30 Return from break

- NAHLN Implementation Guide (cont'd)
- HL7 Message structure - Jim
- LOINC Codes
- Snomed Codes

Resources

LOINC – <http://www.loinc.org>

HL7 – <http://www.hl7.org>

## Laboratory Directors

Co-chairs Ron Lewis and Helen Acland, Saturday, November 5, 5:30-7:30pm, Crystal A

1. *Randall L. Levings, APHIS*
  - a. Update on NVSL construction project
  - b. BSE testing and surveillance update
  - c. Progress on the National Animal Health Laboratory Network
2. *Paul Kitching, Director, National Centre for Foreign Animal Diseases, CFIA*  
**The Canadian Animal Health Surveillance Network.**
3. *Monte Reimers, Michigan State University, Chair, Quality Assurance Committee*  
Update on Quality Assurance Committee
4. *Other*

## Laboratory Safety/Waste Disposal committees

Chair Larry Thompson, Sunday, November 6, 1:00-5:00pm, Cocoa 1  
PENDING

## Pathology committee

Chair Donal O'Toole, Sunday, November 6, Noon- 2pm, Aztec  
Draft agenda

1. Review of Saturday slide conference and selection of co-chair for 2006.
2. SOPs for pathology sections
3. Immunohistochemistry SOPs
4. Clinical Pathology subcommittee update - Claire Andreasen
  - a. QA/QC and accepted/approved methods in clinical pathology
5. Web-based version of Laboratory Diagnosis of Livestock Abortion
6. CL Davis ideas for 2006
7. Election of pathology chair to replace D O'Toole

## Quality Assurance committee

Chair Monte Reimers, Friday, November 4, 1:00-3:00pm, Empire C-D

1. Introduction/Committee background/Sign up sheet
2. Welcome to new members
3. Essential requirements document/AAVLD expectations
4. What QA can do for you: Science, Business, Continuous quality improvement, Liability issues, Performance benchmarks (Intended to highlight benefits for those still struggling with management buy in and providing adequate resources.)
5. Practical laboratory statistics
6. Document management systems
7. IT QA/computer systems validation
8. Approved methods/New methods/Validation steps
9. Training for nontechnical staff
10. Internal auditing/training
11. Shared documents, including SOP's on QA website
12. Top ten list from QA committee to AAVLD
13. Other business
14. Adjourn

## Serology committee

Co-chairs Charles Baldwin and Jim England, November 4, 4:00-6:00pm, Empire C-d  
PENDING

### Strategic Planning Committee

Chair: DH Zeman, Sunday, November 6, 3:00-5:00pm, Tower Board Room

1. Review Progress on current Strategic Plan items
2. Make additions or deletions to current Strategic Plan
3. Open Forum - relative to strategic plan and committee activities

### AAVLD Veterinary Analytical Toxicology & Mycotoxins and USAHA Committee on the Environment

Co-chairs Brent Hoff and Catherine Barr, Saturday, November 5, 2005 - 3:30- 6:30pm, Empire A-B

- 1) Contemporary Issues on Food Security – A Global Perspective -*T. Wilson* (3:30-4:45)
- 2) Dioxins and Perchlorate in Animal Feeds *R. Lovell* (4:45-5:15)
- 3) A Rapid Extraction Method for Anticoagulants *W. Brewer* (5:15-5:45)
- 4) Mycotoxins in 2005 – discussion (5:45- 6:15)
- 3) A Rapid Extraction Method for Anticoagulants *W. Brewer* (5:15-5:45)
- 4) Mycotoxins in 2005 – discussion (5:45- 6:15)

### Virology committee

Co-chairs Jim Evermann and David Benfield, Friday, November 4, 1:00-4:00pm, Empire A-B

- 1) 1 to 1:10 Opening Comments
- 2) 1:10 to 1:20 Announcement of new Co-Chair, Note of Appreciation to Dave Benfield, who served two terms
- 3) 1:20 to 1:30 Update on NVSL Virology, 2005, Dr. Bev Schmitt
- 4) 1:30 to 1:45 Introduction of Awardee of Committee's First 'Pioneers in Virology Award'
- 5) 1:45 to 2:15 Address to Committee and guests by Awardee, Dr. Bob Crandell  
'Reflections on Veterinary Virology'
- 6) 2:15 to 2:30 Break
- 7) 2:30 to 4pm Special Topics Seminar 'Ecology, Epidemiology, and Evolution of Viral Infections: Impact Upon Diagnostics'
  - A) 2:30 to 3:15 Practical Implications of BVDV Variability, Dr. Julia Ridpath, ARS-USDA, Ames
  - B) 3:15 to 4:00 Interspecies Viral Transmission: Genetic Variability of Host and Agent, Dr. Paul Gibbs, University of Florida, Gainesville.
- 8) 4 PM Items for the good of the committee, Adjournment

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## FUTURE MEETINGS

October 3-5, 2005, **Congress IABs 2005** in Saint Malo, France. New Diagnostic Technology: Applications in Animal Health & Biologics Controls. Applications in disease surveillance, molecular epidemiology and quality control tests of vaccines. For additional information on program, registration, etc. see web site at [www.zoopole.com/ispaia/iabs2005](http://www.zoopole.com/ispaia/iabs2005)

October 7-8, 2005, **CL Davis Foundation for Veterinary Pathology 15th South Central annual meeting** at San Luis Resort, Galveston Island, TX. Case reports on veterinary pathology and laboratory animal medicine. Invited speaker: Dr. Charles Clifford, Charles River Labs, "Laboratory Animal Pathology and Disease Monitoring"; 10 CE hours. Contact Dr. Jeff Eggers, Phone 210-536-3554; email [jeffrey.eggers@brooks.af.mil](mailto:jeffrey.eggers@brooks.af.mil) or <http://www.afip.org/CLDavis/CLDavis.meetings.htm>.

October 14-15, 2005, 38<sup>th</sup> annual **Western Conference of Veterinary Diagnostic Pathologists** will be held at the Delta Bessborough hotel, Saskatoon, Saskatchewan. The WCVDP is a case-based conference. The theme for one day is cardiovascular system pathology. Dr. James Turk will serve as moderator. The second day will focus on diagnostic investigations, moderated by Dr. Carl Ribble. Registration for the Conference will take place the morning of October 14th. There is no advanced registration. The cost is \$150.00 Canadian or \$125.00 US per laboratory. Make payment to the order of the WCVDP. Hotel reservations can be made by calling the Central Reservations Office at 1-800-268-1133 or the Delta Bessborough directly at (306) 244-5521. Callers must mention the group name WCVDP to receive the appropriate rate and be included in the guest room block. For information regarding the WCVDP contact Andy Allen ([andrew.allen@usask.ca](mailto:andrew.allen@usask.ca)), Department of Veterinary Pathology, Western College of Veterinary Medicine, University of Saskatchewan, 306-966-7294

November 16-19, 2005, 12<sup>th</sup> International Symposium of the **World Association of Veterinary Laboratory Diagnosticians with the 7<sup>th</sup> OIE SEMINAR ON BIOTECHNOLOGY**, VIII Uruguayan Veterinary Medicine Congress "Luis Queirolo Monteverde", and V National Small Animals Congress -SUVEPA at the Radisson Victoria Plaza Hotel in Montevideo, capital city of Uruguay. For more information see [www.congresos-rohr.com/labdiag](http://www.congresos-rohr.com/labdiag). Reduced rate early registration deadline October 31. OIE program on 17 November: OIE procedures for recognition of diagnostic tests; Standardization, quality control and validation of molecular diagnostic tests; Use of genetic typing methods for tracing and epidemiological studies of zoonoses; Use of automation/robotic equipment in diagnostic laboratories; Data handling and interoperability between laboratories (LIMS); Potential for post genomics in the diagnosis of zoonoses; Emerging Diseases.

