



## AMERICAN COLLEGE OF VETERINARY MICROBIOLOGISTS

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April 1, 2003

## NEWSLETTER

### From the ACVM President's Desk

#### *2003 ACVM Vision Statement*

The objectives of the American College of Veterinary Microbiologists (ACVM) are:

1. To further educational and scientific progress in the specialty of veterinary microbiology.
2. To strengthen and improve instruction at the pre- and post-doctoral level in veterinary microbiology.
3. To promote the highest professional standing of veterinary microbiologists.
4. To establish standards of postdoctoral training and experience for qualification of specialists in veterinary microbiology.
5. To certify qualified and competent veterinary microbiologists in subspecialty areas of bacteriology and mycology, virology, and immunology.

The degree of success of the ACVM in completing these objectives will have a direct and positive impact on Veterinary Medicine and the health and well being of our human and animal clientele. To increase the effectiveness of the College in fulfilling these objectives, it is necessary to identify additional opportunities for ACVM diplomats to interact with professional colleagues and the veterinary public, present and publish scientific work and participate in professional, graduate and public education. Increased opportunity should result in greater visibility of the ACVM and public and institutional recognition of the value of ACVM diplomacy and certification. Increased visibility and recognized value will in turn increase the quality and quantity of the certified membership off the College. In addition, ACVM affiliation should add value to our partners, the American Veterinary Medical Association (AVMA) Conference of Research Workers in Animal Diseases (CRWAD) and possibly the American College of Veterinary Internal Medicine. Other

partnerships may have considerable value and should not be excluded from consideration.

For consideration, the following list of potential activities and partnerships are proposed:

1. Establish parallel meetings with our partners. The meeting would focus on infectious diseases of animals with a mixture of keynote speakers, short research presentations and a poster session. The topics should be selected to attract diplomats, basic scientists, practitioners, academic clinicians and diagnostic scientists. Such meetings are easy to support and easy to promote. Such a meeting directly contributes to the fulfillment of research, service and teaching objectives.
2. Create a special section on Infectious Diseases within a current peer-reviewed journal (such as the *Journal of Veterinary Internal Medicine* or *JAVMA*). The participation of the ACVM in administrative components (review, editing and general scientific content) would increase the perceived strength of the College in the academic environment.
3. Increase support of continuing educational program for veterinarians and animal technicians as well as veterinary students.

*We are currently seeking proposals and discussion these ideas. The BOG certainly would welcome comments, questions and suggestions.*

### **ACVM on the Internet**

Please note the ACVM website address is [www.vetmed.auburn.edu/acvm](http://www.vetmed.auburn.edu/acvm) It contains meeting minutes, the history, goals, directory, constitution, bylaws, instructions for potential candidates and application form. All members should review the updated examination guidelines. The format of our examination process has changed and will be effective for our new examinees this year. The directory information will be updated at least twice a year. Any suggestions for changes are welcome.

### **Ballot for Officers and Honorary Diplomates**

A ballot form to vote for the next three members of the Board of Governors and ACVM President is enclosed. Information on the five candidates is enclosed. Please follow instructions on the ballot form. Mail the ballot in the enclosed stamped, return-address envelope. Dues status is encoded on the back of the envelope. Only votes from members in good standing will be counted. You may include a check for dues if in arrears to ensure counting of your ballot.

Please note that emeritus and honorary members do not pay dues to remain in good standing; honorary members cannot vote. Dr. Dan Givens shall be the teller this year.

### **AVMA Meeting in Denver**

Please plan on attending the ACVM Annual and Board of Directors' Meeting on Sunday, July 14<sup>th</sup>, 2003. It will be held at 2:00 PM in the. The agenda will soon be placed on the ACVM web site as soon as it is available. Remember the ACVM is not sponsoring a symposium at the AVMA meeting this year.

### **Dues Status**

Dues are \$30. They are due by July each year. According to tradition, a reminder is enclosed for those of you who have forgotten to pay. 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.

### **Suggestions and Corrections**

For additional information or to provide suggestions, please contact:

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Auburn University, AL 36849-5519,  
(334) 844-2663  
FAX (334) 844-2652  
or by e-mail at [brockkv@auburn.edu](mailto:brockkv@auburn.edu)

