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J.A. Roth  
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B.C. Love (2007)  
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M.C. Libal (2008)  
A.J. Phipps (2008)

## NEWSLETTER Winter 2006

### News

#### ***New Diplomates***

Dr. Deepanker Tewari and Dr. Rebecca Wilkes were introduced as new ACVM Diplomates in December 2005, at the ACVM banquet in St. Louis. Dr. Tewari is currently employed by the State of Pennsylvania Diagnostic Laboratory, and Dr. Wilkes is currently at the University of Tennessee, Knoxville, Tennessee. Please welcome Drs. Tewari and Wilkes as our newest ACVM Diplomates!

Dr. T.G. Nagaraja was introduced as a new ACVM Honorary Diplomate in December at the ACVM banquet in St. Louis. Dr. Nagaraja is a Professor at Kansas State University. His areas of expertise are liver abscesses, bloat and rumenal acidosis of cattle. Please welcome Dr. Nagaraja as our newest ACVM Honorary Diplomate!



Jim Roth and Rebecca Wilkes



T. G. Nagaraja and Jim Roth

### News from the President

Dear ACVM Diplomates:

We had a very good meeting of the ACVM Board of Governors at the CRWAD meeting in St. Louis. Several very important items came up that have major implications for the future of the ACVM which I need to inform you of.

The major topic of discussion centered on the fact that we have only certified 7 new Diplomates in the last 4 years. We obviously need to increase these numbers if we are to remain a viable organization. More importantly, we need to recruit and certify many more veterinary microbiologists to fill the increasing national need for veterinary infectious disease experts in teaching, diagnostics, research, and public policy.

At last years Board of Governors meeting we

Office of the Secretary-Treasurer

Dr. Chris Hayhow, 30705 West 84<sup>th</sup> Circle, DeSoto, Kansas 66018

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discussed ways to increase recruitment of candidates for the exams. Dr. Amelia Woolums agreed to Chair a recruitment committee, and several of the Board members agreed to make a personal effort to recruit candidates. That effort is beginning to pay off. In 2004 we had 3 candidates take the general exam and administered 8 total specialty exams. In 2005 we had 11 candidates take the general exam and administered 19 total specialty exams. Unfortunately, we had a very low pass rate this year (5/11 on the general exam and 3/19 on the specialty exams). The pass rate for the past 6 years on the exams has been: General exam: 55.4%, Bacteriology: 26.7%, Immunology 21.3%, and Virology 60%. A major effort had been made in the past few years to update the virology exam. The Board of Governors and the examinations committee members agreed that the highest priority of the ACVM in the next year will be to review the examination process and the exams themselves. The examination committee agreed to develop a more comprehensive study guide to assist the candidates in studying for the examination. Dr. Steve Kleiboeker has done an excellent job of chairing the exam committee and is committed to accomplishing these tasks. He will need assistance from all Diplomates in supplying new questions for the exams. Please respond when asked to provide questions.

Dr. Woolums' recruitment committee made several recommendations for increasing the visibility of the ACVM and for recruiting new candidates. The Board approved five of the recommendations and deferred others until additional funds become available. The five approved recommendations are: 1) award an "Outstanding Veterinary Microbiologist" award each year, 2) Update the ACVM certification requirements, 3) encourage Diplomates to join the ACVM Biosecurity Task Force, 4) improve interactions with the AVMA, AAVLD, and AAVMC, 5) write and distribute a white paper on the importance of veterinary microbiology to society and the hurdles keeping veterinarians from pursuing this training.

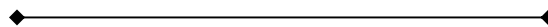
There was recognition by Board members that improving the examination process and accomplishing the recruiting goals will require more resources. After considerable discussion, the Board voted to increase annual dues from \$30 to \$80 per year. This is a large percentage increase, but it is still one of the lowest annual dues for a specialty College of the AVMA. The dues for many of the

Colleges are over \$200 per year. Emeritus and Honorary members do not pay dues. One of the Emeritus Diplomates asked if donations to the ACVM would be tax deductible. Dr. Hayhow checked into our tax status and determined that the ACVM is a non-profit 501(c)(3) organization. Therefore, any donations to the ACVM would be tax deductible. Anyone wishing to make a tax deductible donation to the ACVM should contact Dr. Hayhow ([Chayhow@biomunecompany.com](mailto:Chayhow@biomunecompany.com) phone: (913) 894-0230.

The ACVM needs the assistance of all Diplomates to re-emerge as a vibrant, viable organization which can contribute to the national need for expertise in veterinary microbiology and infectious diseases. We need for every Diplomate to recruit promising young veterinarians to take the examinations and to contribute new questions to the examination bank.

