

AAAP Fall Newsletter

September 1994

Something new and exciting in your life? Send news tidbits to the Business Office for publication in the Newsletter.



AWARD WINNERS

Congratulations to all award winners!

Dr. H. John Barnes
Special Service Award

Dr. Richard Julian
Upjohn Achievement Award

Dr. Hiram Lasher
C.A. Bottorff Award

Dr. Larry Bacon
P.P. Levine Award

Dr. Peter Holt
Glenn Snoeyenbos New Investigator
Award

Dr. M. Suresh
Ms. Holly Dressman
Reed Rumsey Student Award

Dr. Monte Frazier
Dr. Dwight Schwartz
Life Membership

Dr. Dave Fernandez
Dr. Rick Rimler
Poster Awards



DON'T FORGET TO KEEP YOUR 1994/95 COMMITTEE LIST WHICH IS ATTACHED TO THE END OF THE NEWSLETTER. YOU MAY WANT TO PUT IT WITH YOUR DIRECTORY FOR EASY ACCESS.

PLEASE DIRECT ANY CORRECTIONS TO THE ANNUAL MEETING MINUTES TO DR. ECKROADE IN THE BUSINESS OFFICE.

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A Sad Note

Dr. E.S. Bryant passed away on June 12, 1994 after a brief illness. Dr. Bryant was a professor and extension veterinarian for 24 years at the University of Connecticut. After retiring in 1992 he remained active as a private poultry veterinarian throughout New England. Dr. Bryant was born in Belfast, Maine on May 8, 1930. He received a Bachelor of Science degree from the University of Maine and his doctor of veterinary medicine degree from Cornell in 1964. Dr. Bryant specialized in Avian Medicine and Pathology, and conducted extensive research in poultry diseases. He published many journal articles regarding his research in diseases of poultry and pet birds. He was an editor of the "New England Poultry Letter" for many years. Dr. Bryant was a well known speaker and was Chairman of the New England Poultry Health conference from its inception until 1992. He was one of the first to recognize the need to protect the New England region from Avian Influenza in 1986 and Salmonella in the 1990's. Under his leadership, preventive programs were developed and the New England poultry industry was spared catastrophic economic losses from Avian Influenza and *Salmonella enteritidis*. He received many honors and awards throughout his career. He is survived by his wife Lucille, two sons, a daughter and five grandchildren. Memorial contributions may be made to the AAAP Foundation, the Storrs Congregational Church Memorial Fund, Storrs, CT 06268 or to a charity of the donor's choice.

A Message from the President

The AAAP annual meeting held this past July in San Francisco again demonstrated the wide range of activity and member participation of our organization. I appreciate Dave Halvorson's leadership this past year. Thanks Dave! Bob Eckroade Works hard every day on our behalf. We know you are there Bob and thank you. The secret of good administration is in having an excellent support staff. AAAP benefits from Kim Sprout's efforts. Thanks, Kim.

AAAP members participate through service on committees and in interest groups. Most of the committee and interest group chairpersons have been named and formally asked to serve. I want to thank each of the chairs and the participating AAAP members for this service to AAAP and to the industry that we serve. Please let me know if you have questions or issues of concern. The AAAP office is available and willing to help you. The Newsletter will help keep you informed about issues and activities. Members of the Board are available and willing to help address issues also.

It is an honor to serve AAAP as President. I look forward to working with Bob, Kim, and the members of our board on behalf of the entire membership. Again, please let me know if I can be of help. Working together, we can continue the AAAP tradition.

A thank you from the Scientific Program Committee - Oscar Fletcher and Don Waldrip

We are using this issue of the Newsletter to express our thanks to all of the participants for the 1994 Scientific Program. We appreciate the response by the oral paper and poster presenters. You were patient with us as we considered your requests, shifted many of you from oral to poster, and asked you for a lot of information early in the planning year. We thank you for your efforts in making the program successful.

No program is complete without an attentive and receptive audience. Attendance was good in all sessions - especially when compared with some of the other sessions at AVMA. We thank those who attended and participated as members of the audience. We thank also all of you who contacted AVMA delegates and executive board members regarding our "treatment" at AVMA annual meetings. AVMA staff were responsive to our needs. The AVMA elected officials were most helpful and we

ask that you thank them.

Soon, probably around the end of October, we will call for papers for the 1995 meeting. This meeting will be held July 8-13, 1995 in Pittsburgh, PA. Facilities should be excellent for AAAP. We have been assigned to the Vista Hotel

which is adjacent to the convention center. All of our scientific program, oral papers and posters, will be in the Vista Hotel. Watch for the call for papers and continue to respond as you have in past years. We will again be grateful.

ACPV

The Certification Examination for the American College of Poultry Veterinarians will be held on Saturday, July 8, 1995 preceding the Annual Meeting of the American Veterinary Medical Association and the American Association of Avian Pathologists in Pittsburgh, Pennsylvania. The examination will be given in **English only** in 3 parts consisting of photographic slides, multiple choice questions and a written practical examination.

The final date for submission of the completed application forms for the 1995 examination will be November 1, 1994. Additional information and application forms are available from: Dr. J. Kirk Skeeles, Secretary-Treasurer ACPV, PO Box 1227, Fayetteville, AR 72701

Certifying Exam



FROM THE DESK OF DAVID ANDERSON

I thank you all for the privilege of serving as Editor of AVIAN DISEASES for the past 20 years. It has been a satisfying and rewarding experience resulting in many new friendships and personal acquaintances. I appreciate your thoughtfulness in presenting me with a Craftsman tool chest and cabinet during the annual meeting in San Francisco (fortunately it was delivered to Athens).

My wife, Gale, and I have enjoyed working with the Editorial Board members and the authors over the years. The cooperation spirit among the AAAP membership has been the background support for a strong journal. We now have an excellent new editor and I know you will show him the same support you have given me.

Thank you for your consideration.

NOW AVAILABLE

SLIDE STUDY SETS

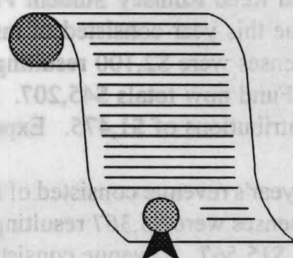
**FOWL
CHOLERA**

**REVISED
INFECTIOUS
BURSAL
DISEASE**

**REVISED
VIRAL
ARTHRITIS**

FDA Citation Awarded to Dr. Richard McCapes

Dr. Richard McCapes, DVM, was presented with the Food and Drug Administration Commissioner's Special Citation at the FDA Awards Ceremony in Maryland on May 27. He was selected for special recognition of his accomplishments and the invaluable assistance he has provided to the FDA on issues that impact the well-being of the public. Dr. McCapes was honored for outstanding contributions as a clinician, teacher, researcher, administrator and advisor on salmonella in feed, public health and avian veterinary medicine. An internationally recognized expert in the area of clinical poultry medicine, Dr. McCapes has been at the University of California, Davis, School of Veterinary Medicine since 1970. He served as AAAP president in 1978, was elected into the National Academy of Practice as a Distinguished Practitioner in Veterinary Medicine in 1990 and is a member of the USDA Secretary's Advisory Committee on Foreign Animal and Poultry Diseases.



World Veterinary Congress - To be held in Yokohama, Japan on September 3-9, 1995. There will be a Symposium session entitled: recent advances in research of bacterial, viral and parasitic infections in birds. For information, contact Prof. E.F. Kaleta, Institut für Geflügelkrankheiten, Justus-Liebig-Universität Giessen, Frankfurter Strabe 87, D 35392 Giessen, Germany. Phone 49-641-702-4865. Fax 49-641-201548.