December 3-7, 2005. 56th Annual meeting of **American College of Veterinary Pathologists** and 40th Annual Meeting of **American Society for Veterinary Clinical Pathologists** will be held at the Boston Marriott Copley Place Hotel, Boston Massachusetts. ACVP is approved to conduct educational programs by the American Association of Veterinary State Boards<sup>1</sup> RACE. For more information on the meeting, please contact the American College of Veterinary Pathologists at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; Phone:(608) 443-2466, ext. 145; Fax: (608) 443-2478; Email: [meetings@acvp.org](mailto:meetings@acvp.org) <<mailto:sphelps@tmahq.com>> ; Website: <http://www.acvp.org/meeting>. There are also three scheduled pre-conference and two post-conference workshops for an additional fee.

July 25-28, 2006: The **8th Biennial Congress of the Anaerobe Society of the Americas** will be held in Boise, Idaho USA. The deadline for veterinary oral and poster presentations is **February 10, 2006**. An anaerobe workshop will be held July 25, 2006. Please contact either Spencer Jang ([ssjang@ucdavis.edu](mailto:ssjang@ucdavis.edu)) or Glenn Songer ([gsonger@u.arizona.edu](mailto:gsonger@u.arizona.edu)) regarding a presentation in the veterinary session. Visit the ASA website: [www.anaerobe.org](http://www.anaerobe.org) for most recent information.

## **CLINICAL AND LABORATORY STANDARDS INSTITUTE (CLSI)** **MICROBIOLOGY PRODUCTS**

Two new proposed CLSI educational reference documents, *Methods for Antimicrobial Disk Susceptibility Testing of Bacteria Isolated from Aquatic Animals; Proposed Guideline (M42-P)* and *Methods for Broth Dilution Susceptibility Testing of Bacteria Isolated from Aquatic Animals; Proposed Guideline (M49-P)*, are now available for purchase. M42-P provides the most up-to-date techniques for disk diffusion susceptibility testing of aquatic species isolates, with criteria for quality control testing. M49-P includes a standardized broth dilution method and quality control guidelines for determining minimal inhibitory concentrations (MICs) of aquatic bacteria by broth micro- and macrodilution. Visit their web site for more information at <http://www.clsi.org/>

If you are interested in participating in the development of an upcoming consensus project. CLSI volunteers, experts in the medical-testing community, share and enhance their technical expertise and work together to write reliable and practical consensus standards and guidelines to improve the efficiency and effectiveness of clinical laboratory practices and medical testing. Check out the latest edition of our newsletter at <http://enews.clsi.org/clsi/issues/2005-06-08/>

The CLSI Veterinary Microbiology Specialty Collection. Includes:

**Quality Control for Culture Media (M22-A3)**

Members \$60 Nonmembers \$150

**Protection of Laboratory Workers (M29-A3)**

Members \$100 Nonmembers \$200

**Veterinary Antimicrobial Susceptibility Tests (M31-A2)**

Members \$60 Nonmembers \$120

**Lyme Disease (M34-A)**

Members \$60 Nonmembers \$120

**Veterinary Test Development (M37-A2)**

Members \$60 Nonmembers \$120

**Antimicrobial Disk Susceptibility Testing of Bacteria Isolated From Aquatic Animals (M42-P)**

Members \$60 Nonmembers \$120

**Broth Dilution Susceptibility Testing of Bacteria Isolated From Aquatic Animals (M49-P)**

Members \$60 Nonmembers \$120

*For the total collection above: Members \$230 Nonmembers \$450*

Preview sample pages and place orders at <http://www.clsi.org/>



## AAVLD HOUSE OF DELEGATES 2005

<b>Alabama</b>	Delegate Alternate	Fred Hoerr Open	<b>New York</b>	Delegate Alternate	Alfonso Torres Edward J. Dubovi
<b>Alaska</b>	Delegate Alternate	Kathy A. Burek Huntington	<b>North Carolina</b>	Delegate Alternate	Gene A. Erickson Karen W. Post
<b>Arizona</b>	Delegate Alternate	John Blake Gregory A. Bradley	<b>North Dakota</b>	Delegate Alternate	Neil W. Dyer Mary M. Finseth
<b>Arkansas</b>	Delegate Alternate	Carlos Reggiardo Open Open	<b>Ohio</b>	Delegate Alternate	Beverly Byrum Sheila D. Grimes
<b>California</b>	Delegate Alternate	Sharon K. Hietala John Adaska	<b>Oklahoma</b>	Delegate Alternate	Bill J. Johnson Open
<b>Colorado</b>	Delegate Alternate	Barbara E. Powers Doreene Hyatt	<b>Oregon</b>	Delegate Alternate	Jerry R. Heidel Rob Bildfell
<b>Connecticut</b>	Delegate Alternate	Herbert Van Kruiningen Sandra Lee Bushmich	<b>Rhode Island</b>	Delegate Alternate	Open Open
<b>Delaware</b>	Delegate Alternate	Open Open	<b>Pennsylvania</b>	Delegate Alternate	Helen M. Acland Open
<b>Florida</b>	Delegate Alternate	Beatriz Miguel Open	<b>South Carolina</b>	Delegate Alternate	Pamela G. Parnell William E. Brewer
<b>Georgia</b>	Delegate Alternate	Doris M. Miller Charles A. Baldwin	<b>South Dakota</b>	Delegate Alternate	Regg Neiger Larry D. Holler
<b>Hawaii</b>	Delegate Alternate	Open Open	<b>Tennessee</b>	Delegate Alternate	Ronald B. Wilson David A. Bemis
<b>Idaho</b>	Delegate Alternate	Kendal G. Eyre James J. England	<b>Texas</b>	Delegate Alternate	Lelve Gayle Open
<b>Illinois</b>	Delegate Alternate	John J. Andrews* Dale M. Webb	<b>Utah</b>	Delegate Alternate	Emma Jane Kelly Thomas Baldwin
<b>Indiana</b>	Delegate Alternate	H. Leon Thacker Stephen B. Hooser	<b>Virginia</b>	Delegate Alternate	Joseph Garvin D. Jack Tate
<b>Iowa</b>	Delegate Alternate	Bruce H. Janke Gary Osweiler	<b>Washington</b>	Delegate Alternate	James Evermann Jay P. Weidner
<b>Kansas</b>	Delegate Alternate	Jerome Nietfeld Brad M. DeBey	<b>West Virginia</b>	Delegate Alternate	Lynn O. Post Randall A. Lovell
<b>Kentucky</b>	Delegate Alternate	Lenn Harrison* Craig N. Carter	<b>Wisconsin</b>	Delegate Alternate	Robert M. Shull Suzanne Gibbons-Burgener
<b>Louisiana</b>	Delegate Alternate	Alma F. Roy Robert P. Poston	<b>Wyoming</b>	Delegate Alternate	Donal O'Toole Kenneth Mills
<b>Maine</b>	Delegate Alternate	Open Open	<b>Alberta</b>	Delegate Alternate	Bill Yates Pamela Gale
<b>Maryland</b>	Delegate Alternate	Jimmy Huang Open	<b>British Columbia</b>	Delegate Alternate	Ronald J. Lewis Open
<b>Massachusetts</b>	Delegate Alternate	Terri Wheeler Open	<b>Manitoba</b>	Delegate Alternate	Peter F. Wright Open
<b>Michigan</b>	Delegate Alternate	Willie M. Reed Thomas P. Mullaney	<b>New Brunswick</b>	Delegate Alternate	James P. Goltz Open
<b>Minnesota</b>	Delegate Alternate	James E. Collins Marie L. Gramer	<b>Newfoundland</b>	Delegate Alternate	Hugh Whitney Open
<b>Mississippi</b>	Delegate Alternate	Lanny W. Pace S.W. Jack	<b>Nova Scotia</b>	Delegate Alternate	Linda Ferns Open
<b>Missouri</b>	Delegate Alternate	Alex Bermudez Open	<b>Ontario</b>	Delegate Alternate	Grant Maxie Murray Hazlett
<b>Montana</b>	Delegate Alternate	A.W. Layton Donald J. Marshall	<b>PEI</b>	Delegate Alternate	Paul Hanna Carmencita V. Yason
<b>Nebraska</b>	Delegate Alternate	David Steffen Douglas G. Rogers	<b>Quebec</b>	Delegate Alternate	Doris Sylvestre Open
<b>Nevada</b>	Delegate Alternate	Anette Rink Open	<b>Saskatchewan</b>	Delegate Alternate	Andrew L. Allen Greg D. Appleyard
<b>New Hampshire</b>	Delegate Alternate	Joseph J. Moore Wendell P. Davis	<b>NVSL</b>	Delegate Alternate	Randall L. Levings Beverly Schmitt
<b>New Jersey</b>	Delegate Alternate	Robert J. Eisner Open	<b>USAHA</b>	Delegate Alternate	J. Lee Alley Open
<b>New Mexico</b>	Delegate Alternate	Gregory P. Jillson R. Flint Taylor			

