



VETERINARY MEDICAL REVIEW

School of Veterinary Medicine
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Dr. Kraner Named AALAS President-elect

Dr. Keith L. Kraner, professor of veterinary medicine and surgery and director of animal resources for the University of Missouri, was recently named president-elect of the American Association for Laboratory Animal Science, the largest laboratory animal science association in the world.

Dr. Kraner has served on the Board of Directors for three years and was chairman of the awards committee for two years. He has been at the University of Missouri since 1966. He received a B.S. and D.V.M. from Ohio State University.

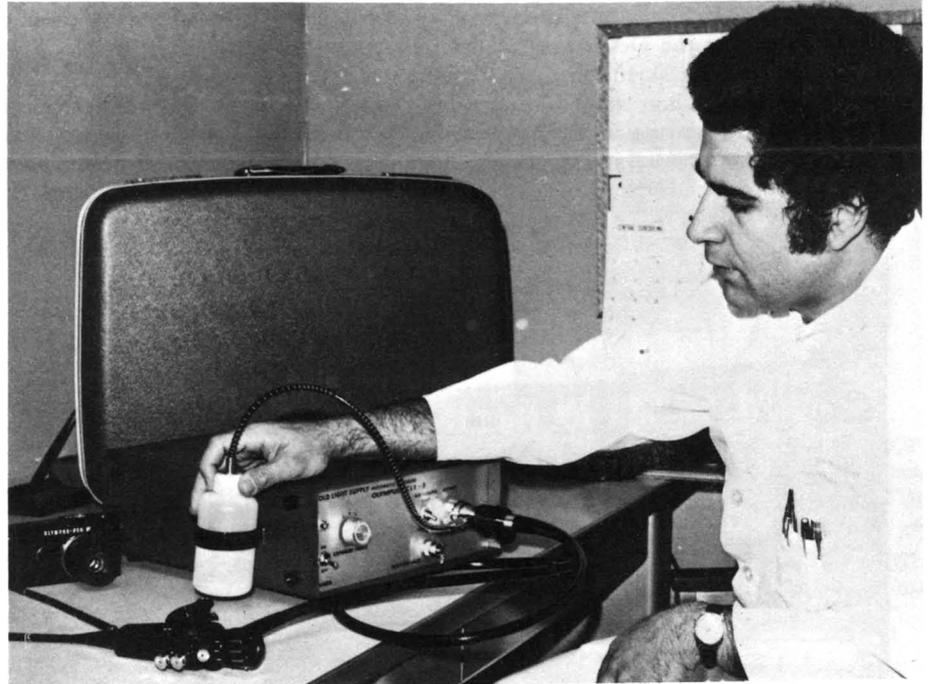
He was a veterinarian with the U.S. Air Force from 1956 to 1966 and was one of the scientists who participated in the space program from 1957 to 1963. He pioneered in the field of intrauterine fetal surgery and developed many of the techniques now used throughout the world.

Dr. Kraner is a diplomat in the American College of Laboratory Animal Medicine and is a member of Phi Eta Sigma, Gamma Sigma Delta, Phi Zeta, and the American Association for Advancement of Science.

He is listed in American Men of Science, World Who's Who in Science and Who's Who in the Midwest.

Career Day Planned

Career Day at the School of Veterinary Medicine will be held on Thursday, March 28, 1974, for Missouri high school students.



St. Louis Dog Breeders Donate New Equipment

Dr. M. J. Bojrab examines a new piece of equipment recently purchased for the School of Veterinary Medicine with a \$3,800 grant from the St. Louis Dog Breeders Association. The gastrointestinal fiberoptic unit will be used with small animals to diagnose problems in the intestinal tract, lungs and other hollow organs and will allow biopsies to be taken as well as other procedures to be performed that have not been possible in the past without surgery. In a case where surgery might still be necessary, surgeons will be able to use the fiberoptic unit to pinpoint and diagnose specifically what the problem is and

what will have to be done. In some cases, it may also be used to retrieve foreign bodies.