37th Annual Report (Year ended April 30, 1994)

The American Association of Avian Pathologists enters its 38th year with a total membership of 993 (803 domestic and 190 international). 893 (731 domestic and 162 international) of the 993 members have paid their 1994 dues or are life or retired members and are exempt from paying dues. The membership consists of 648 members, 212 associate members, 84 retired members, 20 life members, 17 student members and 12 international associate members.

Subscriptions to *Avian Diseases* were up from last year with an average of 1900 copies printed per issue for volume 37 (volume 36 averaged 1835 copies per issue).

In the 1993-94 audit for AAAP business transactions prepared by Robert Capone, CPA of Elko, Fischer, McCabe and Rudman of Media, PA the following items were particularly noteworthy.

Unrestricted fund revenues were up from last year and totaled \$268,590 for fiscal year 1993-94 as compared with \$228,070 last year. Revenue generated by *Avian Diseases* totaled \$175,011 as compared with \$149,920 last year. Sales of educational materials were up slightly this year, totalling \$34,302 compared with \$32,786 last year.

The sales volume for the third edition of the *Avian Disease Manual* was up \$188 with a year

to date total sales of \$13,309. The sales volume for *A Laboratory Manual for the Isolation and Identification of Avian Pathogens* was up \$1,341 bringing the sales for 1993-94 to \$5,655. The sales of *Avian Histopathology* were also up with a year to date sales total of \$3,751. Sales of the slide study sets decreased \$1,830 for a year to date total of \$8,065. Sales of the *Marek's, Salmonella Symposia* and *Chlamydiosis* Manuals were up slightly from last year. Sales of the *Spanish Avian Disease* manuals were down slightly from last year. Sales of the *USDA Biosecurity*

Video were up \$720 to \$1,100. Royalties from *Diseases of Poultry* were up \$4,384 to \$10,673. Interest income was up \$197 to \$4,583.

Unrestricted fund disbursements were \$230,567 (in 1992/93 they were \$247,333) resulting in a gain of \$38,023 for the year.

The financial status of the AAAP is sound. Our reserves increased this past year due to the changes made in dues and subscription charges. We must continue to watch the annual changes in our reserves.

5th Annual Foundation Report

The Preceptorship committee reviewed 8 applications this year.

Six applicants were awarded financial aide up to \$800.00.

The 1993-94 audit of the AAAP Foundation, Inc. was prepared by Robert Capone, CPA of Elko, Fischer, McCabe and Rudman of Media, PA. A copy has been sent to the audit committee of AAAP and is included in the agenda materials given to the Board of Directors.

Restricted accounts include the C.A. Bottorff and Reed Rumsey Student Funds. The C.A. Bottorff fund now totals \$43,602. Revenue this year consisted of interest income of \$2,313 and contributions of \$2,941. Expenses were \$2,100 resulting in a net increase of \$3,154. The Reed Rumsey Student Fund now totals \$45,207. Revenue consisted of interest income of \$2,104 and contributions of \$1,475. Expenses were \$3,121 resulting in a net increase of \$458.

The preceptorship fund now totals \$57,256. This year's revenue consisted of interest income of \$2,709 and contributions of \$825. Expenses were \$5,367 resulting in a net loss of \$1,833. The "unrestricted" account totals \$15,567. Revenue consisted of \$258 in interest income and \$8,010 in contributions. Expenses were \$3,645 resulting in a net increase of \$4,623.

The total fund balance for AAAP foundation is \$161,632.

The Foundation also sent educational material to developing countries. This consisted of 3 *AVIAN DISEASES* subscriptions, 7 copies of *AVIAN DISEASES* 37-1, 6 second editions of *ISOLATION AND IDENTIFICATION OF AVIAN PATHOGENS*, 15 third editions of *ISOLATION AND IDENTIFICATION OF AVIAN PATHOGENS*, 24 *AVIAN DISEASE MANUALS*, 15 *AVIAN HISTOPATHOLOGY MANUALS*, 15 *CHLAMYDIOSIS MANUALS*, 2 *SALMONELLA SYMPOSIUM MANUAL*, 1 *MAREK'S SYMPOSIUM MANUAL*, 1 Slide study set #4 and 1 complete set of slide study sets. The Foundation also sent a donated set of Journals. The material has gone to Albania, Iraq, Philippines, Pakistan, Algeria, Morocco and India.

1994 COMMITTEE REPORTS

Report of the Tumor Viruses Committee Meeting - July 11, 1994 John Donahoe, Chair

The new policies of the AAAP Board as they relate to the Committee were reviewed. The Committee is a special interest group and, as such, must attend to its own needs regarding membership and communication. The Committee agreed to use the newsletter to seek interested participation and membership. The Committee is to elect Committee Chairs.

The following is a discussion of roundtable topics agreed to by the membership prior to the meeting.

REV This topic was chosen because of rising concern about the spread of reticuloendotheliosis virus (REV) by various means, including vaccine contamination. Israel and Australia are examples of countries with regulations attempting to exclude or reduce RE virus and who ban the importation of RE virus and REV - positive birds. A discussion of detection methods ensued. Biologics companies present are using a variety of techniques to test their master seed stocks for REV. Concern was expressed that the COFAR was not the most sensitive test but other methods are not yet accepted by all in the community as superior. Dr. Eugene Smith of East Lansing has a PCR method worked out but it has not yet been fully evaluated. Enzyme immunoassays have been shown more sensitive and specific than other published methods. Vaccine companies should standardize detection methods. The recently isolated REV was hard to detect. Extraneous pathogenicity (EP) tests would have to have been held at least 21 days to find this REV. That, of course, would result in embryos hatching prior to the test completion.

Dr. Fadly reported that the wing stab and injection methods of vaccination have spread REV in the past. The U.S.



The 44th Western Poultry Disease Conference will be held March 5, 6 & 7, 1995 at the Capitol Plaza Holiday Jnn, Sacramento, California

For more information, please contact Dr. Arnold Rosenwald, Vet Extension, University of California, Davis, CA 95616. Phone 916-753-2563; FAX 916-752-7563. The call for papers should arrive shortly and will contain more information.

outbreak was in fowl pox vaccine. A prior outbreak in Japan was due to presence of REV in Marek's vaccine. A question was raised as to how breeders can keep birds REV antibody negative. This is hard to do, especially in regions like the south, where mosquitos are prevalent and horizontal spread is common.

MDV Possible changes in the Marek's disease (MD) pathogenic spectrum were discussed. Presence of very virulent MD virus (VVMDV) strains has been demonstrated on the Eastern Shore. Some of these strains may not differ much from classic MDV. The committee agreed that it was not yet possible to determine if vaccine variation and environmental load variations are more the cause of some current field problems than MDV pathotype variation.

A discussion of the genetics of vaccinal immunity to MDV followed based on recent and past work of Drs. Bacon, Spencer and others. For example, it was discussed that different haplotype Chicken lines are better protected by 301B/1 vaccine versus others which don't show much difference. B2B5 haplotypes respond well to serotype II vaccine. Without a complete knowledge of haplotypes in a given primary breed line, one can check a given vaccine strain in a pedigree line

of birds versus other strains of vaccine. It may be possible to observe differences. Findings in this area are considered by the researchers as being quite preliminary but can lead to expanded areas of future research. For example, molecular haplotyping may be a future tool for use by breeders.

