

## **NEWSLETTER MARCH 15, 1998**

### **ACVM on the Internet**

Visit our site at <http://cem.vet.utk.edu>

The layout has been revised and includes a field with position announcements, other announcements and advertisements. It contains also meeting minutes, past newsletters, history, goals, directory, directory update form, constitution, bylaws, guide for potential candidates, and application form. One may print all or any part of 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.

If you have moved or have any other changes, please download the directory information form from the Internet and submit it to me with your changes.

Please note that the **Winter Newsletter** was not mailed to members but was posted on our web site.

### **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 six candidates is enclosed also. 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 members in good standing may vote. You may include a check for dues in arrears to ensure counting of your ballot. Honorary members do not vote. Dr. Melissa Kennedy has kindly agreed to serve as the teller.

A personal appeal from the Secretary/ Treasurer: ACVM is best served by electing members of the board of governors that would be active in the organization.

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.

### **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. I am happy to announce that most of our members are paid up. According to tradition, I have enclosed a reminder for those of you who have forgotten to send your check. 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).

### **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).

### **Position Announcements**

Pfizer Central Research, Groton, CT Research Assistant/Associate Animal Health Vaccine Development.

Several opportunities exist for BS/BA and MS/MA degree scientists with training and/or experience in any one or more of the following disciplines: virology, bacteriology, immunology and chemistry. Will develop and validate novel viral and bacterial vaccines by using new technology, robotics, and in vitro assays to determine the clinical effect of the vaccines. These exciting new techniques hope to diminish the time spent on routine procedures and marginalize the need to use in vivo assays to properly develop a product. We are seeing candidates that are excited and willing to come up with creative solutions to problems. Experience with animal health vaccines and knowledge of cell culture, medium optimization, ELISA and FA assays are required. Strong communications skills and the ability to work in a team environment are important. Please forward resumes to Pfizer Central Research, Biologics Development Group, Eastern Point Road, Groton CT 06340. Attention: Greg Nitzel

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

#### **Terry L. Bowersock**

BA in Psychology-Biology (Lawrence University, 1976), DVM (The Ohio State University, 1981), PhD, Comparative and Experimental Medicine, University of Tennessee, 1988. Dairy/mixed practice especially dairy herd health, WI (1981-1984). Postdoctoral fellow with Robert Moore, University of Tennessee (growth factor effects on bovine cells and mucosal immunology in cattle, 1988-89). ACVM (bacteriology - 1989). Awarded first research fellowship by the American Association of Bovine Practitioners (1988). Head of Bacteriology of the Purdue Animal Disease Diagnostic Laboratory, 1989-1991. Department of Veterinary Pathobiology, Purdue University (1991-1996). Senior research scientist, Animal Health Division of Pharmacia and Upjohn (1996 to present); continues research on mucosal vaccines. Student Veterinary Medical Association award for teaching preclinical sciences (Purdue University). Received Honorable Mention for research on orally administered microsphere vaccines in Emerging Science and Technology: Advances in Veterinary Medicine. Pfizer Research Award 1996 at Purdue. Outstanding Research Paper in Agriculture/Veterinary Medicine at the annual meeting of the Controlled Release Society (1997). Chair of ACVM Continuing Education Committee (1997).

Philosophy: I expect ACVM to play an increasingly more important role in veterinary medicine in the near future. Issues concerning the use of nucleic acid and recombinant vectored vaccines, emerging/re-emerging infectious diseases such as morbillivirus, PRRS, *S. typhimurium*, DT104, and *M. paratuberculosis* will require accurate, informed scientific input to develop global strategies to address these issues that can best be addressed by ACVM members. These issues have enormous political as well as scientific impact and ACVM should strive to educate the veterinary profession, producers, and general public as well as regulatory agencies on the science regarding these issues. This is important to assure the implementation of policies that protect consumers, the general public health, as well as animal health and well being. The importance of infectious diseases and their control have not been so visible for many years. With experience in clinical medicine, diagnostic medicine, professional and graduate education, and now industry, I can contribute to the effort of ACVM to provide well trained professionals to attack these issues by remaining active on many graduate student committees and providing high quality post-doctoral training opportunities. The time is ripe for industry to work more closely with research programs to provide a broader based training to better prepare graduate students for jobs in industry, government (regulatory), and industry and I hope to help build bridges in this regard. As chair of the Continuing Education Committee I can draw from my experience in academia and industry to do my part to provide timely, excellent programs for the scientific and professional clinical communities. I certainly hope the topics for AVMA especially can attract more and more practitioners as the past meeting did. I have striven to increase the visibility of ACVM in graduate students while at Purdue and hopefully will be able to reach out to students at other institutions as well as to increase membership in ACVM. The members are well respected by academia and industry and I would like to see the influence grow.