## EXHIBITS SCHEDULED IN HERSHEY...

Exhibits and the AAVLD Poster Session will be open on Saturday (12:00 noon - 5:00 p.m.), Sunday (8:00 a.m.-3:30 p.m.) and Monday (8:00 a.m. - 1:00 p.m.), November 5-7, in the Blue Room, Hershey Convention Center, Hershey, PA.

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 20. A complete "Exhibit Directory" will be distributed at the meeting.

### Automated Technologies Inc.

210 W. Hamilton Ave. #297, State College, PA 16801 (Phone: 814-237-3001; Fax: 814-237-3236; Web Site: [www.atiinternational.com](http://www.atiinternational.com))

ATI has raised the bar once again with our LIMS Pro Ver 7.0; our versatile Laboratory Information Management System (LIMS) in use at six laboratories. Experience the power of the first and only multi-tasking, multi-threaded LIMS. Marvel at the ease of generating professional looking reports, the power of data mining, the simplicity of conducting ad-hoc searches, the customized worklists and worksheets, the audit trail, the customized test lists, the customized data entry, the automated electronic reporting, the interfacing with laboratory equipment. You can even associate photos, voice recordings, even video with your cases and warehouse, track and print photographs with your report. All of this plus daily /weekly /monthly /yearly workload reporting, quality assurance reporting, turn-around time metrics, and much more. And let's not forget the customized billing, invoicing, and accounts receivables. Please stop by our booth #28 and speak with one of our representatives.

### BD Diagnostics

7 Loveton Circle, Sparks, MD 21152 (Phone: 410-316-4000; Fax: 410-316-4906; Web Site: [www.bd.com/ds](http://www.bd.com/ds))

BD Diagnostics is the premier manufacturer of microbiological media worldwide. We will exhibit a wide array of BBL and DIFCO products designed to meet the needs of veterinary microbiology laboratories. This includes traditional dehydrated media, prepared media, tubed media (including Herrold's Egg Yolk Agar), CHROMagar™ chromogenic media, DIFCO™ classic antisera products and Crystal™ Identification products. In addition, BD will be exhibiting the BACTEC™ MGIT™ 960 paraTB system. This fully automated system utilizes an oxygen sensor with an optimized MGIT paraTB medium, and shows excellent recovery of *M. paratuberculosis* from bovine fecal specimens. This highly sensitive detection system also offers a high capacity sample load in a space saving design, rapid time to detection, and is a totally needle-free system.

### Bio-Rad Laboratories

2000 Alfred Nobel Dr., Hercules, CA 94547 (Phone: 510-741-1000; Fax: 510-741-5630; Web Site: [discover.bio-rad.com](http://discover.bio-rad.com))

Bio-Rad Laboratories is a world leader in creating advanced tools for biological exploration and clinical diagnostics. Its mission is to create innovative products and services that advance scientific research and development efforts, and support the commercialization and discovery of new technologies. Bio-Rad's BSE test is the most widely used test in Europe and Japan and is recognized for its high level of sensitivity and specificity. Additionally, Bio-Rad is reported to be the fastest and easiest test method to adapt to mass screening programs. The Bio-Rad TSE test is the only test in the United States approved by the USDA for BSE, Scrapie and Chronic Wasting Disease.

### Centaur, Inc.

P. O. Box 25667, Overland Park, KS 66225-5667 (Phone: 913-390-6184; Fax: 913-390-5907)

Centaur sells diagnostic 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 two different blood reagents. Centaur's newest pharmaceutical 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 Drive, Sunnyvale, CA 94089

Cepheid develops, manufactures, and markets fully integrated systems for genetic analysis including DNA and RNA analysis, in the clinical, life sciences and bioterror markets. Our systems enable rapid, sophisticated genetic testing by automating otherwise complex manual procedures.

### Clinical and Laboratory Standards Institute

940 West Valley Road #1400, Wayne, PA 19087 (Phone: 610-688-0100; Fax: 610-688-6400)

The Clinical and Laboratory Standards Institute is a global, nonprofit organization dedicated to developing medical standards and guidelines through a consensus process that balances the perspectives of industry, government, and the healthcare professions.