ALV Retroviruses in heavy breeders were discussed. Myelomatosis is seen in Europe with "subtype J" and this has created concern. There may be some benefits to elimination of avian leukosis virus (ALV) but data on this subject is not yet published. There may be some novel subgroups. Some heavy breeders want to eradicate exogenous ALV.

As it's final item of business, the Committee elected Dr. Aly Fadly as it's next Chair by unanimous acclaim. *All persons with an interest in receiving communications from the Tumor Viruses Committee and being part of Committee activities, please apply to Dr. Fadly for consideration to be included on Committee mailings.* Dr. Fadly can be reached at :
Dr. Aly M. Fadly
USDA, ARS, Avian Dis & Oncol Lab
3606 East Mount Hope Road
East Lansing, MI 48823
517-337-6828 Phone
517-337-6776 Fax

1994 COMMITTEE REPORTS CONT.

Report of the Respiratory Diseases Committee Meeting - July 9, 1994

Frederic Hoerr, Chair

The AAAP Respiratory Diseases Committee met at the ANA Hotel, San Francisco, CA at 7:00 pm on Saturday, July 9. Eighteen committee members and guests were present.

Dr. Otis Miller reported on changes approved for the National Poultry Improvement Plan at the recently concluded biennial conference. The changes will officially take effect when published in the Federal Register.

Dr. Jim Pearson reported on the current situation of avian influenza (AI) in Mexico and on characterization studies of AI virus isolates conducted at NVSL. The committee approved by general consent a recommendation to AAAP members to heighten biosecurity practices, especially among consultants and poultry company personnel traveling between the U.S. and Mexico.

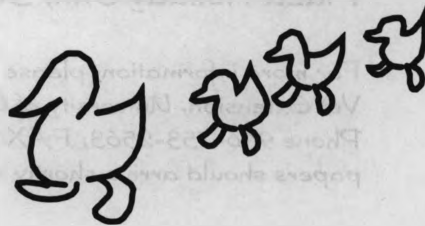
Dr. Dan Domingo reported on an outbreak of infectious coryza in broiler breeders in trinidad involving *H. paragallinarum* type C. Dr. Fred Hoerr reported on infectious coryza in broilers in Alabama involving *H. paragallinarum* type A.

Dr. Lloyd Lauerman presented a case report on the effectiveness of the polymerase chain reaction (PCR) in the detection of *Mycoplasma gallisepticum* infection in broiler breeders.

The committee was directed by the AAAP president to recommend a chairman for 1994-95. By general consent, the committee adopted a recommendation that the current chairman continue in that capacity. by the same manner, the members also supported the current practice of having committee membership open to all interested AAAP members.

On July 10, 1994, the committee sponsored a AAAP symposium, "Respiratory Diseases of Broilers and Turkeys" at the convention center.

Fifteen oral presentations were given and accompanied by program notes. The committee expresses thanks and appreciation to the AAAP and the AVMA for support of the symposium.



AAAP Liaison Committee Meeting Report - July 11, 1994

Peter Poss, Chair

The Liaison Committee met in San Francisco on July 11, 1994 and took up two agenda items and a discussion on drug availability. Harold Zweighaft our AVMA Liaison member did not attend. All other members were present with the exception of Oscar Fletcher who had another commitment but gave us his input prior to the meeting.

AVMA meeting accommodations this year were considered to be excellent and a pleasant reversal of past inadequacies. The positive change was

the result of many personal AAAP contacts with AVMA representatives and particularly a letter to AVMA President Leon Russell that was written in September of 1993. The letter was from President Halvorson, Secretary Treasurer Eckroade and President Elect Fletcher and detailed the serious situation that had developed with a request for consideration. We are appreciative of the response and thank President Russell for his efforts on our behalf.

The committee recognizes the need and recommends that we have an ongoing commitment to future personal contacts with the incoming leadership in AVMA to maintain priority for our association and our meeting accommodations. The committee would also like to see an AVMA staff person appointed as a second AVMA representative on our committee.

The membership survey which was conducted this past winter was reviewed as it pertains to our annual meeting and our relationship with AVMA. It indicates a strong interest in continuing our annual meeting in conjunction with the AVMA annual meeting.

16th Annual Meeting of the Southern Poultry Science Society will be held in Atlanta, Georgia on January 16-17, 1995 preceding the Southeastern Poultry & Egg Association International Poultry Exposition at the Georgia World Congress Center. The Southern Poultry Science Society (SPSS) will have a call for papers (oral communications and poster presentations) around October 1, 1994 with an abstract due date around November 15, 1994. SPSS is seeking participation of Poultry Veterinarians and Pathologists, who may be associated with Poultry and Allied Industries and those with Governmental and Academic affiliations as well. The SPSS offers specialized scientific sessions covering such diverse subjects as Pathology, Genetics, Physiology, Immunology, Environment & Management, Nutrition, Processing & Products, Extension, and Marketing. Presentations are of high quality and are divided between applied and basic research topics of current and long-term interest to the Poultry Industry. The SPSS Annual Meeting is the ideal Winter meeting for Poultry Veterinarians and Pathologists planning to attend the SEPEA International Poultry Exposition. Continuing Education Credits and Certificates are available at the meeting for those attending the SPSS scientific program. For further information and to request a Call for Papers announcement, contact the SPSS executive Secretary, Dr. Leo S. Jensen, Dept of Poultry Science, Livestock-Poultry Building. The University of Georgia, Athens, GA 30602. Phone 706-542-1346; Fax 706-542-1827.

1994 COMMITTEE REPORTS CONT.

Drug availability and the AVMA legislative initiative for extra-label use was discussed and is an important issue for our members. We need to voice our concern to AVMA that drug availability has an equal or higher priority than prescriptions with the poultry industry and that AVMA needs to work with the poultry and drug industries in their legislative work. The poultry industry needs more new drugs cleared for use and would like to see the use of drugs in the feed facilitated. The chair will carry the message to the upcoming AVMA Legislative Session on July 12, 1994.

ANNOUNCEMENT

The American College of Poultry Veterinarians is planning a Continuing Education Workshop/Seminar on Infectious Bronchitis (IB) to be held Saturday March 4, 1995 at the facilities of the California Veterinary Diagnostic Laboratory System - Davis Central Reference Laboratory at the University of California, Davis.

This workshop/seminar is being organized primarily for field veterinarians. The instructors will be acknowledged authorities in the field of IBV. The tentative topics to be discussed include

INTRODUCTION

Properties of the Virus
Serotypes and Variants
Epidemiology
Current Concerns

CASE REPORTS

Layer & broiler breeder
Commercial layer
Broilers

SEROLOGICAL DIAGNOSIS

Sample Collection
Hemagglutination inhibition (HI)
ELISA
COMMERCIAL KITS

VIROLOGICAL DIAGNOSIS

Sample collection, Embryo isolation
Virus neutralization, Monoclonal antibodies, Immunofluorescence, Serotyping, PCR

SENTINEL BIRDS AND SAMPLING

INTERPRETATION OF RESULTS
VACCINE TYPES - PROTECTION
VACCINE PROGRAMS
Layer and broiler breeders
Commercial layers, Broilers

GRADUATE RESEARCH FELLOWSHIPS

The Department of Animal Science & Agricultural biochemistry announces **Graduate Research Fellowships** for highly motivated students eager to pursue the PhD in the areas of avian infectious diseases, physiology, and nutrition. The Department of Animal Science & Agricultural Biochemistry is a leader in research, service and graduate educational programs in poultry. Research utilizes conventional and molecular approaches in the areas of virology, gene function and regulation, immunology, pathology, endocrinology, growth physiology, and nutrition. Each Research Fellow is awarded a stipend of \$15,000 per year plus tuition paid by the College of Agricultural Sciences. To be considered for a fellowship, applicants must have a minimum GPA of 3.5 (scale of 4.0); a recommended combined verbal and quantitative GRE score of 1300; and excellent letters of recommendation. Applicants must submit a statement of research interests and personal goals. Finalists will be asked to visit the campus for an interview. Applications must be received by **Dec. 31, 1994**. For further information, please contact Dr. Jack Gelb, Jr., Graduate Committee Chairperson, Department of Animal Science & Agricultural Biochemistry, University of Delaware, Newark, DE 19717-1303. Phone: 302-831-2524, Fax: 302-831-8177.