Dr. Bojrab, associate professor of veterinary medicine and surgery, met with the St. Louis Dog Breeders Nov. 27 and demonstrated the use of the machine. He also talked on tracheal collapse.

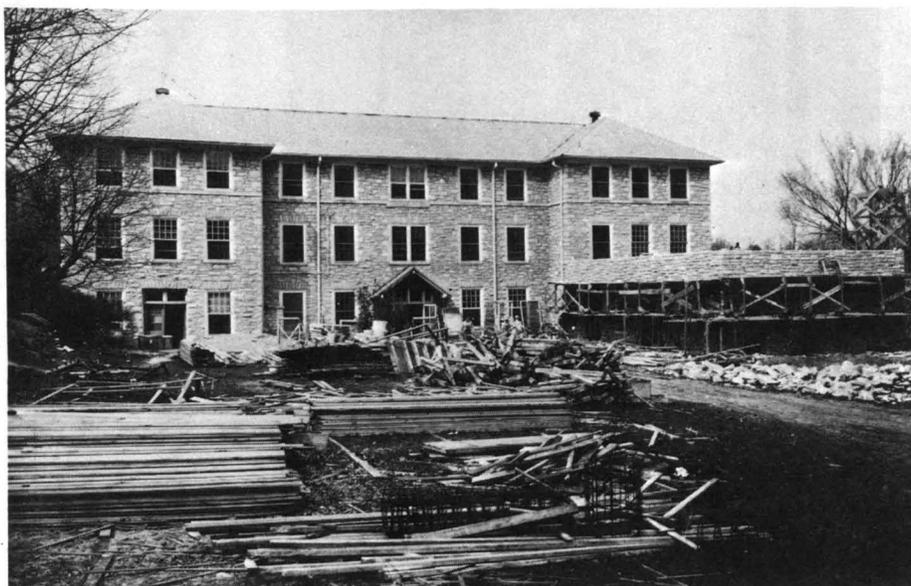
In the past three years the group has donated money for an electro-surgical unit, ophthalmology diagnostic equipment, an electrocardiograph and other cardiology equipment and for research on heartworm disease in dogs.

Remember When . . .

the first class entered the School of Veterinary Medicine?

The School of Veterinary Medicine will be celebrating the graduation of the 25th class in May 1973. What was it like back in 1946 when the Department of Veterinary Medicine was plunged into forming a School of Veterinary Medicine and accepted that first class of freshmen? The following excerpts, slightly edited, have been taken from History of the School of Veterinary Medicine written by Dean Emeritus Aaron Groth in 1968:

The war years and those immediately following were difficult ones for the Department and for the University. Student enrollment skyrocketed. Funds were cut back and equipment was in short supply or unavailable. Construction of needed buildings was out of the question. Buildings that were no longer needed on military posts were dismantled and moved to the campus.



Connaway Hall—1948

A considerable number of the returning veterans wanted to study veterinary medicine, but they could not gain admission to any of the ten schools of veterinary medicine in the United States and Canada because all of them were swamped with applicants. There was a shortage of veterinarians and a need to train them in greater numbers. In Missouri, the average age of veterinarians was 58 years and there were more than 20 counties that had no veterinary graduate.

A School is Established

On several occasions the Governor's Board of Visitors had recommended the establishment of a School of Veterinary Medicine. This recommendation was brought to the attention of members of the General Assembly by groups of veterans. Their inability to be admitted to any of the

existing schools was also stressed. The result was that the 63rd General Assembly appropriated \$240,000: "to establish a school of veterinary science."

Quite obviously the University administration had enough problems without having to assume the responsibility for developing a new professional program. So it is understandable that the University felt that it had something dumped in its lap and that it was less than enthusiastic about a "School of Veterinary Science."

Dr. Durant Begins Plans

The responsibility of developing a "School of Veterinary Science" was given to the College of Agriculture with Dr. Durant and the Department of Veterinary Science carrying most of the load. Drs. Durant, Cecil Elder, H.C.

