



SCHOOL OF VETERINARY MEDICINE FACULTY NEWSLETTER

UNIVERSITY OF MISSOURI - COLUMBIA



JULY/AUGUST, 1969 -- No. 24

Dr. Martin Attends I'National Pig Meeting

Dr. Charles E. Martin, University of Missouri-Columbia associate professor of veterinary medicine and surgery, was one of about five representatives from the U. S. at the first International Pig Veterinary Society Congress held June 23-28 in Cambridge, England.

He presented a paper on "Lactation Failure in the Sow." Dr. Martin's trip was sponsored by the Missouri Pork Producers Assn. and the National Pork Producers Assn.

Over 500 people from 25 different countries heard more than 160 papers presented at the Congress. Subjects covered were pig behavior, genetics, nutrition, immunology, reproduction, environment, herd health control and diseases.

Jim Boillot (seated), president of Missouri Pork Producers Assn., and Dr. Martin look over proceedings of the 1st international Pig Veterinary Society Congress.

Three New Faculty Members Join Veterinary Medicine During Summer

A few more new people have been added to our faculty roster in July and August.

Dr. James S. Larsen is a new assistant professor of veterinary medicine and surgery. He was awarded B.S. and D.V.M. degrees in 1955 from the University of Illinois and an M.S. degree in 1959 from Michigan State University

Dr. Larsen practiced in Oak Lawn, Ill. until he went into the U.S. Air Force from 1956-58. He practiced briefly again in 1958 at River Forest, Ill. From 1958-59 he was a graduate assistant in the Department of Surgery at Michigan State. Then from 1959-66 he was chief of small animal surgery at Kansas State University. Since 1966 he has been associate scientist in experimental surgery for Ethicon, Inc. in Somerville, New Jersey.

He is a member of the A.V.M.A. and the New York Academy of Science.

Dr. Richard L. Sexton will be joining veterinary physiology and pharmacology as a research associate. He was recently awarded a D.V.M. degree from Purdue University in 1969. Dr. Sexton belongs to Phi Zeta and Alpha Zeta.

Dr. Joseph E. Wagner is a new associate professor of veterinary pathology. He received a D.V.M. degree in 1963



Mastitis Workshop for Large Animals To Be Held Sept. 13-14 at Clinic

A mastitis workshop for large animals will be held September 13-14 at the Veterinary Clinic. Enrollment has been limited to 10 veterinarians to allow an in-depth presentation.

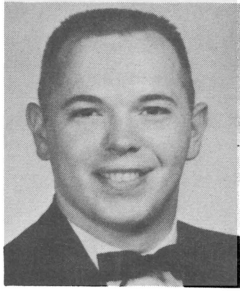
The emphasis will be placed on techniques that can be used in mastitis prevention as part of overall herd health programs. There will be discussions on the role of infectious and non-infectious agents, host and environmental factors relating to mastitis and the principles of milking systems as they relate to a mastitis control program.

The workshop will be conducted by Dr. Donald W. Johnson, professor of veterinary medicine and surgery; Dr. Robert T. Marshall, associate professor of food science and nutrition; and Edward J. Constien, assistant professor of agricultural engineering extension.

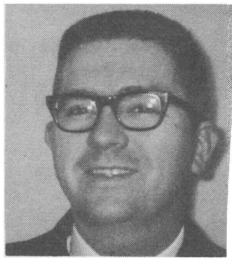
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Dr. Larsen



Dr. Sexton



Dr. Wagner

10 School Faculty Members Hand in Job Resignations

Although we have increased our faculty by new appointments we are sorry to report the resignations of some of our other faculty members.

Dr. Richard Arnold, instructor of veterinary anatomy, has joined the Department of Veterinary Anatomy at the University of Georgia in Athens. Dr. Harold J. Cooper, instructor in veterinary physiology and pharmacology, returned to his practice in Pilot Grove, Mo.