The University of Delaware is an Equal Opportunity/Affirmative Action Employer

At the end of the day, all participants and instructors will be invited to take part in a round table discussion, to review case reports and all aspects of the workshop/seminar. There will be a limited minimum and maximum enrollment. Registration will be on a first come, first serve basis. At the present time, we would like to hear ASAP from people wishing to attend this workshop/seminar and would welcome their comments on concerns and interests related to IB. Please contact: Dr. Hugo Medina, Foster Farms, PO Box 929, Turlock, CA 95381. Phone 209-668-6679. Fax 209-668-6628. OR Dr. Peter Woolcock/Dr. Richard Chin, CVDLS - Fresno Branch, 2789 S. Orange Ave, Fresno, CA 93725. Phone 209-498-7740. Fax 209-485-8097.

**The Refreshments for the
1994 AVMA/AAAP
Meeting were Provided
through the Generosity of
the Following Companies**

American Cyanamid Company
Arbor Acres Farm, Inc
Avian Farms
Biomune
British United Turkeys of America
DeKalb Poultry Research, Inc
Elanco Animal Hlth, Lilly Res Lab
Hoechst-Roussel Agri-Vet Co
Hubbard Farms
Hudson Foods
Hy-Line International
Hy-Vac Laboratory Eggs
I.D. Russell Company Labs
IDEXX Laboratories, Inc
Intervet, Inc
KPL
Maine Biological Laboratories
Nicholas Turkey Breeding Farms
Perdue Farms
Pfizer, Inc
Ross Breeders, Inc
Sanofi Animal Health
Select Laboratories
Schering-Plough Animal Health
SmithKline Beecham Animal Hlth
Solvay Animal Health, Inc
Spafas, Inc
Sterwin Labs
The Upjohn Company
Tri Bio Laboratories, Inc
Tyson Foods
Vineland Laboratories, Affil of IGI

PhD Graduate Training in Veterinary Microbiology

The Food Animal Health Research Program of the Ohio Agricultural Research and Development Center, The Ohio State University seeks applicants for graduate training leading to the PhD degree in the area of infectious diseases of food producing animals. Areas of study emphasis may include enteric, respiratory and reproductive diseases. Students will receive training in the areas of Microbiology, Immunology, Epidemiology, and Molecular biology.

Applicants must have the DVM degree, must be United States citizens, and present strong evidence of interest and commitment to veterinary infectious diseases research. A competitive graduate research stipend is offered. Inquiries should be directed to Dr. Y.M. Saif, Head; OARDC, Food Animal Health Research Program, 1680 Madison Ave, Wooster, OH 44691; 216-263-3744; FAX 216-263-3677. Applications should include college transcripts, curriculum vitae, a statement of professional goals, and 3 letters of reference. Ohio State University is an equal opportunity employer.

Christian Veterinary mission (CVM) has been a leader in delivering development assistance to the poor in underdeveloped countries since 1976. Early on, CVM discovered there was a lack of appropriate training materials available to use in assisting the rural poor. So in an effort to meet this need, CVM began to develop training material for the delivery of animal health care under primitive conditions. Thus was started the series of books entitled, Raising Healthy Livestock Under Primitive Conditions to fill this void. Six have been published and CVM plans to complete the five remaining ones by July 1, 1995.

Supplies of the first six published are about exhausted and they are currently being revised and republished. It is the aim of CVM to translate and publish these books into Spanish and French once they are published in English. This will provide CVM and all agencies working in animal and public health a single source, comprehensive, practical and appropriate technology that can be used around the world. Using its membership, other agencies, para-government organizations and marketing means such as the "voice of america", CVM makes books available to those that are directly involved in providing service to subsistence farmers.

One of the most popular and successful of these books has been the one on Poultry. It seems that is the universal animal protein that transcends all cultures, thus we get requests for it from all over the world. It was the first of the latest revisions and has been republished in English. It is our desire now, to publish it in both Spanish and French,. CVM is looking for a partner to share in the cost of doing this. It takes about \$3,500 per language edition per 1,000 copies, the number we normally print. If you know of someone who would have an interest in helping with this project please contact A.L. Dorminy. c/o CVM, Box 33000, Seattle, WA 98133 or call 206-546-7343.

INTERN PROGRAM IN AVIAN MEDICINE

North Carolina State University College of Veterinary medicine is offering two internships in avian medicine for 1995/96. Production of poultry and eggs is the leading agricultural industry in North Carolina. The avian medicine intern program is designed to provide post-veterinary training in all facets of the poultry industry, with primary emphasis on the prevention, diagnosis, and treatment of poultry diseases. In addition, interns will have some experience in the postmortem diagnosis of pet and wild bird diseases. Goals of the program are to prepare veterinarians for productive roles in the modern poultry industry and provide experiences which will enhance eligibility to the American College of Poultry Veterinarians. Avian medicine interns will participate in (1) the design, implementation, and reporting of field trials and research related to avian diseases and their management, (2) the application and interpretation of laboratory diagnostic technology e.g. serology, microbiology, virology and histopathology, and (3) the use of computers for word processing, database management and statistical analysis. The avian medicine intern program makes use of resources at the College of Veterinary Medicine, NCSU Poultry Science Department and Poultry Extension Service, North Carolina Department of Agriculture Animal Disease Diagnostic Laboratories, and local poultry production facilities. Applicants must submit an application form, letter of intent, transcripts of university performance, curriculum vitae or resume, and 2-3 letters of recommendation by 1 February 1995 to be eligible for internships beginning 1 July 1995. For further information on the NCSU-CVM avian medicine internship program and application materials write Cynthia DeLuca, Coordinator, Intern/Resident Programs, College of Veterinary Medicine, North Carolina State University, 4700 Hillsborough St., Raleigh, NC 27606. North Carolina State University is an affirmative action/equal opportunity employer.

POSITION WANTED - Dr. Lorenzo P. Borela, a veterinarian from the Philippines is looking for a position in the United States. He is willing to do any kind of work in order to get sponsored in the United States. He has worked on several poultry farms in the Philippines and also worked with all domestic animals for the Municipal Government. He has a relative in Chicago who is an immigration lawyer and willing to help with all necessary paperwork to get him started in the United States. Dr. Borela may be reached at 80 Gowan Ave, # 605, Toronto, Ontario MXK 2E1, CANADA. Phone 416-696-1694.



Microbiologist - EMBREX, Inc, a world leading biotechnology company which develops and markets in ovo products to increase the productivity and profitability fo the poultry industry has an opening for a microbiologist.