### **Candidates for Board of Governors**

#### **Christopher Chase**

Dr. Chris Dr. Chris Chase, Professor, Department of Veterinary Science, South Dakota State University (SDSU) is a native of Sisseton, SD and attended SDSU. He received his DVM from Iowa State University and MS and Ph.D. from the University of Wisconsin-Madison. He was an associate at the Viborg Veterinary Clinic, Viborg, SD, for 5 years and has continued his involvement in clinical veterinary medicine as a consultant and relief veterinarian in Stoughton, WI, Laramie, WY, and Flandreau, SD. Prior to joining the faculty at SDSU, Dr. Chase was employed by the USDA-Agricultural Research Service in Laramie, WY and held a joint appointment in the Department of Molecular Biology at the University of Wyoming. Dr. Chase's research has been directed at understanding the initial events of viral infections to develop better methods for preventing virus infections in animals. He also has applied the tools of molecular biology to developing better methods of detecting disease

producing organisms. His clinical experience is with cow-calf, feedlot, and hog herd health. He is a member of the American Association of Bovine Practitioners, American Association of Small Ruminant Practitioners, American Association of Swine Practitioners, American Society of Microbiology, American Society of Virology, and a Diplomat of the American College of Veterinary Microbiologists. He served as chairman of the ACVM Continuing Education Committee, chairman of the AVMA Council of Research and is the president-elect of the American Association of Veterinary Immunologists.

#### **ACVM Vision and Challenges**

My major goal for ACVM is to increase our stature as an organization and the recognition of ACVM as an important resource for developing emerging infectious disease programs. We can do this through our participation in continuing education programs with other veterinary and biomedical organizations and societies. We have a tremendous expertise that needs to be shared with others. This will increase our visibility and provide an opportunity for members to network with other infectious disease professionals. Through this effort, we can help to shape infectious disease policy and funding opportunities.

#### **M.M. Chengappa**

Dr. Dr. M.M. Chengappa earned his BVSc and MVSc degrees from the College of Veterinary Medicine, University of Agricultural Sciences, Bangalore, India in 1970 and 1973, respectively. In 1974, he joined Michigan State University where he earned an MS and a PhD in Veterinary Microbiology under Dr. G. R. Carter. Dr. Chengappa was certified as a Diplomate of the ACVM in 1981 and has served on the Long Range Planning Committee and twice on the Examination Committee.

Dr. Chengappa was a member of the faculty at Murray State University from 1981-83, and 1985-1988; and at Kansas State University from 1983-85 and from 1988-present. Dr. Chengappa was promoted to the rank of Professor in the Department of Laboratory Medicine at Kansas State University in 1990, and became Head of the Department of Diagnostic Medicine/Pathobiology in 1996 after serving as Assistant Head from 1994-1996. In 2000, Dr. Chengappa assumed the responsibilities of

Interim Director of Food Animal Health and Management Center in the College. Dr. Chengappa was awarded the Beecham Award for Research Excellence in 1990, and he has 3 patents based on his research. He has authored or co-authored over 120 scientific papers and numerous book chapters. In addition, Dr. Chengappa has co-authored two books in veterinary microbiology. He coordinates the Veterinary Bacteriology and Mycology class taught to professional students in the College of Veterinary Medicine. He serves on the Editorial Board of Veterinary Microbiology, Veterinary Research Communication and Pet India. He was elected to serve on the ACVM Board of Governors from 1992-95. Dr. Chengappa is a member of the AVMA, KVMA, AAVLD and CRWAD.

### **ACVM Vision and Challenges**

For the sustained growth and development of ACVM, it must continually add new diplomates, define and redefine the short and long term goals of the organization, maintain high visibility at national and international levels, improve the communication among diplomates and between various professional organizations and maintain high standards for the certification process. The ACVM must nurture an environment where diplomates can share and discuss teaching, research, and service to advance and benefit their careers. The ACVM must address not only research challenges, but also teaching and service challenges that face our discipline. These challenges should be regularly discussed during workshops and seminars held in conjunction with national professional meetings.

The ACVM should continue to hold an annual meeting as a means to gain increased visibility and to encourage individuals to work towards certification. The relationship that has been started with the ACVIM should continue and be enhanced. Serious considerations should be given to hosting a workshop in conjunction with the annual meeting of the ACVIM on a subject that would attract ACVIM membership and highlight the activities of the ACVM.

The AAVMC, in association with the AVMA, is mounting an initiative to increase the number of veterinarians interested and trained in the area of regulatory veterinary medicine and biomedical research. USDA APHIS alone suggests that it needs as many as 200 new veterinarians each

year for the foreseeable future to cover their needs. Research Resources within the NIH is concerned that there are not enough veterinarians (certified with or without PhD's) to support the biomedical infrastructure, particularly in the areas of laboratory animal medicine, pathology, and comparative medicine. I suggest that ACVM become engaged in these discussions so that the need for training in veterinary microbiology and immunology is not forgotten and the value of ACVM certification is demonstrated.

The ACVM should consider liberalizing the requirements for the qualifying examinations and to make them available via the internet. The exam could be opened to applicants with diverse background for a small administrative fee to take the examination via a secure internet examination, similar to how the ACT is currently administered. This would create a larger pool of individuals that would be motivated to study for the certification examination, and increase the level of interest in students considering the relative value of ACVM certification.

