



# SCHOOL OF VETERINARY MEDICINE FACULTY NEWSLETTER

UNIVERSITY OF MISSOURI - COLUMBIA



JUNE, 1970--No, 32

## AVMA Convention

# Twenty Present Sessions

Twenty faculty members from the School of Veterinary Medicine presented papers and led special sections during the annual AVMA convention held in Las Vegas, Nevada. This 107th meeting of the organization was held June 22-26.

Topics ranged from the veterinarian and environmental health to bovine inhalation anesthesia. In addition to these subjects, several faculty members spoke at allied association meetings held in conjunction with the conference.

Dr. W. F. McCulloch, professor of veterinary microbiology and director of continuing education for veterinary medicine, was opening speaker for the second plenary session. His topic, "Environmental Health and Ecology: Old Concepts with New Meaning for Man's Survival," followed the general convention theme of "Probabilities of the '70's."

Speaking during the conference's large animal division were Dr. Charles E. Martin, associate professor of veterinary medicine and surgery, on "Status of the Mastitis-Metritis-Agalactia Complex;" and Dr. Charles E. Short, assistant professor of veterinary medicine and surgery, who presented "Bovine Inhalation Anesthesia" and "Evaluation of Closed, Semiclosed and Nonrebreathing Inhalation Anesthesia Systems in the Horse."

Dr. E. F. Ebert, professor of veterinary medicine and surgery, prepared a taped demonstration of "Ligation Following Castration in the Horse." "Pregnancy Diagnosis of Swine Utilizing the Vaginal Biopsy Technique" was

delivered by Dr. E. C. Mather, research associate in veterinary medicine and surgery, and Dr. Myron Tumbleson, associate professor of veterinary physiology and pharmacology and research associate at the Sinclair Research Farm, assisted by Mr. John R. Diehl, graduate assistant.

Dr. C. E. Short presented "Advances in Small Animal Anesthesiology" and "Use of Doxapram HCl for Controlled Respiration and Arousal" during the small animal section and "Anesthesia and Radiology in Cardiac Catheterization in Several Species" with Dr. E. A. Corley, professor of veterinary medicine and surgery, during the research division of the convention. Dr. B. D. Rosenquist, associate professor of veterinary microbiology, Dr. J. E. English, associate professor of veterinary medicine and surgery, and Dr. R. W. Loan, professor and chairman of veterinary microbiology, jointly presented "Mixed Viral Etiology of a Shipping Fever Epizootic" during the same session.

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## Dr. Middleton Honored

Roses to Dr. Middleton—it was really a Hawaiian lei though that tagged Dr. C. C. Middleton, director of the Sinclair Research Farm and associate professor of veterinary pathology and assistant professor of community health and medical practice, as the 1000th member of the Missouri Public Health Association.

The surprise bouquet was presented to him during the 44th annual meeting of the MPHA held in Jefferson City during May. Dr. Marian Bishop, UMC professor of community health and MPHA membership committee chairman, made the presentation.



*Dr. Bishop presented Dr. Middleton with a certificate after placing the lei around his neck. Dr. and Mrs. Glen Hopkins of Kansas City, are seated to the right.*

# Dr. Kampelmacher Conducts Seminar

Dr. Erwin H. Kampelmacher, director of laboratories for the National Institutes of Public Health, The Netherlands, recently spent several days visiting the UMC Schools of Veterinary Medicine and Medicine. During his stay, he conducted a seminar on zoonoses with a group of veterinary graduate students.

A noted authority on food and agricultural organization, Dr. Kampelmacher was here on an extension of a visit to Washington, D. C. He is a member of the Dutch Delegation to the Food Hygiene Committee of the Codex Alimentarius of the Veterinary Scientific Group for the European Common Market currently convened in the Capital.

Dr. Kampelmacher has served in several capacities for

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Co-chairing the section on public health was Dr. C. Richard Dorn, associate professor of veterinary microbiology and of community health and medical practice. He and Dr. McCulloch, in cooperation with Dr. D. C. Blendon, associate professor of veterinary microbiology and of community health and medical practice, spoke on "The University and the City" as part of the public health section.

Dr. Lloyd A. Selby, assistant professor of veterinary microbiology and of community health and medical practice joined Dr. Carl J. Marienfeld, director of Extension Environmental Health, and Dr. James O. Pierce, director of the Trace Substance Center, in presenting "Effects of Trace Elements on Human and Animal Health," in the same session.

