



AMERICAN COLLEGE OF VETERINARY MICROBIOLOGISTS

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NEWSLETTER **Late Summer 2005**

News

ACVM meeting in Minneapolis, Minnesota

The ACVM held a meeting on July 18, 2005 during the AVMA annual convention in Minneapolis, Minnesota. Following is a brief summary of some of the meeting discussions. Mary DeBey, Melissa Libal and Andrew Phipps were welcomed by President Jim Roth as new members of the ACVM Board of Governors. Dr. Kent Ames gave a presentation on the AVMA Fellowship Program. The program is a great way to educate our elected officials on issues that impact veterinary medicine as well as people from all walks of life. The ACVM Board approved Richard Hidalgo, Deoki Tripathy, Gerald Buening and Tim Crawford as Emeritus Diplomates. Congratulations to these deserving ACVM members! Steve Kleiboeker, Chair of the ACVM Examinations Committee reported that 17 new applicants were approved for certification and are eligible to take ACVM examinations at the CRWAD meeting this fall. This may be a record for the most candidates approved for certification in one year. Good luck to each of these candidates as they seek ACVM Diplomate status. The title of the symposium at CRWAD this year is "Use of Genomics for Disease

and Vaccine Research." Additional details are provided elsewhere in this newsletter. Fund raising efforts are under way to support the ACVM activities at the CRWAD meeting. All financial support is appreciated. If you have any information concerning potential contributors please contact Scott McVey. Amelia Woolums, Chair of the special ACVM Recruitment Committee gave an excellent report concerning recommendations to expand the activities and visibility of our college. The Board recommendation to the committee was to prioritize the proposed activities and prepare a budget and timeline for each task for submission to the ACVM Board as soon as possible. In addition, a new award called the "Outstanding Veterinary Microbiologist Award" was approved. More details on this new award will be provided in the future. President Roth reported that we currently have approximately seven Diplomates approved for the ACVM Biosecurity Task Force. He encouraged everyone to participate in this important project. Chris Hayhow reported that the ACVM banquet will be held Monday December 5, 2005 at Patrick's Restaurant in St. Louis, Missouri during the CRWAD meeting. The cost is only \$40.00 per person. Additional details are provided elsewhere in this newsletter. In addition, the ACVM Board approved a

Office of the Secretary-Treasurer

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motion to have a reduced fee for prospective new ACVM Diplomates. The fee for a banquet ticket for a prospective Diplomat invited by an ACVM Diplomat shall be \$20.00. The ACVM Board approved M.M. Chengappa for another term as ACVM Vice President. Congratulations Dr. Chengappa! In 2006, we will elect three new ACVM Board of Governors' members as well as a President. Jim Roth agreed to work with the ACVM Nominating Committee to ensure we have a full slate of candidates. If you are interested in serving the college please contact Terry Bowersock, Chair of the ACVM Nominating Committee. Two changes were made to the ACVM By-Laws. The first change was to clarify the time new ACVM Board members take office. The revision states "...at the close of the July Board Meeting." The second revision addressed correction of the word "report" to "activities." The revision states "Shall create appropriate committees, appoint committee members and supervise their activities." Finally, Steven Olsen reported that ACVM members may be solicited concerning a bioterrorism meeting in 2006.

TRIP TO TAJIKISTAN BY Lloyd H. Lauerman
THROUGH WINROCK INTERNATIONAL

In January 2005 Dr. Jim Roth (ACVM) distributed a notice by e-mail from Winrock International requesting a volunteer to assist them in a veterinary project (Farmer to Farmer) in Tajikistan. They were looking for someone to assist them in evaluating their animal disease control programs, methods of disease diagnosis and improvements in vaccine production. Three weeks were allotted for the visit dividing this time between 3 areas of the country, one week each. Visits to farms and laboratories were arranged with seminars to be presented in each area. I sent my application to Winrock International and in just a few days, notification came that my application had been accepted. A date was set for the trip (May 6-28, 2005) and within a few days I had confirmation of the airline tickets and my passport with visa was returned within a week. Winrock International made all the arrangements for travel promptly and efficiently covering all the expenses. On arrival in Tajikistan I was met by members of Mercy Corps (designated host in country) at the airport in Dushanbe. They took me to a first floor apartment one block from the Mercy Corps office. The assistant director spoke

English and described the arrangements to fly to Khujand in the North for the first week.