Dr. Lloyd E. Davis, associate professor of veterinary physiology and pharmacology, has returned to his alma mater, Ohio State University, to develop a program in clinical pharmacology. With his recently acquired Ph.D. degree, Dr. Eugene Elefson, instructor of veterinary physiology and pharmacology, will go into a group practice in Stanwood, Washington. He will handle the cardiology work.

Dr. William T. Kerber, assistant professor of veterinary medicine and surgery, has joined the Center for Laboratory Animal Resources at Michigan State University in East Lansing. Dr. Darrell G. Kiger, research associate in veterinary medicine and surgery, has gone into a regulatory medicine program in Ogallala, Nebraska.

Dr. Lester Reschly, instructor in veterinary physiology and pharmacology, left earlier this year to join Dr. Jack Horton in his small animal practice here in Columbia. Dr. Norris Rohde, research associate in veterinary microbiology, will be part of a veterinary practice in San Francisco, Calif.

Dr. James Ticer, associate professor of veterinary medicine and surgery, will add to a specialized radiological practice in San Francisco. Dr. Joel Wallach, research associate in veterinary pathology, is now affiliated with the Brookfield, Illinois Zoo.

from Iowa State University, an M.P.H. degree in 1964 from Tulane University, and a Ph.D. in 1967 from the University of Illinois.

From 1963-64 he was an NIH post-doctoral fellow in laboratory animal medicine and a research assistant at Tulane's School of Medicine. Then from 1964-67 he was an NIH post-doctoral fellow in veterinary pathology at the University of Illinois. Until recently he was chief of research in laboratory animal medicine and technology and assistant professor of pathology and oncology at Kansas University Medical Center.

Dr. Wagner is a member of the A.V.M.A., American Assn. for the Advancement of Science, American Assn. of Zoo Veterinarians, American College of Laboratory Animal Medicine (associate member), American Assn. for Advancement of Laboratory Animal Science, Alpha Zeta, Phi Zeta, Gamma Sigma Delta, Sigma Xi and Omega Tau Sigma.

Post-doctoral Fellowships Awarded In Laboratory Animal Medicine

A grant of \$42,547 by the U. S. Public Health Service will support three post-doctoral fellows in laboratory animal medicine.

The grant will continue the support of Dr. Reed W. Rings and Dr. Robert A. Stuhlman and support the study of Dr. Jack L. Taylor.

Dr. Keith L. Kraner, director of laboratory animal medicine and professor of veterinary medicine and surgery, will supervise the post-doctoral fellowships and direct the grant.

1st Veterinary P. H. Residency Ends

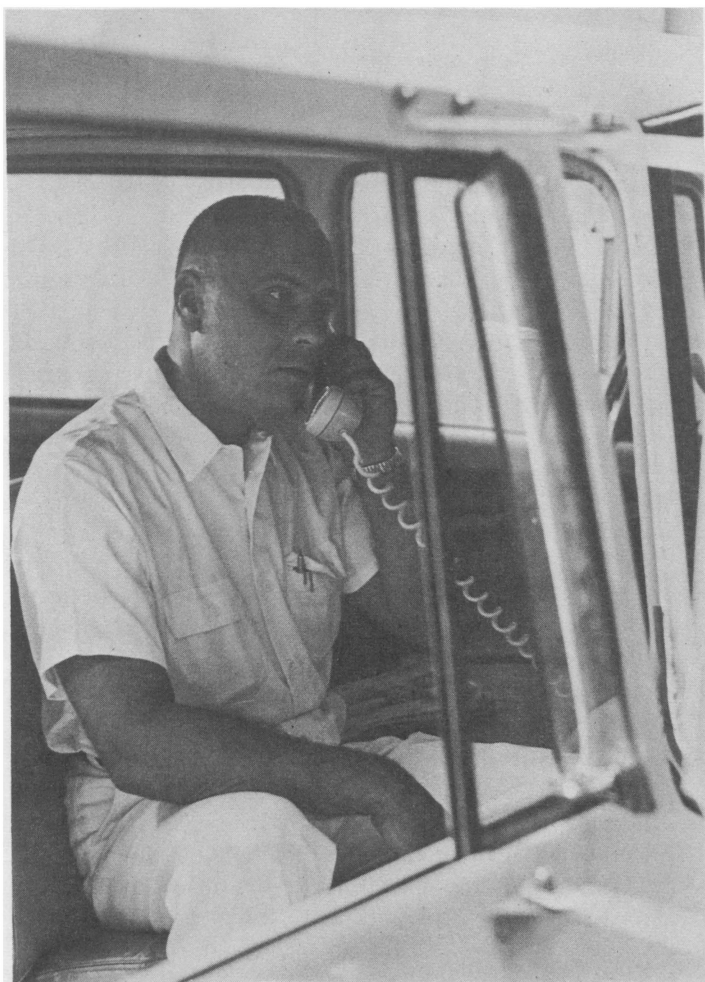
Dr. Donald C. Blenden (right), associate professor of veterinary microbiology and head of the public health section, presents Dr. Alan E. Schwichtenberg with a certificate for having completed his two-year residency in Veterinary Public Health here.