Please don't hesitate to contact me, or any other member of the Board of Governors, with any questions, concerns, or ideas that you may have.

Best regards,  
Jim Roth



## News

### **ACVM meeting in St. Louis, Missouri**

The ACVM held a meeting on December 4, 2005 in conjunction with the CRWAD meeting in St. Louis, Missouri. Following is a brief summary of some of the meeting discussions. Chris Hayhow reported that we had a balance of \$21,175.07 in our checking account and \$14,288.81 in our CD's as of November 30, 2005. During 2005 we were notified of the passing of four fellow diplomates. The deceased diplomates were Paul Homme, Harold Lupton, Martin Sevoian and Sulaiman Gbadamosi. Steve Kleiboeker, Chair of the ACVM Examinations Committee reported that two new diplomates were certified. Dr. Deepanker Tewari was certified in immunology, and Dr. Rebecca Wilkes was certified in virology. A discussion on the pass rate of examination candidates ensued. It was agreed that the college must work to ensure candidates are given the best opportunity to achieve a passing score. To that end we agreed to conduct a thorough review of the examination process and to review the

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questions for each of our examinations. We will prepare a study guide and hold a training session with potential candidates. This is the highest priority project for the college. An excellent symposium, entitled "Use of Genomics for Disease and Vaccine Research" was held. Our college can be very proud of the quality of these annual symposia. This year the symposium coordinators were Joan Lunney for AAVI and Eileen Thacker for ACVM. Thank you ladies for your outstanding efforts. Fund raising efforts are under way to support the ACVM activities at the 2006 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 her ongoing plans to expand the activities and visibility of our college. The Board approved several of these recommendations. Our highest priority is to address the ACVM credentialing issue, followed by revision of the ACVM website. The Board agreed to also initiate action on other items. Plans have been initiated to bestow a new award called the "Outstanding Veterinary Microbiologist Award" beginning in 2006. If you are aware of a worthy candidate please contact Terry Bowersock, Chair of the ACVM Honorary Diplomat Selection Committee for more details on this new award. In order to achieve all of our ambitious goals for the college the ACVM Board approved a dues increase beginning in 2007 from \$30.00 to \$80.00, with a request for payment of an extra fee from diplomates paid ahead. President Roth reported that we currently have approximately 13 Diplomates approved for the ACVM Biosecurity Task Force. He encouraged everyone to participate in this important project. 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. Steven Olsen, Chair of the ACVM Graduate Students Award Committee reported that 19 posters and 26 papers were evaluated. The winners are reported elsewhere in this newsletter. Chris Hayhow and Steve Kleiboeker will attend a workshop sponsored by the American Board of Veterinary Specialties, under the supervision of AVMA, entitled "Trends in Certification." The Board approved a new logo for the college. Finally, 2006 will mark the 40<sup>th</sup> anniversary of our college. Please plan to join us in

Chicago, Illinois, December 3-5, 2006 to celebrate this achievement!



### 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

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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
- 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: [jaroht@iastate.edu](mailto:jaroht@iastate.edu)

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### **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.

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### **ACVM on the Internet**

Please note the new ACVM website address is [www.vetmed.iastate.edu/acvm](http://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.

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### **2006 CRWAD Meeting in Chicago, Illinois**

Please plan on attending the ACVM Annual and Board of Governors' Meeting, which is scheduled for Sunday, December 3<sup>rd</sup>, 2006 at the Chicago Marriott Downtown Magnificent Mile Hotel, Chicago, Illinois. It will be held at 9:00 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 3, 2006. The ACVM banquet will be Monday December 4, 2006 at a location to be determined. As this is our 40<sup>th</sup> anniversary we hope everyone will plan to attend for this special occasion! Additional information concerning the banquet will be provided in the future. We hope to see you there!

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### 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 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. Please note that beginning with dues for 2007, the fee will increase from \$30 to \$80 per year. All diplomates paid in advance are requested to pay an extra fee to assist the college in achieving our ambitious goals.

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### Suggestions and Corrections

For additional information or to provide suggestions, please contact:

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DeSoto, KS 66018  
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or by e-mail at [chayhow@biomunecompany.com](mailto:chayhow@biomunecompany.com)

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### ACVM Award Winners at CRWAD

Don Kahn Award (\$400 and plaque)  
"Absence of nuclear targeting activity within the lysine-rich domain of the SARS-CoV N protein is the result of an aspartic acid residue at position 372" by V. Chauhan, J.M. Rowland, and R.R.R. Rowland, Department of Diagnostic Medicine/Pathobiology, Kansas State University, Manhattan, Kansas.