During the flight to Khujand, we flew over snow-capped mountains. My interpreter, Zarifa, a lady 5 foot tall and 21 years of age met me at the airport. The Mercy Corps director and Zarifa took me to lunch at a nice restaurant and described part of the schedule for the week. The apartment in Khujand was very nice with cooking equipment.

The next day we visited a cooperative dairy farm No. 1 in the Sugd Region with approximately 400 Holstein milking cows (milked by hand). This farm had a good nutritional program using fresh cut alfalfa, hay, grain and supplements with ensilage to replace the fresh cut alfalfa in the winter months. They were free of Tuberculosis (using tuberculin testing), Brucellosis (using plate agglutination test and calf-hood vaccination) and Foot-and-Mouth disease (vaccination for type 0 and Asia 1). They used dried cow dung to heat two 200-cow milking-barns during the winter months.

We visited the Department of Artificial Insemination of the Sugd Region and found that they had had recent training on the use of the French Straw for dispensing semen. They found that the French Straw method made it simpler to administer the semen, increased conception rate and decreased repeat breeding efforts in comparison to the pellet method. A bull was used to aid in heat detection and assist in determining the proper time for artificial insemination. Dual inseminations were given (morning and evening) during the heat period to increase the rate of conception.

Two seminars were presented to veterinarians and animal managers at the Veterinary Laboratory Isfara Region and the Department of Agriculture of Gabor Rasulov Region concerning diagnosis and control of specific diseases. Much enthusiastic discussion and interaction was accomplished during each seminar.

Sunday I flew back to Dushanbe, stayed overnight and the next day we drove 3.5 hours South to Shaartus, which is just North of the Afghanistan border. The civil war 13 years ago was most severe in this area and the region is economically depressed. We visited private farmers and found that all private cattle graze together in a common pasture area. The private owners are so poor they cannot afford to pay for any veterinary services.

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Thus if a disease occurs in an animal of the herd the disease spreads rapidly in the communal herd. Ticks and tick borne diseases are common. A *Brucella abortus* Card Test Kit (500 tests) was donated by the USDA to test the private cattle of one of the seven villages and a donation of 350 EU was made by a private donor to assist in covering the cost of performing the tests (veterinary services). Arrangements are being made to build a cattle dip for the private cattle owners of the village so that (with financial donations) the private cattle will be able to be routinely dipped to reduce the tick load and aid in control of tick borne diseases.

A seminar was presented to the local veterinarians and herd health managers concerning epizootic and tick borne diseases of cattle. We stayed at a facility run by the United Nations Development Project.

The third week was spent in the Dushanbe area. We visited the Agrarian University demonstration farm, which had good disease control programs in place, had a 600 liter pasteurizer and described their success in increasing calf survivability from 60% 5 years ago to 85% using probiotics to control calf diseases. In visiting the main campus of the Agrarian University it was clear that they are in dire need of new scientific equipment. They had an area set aside for vaccine production but did not have any equipment to do the work. They are also lacking the basic equipment to perform many simple diagnostic procedures.

If any of the ACVM Diplomates are aware of any surplus scientific laboratory equipment in good usable condition that can be donated to the Agrarian University of Tajikistan, please contact me, since I am attempting to put together a shipment of scientific equipment to be sent to them. Thank you for your attention to this request. My e-mail address is lhlaerman@mindspring.com

ACVM Biosecurity Task Force

The **mission** of the American College of Veterinary Microbiologists (ACVM) Biosecurity Task Force is to assist local, state, and federal officials in prevention of, response to, and recovery from infectious diseases, which threaten food security or public health. The accidental or intentional introduction of these diseases has the potential to devastate food

security and/or public health in the U.S. The ACVM Biosecurity Task Force is a group of ACVM Diplomates and Honorary Diplomates who:

- Are experts in microbiology and infectious diseases;
- Have received training in the Incident Command System; and
- Have educational resources related to bioterrorism, agroterrorism, zoonotic diseases, and foreign animal diseases.