### Computer Aid, Inc.

470 Friendship Road #300, Harrisburg, PA 17111 (Phone: 717-651-3055; Fax: 717-651-3182; Web Site: [www.compaid.com](http://www.compaid.com))

### Crawford Industrial Group

9101 Parkers Landing, Orlando, FL 32824 (Phone: 800-228-0884; Fax: 407-851-2406; Web Site: [www.animal-cremation.com](http://www.animal-cremation.com))

Since 1974, Crawford Industrial Group has equipped thousands of animal research, care and control facilities with incineration/cremation systems which have met their unique operational demands and professional standards. Every one of our incineration systems complies with the most stringent Federal and State Environmental requirements. Underwriters Laboratories (UL) has thoroughly tested and approved many of our products for your peace of mind and safety. We offer both "random load" and "batch load" incineration systems, ideally suited to accommodate small to very large disposal needs, with ability for indoor or outdoor installation. Please visit our booth and speak with our representative to receive your free brochure and product literature.

### DakoCytomation

6392 Via Real, Carpinteria, CA 93013 (Phone: 800-235-5743; Fax: 805-566-6688; Web Site: [www.dakocytomation.us](http://www.dakocytomation.us))

DakoCytomation is a leading in vitro diagnostics company specializing in the identification of cancer markers. With a commitment to the life sciences and the goal of optimizing patient care, the company offers a diverse product line including reagents and instrumentation for anatomic and molecular pathology, pharmacodiagnosics, and flow cytometry.

### Flexible Footwear Company

P. O. Box 185, Sigel, PA 15860 (Phone: 814-752-2009; Fax: 814-752-2011)

Flexible Footwear is the only footwear that allows the wearer to maintain his/her barefoot, or natural, gait. Translated: "The most comfortable work shoe you can imagine." What you feel in Flexible Footwear is the unique sensation of wearing shoes that work in complete harmony with your body. In Flexible Footwear you experience cushioned barefoot gait. But Feeling is Believing. Stop by our booth and prove it to yourself.

### Global VetLink, LC

2625 N. Loop Dr. #2130, Ames, IA 50010 (Phone: 515-296-0860; Fax: 509-691-8647; Web Site: [www.globalvetlink.com](http://www.globalvetlink.com))

GlobalVetLink, LC ~ eHealth Certificates ~ the official Online eHealth Certificate system for the USDA / APHIS / VS Interstate Certificates of Veterinary Inspection. GVL provides advanced, state-of-the-art Internet application tools for animal health regulatory management. GVL facilitates efficient, real-time compliance with intrastate / interstate / international animal health regulations for State / Federal Animal Health Officials, Private Practitioners, Diagnostic Labs and Animal Industry Owners. Applications include: Official Certificates of Veterinary Inspection for all species, ePermits, Small Animal Transfer of Ownership / For Sale and EIA / Coggins with Diagnostic Lab connectivity to federally accredited animal diagnostic laboratories — all with digital images!

### Helica Biosystems/MP Biomedicals, LLC

15 Morgan, Irvine, CA 92681 (Phone: 714-578-7830; Fax: 714-578-7831; Web Site: [www.helica.com](http://www.helica.com))

#### IDEXX Laboratories, Inc.

One Idexx Dr., Westbrook, ME 04092 (Phone: 207-856-8059; Fax: 207-856-8399; Web Site: [www.idexx.com](http://www.idexx.com))

The Production Animal Services (PAS) Division of IDEXX Laboratories, Inc., develops, manufactures and sells over 50 different ELISA, DNA Probe, and PCFIA-based detection systems for animal health and quality assurance applications. Laboratories around the world use PAS products for the detection and monitoring of diseases affecting livestock and poultry, and our xChek\* data management software simplifies and organizes test results. One of the latest additions to the PAS product portfolio is the IDEXX HerdChek\* BSE Antigen EIA Test Kit. This second generation test is USDA and European Commission approved for use in the US and Europe, respectively. For more information, please contact us at phone: (800) 548-9997 or (207) 856-0300; email: [PASweb@idexx.com](mailto:PASweb@idexx.com); or visit our website at [www.idexx.com](http://www.idexx.com). \*HerdChek and xChek are trademarks or registered trademarks of IDEXX Laboratories, Inc. in the United States and/or other countries.

#### Laboratory Automation Solutions

613 Rustic Trail, Beavercreek, OH 45434 (Phone: 937-431-9257; Fax: 937-421-1108; Web Site: [www.labautomation.com](http://www.labautomation.com))

Laboratory Automation Solutions, Inc. (LAS) specializes exclusively in the laboratory automation market and is one of very few vendor independent Laboratory Information Management System (LIMS) consulting companies in the US. LAS has performed requirements analysis, developed RFP's, assisted in vendor source selection activities and supported LIMS implementation projects for large, and small Federal, DoD, DoE, DOJ and EPA laboratories, State and Local Clinical, Environmental and Forensic Laboratories, and a myriad of commercial testing facilities. LAS works daily with laboratories across the country and abroad, solving problems, implementing quality assurance and business process improvement plans, and assists in certification and accreditation endeavors including NELAC, ISO 17025, ASCLD, etc.

#### Mosby/Saunders

18 Indiana Ave., Sinking Spring, PA 19608 (Phone: 610-927-0286; Fax: 610-927-0337)

World's leader in veterinary publishing. Representing Mosby, W.B. Saunders, Churchill, Academic Press and others.

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

1910 Lyda Ave., Bowling Green, KY 42104 (Phone: 270-782-9798; Fax: 270-782-0188; Web Site: [www.animalagriculture.org](http://www.animalagriculture.org))

The National Institute for Animal Agriculture (NIAA) is a forum for building consensus and advancing solutions for animal agriculture and to provide continuing education and communications linkages to animal agriculture professionals. Our mission truly reflects NIAA - where it's been, where it is, and where it is going. NIAA is the only forum where producers/owners (cattle, equine, poultry, small ruminants and swine), scientists (corporate, academia and government), veterinarians (private practice, industrial and government), regulators (state and federal), and business executives (corporate and association) meet in a common effort to deal with shared issues and opportunities.

#### Plexigen

3700 Regency Parkway #120, Cary, NC 27511 (Phone: 919-468-5552; Fax: 919-468-5525; Web Site: [www.plexigen.com](http://www.plexigen.com))

#### Prionics AG

Wagistrasse 27A, Schlieren, Switzerland CH-8952 (Phone: +41 44 200-2000; Fax: +41 44 200-2010; Web Site: [www.prionics.com](http://www.prionics.com))

Prionics AG is a high-tech company in the biotechnology industry. Our activities are centered around zoonotic diseases. In our headquarters located in Schlieren, Switzerland, we are continuously developing innovative solutions aimed at diagnosing and treating such diseases. Prionics is the world leader in fast reliable BSE tests and has evolved into a competence center on the so-called prion diseases such as BSE and CJD.

#### Qiagen, Inc.

19300 Germantown Road, Germantown, MD 20874 (Phone: 240-686-7688; Fax: 240-686-7689; Web Site: [www.qiagen.com](http://www.qiagen.com))

QIAGEN, the world's leading supplier of products and services for separating, purifying, amplifying, and handling nucleic acids, includes a proteomics portfolio; offering cloning systems, expression purification, fractionation, and multiplex detection of proteins. The company's portfolio includes automation systems for nucleic acid purification and molecular diagnostic applications. QIAGEN offers custom siRNA services.