In the last 4-6 years, the ACVM has made significant progress in revising and updating examination questions. New questions are continually being added to the bank. I commend those who actively participated in this project. However, I believe there is still a strong need for new questions to balance all areas of microbiology.

I believe the ACVM should be very active in local, state and national organizations to promote the mission of the College. The biotechnology revolution will continue to have a tremendous impact on laboratory diagnostics, vaccines, therapeutics as well as clinical management of infectious diseases. The diplomates of the ACVM represent a tremendous resource of scientists, educators and administrators that can contribute to many different biomedical disciplines. We must actively seek points of engagement.

It is an honor to be nominated and I look forward to continued service to the College.

### **Scott Dee**

Dr. Dee received a MS in veterinary microbiology in 1985, a DVM in 1987, and a PhD in veterinary medicine in 1996, all from the

University of Minnesota. Dr. Dee became board-certified in bacteriology and mycology in 1993. From 1987-1998, he was a swine practitioner in Morris MN, and from 1999 to the present, Dr. Dee has been an Associate professor in the Swine Disease Eradication Center at the University of Minnesota. His research focuses on the epidemiology and control/elimination of PRRS virus in swine. Dr. Dee is also a consultant in 33 US states and 22 countries.

#### **ACVM Vision and Challenges**

My vision for the ACVM would be to enhance its relationship with the swine industry. A logical means of doing so would be to coordinate activities of the ACVM with our Swine Disease Eradication center here at the University of Minnesota. This organization focuses on applied research in the epidemiology and eradication of enzootic and zoonotic diseases of pigs. A promising area of research is disease transmission, agricultural bioterrorism and biosecurity, not just in swine, but also in bovine and poultry populations. Funding is readily available and the impact of the information on the global swine industry is very significant. CRWAD is in the process of developing a section that will provide scientists the opportunity to share data from scientific investigations in these areas. Our SDEC group is actively involved in this as well, and can provide an accessible conduit for ACVM members to carry out projects. We currently have access to a commercial research facility that allows us to conduct infectious disease research involving large populations of animals housed under controlled environmental conditions. I hope to raise the awareness of this opportunity to ACVM members.

#### **Daniel L. Grooms**

Dr. Grooms received his DVM degree from The Ohio State University in 1989. He then spent four years in private practice in Ohio before returning to The Ohio State University where he completed his PhD in Veterinary Preventive Medicine in 1997. He currently is an assistant professor in the Department of Large Animal Clinical Sciences at Michigan State University with duties in bovine medicine teaching, extension and research. His current areas of research focus are the pathogenesis of acute BVDV infections, the role of BVDV in feedlot respiratory disease, transmission of bovine TB, interaction between bovine TB and Johne's disease and the development of animal side

diagnostic tests for infectious diseases. Extension activities have been focused on pre-harvest food safety, the bovine TB problem in Michigan, biosecurity and integrated beef production systems.

#### **ACVM Vision and Challenges**

The importance of veterinary microbiology surfaces daily in our world. Food born disease outbreaks, human pathogen antimicrobial resistance, bovine tuberculosis, emerging pathogens..... the list goes on and on. These dilemmas are important not only to the health and well being of animals, but also humans. As veterinary microbiologists, we are in a unique position to provide leadership in helping to deal with challenges. This requires a continued effort to establish ACVM as an authority on veterinary microbiology. How we do this is important. First of all, I feel we need to continue to provide educational opportunities directed at key stakeholders. Sponsoring or co-sponsoring veterinary microbiology forums at meetings such as AAHA, AABP, ACVIM, etc is critical in firmly establishing ACVM as a global presence. Second, representation in key organizational committees is necessary to provide veterinary microbiology expertise in policy-making discussions having to do with this arena. Such committees should be identified and representation provided. Third, continued recruitment of new members from a wide variety of microbiology backgrounds is important. This serves to give ACVM a broad base of expertise to draw from which only serves to strengthen our position of authority. One way to increase membership is to explore avenues to increase the "pay-off" for being an ACVM member.

I appreciate the honor of being nominated to the Board of Governors. My resolve to work for this organization is not contingent on being elected to the Board of Governors, but I would appreciate the opportunity to serve ACVM in an expanded role.

#### **Steven C. Olsen**

Dr. Olsen received a DVM from Kansas State University in 1985 and spent 3 ½ years in private practice before returning to KSU and completing my Ph.D. in 1991. Since 1991 Dr. Olsen has worked for the Agricultural Research Service doing research on infectious diseases of domestic livestock, primarily brucellosis. His research work in cattle resulted in the approval of the RB51 vaccine for cattle. Because of the

publicity associated with brucellosis in the bison in Yellowstone National Park, and the fact that other wildlife species serve as reservoirs of brucellosis, my research studies have also included vaccine projects on safety, immunologic responses, efficacy, and effects of delivery method on responses in wildlife species. For the last four years, Dr. Olsen has served on the graduate student awards committee for ACVM. Dr. Olsen resides in McCallsburg, Iowa with his wife, 3 children and a various assortment of livestock and pets.