The Task Force members are volunteers who will strive to be available when contacted by local, state, or federal officials to lend their expertise to assist in preventing, responding to, or recovering from an infectious disease emergency.

ACVM Biosecurity Task Force members could share their expertise in the following ways:

- Present awareness education seminars for health professionals or the public on bioterrorism, agroterrorism, zoonotic diseases, or exotic animal diseases.
- Advise on infectious agent detection and control prior to, during, and after a public health or animal health emergency.
- Consult with and advise emergency response safety officers before and during an infectious disease emergency.
- Assist in responding to media inquiries and in education of the public regarding an infectious disease event.

Officials in the USDA, the CDC and the DHS will be told about the ACVM Biosecurity Task Force and the willingness of its members to assist with prevention of, preparation for, response to and recovery from infectious disease emergencies. State Veterinarians, Public Health officials, and Homeland Security officials will also be notified of the existence of the ACVM Biosecurity Task Force.

The Center for Food Security and Public Health (CFSPH) at Iowa State University will provide task force members with resource materials through the CFSPH website (<http://www.cfsph.iastate.edu/>) which include:

- Power point presentations and fact sheets on all bioterrorism agents and high consequence livestock pathogens.
- Handouts for use with various audiences

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- Public speaking handbook

All ACVM Diplomates and Honorary Diplomates are eligible to serve on the ACVM Biosecurity Task Force. To become a Task Force member, ACVM Diplomates must:

- Complete level 100 and 200 training in the Incident Command System through a self-study course on CD-ROM prepared by the USDA.
- Be willing to have their name and contact information on a publicly available database, and strive to be available when contacted by local, state, or federal officials to lend their expertise to assist in preventing, responding to, or recovering from an infectious disease emergency.
- Become familiar with the training materials available for their use.

ACVM Diplomates who are willing to become ACVM Biosecurity Task Force members should contact James Roth, President, ACVM Board of Governors. A CD with the USDA level 100 and 200 Incident Command System training will be mailed to you. After completion of the training, mail or fax a copy of the certificates you will receive to Dr. Roth. You should sign the certificate, but it does not need to be signed by a supervisor. Your entry from the ACVM Membership Directory will be added to the list of members of the ACVM Biosecurity Task Force. You can check your information in the membership directory on the ACVM website:

<http://www.vetmed.iastate.edu/ACVM/>

Contact information for Dr. Roth:

James A. Roth, DVM, PhD
 President, American College of Veterinary Microbiologists
 Department of Veterinary Microbiology and Preventive Medicine
 College of Veterinary Medicine
 Iowa State University
 Ames, Iowa 50010
 Phone: 515-294-8459
 Fax: 515-294-8259
 email: jaroth@iastate.edu

New Directions

Currently the Board of Governors is considering changes that will affect continuing education and the professional recognition of ACVM. If any diplomates have any suggestions or comments please contact one of the ACVM Board of Governors members or one of the ACVM officers.

ACVM on the Internet

Please note the new ACVM website address is www.vetmed.iastate.edu/acvm. The site contains meeting minutes, the history, goals, directory, Constitution, By-laws, instructions for potential candidates and an application form. All members should review the updated website. Any suggestions for changes are welcome.

2005 CRWAD Meeting in St. Louis, Missouri

Please plan on attending the ACVM Annual and Board of Governors' Meeting, which is scheduled for Sunday, December 4th, 2005 at the Sheraton Westport Hotel and Lakeside Chalet in St. Louis, Missouri. It will be held at 10:00 AM. The agenda and location of the meeting will be placed on the ACVM web site as soon as it is confirmed and available. Remember to support the ACVM symposium, which will be held on the afternoon of Sunday December 4, 2005. The ACVM banquet will be Monday December 5, 2005 at Patrick's Restaurant. The restaurant is within short walking distance of the motel. Additional information concerning the banquet is provided elsewhere in this newsletter. We hope to see you there!