Job duties include: Organize, set-up new manufacturing dept. to conduct safety, potency, and purity testing required by USDA for product licensing. Provide excellent documentation control and jQC checks as required by USDA. Prepare written reports suitable for distribution in-house and to USDA in support of licensing. Manage QC manufacturing personnel and budget.

Qualifications include: MS degree in Microbiology. 4-6 years of professional experience in related field strong organization and writing skills. Good interpersonal skills.

Compensation will be commensurate with experience. Resumes and salary requirements may be sent in confidence to: Embrex, Inc, PO Box 13989, RTP, NC 27709. ATTN:MR

**THE AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS
THIRTY SEVENTH ANNUAL MEETING
JULY 12, 1994
SAN FRANCISCO, CALIFORNIA**

The thirty-seventh annual meeting of the American Association of Avian Pathologists was called to order by Dr. Dave Halvorson, President, at 10:45 am. The meeting was attended by approximately one hundred and twenty three members.

Dr. Halvorson asked the membership to pause for a moment of silence to remember five of our members who passed away this year. Drs. R.A. Bankowski, William Dungan, Mike Rosenstein, Howard Kahan and Everett Bryant.

A motion was carried to approve the minutes of the thirty-sixth annual meeting as published in the newsletter.

Recognition of Retiring Board Members

Dr. Halvorson recognized two Board members who are leaving the Board this year. Dr. Bill Chase, Past President and Dr. Max Brugh, Southern District Director.

Southern District Election

Dr. John Glisson has been elected to serve as the Southern District Director for the next four years. He will replace Dr. Max Brugh.

37th Annual Report

Dr. Eckroade reported that AAAP began its 38th year with 993 members. Subscriptions to *Avian Diseases* were up to 1900 this year. The following were reported from the 1993/94 audit done by Elko, Fischer, McCabe and Rudman: Unrestricted fund revenues were up from last year and totaled \$268,590 for fiscal year 1993-94 as compared with \$228,070 last year. Revenue generated by *Avian Diseases* totaled \$175,011 as compared with \$149,920 last year. Sales of educational materials were up slightly this year, totalling \$34,302 compared with \$32,786 last year. The sales volume for the third edition of the *Avian Disease Manual* was \$13,309. This stays about the same from year to year. The sales volume for *A Laboratory Manual for the Isolation and Identification of Avian Pathogens* was \$5,655. The sales of *Avian Histopathology* were \$3,751. Sales of the slide study sets were about \$8,000. Unrestricted fund disbursements were \$230,567 (in 1992/93 they were \$247,333) resulting in a gain of \$38,023 for the year. We should keep at least one years operating expenses in the bank.

Board Meeting

Dr. Halvorson reminded the membership that the Board meetings are open to all.

Dr. Eckroade gave a summary of the Board actions.

A motion was carried to include AVMA meeting information as well as paper and poster submission information in Avian Diseases. This will start with the May 1995 issue.

The Board appointed Drs. Barrett Cowen, Sherrill Davison, Richard Gast, John Glisson, James Guy, Patricia Wakenell and Eva Wallner-Pendleton for addition to the Avian Diseases Editorial Board.

A committee will be appointed to look into the broad issue of electronic communication.

There is a need for better slides and new and revised slide study sets. At the present time, all of the existing slide study sets are out for revision and several new sets have been developed. We would really like for YOU to develop one.

A motion was carried to approve expenditures of \$2,500-\$3,000 for a major revision of the Avian Histopathology Manual which is being done under Dr. Craig Riddell's guidance. Hopefully, it will be completed by 1995.

A motion was carried to support up to \$5,000 for the joint efforts of the Education and Membership committees to develop a booth display.

A motion was carried to approve the Awards Committee proposal to streamline the nomination procedures. This should make the nomination and re-submission process much easier.

A motion was carried to approve the 1993/94 audit as presented.

A motion was carried to give Dr. Maw-yeong Lin from the National Pingtung Polytechnic Institute in Taiwan permission to translate and publish A Laboratory Manual for the Isolation and Identification of Avian Pathogens into Chinese, to have it clearly stated in the book that the translation was done with the permission of AAAP and to ask for five copies for archiving.

A motion was carried to accept proposals from American Airlines and USAir to provide travel arrangements to Pittsburgh next year. We will get 5% off the lowest available airfare and for every 40 tickets booked we will get one free ticket. Tickets must be booked 7 days in advance. They can be booked directly with the airline or through a travel agent using our special code.

A motion was carried to support Dr. Richard McCapes as the candidate for third vice president to USAHA. This will be the first time in many years that a member of AAAP could move up to president.

A motion was carried to establish a provision to dedicate meetings and/or symposia to a member as recognition for special service to the association. This will not necessarily

be done at every meeting.

A motion was carried to authorize the cost for 7 history articles to be written and published in Avian Diseases.

A motion was carried to approve the 1994/95 proposed budgets as presented and amended.

A motion was carried to approve the proposal from the Drugs and Biologics committee for a symposium at the 1995 AVMA/AAAP meeting. The symposium will be entitled "Proper Drug Use, Poultry Perspectives".

1994 Membership Survey

Dr. Halvorson reported that the survey results will be sent to the membership in the September Newsletter. There was broad support to continue with AVMA. There was some concern about the costs of registration, hotels and meals. We will continue the dialogue with Poultry Science about some sort of association with them.

Nominating Committee Report

Dr. Peter Poss reported that the Nominating Committee consisting of himself and Drs. Riddell and Waldrip, placed into nomination Dr. Oscar Fletcher for President, Dr. Y.M. Saif for President-elect, Dr. Robert Eckroade for Secretary-Treasurer and Dr. Patricia Wakenell for Director-at-large.

A nomination of Dr. John Donahoe for president-elect was sent to the Business Office by mail.

There were no nominations from the floor.

A motion was carried to close nominations.

Because of the mail nomination for President-elect, ballots were printed before the meeting and passed out to voting members. The eligible ballots were then counted.

Dr. Oscar Fletcher was elected as President, Dr. Y.M. Saif, President-elect, Dr Robert Eckroade, Secretary-treasurer and Dr. Patricia Wakenell, Director-at-large.

Audit Committee

Dr. Morris Cover reported that the audit committee (Drs. Cover, Waters and Chase) reviewed the audit prepared by Elko, Fischer, McCabe and Rudman. The deficit noted the past several years has been stopped due to the increase in dues, subscriptions and the price of educational material. The recommended goal is to have one years operating expenses in the bank. We are not there yet but are heading in the right direction.

AVMA Delegate Report

Dr. Peter Poss reported the following from the AVMA meeting:

President Barnett reported that the AVMA was growing 3-4% per year. 80% of the veterinarians under age 66 are AVMA members. In the past year, 99% of the veterinary school graduates became AVMA members. Four positions were filled with women this year.

The meeting site in 1999 will be New Orleans.

1995 President-elect is Dr. Sherb Ostrich.

This year there will be a \$25 increase in dues.

Scientific Program Committee Report

Dr. Fletcher reported that there were 181 requests to participate in the scientific program. Seventy-three posters were scheduled but only 61 were shown. One hundred and one oral presentations were scheduled of which 90 were given. Fifteen speakers participated in the Symposium and 18 moderators participated in the entire program.

Next years meeting will be held in Pittsburgh, Pennsylvania.

Report of the Editor

Dr. Anderson, after 20 years of dedicated service, stepped down as editor of Avian Diseases. He was presented with a Craftsman tool chest (well, a picture of a tool chest. The real thing was home in Georgia).