Presenting papers for the section on laboratory animal medicine were Dr. R. E. Flatt, associate professor of veterinary pathology, and Dr. Louis R. Nelson, research associate in veterinary medicine and surgery, on "Training Methods Used in Laboratory Animal Medicine Training Programs." Dr. Charles C. Middleton, director of the Sinclair Research Farm and associate professor of veterinary pathology, spoke on "Graduate Education in Laboratory Animal Medicine at the University of Missouri."

Various other organizations held meetings at the same time as the AVMA, including alumni groups and student chapters. Speaking at other meetings were Dr. Fred Clayton, assistant professor of veterinary microbiology and deputy director of the Missouri Regional Medical Program Computer Fact Bank, and Dr. R. B. Wescott, associate professor of veterinary microbiology, with Mr. W. J. Chowanec, research assistant in veterinary microbiology.

Dr. Clayton presented a slide showing on "Recent Advances in Microfilming" to the American Association of Veterinary Medical Record Librarians. Dr. Wescott and Mr. Chowanec spoke on "Immune Response of Cattle Vaccinated Against *Babesia* in Colombia, South America" to the American Association of Veterinary Parasitologists.

Besides those presenting papers, many other faculty members attended the convention.

the World Health Organization including temporary consultant in the field of non-medical use of antibiotics. He has been active in many Dutch scientific organizations and is one of the founders of the World Association of Veterinary Food Hygienists.

## Dr. Dellmann Presents Papers

Dr. H. -D. Dellmann, professor of veterinary anatomy and research associate at the Space Sciences Center, presented several papers at professional meetings this spring.

At the eighty-third session of the American Association of Anatomists meeting held recently in Chicago, he spoke on "Ultrastructural Changes in the Neurons of the Rat's Subfornical Organ During Progressive Dehydration."

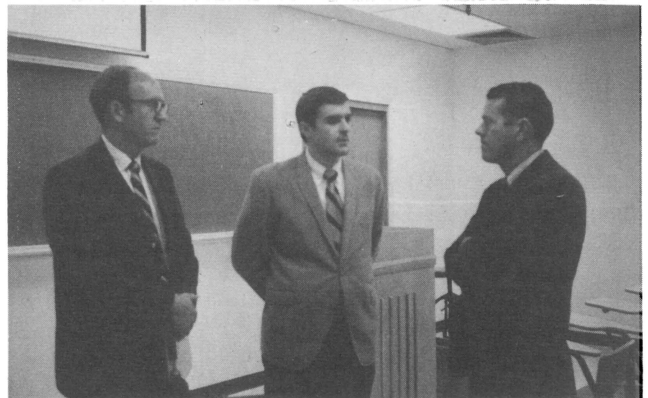
During the Society for Endocrinology Meeting held in mid-April in Bristol, England, he presented two papers. Both were panel discussions: "Comparative aspects of the nervous control of the *pars intermedia* of an amphibia and a reptile species." and "Tubular formations in normal, stimulated and transected neurosecretory axons."

## NCDC Representative Talks On Continuing Education

Dr. Kenneth A. Bell, Medical Training Officer of the National Communicable Disease Center, Atlanta, Ga., spoke here June 4-5, on "Instructional Methods and Media—Comparative Aspects in Veterinary Medicine and Medicine."

He is a Medical Training Officer, Health Professions Branch, NCDC and for the past year has been responsible for continuing education programs (symposia) held in conjunction with both veterinary medical and medical groups throughout the United States. Dr. Bell received his D.V.M. degree from Iowa State University in 1964 and his M.D. degree from the University of Iowa in 1968.

During his stay at the University of Missouri-Columbia he met with faculty members in Veterinary Medicine and Medicine to discuss methods and trends in continuing education.



*Dr. Dorn and Dr. Corwin discuss points of his speech with Dr. Bell following seminar.*



## Hoods and Stripes Honor New D.V.M.s

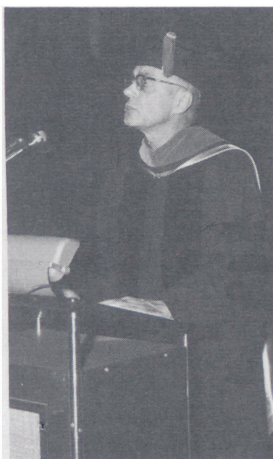
Before a proud audience of family, parents and friends, fifty-six fourth-year students pledged themselves to the ideals and ethics of the veterinary medical profession during Precommencement exercises held June 2 in the Livestock Center Large Auditorium.

The oath of the American Veterinary Medical Association was administered by Dr. Leroy N. Atkinson, president of the MVMA, following an address delivered by Dr. L. Meyer Jones, dean of the College of Veterinary Medicine at the University of Illinois, Urbana.