### Quality Systems Integrators

P. O. Box 91, Eagle, PA 19480 (Phone: 610-458-0539; Fax: 610-458-7555; Web Site: [www.qsi-inc.com](http://www.qsi-inc.com))

Quality Systems Integrators provides powerful software to efficiently manage documents and training records. Our TMSWeb product is completely web-based and simplifies the tedious tasks surrounding compliance to AAALAC requirements, and other certifications such as ISO and electronic records & electronic signatures. TMSWeb provides access control, workflow, job certification, training & document management, and is fully integrated with e-mail systems. Additional software modules are available for Testing/Quizzing, Corrective Action and Internal Auditing & Change Control. TMSWeb is reasonably priced, saving you time and money by streamlining your processes and enhancing employee productivity.

### Synbiotics Corporation

11011 Via Frontera, San Diego, CA 92127 (Phone: 800-228-4305; Fax: 858-675-2421; Web Site: [www.synbiotics.com](http://www.synbiotics.com))

Synbiotics is a leading developer of veterinary diagnostics for laboratories. Our laboratory tests include the most popular test for Equine Infectious Anemia - ViraCHEK<sup>®</sup>/EIA, (also available as an AGID), plus a complete line of Poultry tests. Other laboratory diagnostics are available for FeLV, Heartworm, Brucellosis, CRF, Distemper, Parvovirus, Pseudorabies, Relaxin and Coagulation.

### Tetracore, Inc.

11 Firstfield Rd. #C, Gaithersburg, MD 20878 (Phone: 301-258-7553; Fax: 301-258-9740; Web Site: [www.tetracore.com](http://www.tetracore.com))

VetAlert<sup>™</sup> (Research Use Only) Products for Real-Time Polymerase Chain Reaction (rPCR) detection of animal pathogens. Target specific reagents are available for the detection of nucleic acid from Classical Swine Fever virus, Foot-and-Mouth Disease virus, Porcine Reproductive and Respiratory Syndrome virus (US or European-Like Lelystad), West Nile virus (Group I and II), and *Mycobacterium paratuberculosis*. The VetAlert<sup>™</sup> product line contains primers and probes that have been designed to provide exquisite sensitivity and fast reaction kinetics; all reagents are optimized for peak performance. The sensitivity and speed of our real-time PCR reagents are equal to or better than classic, "gold standard" methodologies. Reagents are supplied as premade, optimized mastermixes, ready-made to perform fast, accurate, and sensitive real-time PCR on multiple instrument platforms. Tetracore, Inc. is a company that specializes in the rapid detection of infectious agents.

### The Ross Group

8355 Cherokee Blvd. #100, Douglasville, GA 30134 (Phone: 770-942-5629; Fax: 770-942-3623; Web Site: [www.rossgroupinc.com](http://www.rossgroupinc.com))

UVIS is a LIMS that is comprised of a comprehensive set of software modules programmed to help you move your veterinary clinical and diagnostic laboratories to a new level. Our LIMS offers a plethora of robust capabilities: Accession Management, Equipment Interfacing, Results Reporting, Lab Production and Income Reports, and Inventory Functions. UVIS also provides an integrated repository of data to assist in management, accountability, patient care, and research for a veterinary hospital and affiliated laboratories. With UVIS, the hospital and lab information seamlessly integrates to provide up to the minute request data and results information from anywhere in the hospital.

### Trek Diagnostic Systems

982 Keynote Circle #6, Cleveland, OH 44131 (Phone: 216-485-1143; Fax: 216-485-1163; Web Site: [www.trekds.com](http://www.trekds.com))

TREK Diagnostic Systems, the New Energy in Microbiology, provides innovative products to the veterinary microbiology laboratory, including ESP<sup>®</sup> Automated Detection System and para-JEM<sup>®</sup> reagents for the detection of *Mycobacterium avium* ssp. *paratuberculosis*, and Sensititre<sup>®</sup> automated and manual identification and susceptibility technologies. TREK's products provide cost effective improvements in workflow efficiencies, ergonomics, and test result performance.

### VADDS

79 N. Franklin Turnpike, Suite 103, Ramsey, NJ 07446 (Phone: 201-934-7127; Fax: 201-236-1891; Web Site: [www.vetstar.com](http://www.vetstar.com))

VADDS is the most widely used Veterinary LIMS system in North America. In addition to being a fully featured LIMS system, VADDS is the most cost effective solution in the marketplace today. The VADDS application is designed to be easily customized to meet your specific business needs. The system is deployed with custom reports that enable your laboratory to produce high quality communication to your clients. Customized accessioning screens speed data entry for specific high volume cases. Many of our clients do not have any IT staff and yet are still able to maintain and customize VADDS as their needs evolve. In addition to a great number of standard features, including accounting, the following add on products are also available. VADDS Web Suite - allows your client to access real time case results over the web; RAVEN - the ultimate in electronic accessioning; Barcode Labeling; Automatic faxing of reports; Automatic emailing. VADDS is available for Unix or Windows and can run against SQL Server, Oracle and PostgreSQL databases. Advanced Technology is a reseller of Microsoft's SQL Server.



Ventana Medical Systems, Inc.

1910 Innovation Park Dr., Tucson, AZ 85737 (Phone: 800-227-2155; Fax: 949-768-6663; Web Site: [www.ventanamed.com](http://www.ventanamed.com))

Ventana develops, manufactures and markets instrument/reagent systems that automate slide staining in clinical histology and drug discovery laboratories worldwide. Ventana's clinical systems are essential tools used in the diagnosis and treatment of cancer and infectious diseases. Ventana offers solutions for complete automation of Immunohistochemistry, In Situ Hybridization and Special Stains.

Veterinary Laboratories Agency

QA Unit, College Road, Sutton Bonnington, Loughborough, UNITED KINGDOM LE12 5RB (Phone: +44 01509 670 607; Fax: +44 01509 670 206)

The exhibit describes the proficiency testing services available from the United Kingdom Veterinary Laboratories Agency which provides proficiency testing schemes specifically for veterinary diagnostic laboratories.

VMRD, Inc.

4641 Pullman-Albion Rd., Pullman, WA 99163 (Phone: 509-334-5815; Fax: 509-332-5356; Web Site: [www.vmr.com](http://www.vmr.com))

VMRD, Inc. produces high-quality, USDA-licensed diagnostic test kits for infectious diseases such as Anaplasma, BLV, BTV, CAEV, EIAV, MCFV, and Neospora; research reagents such as FA conjugates, IFA slides and controls, and a wide selection of monoclonal and polyclonal antibodies against infectious agents, immunoglobulins, CD markers, MHC antigens, cytokines, and hormones. We also produce an array of RID kits for quantitative analysis of immunoglobulin concentrations in many species, and other immunological assays such as Coombs' and FPT kits. VMRD is committed to providing high-quality products, friendly customer service, and excellent technical support.

Waste Reduction by Waste Reduction, Inc.

