

# AMERICAN COLLEGE OF VETERINARY MICROBIOLOGISTS

## Board of Governors

### Chairman

C.S. Hayhow

### Vice-Chairman

C.A. Baldwin

## Board of Governors

T.L. Bowersock

A.E. Castro

T.B. Crawford

S.A. Dee

R.E. Dierks

D.S. McVey

B.W. Fenwick

K.E. Nusbaum

March 1, 1999

## NEWSLETTER

### ACVM on the Internet

Visit our site at <http://cem.vet.utk.edu>  
It contains meeting minutes, the history, goals, directory, constitution, bylaws, guide for potential candidates, and application form. One may print all or any part of the information listed. An e-mail message can be sent to the Secretary-Treasurer directly from the Internet site. The information will be updated regularly (at least monthly). I intend to place news items in this site periodically also. If any errors are identified, please let me know. Suggestions are welcome.

### Ballot for Officers and Honorary Diplomates

A ballot form to vote for the next three members of the Board of Governors 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. The Chairman of the Board of Governors has appointed the Secretary/Treasurer to be the teller this year.

Please vote also for your choice among those who have been nominated for honorary diplomate status. A 2/3-majority vote is required for election to honorary diplomate standing.

The nomination for the new Vice-Chair of ACVM is Dr. Brad Fenwick. He graciously has agreed to accept the position, if approved by the Board. Additional nominations may be made by Board members at the July meeting.

### Dues Status

Dues are still \$20 - a bargain. They become due in July each year and go up to \$30 on January 31 the following year. According to tradition, I have enclosed a reminder for those of you who have forgotten. 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 Dr. Leon Potgieter, College of Veterinary Medicine, University of Tennessee, P.O. Box 1071, Knoxville, TN 37901-1071 (423-974-5576), Fax (423-974-5640) or by e-mail at [potgieter@utk.edu](mailto:potgieter@utk.edu).

### Candidates for Board of Governors

#### Anthony Castro

Dr. Castro received an MS degree from New York University in cell biology (1962), a PhD degree from Purdue University in virology (1971), a DVM degree from the University of Minnesota (1978), and was board certified in ACVM in 1983. He is currently the resident

director and senior research associate/virologist in the Animal Diagnostic Laboratory at Pennsylvania State University.

Dr. Castro's past professional experience includes the Dow Chemical Company (Human Health Research Division), Purdue University's School of Veterinary Medicine, the University of Minnesota, Oklahoma Animal Disease Diagnostic Laboratory, and the California Veterinary Diagnostic Laboratory System. He has 89 publications and is credited with 7 book chapters. He has had substantial funding (over \$7 million dollars) in research and has been invited to speak at numerous national venues.

### **ACVM Vision and Challenges**

As a present member of the Board of the ACVM, I have had the opportunity to experience and understand many of the pressing issues confronting our organization. To maintain its financial solvency, in-depth discussions of issues on membership dues, monies for symposia, cost of meeting dates and publications and further expansion of its web page have been primary issues of mine. As a board member, I will work towards exploring how ACVM can become more visible nationally and increase its representation in veterinary school programs, via its members, that describe the advantages of membership to future veterinary candidates in microbiology. Additionally, I believe a vehicle needs to be developed by the ACVM board that espouses to development of collaborative association by the ACVM with members of other boards to meet mutual scientific needs such as dissemination of information for symposia and investigational efforts. As the new millennium approaches, I believe we need to review the future of candidacy into the ACVM membership consistent with its constitution and not dilute its criteria for admission. The ACVM should conduct an in-depth review of its test methods for admission to candidacy with similar objectives, and develop methods for encouraging new candidates to seek admission in the ACVM as part of their future careers. Finally, contact with similar international organizations to promote scholarship in veterinary microbiology at the graduate and undergraduate levels is a major goal that I will work toward. These

delineated critical objectives will be the themes I will work on if I am re-elected to the board.

### **Chris Hayhow**

After graduating from The Ohio State University's College of Veterinary Medicine, Dr Hayhow was in private mixed practice for eight years. He returned to The Ohio State University to complete a PhD in microbiology. Since receiving the PhD he has been employed by industry working in product development and regulatory departments. Currently he is working with vaccines. Dr. Hayhow has served the ACVM on the Continuing Education and Program Committee, the Graduate Student Awards Committee, and the Board of Governors.