Dues Status

Dues are \$30 per year. They are due by July each year. Due to the transition to a new Secretary-Treasurer we are currently reviewing the dues status of all ACVM members. If you have not paid your dues for 2005 or for any past year(s) please submit payment to my attention as soon as possible. Please make remittances payable to ACVM by check drawn on a US bank or by international

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money order and mail directly to me. *Emeritus or honorary diplomates do not need to pay dues* (donations are always welcome). Emeritus diplomates can vote, but not honorary diplomates.

Suggestions and Corrections

For additional information or to provide suggestions, please contact:

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DeSoto, KS 66018, (913) 894-0230
FAX (913) 894-0236
or by e-mail at chayhow@biomunecompany.com

CRWAD Symposium

On Sunday December 4, 2005 from 1:30 to 5:00 PM the joint AAVI/ACVM Symposium entitled "Use of Genomics for Disease and Vaccine Research" will be presented. Following is the proposed agenda:

"Bordetella Research in the Post-genomic Era: Theory versus Practice" by Andrew Preston, University of Guelph

"The Mycobacterium avium subsp. paratuberculosis genome and its initial research applications" by John Bannantine, USDA, ARS, NADC

"Microarray analysis of host-pathogen interactions: listening to the noise" by Philip Griebel, VIDO

"Immunogenomics of the stress-immune axis in cattle: a tale of hormones, host susceptibility, and heritability" by Jeanne L. Burton, Michigan State University

ACVM Diplomat W. Harold Lupton passed away on June 4, 2005. We express our condolences to his friends and family.

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Dues Owed for 2005

Ali, Akbar
Angulo, Arthur B.
Archambault, Marie
Brock, Kenny V.
Brodie, Scott J.
Bruyninckx, Walter J.C.
Bulgin, Marie S.
Carlson, Jack H.
Cho, Yung
Corapi, Wayne V.
Dee, Scott A.
Dickerson, Harry W.
D'Offay, Jean M.
Eleraky, Nasser
Ellsworth, Steven R.
Eriks, Inge S.
Fisch, Harvey
Frank, Glynn H.
Garmendia, Antonio E.
Gaskin, Jack Michael
Griffith, Ronald W.
Guy, James S.
Hennessy, Kristina J.
Hong, Chou C.
Issel, Charles J.
Kowalski, Joseph J.
Lairmore, Michael D.
Lalonde, Guy
Lester, Thomas L.
Loan, Raymond W.
Lu, Yue-Shoung
Messier, Serge
Montgomery III, Roy D.
Naqi, Syed A.
Nayar, Gopi P.S.
Nusbaum, Kenneth E.
Odemuyiwa, Solomon O.
Paul, Prem S.
Payne, Jerry B.
Platt, Kenneth B.
Quenelle, Debra Cross
Rajeev, Sreekumari
Reddy, P. Gopal
Reddy, Sanjay K.
Reggiardo, Carlos
Reynolds, Donald L.
Rice, Robert M.
Ross, Richard F.
Scanlan, Charles M.
Schnorr, Kenneth L.
Shin, Sang J.
Simpson, Russell B.
Stevens, Mark G.
Tudoriu, Constantin D.
Wempe, John M.
White, Amy K.
Williams, Robert Dee
Wooley, Richard E.