He reported that volume 37 was the largest ever with 1200 pages consisting of 129 articles, 36 case reports, 9 research notes and 2 pet bird medicine reports. So far for this year the number of manuscripts being submitted has decreased a little. There is a 75% acceptance rate of manuscripts.

Dr. Anderson thanked his wife Gale who has helped him for the last 20 years and thanked the Editorial Board.

Awards Committee

Dr. Bruce Stewart-Brown reported that the committee has done a great deal of work to attempt to streamline the nomination process. This year an intent to nominate form will be sent out in the Newsletter and when it is returned the committee will help the nominator through the rest of the process. There will also be a re-submission policy that will allow a nominee to be nominated for 3 years in a row by changing the cover letter but re-using all other information. After the third year, one year must go by before the same person can be nominated again.

There will be changes in the Reed Rumsey Award Description, please read carefully.

The criteria used to judge the posters will be printed in the newsletter.

Membership Committee

Dr. Jean Sander asked everyone to please pay dues on time and to remain active members. She also mentioned that there were 63 new members accepted last year and thanked the committee.

The Membership Committee will help in developing the booth display with the Education Committee.

1994 Symposium

Dr. Fred Hoerr thanked everyone who participated in the Symposium. It went very well.

The Respiratory Diseases committee now has 47 members and is working well. They would like to recommend that biosecurity be strictly enforced by those travelling internationally.

Preceptorship Committee

Dr. Martin Ficken gave the Preceptorship Committee Report. There were six preceptorships funded from eight applications this year. There were 3 applications from students from Florida and 1 each from Pennsylvania, Atlantic, California, Wisconsin and Tufts.

Thank you Dr. Lasher for signing over the \$1,000 from your award to the Preceptorship Fund.

Education Committee

Dr. Willie Reed reported that 20 members attended the committee meeting. The Careers Opportunities Brochure has been completed and is intended to help recruit students. A copy will be sent to members in the next newsletter. Please contact the Business Office for additional copies.

The committee is currently revising the existing slide study sets and creating new ones. Two new ones have already been developed, Fowl Cholera and Biotechnology in Avian Medicine. If you are interested in creating a new slide study set, please contact Dr. Reed.

Diseases of Poultry Editorial Board

Dr. Bruce Calnek reported that the next edition of Diseases of Poultry is scheduled for 1997. In this edition, the Editorial Board will concentrate heavily on improving the illustrations and adding more color and new photos. The Editorial Board will be seeking new photos in the near future.

Veterinary Licensing Committee

Dr. Lanny Howell reported that the main objective of the committee this year was to put together a proposal for a limited license to practice poultry medicine. This proposal has been developed and has received endorsement from AAAP and ACPV. It is now being reviewed by the American Association of State Boards and then will be sent to various states.

Disease Reporting and Nomenclature Committee

Dr. Steve Thayer mentioned that the committee has made significant progress in getting the reporting program finished. The software will be available to regional stations in the near future.

History Committee

Dr. Witter reported that the Board of Directors approved a proposal from the committee to publish seven history articles in Avian Diseases over the next several years.

The archives have been established at Iowa State and is open to all. Please stop by and take a look.

Dr. Witter also reported that the committee is starting a new project of getting Biographical information for the archives. There will be more information about this at a later date.

AAAP Foundation Annual Report

Dr. Eckroade gave the Foundation annual report. The AAAP Foundation is a charitable organization under 501C3 status of the IRS. The Foundation consists of 4 accounts. The C.A. Bottorff account took in \$2,313 in interest income and \$2,941 in contributions and had expenses of \$2,100 this year. This brings the account total of \$43,602. The Reed Rumsey Student Fund now totals \$45,207 and took in \$2,104 in interest income, \$1,475 in contributions and had expenses of \$3,121 this year. The Ken Eskelund Preceptorship fund totals \$57,256 with \$2,709 in interest income, \$875 in contributions and \$5,367 in expenses this year. The Unrestricted account now totals \$15,567 and took in \$258 in interest income, \$8,010 in contributions and had expenses of \$3,645.

The Foundation helps developing countries by sending educational material to veterinary schools that cannot afford to buy them. This year we sent materials to 7 different countries with the biggest contribution going to the Veterinary School in Albania.

There will be a committee appointed to coordinate the efforts of the Foundation to provide educational materials to countries in need.

A motion was carried to fund up to 6 preceptorships this year.

Memorial Fund Committee

Dr. Anderson gave the Memorial Fund Committee report. In the 1993/94 year the Memorial Fund took in \$13,211 from 71 contributors. The Preceptorship fund really could use some help. Please think about what you or your company can do for the Memorial Fund.

Old Business

There was no old business

New Business

Dr. Pearson invited everyone to attend the North Central Avian Disease Conference in Des Moines. There will be a symposium on the diagnosis of viral diseases and a one day course on isolating viruses. The lab course will be on Saturday, October 8 and the meeting from October 9-11, 1994.

Dr. Kirk Skeeles announced that the 1995 ACPV exam would be in Pittsburgh on Saturday, July 8, 1995. The 1995 exam will not be offered in Spanish.

Dr. Rosenwald invited everyone to attend the Western Poultry Disease Conference in Sacramento on March 5, 6, and 7, 1995. There will be a bronchitis workshop on March 4, 1995.

Dr. Halvorson thanked all the AAAP members, committee chairs, the Board of Directors and his Minnesota colleagues for all of their help and support during the past year. He then passed the John Delaplaine gavel to Dr. Fletcher.

Dr. Fletcher thanked everyone and presented Dr. Halvorson with a plaque.

A motion was carried to adjourn the meeting at 12:05 pm.



AAAP MEMBERSHIP SURVEY RESULTS

The following are the results of the membership survey that was sent with the 1994 dues renewal notice. Many of the questions dealt with the issue of having the annual meeting with AVMA and although there was some concern about the cost of meeting registration, hotel rooms and food associated with attending the AVMA meeting most people wanted to continue to meet with them.

Any questions or comments about this survey should be directed to Dr. Robert J. Eckroade at the AAAP Business Office.

AAAP MEMBERSHIP

1. In which region do you reside?

- A. Northeast 113 25%
- B. South 154 35%
- C. Central 99 22%
- D. West 57 13%
- E. Central or So. America, or the Islands of the Caribbean 15 3%

no response 6

2. Your membership category

- A. Regular 336 76%
- B. Associate 68 15%
- C. Retired 20 5%
- D. Life 7 2%
- E. Student 4 1%

no response 9

3. Is it a concern that the current organizational structure of AAAP has voting and non-voting membership?

- A. Yes 110 25%
- B. No 325 73%

no response 6

The AAAP provides several services for its members. Rate items 4 to 13 using a scale of 1-5.

1 is least valuable - 5 is most valuable

	1	2	3	4	5	no response
Avian Diseases	16 4%	8 2%	12 3%	51 11%	351 79%	6
Newsletter	17 4%	37 8%	106 24%	157 35%	119 27%	8
Membership Directory	15 3%	24 5%	87 20%	130 29%	182 41%	6
Regional Meetings	31 7%	51 11%	96 22%	126 28%	129 29%	11
Annual Convention	18 4%	24 5%	49 11%	91 20%	255 57%	7
Committee Functions	32 7%	79 18%	163 37%	107 24%	54 12%	9
Slide Study Sets	43 10%	92 21%	136 31%	101 23%	64 14%	8
Publications and Manuals	15 3%	19 4%	96 22%	169 38%	136 31%	9
Symposia	23 5%	38 9%	123 28%	156 35%	95 21%	9
Contact w/ others in Field	17 4%	31 7%	60 14%	116 26%	212 48%	8

AAAP/AVMA MEETING QUESTIONS

14. In the past four years, how many AAAP/AVMA meetings have you attended?

A. 4	135	30%
B. 3	83	19%
C. 2	78	18%
D. 1	68	15%
E. 0	73	16%

no response 7

15. Are you upset about the AAAP/AVMA meeting?

A. Yes	85	19%
B. No	352	79%

no response 4

Please rank the following questions.