### **ACVM Vision and Challenges**

The arena of microbiology is one of the most dynamic science fields today. The information explosion poses an enigma. It is important that the ACVM continues to promote new knowledge through research, but we must also present this new knowledge in a palatable manner to our students and to our diverse level of peers. This suggests that we must be prepared to adapt quickly, actively promote microbiology through ACVM, and attract bright new people for the future. With an influx of bright new talent not only will our organization grow, but also we will be better prepared to solve future problems that impact all of our lives. I would be honored to be re-elected to serve the ACVM for an additional term on the Board of Governors.

### **Robert L. Jones**

Dr. Robert Jones received the DVM degree from Washington State University (1974). After four years in private mixed practice in Idaho, he entered the University of Missouri-Columbia where he earned his PhD degree in microbiology (1981). In 1981, Dr. Jones joined the faculty of Colorado State University's College of Veterinary Medicine and Biomedical Sciences and is currently Professor of Microbiology and Assistant Dean for Professional Veterinary Medical Curriculum. For 8 years, he served as

the Head of the Bacteriology Section of the CSU Veterinary Diagnostic Laboratories. He teaches the topics of bacteriology, mycology and pharmacology of antimicrobials in the professional curriculum as well as selected lectures in undergraduate and graduate courses.

His research efforts have focused on pathogenesis and diagnosis of infectious disease with emphasis on brucellosis, paratuberculosis, nosocomial infections, and enteric disease associated with *Salmonella* and *Clostridium* spp.

He is the author or co-author of over 90 scientific articles on diagnostic microbiology and infectious diseases of animals.

Dr. Jones was certified as a Diplomate of ACVM in 1984 and has served the organization in the following positions: Examination Committee, 1989-present, Chair 1995-present; Board of Governors, 1991-1994; and Budget Committee, 1992-1995, Chair 1993-1995.

### ACVM Vision and Challenges

The challenge to the Board of Governors is to continue to shape the ACVM into a dynamic, growing organization that serves present members well, attracts new members, and promotes and preserves the integration of expertise in the area of microbiology into the profession of veterinary medicine. I believe that the organization has an adequate financial base and sound budget to support continuation of present activities. The major challenge facing ACVM is to attract new members.

I expect that attracting new members will require more than a marketing campaign. First, we must consider the current environment for advanced training of veterinarians in the discipline of microbiology. Academic departments housing veterinary microbiologists have undergone considerable change in identity, structure and function during the 1990's. As a result, ACVM needs to consider modifying the presently defined pathways for qualification of candidates, the expected body of knowledge to be mastered, and roles diplomats are expected to fill. It must continue to be ACVM's primary goal to credential all veterinarians who have the ability to creatively integrate microbiology

expertise into the profession of veterinary medicine.

### Melissa Kennedy

Melissa Kennedy received the DVM degree from the University of Tennessee in 1983. She was in small animal practice from 1983 to 1987.

She earned the PhD degree from the University of Tennessee in 1991. She did a microbiology residency at the University of Tennessee from 1991-92 and was board certified in ACVM in 1995 (virology and immunology) and 1997 (bacteriology). Dr. Kennedy is currently the laboratory director of the clinical virology laboratory at the University of Tennessee. She is a member of AVMA, AAZA, AAVLD, and Phi Zeta. Dr. Kennedy is the course coordinator in infectious diseases for 2<sup>nd</sup> year veterinary students, the course coordinator in advanced infectious diseases elective for 3<sup>rd</sup> year veterinary students; and a participant in several team-taught courses for other veterinary and graduate students. Dr. Kennedy has an active research program in viruses of domestic and nondomestic species including coronaviruses of domestic and nondomestic felids, and ophidian paramyxovirus. Much of the the focus of her research has been on improved diagnostic assays.