### **Scott A. Dee**

DVM, MS, and PhD from the University of Minnesota in 1987, 1985, and 1996. Board certified in ACVM, 1993, in bacteriology and mycology. Member of AVMA, MNVMA, AASP, and CRWAD. Dr. Dee is a swine practitioner at Swine Health Center in Morris, MN and is a consultant in 30 U.S. states and 15 countries.

Philosophy: I foresee the college playing a major role in assisting veterinary organizations in determining the etiology and mechanisms of emerging disease problems which threaten our livestock industries now and in the future. The emergence of porcine reproductive and respiratory syndrome virus is a prime example of the need for a closer working relationship of the ACVM and organizations such as the AASP. As a representative of the ACVM, I would strive to promote the resources of our group in an effort to incorporate the skills and leadership of our members in an effort to bring scientific solutions to field based problems. I would be willing to represent the ACVM and meet with leaders of the respective veterinary groups in an effort to promote the advantages of the college and propose the establishing of emerging disease advisory boards@ with action plans in place in anticipation of impending problems.

### **Inge S. Ericks**

DVM, Michigan State University (1980), PhD from Washington State University (1992). Seven years in mixed animal practice, working predominantly with dairy cattle and small animals. Assistant professor, Department of Veterinary Microbiology and Pathology, Washington State University. ACVM diplomate in bacteriology and mycology (1992). Course director for the second year veterinary bacteriology class and participant in several of team-taught courses. Has won several teaching awards. Involved in training of the veterinary microbiology graduate students. Focus of current research is on mechanisms of mycobacterial persistence and development of improved diagnostic assays for mycobacterial species of relevance to animals.

Philosophy: I believe that the field of veterinary microbiology is currently in a state of flux, and that as members of the ACVM we must take a leadership role in defining a vision that will incorporate these changes. With the onset of sophisticated molecular biological technology, many traditional microbacteriological techniques will eventually become obsolete. As leaders in the field, it is up to us to define how new microbiological tools can best tie in with existing technologies in diagnostic laboratories. We should be at the forefront of utilizing advanced technology currently available. For example, a great deal of communication and interaction could be accomplished by using computer technology. We should consider developing interactive Internet sites by which messages and new information could be easily and efficiently conveyed. This includes updates on new diagnostics, updates on emerging and re-emerging infectious diseases, information on continuing education and meetings, and sharing of teaching strategies and information. Additionally, information exchange via computers could help overcome the awkward inconvenience and expense of having to arrange from some of the college meetings at different conventions. This could allow for a much more dynamic up-to-date organization.

### **Brad W. Fenwick**

DVM, Kansas State University (1981), MS, veterinary pathology, Kansas State University (1983), PhD, comparative pathology, University of California, Davis (1985). ACVM (immunology - 1988). Professor of Pathobiology, Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine Kansas State University. Faculty, University of Florida and a senior faculty fellow, Office of Naval Research, Naval Oceans System Center (1988). Specializes in the immunology and pathogenesis of infectious diseases of domestic and wild animals. Recognized for expertise in *Actinobacillus pleuropneumoniae* and immunology

of marine mammals. Has an active research program involving *Moraxella bovis*, canine *Bordetella bronchiseptica*, and cutaneous and renal glomerular vasculopathy of greyhounds. Has two patents pending, over 60 refereed publications, over 30 invited publications, 9 lay publications, several book chapters, numerous abstracts and invited presentations, and over \$3 million in competitive research funding. Has served on the Boards of Scientific Reviewers for the AJVR and Diseases of Aquatic Animals. Has been a panel member for USDA-Animal Health Special Grants Program, USDA-Small Business Innovative Research Grants Program, and USDA-National Research Initiative Competitive Grants Program-Animal Health Section. Has received a number of awards including Outstanding Young Men of America, Beecham Award for Research, Phi Zeta National Research Award, C.L. Davis Award in Veterinary Pathology, and distinguished visitors award from the Pig Research and Development Corporation and the Australian Department of Primary Industries. Member of Phi Zeta, Phi Kappa Sigma Xi, as well as several professional and research associations. Dr. Fenwick teaches renal, respiratory, cardiovascular, and special senses pathology, and has taught veterinary immunology. His laboratory serves as a national reference for the identification and genetic analysis of several bacteria as well as provides diagnostic assistance through serologic testing. In addition to his academic duties, he has been assistant department head, associate dean of the Graduate School, chair of the pathobiology graduate program, and president of the Faculty Senate.