McDougle, A.W. Uren, O.S. Crisler and D.E. Rodabaugh formed the nucleus on which the faculty was built. (Editor's Note: Drs. Durant, Elder and McDougle have all retired and carry the title professor emeritus. Drs. Uren (1960) and Crisler (1954) are deceased. Dr. Rodabaugh retired in 1973 and remains on the faculty in a half-time capacity.)

With some remodeling of Connaway Hall and the addition of a one-story wing, the physical plant was ready for use. A "temporary" building was erected immediately southeast of Connaway Hall. This building had been on a mili-

tary base and after being dismantled and moved to the campus was reconstructed. It provided space for clinical activities and the teaching of veterinary physiology and pharmacology. The building is still in use.

First Class Accepted

With only limited funds available, it was decided to admit 30 students in each class and only Missouri residents. It was believed that the first class would be accepted in the fall of 1947, but the pressure was so great that the first class was admitted in the fall of 1946. Only limited publicity was given to the change in plans and there were not enough qualified Missouri residents to fill the first class. Three men from Nebraska and one from Tennessee were admitted. Following their graduation in 1950, two of the four non-residents located in Missouri for practice.

Workshop Focuses On Disc Syndrome

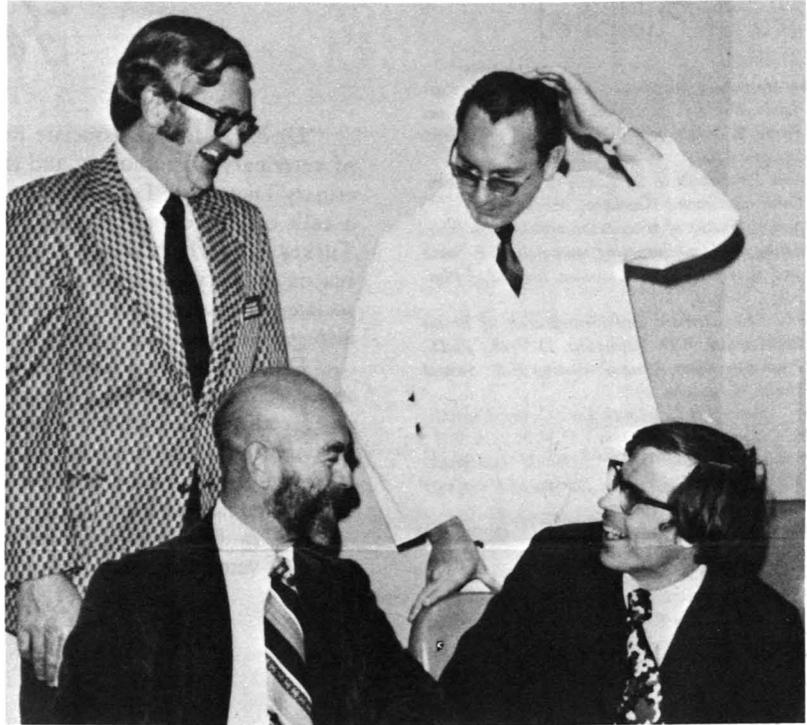
A workshop on Canine Disc Syndrome was attended by nine veterinarians Nov. 17-18 at the UMC School of Veterinary Medicine.

The first day was devoted to lectures on surgical, anesthetic and radiologic principles by Drs. M.J. Bojrab, surgery; C. E. Short and R.R. Paddleford, anesthesiology; and L.A. Corwin Jr., radiology, all of the Department of Medicine and Surgery faculty.

The second day was planned with a series of three rotating wet laboratory sessions with each participant acting as surgeon, assistant surgeon and anesthesiologist.

Those attending included: Drs. Ronald G. Wade, St. Joseph; G. T. Barrows, Kansas City; M.C. Alson, St. Joseph; R.A. Humphrey, Ashville, N.C.; L.L. Cooper, Shawnee, Kan.; Frank R. Soloman Jr., Wichita, Kan.; James C. Beckley, Fairbanks, Alaska; and A.C. Eschenroeder, St. Louis.