### ACVM Vision and Challenges

The importance of veterinary microbiology is being increasingly recognized, both in terms of emerging agents and new technology, and expansion of existing knowledge and technology. There are three important facets of microbiology ? research, service, and education. I believe the ACVM has an important role in shaping these areas through the influence and expertise of its members. This organization is an invaluable resource that should be utilized more by the veterinary and medical professions for expertise and information. We should promote the ACVM as an information and collaborative resource to relevant organizations through meetings, workshops, continuing education, and via the Internet. Research collaboration among members should also be facilitated by the ACVM. I also believe that as the technology used in veterinary diagnostic laboratories

advances, the ACVM has a significant role in providing direction and guidance for diagnostic services. There is a real need to standardize assays for infectious disease diagnostics. In our laboratory, we have witnessed the confusion and uncertainty that arises from this lack of standardization among laboratories. The ACVM should take the lead in furthering this endeavor and providing guidelines for its implementation. As many of our members are also educators, I also believe it is important for the ACVM to strive to improve veterinary microbiology education of our veterinary and graduate students. As methods of teaching evolve, the ACVM could assist educators in improving courses by providing access to a variety of resources. These could include authorities on various methodologies such as application-based learning exercises, authorities on usage of new technology for teaching, and material resources for courses including slides and access to the newest information on infectious diseases. The ACVM is an important player in all three areas of microbiology—research, service, and teaching, and should promote its value widely. We should also continue working to improve its capacity as a resource in these areas.

### **David Suarez**

Dr. Suarez received his DVM degree from Auburn University (1988), the PhD degree from Iowa State University (1995), and was board certified in ACVM in virology in 1996 and in immunology in 1998. He was a small animal practitioner in Anniston, Alabama from 1988-1991, an adjunct instructor at Des Moines Area Community College, Boone, IA in 1994, a postdoctoral researcher at Plum Island Foreign Animal Disease Center in Greenport, NY in 1995. He is currently a veterinary medical officer at the Southeast Poultry Research Laboratory (ARS, USDA) and an adjunct instructor for the Department of Medical Microbiology, College of Veterinary Medicine at the University of Georgia. Dr. Suarez is a member of the AVMA, AAAP, CRWAD, and is on the board of reviewers for AJVR. He has 10 peer-reviewed publications, multiple competitive grant awards; several book chapters, and review articles. His current research is on the pathogenesis of avian influenza virus including molecular epidemiology of influenza outbreaks

in poultry and the role of the nonstructural gene in virulence of the virus.

### **ACVM Vision and Challenges**

I am a recent diplomat in ACVM and I am very proud of being board certified in my specialty and of being considered for the Board of Governors. However, the benefits of board certification in ACVM are not as tangible as certain other boards (e.g. ACVP). The lack of these tangible benefits has negatively impacted the ability for this organization to recruit new members to undergo the testing procedure. This stagnant growth in the organization represents a serious threat as the organization ages. Past efforts to provide more tangible benefits of board certification have included efforts to increase the visibility of the organization, and try to include board certification as a selection factor for academic and other research positions. These efforts are important and need to be continued. An additional area that needs to be more actively pursued is the active recruitment of eligible veterinarians to apply for membership. This should include personal visits or contacts by ACVM members, and a general letter of introduction to ACVM including the benefits of ACVM membership. This packet can include instructions for applying, membership lists, and have answers to frequently asked questions. We should target not only veterinarians who have recently become eligible for membership, but also mid-career scientists. While the likelihood for having mid-career scientists applying for membership is low, our organization does have recent examples of this occurring. My own experiences in trying to recruit veterinary scientists to this organization have demonstrated that most potential applicants know little about the organization and what benefits membership can have. I believe that a more directed approach at recruiting members to the organization can help alleviate these concerns.

I appreciate the honor of being nominated to the Board of Governors. In my statement of philosophy, I presented one of my major concerns about this organization and a plan to try to solve it. 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.

## Candidates for Honorary Diplomates

### John R. Cole, Jr.

Dr. Cole earned his BS, MS and PhD degrees from the University of Georgia. He is a professor in the Department of Medical Microbiology, College of Veterinary Medicine, University of Georgia. He has been affiliated with the Veterinary Diagnostic and Investigational Laboratory at Tifton, GA for over 30 years. He investigated actively infectious diseases of swine, cattle, and horses with the objective of improving diagnostic tests and means of treatment and prevention. He served as president of the American Leptospirosis Research Conference and chaired on the Leptospirosis Committee of the US Animal Health Association for several years. He contributed to the book of Dr. G.R. Carter entitled "Procedures in Veterinary Diagnostic Bacteriology and Mycology." He was invited as co-editor for the 5<sup>th</sup> Edition published in 1990. He was selected as a charter member of the subcommittee on Veterinary Antimicrobial Susceptibility Testing of the National Committee of Clinical Laboratory Standards because of his expertise in diagnostic bacteriology. Dr. Cole received the Walter Bernhard Hill Award for distinguished achievements in public service for the University of Georgia in 1993. He advised MS and PhD graduate students, and has published over 60 refereed publications on his diagnostic investigations.