Dr. Schwichtenberg is the first person to complete the two-year residency program since it was started in 1968. He received his M.S.P.H. degree at the end of his first year and spent the last year in field or practical application of the academic program. With little coursework required during the second year, he was able to do field investigation and handle teaching and academic responsibilities.



Dr. Tritschler Returns from South American Project

Dr. Louis G. Tritschler, assistant professor of veterinary medicine and surgery, returned recently to the UMC Veterinary Clinic after a two-year period on loan to the M.A.S.V.A. program in Bogota, Colombia, South America. He helped establish the ambulatory clinic at the National University through the aid of the American and Colombian governments.



Dr. Tritschler takes a call in the Ambulatory Clinic

The ambulatory clinic was stressed over internal clinics by the M.A.S.V.A. group because it best represented to the students what they would actually face in a Colombian veterinary practice.

There were about 50 veterinarians on the Colombia faculty, but many of them were only appointed part-time. In addition there were 4 full-time American veterinarians which included Dr. Tritschler. The student body numbered about 45-50 members per class. The National University is based on a 5-year professional program with about 2 years as

pre-requisite. Dr. Tritschler said "I was impressed with the quality of the students. They were of high-caliber, eager to learn and hardworking." However, Dr. Tritschler admitted that with the political situation the faculty did expect to lose about 2-3 weeks each year due to student demonstrations.

In comparing the ambulatory clinic in Bogota to the one here, Dr. Tritschler cited the following:

1). "The trips were longer. An example of distance would be if we tried to treat cases in Iowa or Arkansas. One call in Colombia might take anywhere from one day to a week.

2). We made our calls primarily in a 4-wheel carry-all, but we also used a plane, horse or boat.

3). Usually we had a chauffeur, a South American veterinarian, myself and about 2-3 students per trip. The client paid the expenses for long trips.

4). We saw more preventive medicine-type cases rather than the routine cases we see here at Missouri.

5). We handled a lot of fertility work. This type of case enabled us to plan our workload from two days to a month ahead."

The primary problems encountered were distances, bad roads, poor communication between the veterinarian and his client, lack of money. Also there is no licensing or national boards required so almost anyone can practice veterinary medicine. But in spite of these problems Dr. Tritschler points with pride to the progress that was made during his two-year stay.

"We increased our Colombian counterparts from one to five and our ambulatory vehicles from one to three. Our clients were educated to value good veterinary service as they hadn't used many veterinarians before. The students are getting practical experience and seeing disease conditions rather than just watching in a classroom situation. We introduced bull testing. Since Colombia is a big cattle country the clients could see the value they were receiving right away. Before our fertility program the calving percentage was about 45% and now it has increased to 85-95%."

When initiated, this aid program to Colombian universities was on a grant basis from the U.S. But now it is on a loan basis from the U. S. to Colombia on a year-to-year budget. Both governments foresee about a 10-year program which began in August, 1966. Dr. Tritschler was just one of many American veterinarians from mid-western universities who will devote their time and skills to the Colombian project.