Philosophy: It is an honor for me to be considered as a candidate. The principles and efforts of the College are important to me, and if given the opportunity, I will strive to promote and strengthen the College. Not long ago, a select group of what could be considered a group of relatively poorly informed scientists and government officials declared a premature victory over infectious diseases. The result was the reallocation of large amounts of available research resources to the study of neoplastic and degenerative diseases. Regrettably, in recent years the importance of infectious diseases has been demonstrated repeatedly throughout the world. In addition, many of the promises of the biotechnology revolution have not been fully realized as most of the important infectious diseases of the past continue to be of equal or greater importance today. In a time when the importance of infectious diseases and immunology has been rediscovered, there is an opportunity as well as a responsibility for the ACVM to take on an even more prominent role. ACVM should continue its efforts to promote good science and the involvement of the veterinary profession. I feel veterinarians, particularly the members of the ACVM, are often an under-appreciated resource in the control and prevention of infectious diseases. The training, backgrounds, and experience its members make the ACVM organization particularly well qualified to make meaningful contributions. The ACVM should be the go-to organization when questions related to infectious diseases and immune function requires expert answers. Perhaps one of the most significant for the ACVM as well as many of the other specialties is new membership. During the past few years, the AVMA has placed increasing emphasis on the relatively low salaries of veterinarians in private practice. While there is no question that many practitioners are paid less than what should reasonably be expected for their training, the problem of stipends for veterinarians in advanced training programs is much worse. I believe there is a silent crisis in graduate/advanced training of veterinarians, which in large part is based on economics. Stipends in many training programs have not increased in over 10 years while the costs of tuition, books, and supplies, as well as the cost of living have more than doubled. Regrettably, many of the positions once held by veterinarians are now given to Ph.D.'s or technicians who lack the comprehensive biomedical training. We can do better in promoting the special qualifications of veterinarians with advanced training and the national need for advanced training programs. Perhaps the ACVM can join with other colleges and the AVMA Council on Research to conduct a comprehensive study of advanced training programs for veterinarians. There are a number of challenges ahead for the ACVM, but there are also many opportunities. I welcome the change to do all that I can to promote and improve the College for its members and the veterinary profession.

**Masukazu Matsumoto**

DVM, University of Hokkaido, Japan, 1964, MS, University of Hawaii (1966), PhD, University of California, Davis (1972). ACVM (1978). Postdoctoral fellow, Purdue University (1972-73); Professor, College of Veterinary Medicine, Oregon State University (1975 – present). Specializes in avian diseases; pasteurella infections, and respiratory diseases. Current research is immunosuppression in broiler chickens and infectious coryza in chickens. Microbiologist, USDA at Plum Island Animal Disease Laboratory, NY (1973-75).

Philosophy: It is very important to maintain integrity of the ACVM and to improve continuously the scope and depth of our activities at a time when many departments of microbiology are integrated or absorbed into other disciplines. Our educational activities must reflect members= needs to update and expand their knowledge and skills in veterinary microbiology. Seminars and workshops should be held continuously for members and other veterinary communities in a timely manner. We should rethink the plan to publish a textbook manual for teaching veterinary microbiology to professional students. We should be involved in graduate education, possibly using a network system. Our member directory should be changed into a useful resource database rather listing of names and phone numbers

### **P. Gopal Reddy**

BVSc (1967), MS (1971), PhD, Kansas State University (1986). ACVM (1992). Professor, Department of Pathobiology, College of Veterinary Medicine, Tuskegee University. Active in ACVM and has attended all the ACVM meetings held in conjunction with CRWAD and the AVMA annual meetings since 1992. Served on the Examination Committee since 1993 and as a reviewer of the immunology portion of the Part I and Part II (Chair =96) examinations. Has served on the Graduate Student Awards Committee and currently a member of the Continuing Education Committee. Member of the AVMA, AAVI, CRWAD, Phi Zeta, and Sigma Xi. Has received numerous research awards including outstanding graduate student award (KSU =86), Beecham Award for Excellence in Research (KSU =89), and MERCK-AG VET Award for innovation in teaching (Tuskegee =95). Invited speaker at Beijing Agricultural University, the National Veterinary Research Laboratory in Beijing China, the TNO Biotechnology and Chemistry Institute in the Netherlands and the Agricultural University in India. Has 35 peer-reviewed manuscripts, 1 book chapter, and 40 presentations at professional meetings to his credit. Two of his graduate students have received first place awards at the CRWAD meetings. Has served as a major professor for eight graduate students the last 6 years, all veterinarians. Currently funded by USDA, NIH, and US AID. Recipient of a USDA grant to strengthen teaching of immunology to veterinary and graduate students.