### John F. Timoney

Dr. Timoney received his education through a BS degree at the College of Dublin, Ireland where he also earned a Master of Veterinary Bacteriology, and became a member of the Royal College of Veterinary Surgeons. He received his MS degree from the University of Wisconsin and the PhD degree was conferred in 1969 by the National University of Ireland. Since 1991 Dr. Timoney occupies the endowed chair entitled "Keeneland Professor of Infectious Diseases" at the Gluck Equine Research Center, University of Kentucky, Lexington, KY. Previously he served as professor of Veterinary Bacteriology in the Department of Microbiology, NYS College of Veterinary Medicine at Cornell University. He is known for his role and leadership in the publication of "Hagan and Bruner's Infectious Disease of Domestic Animals" involving the 7<sup>th</sup> and 8<sup>th</sup> edition of this standard textbook in veterinary microbiology. Dr. Timoney's research focused on the pathogenesis, epizootology, molecular biology, and immune responses of the *Streptococcus equi* infection of horses. He similarly explored infections with *Escherichia coli*, *Salmonella typhimurium*, *Salmonella enteritidis*, and *Erysipelothrix rhusiopathiae*. He was recognized for his accomplishments through a senior international fellowship of the John E. Fogarty International Center and the F.K. Ramsey Lectureship at Iowa State University.

**THE OHIO STATE UNIVERSITY  
OHIO AGRICULTURAL RESEARCH AND  
DEVELOPMENT CENTER**

**POSITION ANNOUNCEMENT**

**Position:** Assistant Professor/Veterinary Microbiology. This is a tenure track, eleven month faculty appointment in the Food Animal Health Research Program, Department of Veterinary Preventive Medicine, Ohio Agricultural Research and Development Center, The Ohio State University, Wooster, Ohio.

**Location:** The Food Animal Health Research Program, Department of Veterinary Preventive Medicine, Ohio Agricultural Research and Development Center, The Ohio State University, Wooster, Ohio.

**Responsibilities:** The primary responsibilities are to develop and lead an independent research program on infectious diseases of cattle. Participation in teaching and graduate training programs is also expected. Collaboration with other researchers is expected and is essential. Candidate must be capable of directing a research program leading to scholarly publications and extramural funding.

**Qualifications:** DVM, or equivalent degree, and Ph.D. degrees are required. Certification or eligibility for certification by the American College of Veterinary Microbiologists is expected. Candidates must have comprehensive training in veterinary microbiology including knowledge of current molecular techniques used to investigate pathogens and the mechanisms of their pathogenesis and/or host immune responses. Experience and training related to infectious diseases of cattle is desirable.

**Application deadline:** Review of applications will begin March 15, 1999 and will continue until an acceptable candidate is identified.

**Salary:** Salary is commensurate with qualifications.

**General Information:** The Food Animal Health Research Program at the OARDC has maintained an internationally recognized research program in the areas of enteric and respiratory diseases of food producing animals. The Program has a modern office-laboratory building and animal facilities suitable for the study of infectious diseases. This also includes a laboratory for the procurement and maintenance of germfree animals and a laboratory animal facility. The Research Center maintains herds and flocks of major food producing species of animals for experimental studies. Excellent opportunities are available for collaboration with veterinary, medical and animal scientists on the Wooster and Columbus campuses.

**Application procedure:** Applicants should submit curriculum vitae and names of five references to the Chairperson of the Search Committee:

Dr. Daral J. Jackwood  
Food Animal Health Research Program  
Ohio Agricultural Research and Development Center  
1680 Madison Avenue  
Wooster, OH 44691  
Phone 330-263-3744 FAX 330-263-3677 Email <jackwood.2@osu.edu>

The Ohio State University is an equal opportunity/affirmative action employer and complies with all federal and Ohio state laws regarding affirmative action. Qualified women, minority candidates, Vietnam-era veterans, disabled veterans and individuals with disabilities are encouraged to apply.