#### **ACVM Vision and Challenges**

I would like to see ACVM board of governors continue its work to highlight the microbiologic expertise within our college to other boards and groups within the AVMA. Continuing the collaboration with ACVIM and working with other groups to strengthen our visibility will not only enhance the recognition of our college, but should also assist in attracting candidates for sitting for our examination. It is my belief that our college will need to continue to work to attract candidates for our examination. For this reason, I think the board of governors and ACVIM members will need to continue to recruit candidates for our examination, and may need to also consider new methods that target students earlier in their training.

#### **DUES STATUS AS OF 4/01/2003**

**These Diplomates owe \$30 for 1999, 2000, 2001, \$20 for 2002 and \$30 for 2003. Total due is \$140.**

Carlson, Jack H.  
Gorham, John R.  
Lester, Thomas L.  
Parks, John B.

**These Diplomates owe \$30 for 2000, 2001, \$20 for 2002, and \$30 for 2003. Total due is \$110.**

House, James A.

**These Diplomates owe \$30 for 2001, \$20 for 2002, and \$30 for 2003. Total due is \$80**

Gbadamosi, Sulaiman G.  
Messier, Serge  
Woodard, Lynn F.

**These Diplomates owe \$30.00 for 2002, and \$30.00 for 2003. Total due is \$60.00**

Ali, Akbar  
Dickerson, Harry W.  
Eleraky,  
Eriks, Inge S.  
Hennessy, Kristina J.  
Naqi, Syed A.  
Odemuyiwa, Solomon O.  
Pастey, Manoj Kumar  
Phipps,  
Platt, Kenneth B.  
Plavsic, Z. Mark  
Reddy, P. Gopal  
Tresnan, Dina Barbis  
Van Campen, Hana  
Williams, Robert Dee

#### **2003 Dues Now Payable**

Allen, Gary K.  
Andreasen Jr., James R.  
Angulo, Arthur B.  
Brodie, Scott J.  
Buening, Gerald M.  
Daignault, Danielle  
Ellis, John A.  
Ellsworth, Steven R.  
Erickson, Gene A.  
Eriks, Inge S.  
Fisch, Harvey  
Frank, Glynn H.  
Garmendia, Antonio E.  
Greene, Russell T.  
Guy, James S.  
Hidalgo, Richard J.  
Hodgson, Jennifer  
Hong, Chou C.  
Jarboe, Daniel L.  
Jones, Robert L.  
Kulkarni, Arun B.  
Lairmore, Michael D.  
Libal, Melissa C.  
Lynch, John A.  
Matsumoto, Masakazu

McVey, David Scott  
Naqi, Syed A.  
Narayanan, Sanjeev K.  
Nayar, Gopi P.S.  
Odemuyiwa, Solomon O.  
Osorio, Fernando A.  
Payne, Jerry B.  
Post, Karen W.  
Potgieter, Leon N.D.  
Quenelle, Debra Cross  
Rajeev, Sreekumari  
Reddy, Sanjay K.  
Reggiardo, Carlos  
Robinson, David M.  
Saliki, Jeremiah T.  
Scanlan, Charles M.  
Schlater, Linda Kelley  
Schnorr, Kenneth L.  
Shin, Sang J.  
Stevens, Mark G.  
Stevenson, Timothy H.  
Tripathy, Deoki N  
Uhland, F. Carl  
Villegas-Narvaez, Pedro  
White, Amy K.  
Wilcox, Graham E.  
Wooley, Richard E.

**Dues Paid In Advance 2004**

(These Diplomates have paid and do not owe anything)

Dee, Scott A.  
Gaskin, Jack Michael  
Lu, Yue-Shoung  
Nusbaum, Kenneth E.  
Roth, James A.  
Srivastava, Kunwar K.

**Dues Paid In Advance 2005**

(These Diplomates have paid and do not owe anything)

Besser, Thomas E.  
Collins, Michael T.  
Fenwick, Brad W.

Gershwin, Laurel J.  
Pugh Jr., George W.  
Reddy, Chilekampalli A.  
Toth, Thomas E

**Dues Paid In Advance 2006**

(These Diplomates have paid and do not owe anything)

Kinde, Hailu  
Kleiboeker, Steven B.

**Dues Paid In Advance 2007**

(These Diplomates have paid and do not owe anything)

Kibenge, Frederick S. B.

**Dues Paid In Advance 2008**

Samal, Siba K.