1 = strongly agree; 2 = agree; 3 = no opinion; 4 = disagree; 5 = strongly disagree

16. The AAAP should continue to hold its annual meeting in conjunction with the AVMA annual convention.

1	2	3	4	5	no response
175 39%	93 21%	75 17%	56 13%	36 8%	9

17. The AAAP annual meeting should be held in conjunction with another meeting (e.g. Poultry Science).

1	2	3	4	5	no response
50 11%	63 14%	109 25%	89 20%	124 28%	9

18. The AAAP annual meeting should be held by itself as its own meeting.

1	2	3	4	5	no response
25 6%	39 9%	94 21%	119 27%	159 36%	8

19. The AVMA adequately supports the AAAP annual meeting.

1	2	3	4	5	no response
41 9%	98 22%	179 40%	75 17%	41 9%	10

20. The registration expense to attend the AAAP/AVMA meeting is a major concern.

1	2	3	4	5	no response
70 16%	119 27%	95 21%	110 25%	43 10%	7

21. The hotel and food expense to attend the AAAP/AVMA meeting is a major concern.

1	2	3	4	5	no response
61 14%	125 28%	94 21%	120 27%	38 9%	6

22. The meeting location of the AVMA/AAAP meeting is a major concern.

1	2	3	4	5	no response
31 7%	82 18%	105 24%	146 33%	73 16%	7

23. The meeting facilities at the AVMA/AAAP meeting are a major concern.

1	2	3	4	5	no response
45 10%	93 21%	120 27%	129 29%	50 11%	7

24. Other ancillary activities (non AAAP) which occur at the AVMA meeting are a major reason to retain the AAAP meeting with AVMA.

1	2	3	4	5	no response
91 20%	111 25%	100 23%	86 19%	50 11%	6

25. The lack of other poultry related educational sessions or other poultry related activities is a major reason to move the AAAP meeting away from the AVMA meeting.

1	2	3	4	5	no response
60 14%	86 19%	104 23%	103 23%	83 19%	8

26. The AVMA benefits from the AAAP holding its annual meeting in conjunction with the AVMA annual meeting.

1	2	3	4	5	no response
159 36%	169 38%	92 21%	11 2%	4 1%	9

1	2	3	4	5	no response
189	209	120	11	4	9
36%	38%	21%	2%	1%	

Biotechnology Committee Cont

- H. Lillehoj
- Rick Meinersmann
- K.V. Nagaraja
- Eva Nagy
- Michael Perdue
- Graham Purchase
- Fernando Sanabria
- John Sanders
- Nancy Saunders
- Jonathan Schaefer
- Asif Ali Shah
- Jagdev Sharma
- Robert Silva
- Maurice Smith
- John Story
- Deoki Tripathy
- Dan Weinstock
- Dick Witter
- Ching Ching Wu
- Richard Yamamoto

Diseases of Pet Birds

- H.L. Shivaprasad, Chair
- Art Andersen
- Victoria Bowes
- Dustan Clark
- Susan Clubb
- James Grimes
- Min Hsiung Hwang
- Jeffrey Jenkins
- Corky Kelleher
- Ken Latimer
- Ram Mohan
- B. Panigrahy
- C. Radhakrishnan
- Vanessa Rolfe
- Nancy Saunders
- Lee Ann Thomas
- Eva Wallner-Pendleton
- Amy Worell

Disease Reporting and Nomenclature Committee

- Ed Odor, Chair
- Alex Bermudez
- Thomas Bryan
- Richard Chin
- Patty Dunn
- Bob Hampson
- Jeff Kula
- Ben Lucio
- James Moulthrop
- L.L. Munger
- Rob Porter
- Reagan Sadler
- Steve Thayer

Diseases of Wild Birds

- Stan Vezey, Chair
- Victoria Bowes
- Max Brugh
- Dustan Clark
- William Davidson
- Thomas Eleazer
- Scott Fitzgerald
- Thaddeus Graczyk
- Doug Grieve
- James Grimes
- Min Hsiung Hwang
- Jeffrey Jenkins
- Patrice Klein
- David Ley
- Louis Locke
- Bryan Mayeda
- Carol Meteyer
- Teresa Morishita
- Shannon Morgan
- James Moulthrop
- Davis Myers
- Michael Ruff
- Nancy Saunders
- Marilyn Spalding
- David Swayne
- Eva Wallner-Pendleton

Drugs and Therapeutics Committee

Dennis Wages, Chair
 Mark Bland
 Jenaay Brown
 Thomas Campi
 Tim Cummings
 Thomas Folkerts
 David French
 Eric Gonder
 Doug Grieve
 Donna Hill
 Tom Holder
 Jeff Kula
 Fernando Lozano
 Javier Martinez
 Burton Maxfield
 Birch McMurray
 David Mitchell
 Ken Opengart
 Carlos Pinedo
 Jonathan Schaeffer
 V. Sivanandan
 John Smith
 Darrell Trampel
 Ricardo Valle
 Don Waldrip
 Robert Westlake
 Robert Williams

Enteric Diseases Committee

Mo Saif, Chair
 Charlie Broussard
 Thomas Bryan
 Anthony Castro
 Dustan Clark
 Barrett Cowen
 Stephen Davis
 Mark Dekich
 Frank Edens
 Leo Eldridge
 Thomas Folkerts
 Wayne Frerichs
 Yan Ghazikhanian
 Joseph Giambrone
 Chris Hayhow
 Fred Hoerr

Enteric Diseases Committee Cont

Peter Holt
 Judy Jarecki-Black
 Marcus Jensen
 Linda Keller
 Tami Kelly
 K.M. Lam
 H. Lillehoj
 Fernando Lozano
 Danny Magee
 Burton Maxfield
 Hugo Medina
 Carol Meteyer
 Ralph Mitchell
 Teresa Morishita
 Shannon Morgan
 Stephen Muir
 T.J. Myers
 K.V. Nagaraja
 Lisa Nolan
 Robert Norton
 Ken Opengart
 Albert Payne
 F. William Pierson
 Rob Porter
 Ken Powell
 Nicholas Primm
 Steve Roney
 Gregorio Rosales
 Fernando Sanabria
 H.L. Shivaprasad
 V. Sivanandan
 John Skeeles
 Lee Ann Thomas
 Becky Tilley
 P.R. Woolcock

Epidemiology Committee

Jeane-Pierre Vaillancourt, Chair
 John Brown
 Thomas Campi
 Tim Cummings
 Gregg Cutler
 David Frame
 Monte Frazier
 William Gerencer

Epidemiology Committee Cont

Jeff Kula
 Danny Magee
 Keith McMillan
 David Mitchell
 Roberta Morales
 Mike Morris
 Ariel Ortiz
 Anthony Pescatore
 C. Radhakrishnan
 Mariano Salem
 J. Sanders
 David Shapiro
 Dick Slemons
 Martha Stebbins