2910-D Fortune Circle West, Indianapolis, IN 46241 (Phone: 317-484-4200; Fax: 317-484-4201; Web Site: [www.wr2.net](http://www.wr2.net))

WR2 produces non-incineration technologies for on-site disposal of biologic, Biohazardous, and hazardous solid and liquid wastes. The patented WR2 alkaline hydrolysis technology destroys all pathogens, including prions, and converts fixatives, cytotoxic agents, and other toxins, along with biological and chemical warfare agents, to harmless, biodegradable derivatives. Biocontainment facility designers are employing WR2's patented alkaline hydrolysis technology, commonly applied in a Tissue Digestor™ for elimination of biologic wastes, i.e., animal tissues and carcasses. This technology can be specifically configured for application in biocontainment facilities to handle these waste materials as well as contaminated effluents from the facility. A specially configured Tissue Digestor / autoclave is also offered with dual use capability in a pass-through configuration for handling both biologic and solid waste materials, eliminating the need for two pieces of equipment. Special configurations of alkaline hydrolysis systems are also offered with dual role capability in tissue disposal and effluent processing and disposal. In addition, alkaline hydrolysis capability is offered in a dedicated effluent decontamination system (EDS) to address potential prion contamination of effluent.

Whatman

200 Park Ave., Suite 210, Florham Park, NJ 07932 (Phone: 973-245-8300; Fax: 973-245-8326; Web Site: [www.whatman.com](http://www.whatman.com))

Whatman FTA® is a quick and easy way to collect DNA samples at room temperature. Blood, buccal or tissue samples are applied to FTA cards at the farm and sent to testing labs by mail. The DNA is purified for analysis in under 30 minutes. FTA is an easy and cost effective way to collect valuable genetic data for livestock marketing and breeding decisions.

## POSITION ANNOUNCEMENTS

Full Job descriptions and Close dates are available at [www.AAVLD.org](http://www.AAVLD.org) under Position Announcements

### **CALIFORNIA - Combined Residency/PhD Program in Veterinary Toxicology**

Sharon Hein, Resident Affairs Coordinator  
California Animal Health & Food Safety  
Laboratory System  
P.O. Box 1770  
University of California  
Davis, CA 95617-1770  
Phone: (530) 752-8709  
e-mail: [slhein@ucdavis.edu](mailto:slhein@ucdavis.edu) .

### **CALIFORNIA - Diagnostic Pathologist, Assistant/ Associate/Full Professor of Clinical Diagnostic Pathology (San Bernardino)**

Dr. Alex Ardans, Director  
California Animal Health and Food Safety Laboratory  
System  
School of Veterinary Medicine  
University of California  
Davis, CA 95616

### **CALIFORNIA - Veterinary Pathologist (San Diego County)**

Dr. Nikos Gurfield  
Telephone 858-694-8973  
E-mail [nikos.gurfield@sdcounty.ca.gov](mailto:nikos.gurfield@sdcounty.ca.gov)

### **COLORADO - Director of Grand Junction Branch Lab and Non tenure Track Professor, Department of Microbiology, Immunology, and Pathology**

Dr. Doreene R. Hyatt, Search Committee Chair,  
Veterinary Diagnostic Laboratories  
Colorado State University  
Fort Collins, CO, 80523-1644  
Telephone 970-297-1281  
fax 970-297-0320  
E-mail [Doreene.Hyatt@ColoState.EDU](mailto:Doreene.Hyatt@ColoState.EDU)

### **COLORADO - Clinical Parasitologist Faculty Position**

Clinical Parasitologist Search  
c/o Ms. Erin Napier  
Dept. of Microbiology, Immunology, and Pathology  
1619 Campus Delivery  
Colorado State University  
Fort Collins, CO 80523-1619

### **FLORIDA - Veterinarian Manager-SES**

Dr. Betty Miguel, Bureau Chief  
Telephone (407) 948-5451  
E-mail at [Amiguelb@doacs.state.fl.us](mailto:Amiguelb@doacs.state.fl.us)  
Online at <https://peoplefirst.myflorida.com>

### **IDAHO - Veterinary Pathologist**

Search Committee, c/o Ms. Linda DuBose  
University of Idaho, Caine Veterinary Teaching Center  
1020 E. Homedale Road  
Caldwell, ID 83607

### **ILLINOIS - Director, Veterinary Diagnostic Laboratory**

Ms. Dee Bergman, Search Coordinator  
University of Illinois  
College of Veterinary Medicine  
2001 South Lincoln Avenue  
Urbana, IL 61802  
Telephone: 217-333-2760  
Fax 217-333-4628.

### **INDIANA - Diagnostic Veterinary Pathologist**

Greg Stevenson, DVM, PhD  
406 S. University Street  
West Lafayette, IN 47907-2065  
Telephone 765-494-7473  
FAX 765-494-9181  
E-mail [stevengw@purdue.edu](mailto:stevengw@purdue.edu).

### **IOWA - Assistant/Associate Professor - Pathology**

Mrs. Jerry Greenfield Administrative Specialist  
Department of Veterinary Diagnostic and Production  
Animal Medicine  
2630 Vet Med Building  
College of Veterinary Medicine  
Iowa State University  
Ames, IA 50011

### **KANSAS - Tenure-Track Faculty Position at Kansas State University - Toxicology**

Dr. M.J. Wilkerson  
Department of Diagnostic Medicine/Pathobiology  
340 Coles Hall  
1800 Denison Avenue  
Kansas State University  
Manhattan, KS 66506-5705  
Telephone 785/532-4818  
FAX 785-532-4851  
E-mail [wilkernsn@vet.k-state.edu](mailto:wilkernsn@vet.k-state.edu)

### **KENTUCKY - Veterinary Pathologist/Lecturer**

Louis L. Pittman, Jr., DVM  
Chairman, Search Committee  
Breathitt Veterinary Center  
P.O. Box 2000  
Hopkinsville, KY 42241-2000

**MAINE - Marketing Manager**

Send resume to Carol McCullough at: [camcc@optonline.net](mailto:camcc@optonline.net)

**MAINE - R&D Manager**

Send resumes to Carol McCullough: [camcc@optonline.net](mailto:camcc@optonline.net)

**MICHIGAN - Veterinary Endocrinologist**

Dr. Willie M. Reed, Director

Diagnostic Center for Population and Animal Health

P.O. Box 30076

Lansing, MI 48909-7576.