The veterinary medical students have compiled a yearbook for the entire School.

The title *Anastomosis* was chosen for its medical definition of "a communication" or "the union of parts." The 80-page book will be available this fall.

— About the Faculty —

Dr. Edgar F. Ebert, professor of veterinary medicine and surgery, gave a paper on "Equine Surgery - Medicine, Practice Tips" June 12 at the Southwest Missouri VMA in Branson, Mo. Dr. Ebert's talk was accompanied by slides.

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Dr. Allen W. Hahn, professor of veterinary medicine and surgery, presented a paper on "Fabrication and Evaluation of Anode and Cathode Materials for Implantable Biopower Cells" July 20-25 at the 8th international Conference on Medical and Biological Engineering in Chicago, Ill.

Dr. Saul D. Larks, professor, and *Golda G. Larks*, research assistant, both of veterinary physiology and pharmacology, also presented a paper on "Computer-based Early Prediction of Cardiac and CNS Malformation" at the Conference.

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Dr. Myron E. Tumbleson, associate professor of veterinary physiology and pharmacology, presented a paper on "Serum Biochemic and Hematologic Parameters of Neonatal Fawns" August 5-8 at the American Society of Animal Science meeting at Purdue University, Lafayette, Ind.

Dr. Tumbleson will also present a paper on "Serum Biochemic and Hematologic Parameters as a Function of Age, in Female Dairy Cattle" August 24-26 at the international Gerontological Congress in Washington, D. C.

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Dr. Charles E. Short, assistant professor of veterinary medicine and surgery, will present an anesthesia short course for the Chicago VMA August 23-25 in Chicago.

106th A.V.M.A. Convention Attended By Many Veterinary Medical Faculty

Faculty members from the School participated in the 106th annual convention of the A.V.M.A. and related organizations' meetings July 13-17 in Minneapolis, Minn.

Participating directly in the convention were: Drs. E. A.

Corley, professor of veterinary medicine and surgery; A. R. Dommert, associate professor of veterinary microbiology; T. M. Eagle, associate professor of veterinary medicine and surgery; D. W. Johnson, professor of veterinary medicine and surgery; D. G. Kiger, research associate of veterinary medicine and surgery; W. F. McCulloch, director of veterinary continuing education; L. D. Olson, associate professor of veterinary pathology; and Mr. J. M. Donahue, graduate student in veterinary pathology.

Those faculty who presented papers or presided over other professional meetings included: Drs. E. R. Ames, assistant professor of veterinary microbiology; G. C. Shelton, associate dean for academic affairs for the School; and R. B. Wescott, associate professor of veterinary microbiology — American Assn. of Veterinary Parasitologists; C. C. Middleton, director of the Sinclair Research Farm; H. E. Jensen, research associate in veterinary medicine and surgery — American Society of Veterinary Ophthalmology; R. E. Doyle, assistant director of laboratory animal medicine; R. E. Flatt, associate professor of veterinary pathology; B. E. Hooper, associate professor of veterinary pathology; K. L. Kraner, director of laboratory animal medicine; N. M. Patton, research associate of veterinary pathology; and R. W. Rings, research associate in veterinary medicine and surgery — American College of Laboratory Animal Medicine; A. A. Case, professor of veterinary medicine and surgery — American College of Veterinary Toxicology; and Mrs. Roger Linden, veterinary medical records librarian — American Assn. of Veterinary Medical Records Librarians.

Also in attendance in Minneapolis were: Drs. H. H. Berrier, associate professor of veterinary pathology; W. S. Bivin, instructor in veterinary anatomy; J. E. Breazile, professor of veterinary anatomy; T. M. Curtin, professor and chairman of veterinary physiology and pharmacology; J. Frewein, associate professor of veterinary anatomy; R. C. McClure, professor and chairman of veterinary anatomy; and H. F. Troutt, research associate in veterinary pathology.

School of Veterinary Medicine
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