Dues Owed for 2004

Ali, Akbar
Angulo, Arthur B.
Archambault, Marie
Brock, Kenny V.
Bulgin, Marie S.
Carlson, Jack H.
Cho, Yung
Corapi, Wayne V.
Dickerson, Harry W.
D'Offay, Jean M.
Eleraky, Nasser
Ellsworth, Steven R.
Eriks, Inge S.
Fisch, Harvey
Frank, Glynn H.
Garmendia, Antonio E.
Griffith, Ronald W.
Guy, James S.
Hennessy, Kristina J.
Issel, Charles J.
Kowalski, Joseph J.
Lairmore, Michael D.
Lalonde, Guy
Lester, Thomas L.
Loan, Raymond W.
Montgomery III, Roy D.
Naqi, Syed A.
Nayar, Gopi P.S.
Odemuyiwa, Solomon O.
Payne, Jerry B.
Platt, Kenneth B.
Reddy, P. Gopal
Reggiardo, Carlos
Rice, Robert M.
Ross, Richard F.
Scanlan, Charles M.
Schnorr, Kenneth L.
Simpson, Russell B.
Tudoriu, Constantin D.
Williams, Robert Dee
Wooley, Richard E.

Dues Owed for 2003

Ali, Akbar
Angulo, Arthur B.
Archambault, Marie
Carlson, Jack H.
Dickerson, Harry W.
Eleraky, Nasser
Ellsworth, Steven R.
Eriks, Inge S.
Fisch, Harvey
Frank, Glynn H.
Garmendia, Antonio E.
Hennessy, Kristina J.
Issel, Charles J.
Kowalski, Joseph J.
Lester, Thomas L.
Payne, Jerry B.
Williams, Robert Dee

Dues Owed for 2002

Ali, Akbar
Carlson, Jack H.
Dickerson, Harry W.
Eleraky, Nasser
Eriks, Inge S.
Hennessy, Kristina J.
Issel, Charles J.
Kowalski, Joseph J.
Lester, Thomas L.
Tresnan, Dina Barbis
Williams, Robert Dee

Dues Not Paid

Kowalski, Joseph J.
Last paid 6/94

Issel, Charles
Last paid 6/97

Carlson, Jack H.
Last paid 6/98

Lester, Thomas L.
Last paid 6/98

Dues Paid in Advance for 2006

Baldwin, Charles A.
Bowersock, Terry L.
Buddle, Bryce M.
Castro, Anthony E.
Chang, Yung-Fu
Charlton, Bruce R.
Clough, Nancy E.
Cox, Hollis Utah
Fulton, Robert W.
Gbadamosi, Sulaiman G.
Hodgson, Jennifer
Kibenge, Frederick S. B.
Kinde, Hailu
King, Daniel J.
Kleiboeker, Steven B.
Olsen, Steven C.
Plavsic, Z. Mark
Robinson, David M.
Rosenbusch, Ricardo F.
Saliki, Jeremiah T.
Samal, Siba K.
Schlater, Linda Kelley
Subbiah, Elankumaran
Van Campen, Hana
Wilcox, Graham E.

INVOICE

Dues for 2005 (\$30.00) (Dues are due by July 1, 2005)
(Dues for past years not paid are \$30.00 per year)

\$ _____

ACVM Banquet at Patrick's Restaurant, 342 West Port Plaza, St. Louis, Missouri

The annual ACVM banquet will be held at Patrick's Restaurant in St. Louis, Missouri, which is across the street from the Sheraton Westport Hotel and Lakeside Chalet. The banquet will be held on Monday December 5, 2005 starting at 6:30 PM with a social hour. The fee is only \$40.00 per person. Your choice of entrée is either Prime Rib or Sautéed chicken. The meal includes cheese, fruit and cracker trays, roasted potatoes, fresh steamed vegetables, house salad, cheddar chive biscuits and deserts. An open house bar will be set up prior to the dinner. Red and white house wine will be served during dinner. To ensure we have an accurate count of attendees please submit your reservation to the attention of Chris Hayhow as soon as possible. I have provided a form to assist you. If you have not paid your dues, now would be a great time to catch up!

Dinner reservation: No of persons @ \$40.00 each
Choose one: Prime rib _____
Sautéed chicken _____

\$ _____

**** MUST PROVIDE AN ACCURATE COUNT 72 HOURS IN ADVANCE OF THE DINNER**

Total: \$ _____

NAME _____

Please make remittances payable to ACVM by check drawn on a US bank or by international money order and mail directly to Chris Hayhow, 30705 West 84th Circle, DeSoto, Kansas 66018.