Telephone 517-353-0635

Fax 517-432-5836

E-mail [reed@dcpah.msu.edu](mailto:reed@dcpah.msu.edu)

Dr. Jennifer Thomas, Search Committee Chair

Telephone 517-353-1633

FAX 517-432-2598

E-mail [thomas@dcpah.msu.edu](mailto:thomas@dcpah.msu.edu)

**MICHIGAN - Veterinary Pathologist (2 positions)**

Dr. Willie M. Reed, Director

Diagnostic Center for Population and Animal Health

P.O. Box 30076

Lansing, MI 48909-7576

Telephone 517-353-0635

FAX 517-432-5836

E-mail [reed@dcpah.msu.edu](mailto:reed@dcpah.msu.edu)

or Dr. Scott Fitzgerald

Telephone 517-353-1774

E-mail [fitzgerald@dcpah.msu.edu](mailto:fitzgerald@dcpah.msu.edu)

**NEVADA - Microbiologist III**

Submit applications / Direct inquiries to:

Department of Personnel

209 E. Musser Street, Suite 101

Carson City, Nevada 89701-4204

Visit our Web Site: <http://dop.nv.gov/>

TDD for the Hearing Impaired: (800) 326-6868

**NEW YORK - Faculty Position in Translational Immunology**

Edward J. Dubovi, Chair, Search Committee,

Cathy Andersen, Department of

Population Medicine and Diagnostic Sciences,

Cornell University College of

Veterinary Medicine

Ithaca, NY 14853

E-mail: [ejd5@cornell.edu](mailto:ejd5@cornell.edu)

**NORTH CAROLINA - Veterinary Diagnostic Pathologist**

Either Dr. David Marshall or Dr. Karen Post at

919.733.3986

Rollins Animal Disease Diagnostic Laboratory

1031 Mail Service Center

Raleigh, NC 27699-1031

**OHIO - Veterinary Diagnostic Bacteriologist**

Dr. Beverly Byrum, Laboratory Director,

Animal Disease Diagnostic Lab, Ohio Department of Agriculture

8995 East Main Street

Reynoldsburg, Ohio 43068.

Phone (614) 728-6220, Fax (614) 728-6310 or email

[byrum@mail.agri.state.oh.us](mailto:byrum@mail.agri.state.oh.us)

**OKLAHOMA - Veterinary Pathologist**

Dr. Bill Johnson, Director

Oklahoma Animal Diagnostic Laboratory

Oklahoma State University

P. O. Box 7001

Stillwater, OK 74076-7001

**OKLAHOMA - Veterinary Virologist**

Dr. Bill Johnson, Director

Oklahoma Animal Disease Diagnostic Laboratory

Oklahoma State University

P. O. Box 7001

Stillwater, OK 74076-7001.

**PENNSYLVANIA - Veterinary Anatomic Pathologist**

Dr. Ronald P. Wilson

Department of Comparative Medicine HO54

College of Medicine

Penn State Hershey Medical Center

500 University Drive

Hershey, PA 17033

**UTAH - Assistant or Associate Professor Section Head****Microbiology**

Search Committee Chair (2-121-05)

Utah State University

5700 Old Main Hill

Logan, UT 84322

E-mail [tjbald@cc.usu.edu](mailto:tjbald@cc.usu.edu)

**UTAH - Veterinary Pathology Residency - Microbiology**

Search Committee Chair (3-140-05)

Utah State University

5700 Old Main Hill

Logan, UT 84322

E-mail [tjbald@cc.usu.edu](mailto:tjbald@cc.usu.edu)

**VIRGINIA - Veterinary Pathologist**

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;

Hearing Impaired 1-800-828-1120;

E-mail: [hr.vdacs@vdacs.virginia.gov](mailto:hr.vdacs@vdacs.virginia.gov)

## ADDENDUM TO DIRECTORY

**Brod, Jordan W.**

Texas A&M University  
1205 Mullins Court  
College Station, TX 77845 USA  
Phone: 979-690-2514  
Fax: 979-845-3414  
Email: jbrod@tvmddl.tamu.edu  
Interest: QA, Histopathology

**Bush, Jamie, DVM**

1112 Alford #2  
Fort Collins, CO 80524 USA  
Phone: 970-484-1276  
Email: jamie.bush@colostate.edu

**Cann, Jennifer, DVM**

701-A Summit Street  
Winston-Salem, NC 27101 USA  
Phone: 336-716-1595  
Email: jcann@wfubmc.edu  
Interest: Pathology

**Cooper, George, DVM, MS**

630 Camellia St.  
Turlock, CA 95380 USA  
Phone: 209-634-5837  
Email: glcooper@ucdavis.edu  
Interest: Microbiology

**Das, Seema, MS**

SDSU  
Veterinary Science Department  
North Campus Drive  
Brookings, SD 57007 USA  
Phone: 605-688-5689  
Fax: 605-688-6003  
Email: seema.das@sdsu.edu  
Interest: Bacteriology

**Duncan, Colleen**

Microbiology, Immunology and Pathology  
1619 Campus Delivery  
Colorado State University  
Fort Collins, CO 80523-1619 USA  
Phone: 970-491-6144  
Fax: 970-491-0603  
Email: colleen.duncan@colostate.edu  
Interest: Pathology

**Erdman, Matthew M., DVM**

11 Kildee Hall  
Iowa State University  
Ames, IA 50011 USA  
Phone: 515-294-7898  
Fax: 515-294-2594  
Email: merdman@iastate.edu  
Interest: Bacteriology

**Evers, Holly V., DVM, MS**

250 McElroy Hall  
Stillwater, OK 74078 USA  
Phone: 405-744-8173  
Fax: 405-744-5275  
Email: eversh@cvm.okstate.edu  
Interest: Infectious and vector-borne diseases

**Fritz, Gregory, BA**

Illinois Dept of Agriculture  
Animal Disease Laboratory  
2100 South Lake Storey Road  
Galesburg, IL 61401 USA  
Phone: 309-344-2451  
Fax: 309-344-7358  
Email: gfritz@agr.state.il.us  
Interest: Virology, PCR

**Gale, Pamela, DVM, MSc**

Canadian Food Inspection Agency  
Box 640  
Lethbridge, Alberta T1J 3Z4 CANADA  
Phone: 403-382-5504  
Fax: 403-381-8283  
Email: galep@inspection.gc.ca  
Interest: Regulatory Testing

**Gebhart, Connie, PhD**

15800 Bass Lake Road  
Maple Grove, MN 55311 USA  
Phone: 612-624-3444  
Fax: 612-625-5203  
Email: gebha001@umn.edu  
Interest: Bacteriology

**Godson, Dale L., DVM, PhD**

52 Campus Dr.  
Dept. of Veterinary Microbiology  
University of Saskatchewan  
Saskatoon, SK S7N 5B4 CANADA  
Phone: 306-966-7247  
Fax: 306-966-7244  
Email: dale.godson@usask.ca  
Interest: Immunology, Infectious Disease, Virology

**Hanes, Martha A., DVM, DACVP**

8324 NC Highway 157  
Rougemont, NC 27572 USA  
Phone: 919-475-5938  
Fax: 919-281-1118  
Email: hanes003@msn.com  
Interest: Pathology

**Hines, Nichole L., MS**

5910 W. Lincoln Way Apt. 328  
Ames, IA 50014 USA  
Phone: 515-291-7732  
Fax: 515-663-7315  
Email: nichole.l.hines@aphis.usda.gov  
Interest: Mycobacteria & Antibiotic Resistance

**Korcal, David S., BS, MT**

Michigan State University  
Diagnostic Center for Population and Animal Health  
4125 Beaumont Road, Room 136F  
Lansing, MI 48910-8104 USA  
Phone: 517-432-5755  
Email: korcal@dcpah.msu.edu  
Interest: Quality Control