Dr. Jones discussed professional responsibility and posed two questions to the graduates: what are the responsibilities of a graduating veterinarian to himself, his profession and his public? and what are the responsibilities of veterinary medical faculty members to students, the profession and the public.

Even though they were posed as two separate questions, Dr. Jones explained how vitally the two interact. Faculty members must aid the student in practicing professional ethics and set an example by participation in professional organizations. They should be responsible to the public by supporting organized veterinary medicine and attempt to narrow the 'lag' between research and its practical application.

On the other hand the practitioner will serve the public and at the same time himself. It is vital that the practitioner maintain his own program of continuing education, but use educational institutions for expanding his knowledge.



**Dr. Jones**



## We're proud of You...

Dr. Jones also discussed the purpose of colleges of veterinary medicine and their services to the public as well as to students.

In addition to Dr. Jones and Dr. Atkinson, several other guests participated in the Precommencement activities. Dr. Robert K. Ordway, president and dean of the Missouri School of Religion, Columbia, gave the invocation and benediction. Greetings were delivered by Dr. Herbert W. Schooling, provost and dean of the UMC faculties.

Dr. George C. Shelton, associate dean of UMC veterinary academic affairs, and Dr. Mark P. Rines, chairman and professor of veterinary medicine and surgery, assisted with the investiture and hoodings. Dr. B. W. Kingrey, dean of the School of Veterinary Medicine, presided over the ceremony.

# —About the Faculty—

*Dr. J. D. Rhoades*, associate professor of veterinary medicine and surgery, spoke to the Kansas City VMA May 21 on "Laboratory Tests Applicable to Liver Disease in the Canine and Feline."

*Dr. Saul D. Larks*, professor of veterinary physiology and pharmacology, has recently been named organizer and interim chairman of the newly chartered chapter of Institute of Electrical and Electronic Engineers.

The chapter is part of the bioengineering section of IEEE. Interested faculty from medicine, veterinary medicine, engineering and liberal arts are involved in the interdisciplinary organization.

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*Dr. Richard Lee Sexton*, research associate in veterinary physiology and pharmacology, was at Oak Ridge, Tenn., June 8-July 3, for a course in radioisotope handling sponsored by the National Institutes of Health.

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Presenting a paper on "Non-Infectious Aspects of Lactation Failure," *Dr. Charles E. Martin*, associate professor of veterinary medicine and surgery, attended a conference on Reproductive Efficiency in Swine sponsored by the National Pork Producers Council, June 9-12, in Ames, Iowa.

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During May, *Dr. Raymond Loan*, chairman and professor of veterinary microbiology, was in Athens, Ga., presenting a seminar on the "Cellular Immune Response" at the University of Georgia, School of Veterinary Medicine.

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*Dr. Donald C. Blenden*, associate professor of veterinary microbiology section of epidemiology and ecology, was recently a featured speaker at the "Health Services in Non-Urban Missouri" conference. He presented "Perspectives in the Delivery of Health Care."

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*Dr. William P. Palmore*, assistant professor of veterinary physiology and pharmacology, was in St. Louis June 10-13, at the 52nd Annual Meeting of the Endocrine Society.

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*Dr. Billy E. Hooper*, chairman and associate professor of veterinary pathology, *Dr. Roger E. Brown*, associate professor of veterinary medicine and surgery and *Dr. William F. McCulloch*, professor of microbiology and director of veterinary continuing education, were in East Lansing, Mich., May 31-June 4, for a workshop on "Principles and Motives of Continuing Education."

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*Dr. E. A. Corley*, professor of veterinary medicine and surgery, was in Las Vegas, June 21-28 to administer radiology board examinations and participate in the 107th AVMA convention.

## *Dr. Ames Awarded Two Grants*

*Dr. E. R. Ames*, assistant professor of veterinary microbiology, has received two grants totaling \$6,000 for the study of parasitic nematodes.

One is from Merck and Co., Inc., Rahway, N. J., for \$4,000 for "Study of Distribution and Importance of *Strongyloides ransomi* in Missouri." Extension Swine Specialist, *Dr. John Rea*, and 120 area extension livestock specialists will cooperate in the study along with *Dr. R. B. Wescott*, associate professor of veterinary microbiology, and *Mr. Jerjang Chang*, research assistant in veterinary microbiology.

The Moorman Manufacturing Company, Quincy, Ill., is supporting research on the "Effects of Ronnel on Bovine Gastrointestinal Nematodes" with a \$2,000 grant. The study will evaluate low-level ronnel as a management procedure influencing performance as well as internal and external parasite control.

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