Philosophy: If elected to the ACVM Board of Governors, I would strive to increase the number of applicants who take the examinations, impress upon the heads of veterinary microbiology departments and the deans of the colleges of veterinary medicine of the importance of hiring people with veterinary medical degrees for all microbiology faculty positions, and emphasize the need to teach microbiology (infectious diseases) and immunology (clinical) in a clinical setting and in an applied manner that is relevant to the needs of veterinarians in clinical practice. Dr. Reddy would continue his efforts in furthering educational and scientific progress in the specialty of veterinary microbiology.

### **Candidates for Honorary Diplomates**

#### **Carlton L. Gyles**

DVM, Ontario Veterinary College, MS, PhD, bacteriology (University of Guelph). Has gained international reputation for pioneering and original investigations on bacterial enteropathogenic mechanisms and on properties of enteropathogenic *E. coli* and other bacteria. His creativity and success is reflected in his impressive list of publications. Has published four books and has numerous book chapters in textbooks. His

publications appeared in the Canadian Journal of Veterinary Research, Canadian Journal of Microbiology, Journal of Infectious Diseases, Avian Diseases, and the Journal of Experimental Medicine to list a few. His research program on enteric bacterial pathogenesis was supported through national funding agencies. He contributed to scores of national international conferences and symposia. Involved in teaching veterinary microbiology and graduate courses. Received the Beecham Award for Excellence in Research at the Ontario Veterinary College. Member of scientific advisory boards and serves on the editorial board of four important veterinary microbiology journals.

### **Lorraine J. Hoffman**

BA, biology, Whatburg College, MS, PhD, bacteriology, Iowa State University. Extraordinary record of accomplishments in diagnostic microbiology and a strong commitment to teaching. Responsibilities include supervision of the bacteriology section, management of diagnostic cases, the development of new diagnostic tests. Research emphasis on reproductive, respiratory, and enteric diseases. She published numerous articles in American Journal for Veterinary Research, Avian Diseases, Journal of Clinical Microbiology, and a frequent contributor to the programs of the Conference of Research Workers in Animal Diseases. Has been a reviewer for the Journal of Veterinary Diagnostic Investigation and the American Journal of Veterinary Research. Received the Woman=s History Award from the USDA National Veterinary Services Laboratory, the Outstanding Advisor Award from the ISU College of Veterinary Medicine, a Faculty Citation from the ISU Alumni Association, and Outstanding Service Award from the ISU Veterinary Medical Alumni Association. Has been recognized as the Outstanding Young Woman in America (1978).

### **David L. Huxoll**

BS, DVM, University of Illinois, PhD, microbiology, University of Notre Dame. Served as Dean, LSU School of Veterinary Medicine since 1995 and Associate Dean for Research and Advanced Studies (1990-95). Pioneered research on canine pancytopenia or ehrlichiosis, viral infections of dogs, and on other infections that are of importance in public health. Has published in the Journal of Infectious Diseases, Infection and Immunity, American Journal of Veterinary Research, Nature, Veterinary Record, Journal of Wildlife Diseases, and other journals. Recognized internationally for outstanding leadership in the U.S. Veterinary Corps, (U.S. Army Medical Institute for Infectious Diseases, the U.S. Army Medical Research and Development Command in Frederick MD, and the U.S. Army Medical Research Unit in the Malaysia Institute for Medical Research in Kuala Lumpur, Malaysia). Has served as senior scientist on the first and second United Nations Special Commission on Biological Weapon Inspection in Iraq. The Secretary of Defense to the Advisory Committee for Biological Warfare Defense and Counter terrorism recently appointed him. Has received the Bronze Star for service in Vietnam through the Department of the Army, the Legion of Merit, and the James A, McCullen Award from the Association of Military Surgeons of the U.S. He received the Distinguished Service Medal, the highest civilian award from the Department of the Army. Actively involved in several professional organizations where he functions in positions of leadership.