**Mackie, John, BVSc, PhD**

IDEXX Laboratories  
PO Box 1119  
Cooparoo DC, Qld 4151 AUSTRALIA  
Phone: 61-7-34566000  
Fax: 61-7-34566001  
Email: john-mackie@idexx.com  
Interest: Companion Animal

**Marangon, Stefano, DVM**

Instituto Zooprofilattico delle Venezie  
Via Dell Università, 10  
Legnaro (PD), Italy 35020 ITALY  
Phone: 39-49-8084219  
Fax: 39-49-8830178  
Email: smarangon@izsvenezie.it  
Interest: Virology, Epidemiology

**Marshall, David T., BS, DVM**

North Carolina Dept. of Agriculture  
1030 Mail Service Center  
Raleigh, NC 27699-001 USA  
Phone: 919-733-5657  
Fax: 919-733-6431  
Email: david.marshall@ncmail.net

**McLaren, Philippa J.**

293 Lum Road  
Wheelers Hill, Victoria 3150 AUSTRALIA  
Phone: 3 9560 0847  
Fax: 3 9538 6741  
Email: philippa.mclaren@gribbles.com.au  
Interest: Pathology

**Meetz, Michael C., BS**

1600 S. 16th Street  
Ames, IA 50011-1250 USA  
Phone: 515-294-1950  
Fax: 515-294-6961  
Email: mmeetz@iastate.edu  
Interest: Virology, Microbiology, QA/QC

**Osorio, Fernando A., MV,MS,PhD**

University of Nebraska  
141 VBS East Campus  
Lincoln, NE 68583-0905 USA  
Phone: 402-472-7809  
Fax: 402-472-9690  
Email: fosorio@unl.edu  
Interest: Virology

**Patrick, C.W.**

Director of Laboratories  
Tiburon Diagnostics  
Tucson, AZ 85719 USA  
Phone: 520-884-1094  
Fax: 520-884-1047  
Email: celldoc@ultrasw.com  
Interest: Hematology, Immunology,  
Chemistry, Microbiology

**Peperkamp, N.H.M.T., DVM**

PO Box 9  
Deventer, . 7400 AA THE  
NETHERLANDS  
Phone: 31-570-633391  
Fax: 31-570-660646  
Email: k.peperkamp@gdvdiereen.nl  
Interest: Pathology

**Perry, Donna L., DVM**

510 West Academy Street  
Winston-Salem, NC 27101 USA  
Phone: 336-722-6387  
Email: dlperry@wfubmc.edu  
Interest: Pathology

**Pinard, Joelle, DVM**

Departement Microbiologie et Pathologie  
Faculte de Medecine Veterinaire,  
Universite de Montreal  
3200 rue Sicotte  
Saint-Hyacinthe, Quebec J2S 7C6  
CANADA  
Phone: 514-773-8521 x18384  
Fax: 514-778-8116  
Email: joelle.pinard@umontreal.ca  
Interest: Anatomic Pathology

**Pineda de Mora, Yuraima, MV, MSc**

Av. Las Delicias Inia Apdo 70  
Maracay, Aragua VENEZUELA  
Email: ypineda@inia.gov.ve  
Interest: Bacteriology

**Posthaus, Horst, DVM, PhD, DECVP**

Institute of Animal Pathology  
PO Box 8466  
Laenggassstr. 122  
Bern, . 3001 SWITZERLAND  
Phone: 41-31-631-2399  
Fax: 41-31-631-2635  
Email: horst.posthaus@itpa.unibe.ch  
Interest: Pathology

**Ristow, Luiz Eduardo, M Preventive Vet**

Alameda Das Amendoeiras, Number 449  
Bel Nova Lima, MG-CEP 34.000-000  
BRAZIL  
Phone: 55-31-3287-3404  
Email: ristow@tecsa.com.br  
Interest: Pathology

**Savard, Claudine, DVM**

Departement Microbiologie et Pathologie  
Faculte de Medecine Veterinaire,  
Universite de Montreal  
3200 rue Sicotte  
Saint-Hyacinthe, Quebec J2S 7C6  
CANADA  
Phone: 514-773-8521 x10192  
Fax: 514-778-8116  
Email: claudine.savard@umontreal.ca  
Interest: Anatomic Pathology

**Scalia, Pierluigi, PhD**

c/o Sylgen Laboratories  
2695 A East Foothill Blvd.  
Pasadena, CA 91107 USA  
Phone: 626-792-5227  
Fax: 626-792-5883  
Email: plscalial@sylgenlabs.com  
Interest: Molecular Diagnostics

**Sprout, Kimberly L.**

University of Pennsylvania  
382 West Street Road  
Kennett Square, PA 19348 USA  
Phone: 610-925-6714  
Fax: 610-925-8106  
Email: ksprout@vet.upenn.edu

**Tiwary, Asheesh, BVSc, MS**

CAHFS  
PO Box 1770  
Davis, CA 95617 USA  
Phone: 530-752-6322  
Email: aktiwary@ucdavis.edu  
Interest: Toxicology

**Trezise, Christine, BS**

Gribbles Veterinary Pathology  
1868 Dandenong Road  
Clayton, Victoria 3168 AUSTRALIA  
Phone: 61 3 9538 2263  
Fax: 61 3 9538 6741  
Email: christine.trezise@gribbles.com.au  
Interest: Pathology

**Trybus, James**

2512 Jefferson Ave.  
Winston-Salem, NC 27103 USA  
Phone: 336-748-0428  
Email: jtrybus@wfubmc.edu  
Interest: Pathology

**Tseggai, Tesfai, DVM, MScV**

University of Georgia  
CVM, Dept. of Veterinary Pathology  
501 DW Brooks Dr.  
Athens, GA 30602 USA  
Phone: 706-207-8178  
Email: tseggai@vet.uga.edu  
Interest: Rabies

**Vemulapalli, Ramesh, BVSc, MVSc, PhD**

Purdue University  
725 Harrison Street  
West Lafayette, IN 47907 USA  
Phone: 765-494-7560  
Fax: 765-494-9830  
Email: rvemulap@purdue.edu  
Interest: Molecular Diagnostics, Infection  
& Immunity

**Vinson, Susan M., BS**

Illinois Dept. of Agriculture  
2100 South Lake Storey Rd  
Galesburg, IL 61401 USA  
Phone: 309-344-2451  
Fax: 309-344-7358  
Email: svinson@agr.state.il.us  
Interest: Microbiology

**Wakamatsu, Nobuko, DVM, PhD**

PO Box 12233  
Maildrop B3-06  
111 Alexander Drive  
Research Triangle Park, NC 27709 USA  
Phone: 919-316-4603  
Fax: 919-541-1745  
Email: wakamatsun@niehs.nih.gov  
Interest: Pathology

**Zilberman, Israel**

7 Ha'eshel St. PO Box 3063  
Caesarea Industrial Park, . 38900 ISRAEL  
Phone: 972 4 6277030  
Fax: 972 4 6275403  
Email: israel@dyn.co.il





# THE AMERICAN ASSOCIATION OF VETERINARY LABORATORY DIAGNOSTICIANS

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