Food Safety and Diseases of Public Health Significance

Richard McCapes, Chair
 G.W. Albright
 Geraldine Bayyari
 Charlie Broussard
 John Brown
 Thomas Campi
 Hector Cervantes
 Timothy Chang
 Yung Cho
 Gregg Cutler
 Thomas Dickson
 Dan Domingo
 Richard Dutton
 Ken Eskelund
 Monte Frazier
 Richard Gast
 William Gerencer
 Yan Ghazikhanian
 Eric Gonder
 Bob Good
 Thaddeus Graczyk
 James Grimes
 Roger Harvey
 Charles Hofacre
 Tom Holder
 Joan Jeffrey
 Linda Keller
 David Kradel

Foodsafety Committee Cont

Mahesh Kumar
 Dale Lauer
 Joan Leonard
 H. Lillehoj
 Danny Magee
 Ed Mallinson
 Javier Martinez
 Burton Maxfield
 Patrick McCaskey
 Keith McMillan
 Birch McMurray
 Rick Meinersmann
 Dave Mills
 Armando Mirande
 David Mitchell
 Ram Mohan
 Roberta Morales
 K.V. Nagaraja
 Lisa Nolan
 Ken Opengart
 Anthony Pescatore
 Jean Petter
 Peter Poss
 C. Radhakrishnan
 J. Sanders
 Asif Ali Shah
 J.L. Spencer
 Martha Stebbins
 Alice Thaler
 Lee Ann Thomas
 Becky Tilley
 Darrell Trampel
 Jean-Pierre Vaillancourt
 Eva Wallner-Pendleton
 George West
 Ching Ching Wu

Reference Antisera Committee

Bill Chase, Chair
 Ken Crary
 Tom Fredericksen
 Jim Guy
 Sharon Hietala
 Min Hsiung Hwang
 Daniel King

Reference Antisera Committee Cont

Lloyd Lauerman
 Ram Mohan
 Stephen Muir
 James Pearson
 Steve Roney
 Amer Silim
 David Snyder
 P.R. Woolcock

Respiratory Diseases Committee

Fred Hoerr, Chair
 Brigetta Allen
 James Andreasen
 Charlie Broussard
 Max Brugh
 Gary Butcher
 Bruce Charlton
 Yung Cho
 Barrett Cowen
 Stephen Davis
 Dan Domingo
 Frank Edens
 Leo Eldridge
 Martin Ficken
 Thomas Folkerts
 Richard Fulton
 Jack Gelb
 Yan Ghazikhanian
 Hashim Ghori
 Joseph Giambrone
 Thaddeus Graczyk
 Sharon Heins
 Sharon Hietala
 Tom Holder
 Keith Honegger
 Mark Jackwood
 Judy Jarecki-Black
 Eric Jensen
 Marcus Jensen
 Corky Kelleher
 Tami Kelly
 Mazhar Khan
 Daniel King
 Stan Kleven

Respiratory Diseases Committee Cont

S. Kumar
 Hiram Lasher
 Lloyd Lauerman
 Danny Magee
 Keith McMillan
 Hugo Medina
 Oscar Morales
 Eva Nagy
 Robert Norton
 Ed Odor
 Victor Panangala
 B. Panigrahy
 Albert Payne
 Oscar Perales
 Michael Perdue
 F. William Pierson
 Conrad Pope
 Mariano Salem
 Fernando Sanabria
 Don Simmons
 V. Sivanandan
 John Skeeles
 Richard Slemons
 John Smith
 Bruce Stewart-Brown
 David Swayne
 Becky Tilley
 Deoki Tripathy
 Ricardo Valle
 Pedro Villegas
 Dan Weinstock
 Richard Yamamoto

Skeletal Diseases Committee

Yan Ghazikhanian, Chair
 Arun Bahl
 Geraldine Bayyari
 Thomas Bryan
 Stephen Davis
 Robert Droual
 Leo Eldridge
 Richard Julian
 Barry Kelly
 Tami Kelly

Skeletal Diseases Committee Cont

Patrice Klein
 Bryan Mayeda
 Patrick McCaskey
 Hugo Medina
 Anthony Pescatore
 Don Ritter
 John Smith
 Ken Takeshita
 Becky Tilley
 Ricardo Valle
 Mary Walser

Toxic, Infectious and Miscellaneous Diseases Committee

Colin Baxter-Jones, Chair
 Geraldine Bayyari
 Martine Boulianne
 Charlie Broussard
 Tom Brown
 Carol Cardona
 Dan Domingo
 Frank Edens
 Doug Erbeck
 Scott Fitzgerald
 David Frame
 Joseph Giambrone
 Roger Harvey
 Sharon Heins
 Richard Julian
 Jose Linares
 Louis Locke
 Burton Maxfield
 Dave Mills
 Armando Mirande
 David Mitchell
 Conrad Pope
 Kenneth Powell
 Marshall Putnam
 H. Rothenbacher
 Alan Sharpton
 H.L. Shivaprasad
 John Skeeles
 Maurice Smith

Toxic, Infectious and Miscellaneous Diseases Committee Cont

Bruce Stewart-Brown
 David Swayne
 Darrell Trampel
 Helen Wojcinski

Tumor Viruses Committee

Aly Fadly, Chair
 Julio Cruz-Croy
 John Donahoe
 Rebecca Hyde
 Lucy Lee
 Stephen Muir
 K. Nazerian
 Graham Purchase
 Marshall Putnam
 Gregorio Rosales
 Girish Sarma
 Ton Schat
 Martin Sevoian
 Jagdev Sharma
 Robert Silva
 J.L. Spencer
 Pat Wakenell
 Dan Weinstock
 Richard Witter

Veterinary Licensing Committee

Lanny Howell, Chair
 D.L. Boyd
 Hector Cervantes
 Scott Fitzgerald
 Hashim Ghori
 Chris Hayhow
 Lloyd Keck
 Kenton Kreager
 Fernando Lozano
 Mike McCabe
 Birch McMurray
 Ralph Mitchell
 Linnea Newman
 Robert Nordgren

Veterinary Licensing Committee Cont

Robert Owen
Peter Poss
Graham Purchase
Steve Roney
H. Rothenbacher
Jonathan Schaeffer
Mike Schwartz

David Shapiro
John Smith
Mac Terzich
Don Waldrip
Dan Wenger
Robert Westlake

Veterinary College Liaison

Auburn University
University of California
Colorado State University
Cornell University
University of Florida
University of Georgia
University of Illinois
Iowa State University
Kansas State University
Louisiana State University
Michigan State University
University of Minnesota
Mississippi State University
University of Missouri
University of Montreal
North Carolina State University
Ohio State University
Oklahoma State University
Ontario Veterinary College
Oregon State University
University of Pennsylvania
University of Prince Edward Is
Purdue University
University of Saskatchewan
University of Tennessee
Texas A&M University
Tufts University
Tuskegee University
Virginia Tech/Univ of Maryland
Washington State University
University of Wisconsin

Fred Hoerr
Pat Wakenell
To be determined (TBD)
Bruce Calnek
Gary Butcher
Stan Kleven
D. Tripathy
Don Reynolds
A. Strafuss
Simon Shane
Willie Reed
Dave Halvorson
Graham Purchase
Alex Burmedez
Amer Silim
John Barnes
Dick Slemmons
S. Vanhooser
Jean-Pierre Vaillancourt
J. Andreasen
Robert Eckroade
Frederick SB Kibenge
R.M. Fulton
Robert Goodhope
TBD
W.L. Wigle
TBD
TBD
Bill Pierson
Singh Dhillon
Virginia Hinshaw