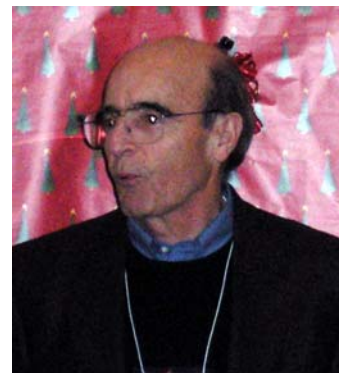
Best *in vivo* oral presentation (\$200 and plaque)  
"Role of Envelope proteins gE and Us9 in the anterograde transport of BHV-1 following

reactivation in the Trigeminal Ganglia" by N.B. Butchi, S. Perez, A. Doster, R. Sangena Boyina, J. Simon, and S.I. Chowdhury, College of Veterinary Medicine, Kansas State University, Manhattan, Kansas and Department of Veterinary and Biomedical Sciences, University of Nebraska, Lincoln, Nebraska.

Best *in vitro* oral presentation (\$200 and plaque)  
"The identification and characterization of a naturally occurring autoinducer-2 deficient strain of *Campylobacter jejuni*" by P.J. Plummer, M. Akiba, Q. Zhang, Department of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine, Iowa State University, Ames, Iowa.

Best molecular oral presentation (\$200 and plaque)  
"Unique macrophage and tick cell-specific gene expression from the p28-Omp multigene locus of *Ehrlichia chaffeensis*, a possible strategy to aid the pathogen to persist" by Lalitha Peddireddi, Chuanmin Cheng, Vijayakrishna Singu, Kamesh R. Sirigireddy and Roman R. Ganta, Department of Diagnostic Medicine/Pathology, College of Veterinary Medicine, Kansas State University, Manhattan, Kansas.

Best poster (\$200 and plaque)  
"Development of a negative marker subunit vaccine against *Actinobacillus pleuropneumoniae* infection" by Alexander Maas, Jochen Meens, Gerald-F. Gerlach, Institute for Microbiology, Department of Infectious Diseases, University of Veterinary Medicine, Hannover Foundation, Hannover, Germany.



Bill Mengeling, 2005 CRWAD Dedicattee

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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.  
Lalonde, Guy  
Lester, Thomas L.  
Loan, Raymond W.  
Messier, Serge  
Montgomery III, Roy D.  
Naqi, Syed A.  
Nayar, Gopi P.S.  
Nusbaum, Kenneth E.  
Odemuyiwa, Solomon O.  
Platt, Kenneth B.  
Reddy, P. Gopal  
Reddy, Sanjay K.  
Reggiardo, Carlos  
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.  
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.  
Lalonde, Guy  
Lester, Thomas L.  
Loan, Raymond W.  
Montgomery III, Roy D.  
Naqi, Syed A.  
Nayar, Gopi P.S.  
Odemuyiwa, Solomon O.  
Platt, Kenneth B.  
Reddy, P. Gopal  
Reggiardo, Carlos  
Rice, Robert M.  
Ross, Richard F.  
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.  
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.  
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.  
Chengappa, M. M.  
Clough, Nancy E.  
Cox, Hollis Utah  
DeBey, Mary C.  
Fulton, Robert W.  
Gbadamosi, Sulaiman G.  
Greene, Russell T.  
Hodgson, Jennifer  
Keil, Daniel J.  
Kennedy, Melissa A.  
Kibenge, Frederick S. B.  
Kinde, Hailu  
King, Daniel J.  
Kleiboeker, Steven B.  
Love, Brenda C.  
Lu, Yue-Shoung  
McVey, David Scott  
Olsen, Steven C.  
Panigrahy, Brundaban  
Paul, Prem S.  
Plavsic, Z. Mark  
Reynolds, Donald L.  
Robinson, David M.  
Rosenbusch, Ricardo F.  
Roth, James A.  
Saliki, Jeremiah T.  
Samal, Siba K.  
Schlater, Linda Kelley

Simmons, Donald G.  
Suarez, David L.  
Subbiah, Elankumaran  
Swinford (White), Amy K.  
Thacker, Eileen L.  
Van Campen, Hana  
Wilcox, Graham E.  
Woolums, Amelia R.

Dues Paid in Advance for 2007

Baldwin, Charles A.  
Chang, Yung-Fu  
Charlton, Bruce R.  
Gbadamosi, Sulaiman G.  
Hodgson, Jennifer  
Kibenge, Frederick S. B.  
Lu, Yue-Shoung  
Olsen, Steven C.  
Plavsic, Z. Mark  
Robinson, David M.  
Samal, Siba K.  
Subbiah, Elankumaran  
Van Campen, Hana  
Wilcox, Graham E.

Dues Paid in Advance for 2008

Chang, Yung-Fu  
Olsen, Steven C.  
Robinson, David M.  
Samal, Siba K.