The workshop was sponsored by the School of Veterinary Medicine, the University Extension Division and the Office of Veterinary Medical Continuing Education. It was approved for 16 hours of continuing education by the Missouri Academy of Veterinary Medicine.



Dr. Franklin Lectures

Dr. Dean Franklin, seated at left, enjoys a few minutes of lighthearted conversation with Dr. Allen Hahn, seated, Dean Kenneth D. Weide, standing at left, and Dr. Ron Sprouse. Dr. Franklin was a guest lecturer in the School of Veterinary Medicine and spoke on "New Techniques in Evaluation of Myocardial Ischemia—Animal Models." He is a research physiologist at Scripps Institute and associate professor of the School of Medicine, University of California—San Diego. He also spoke to the Institute of Electronic and Electrical Engineers while on campus.



Spring Workshop Planned

(From l. to r.) Dr. C.R. Dorn, associate professor of veterinary microbiology; Dr. Robert Anderson, University of Minnesota; Dr. L.A. Selby, associate professor of veterinary microbiology; Dr. Harold B. Hubbard, Pan American Health Organization, Washington, D.C.; and Dr. D.C. Blenden, professor of veterinary microbiology, met recently to plan an educational workshop which will focus on teaching methods in veterinary medicine. The 4-5 day workshop, which is tentatively scheduled to be held at the School of Veterinary Medicine in May, 1974, will be co-sponsored by the Teachers of Veterinary Public Health and Preventive Medicine and the Pan American Health Organization. Dr. Selby is workshop chairman.

Dean Weide Attends Council of Deans

Dean Kenneth D. Weide, School of Veterinary Medicine, attended the Council of Deans meeting of the American Association of Veterinary Medical Colleges Nov. 12 and 13 in Washington, D.C.

He also testified before House Subcommittee hearings in support of Animal Health Research legislation and met with Missouri Congressmen, Rep. Richard Ichord, Rep. Jerry Litton, Sen. Thomas Eagleton and Sen. Stuart Symington, to discuss legislation related to veterinary medicine.

Attend the MVMA meeting
January 27-28 in Kansas City.

Research Published

- A force transducer for cardiac muscle strips*, H. Kurt Jacobs, David P. McConnell, Blair A. Rowley, and Frank E. South, *Journal of Applied Physiology*, September, 1973.
- Cat Gene Frequencies in St. Louis*, C. Richard Dorn, *Carnivore Genetics Newsletter*, May, 1973.
- Contraction kinetics of ventricular muscle from hibernating and nonhibernating mammals*, F.E. South and H. Kurt Jacobs, *American Journal of Physiology*, August, 1973.
- Cultural Characteristics and Identification of Bovine Rhinoviruses*, B.D. Rosenquist, D.V.M., Ph.D., *Proceedings 76th Annual Meeting U.S. Animal Health Association*, 1972.
- Factors Affecting Risk of Urolithiasis-Cystitis-Urethritis in Cats*, C. Richard Dorn, D.V.M., M.P.H.; Suzanne Saureissig, D.V.M.; Donald A. Schmidt, D.V.M., Ph.D. *American Journal of Veterinary Research*, March, 1973.
- Induction and Biological Significance of Interferon, with Particular Reference to Cattle*, Bruce D. Rosenquist, D.V.M., Ph.D., *JAVMA*, October, 1973.
- Inhibition of Escherichia coli on cellulose acetate membrane filters*, Olen R. Brown, *Microbios*, July, 1973.
- Micrognathia and Cerebellar Hypoplasia in an Aberdeen Angus Herd*, Larry Edmonds, David Brenshaw and Lloyd A. Selby, *the Journal of Heredity*, March-April, 1973.
- Pathology and Epidemiology of Conjoined Twinning in Swine*, Lloyd A. Selby, Abbas Khalili, Robert W. Stewart, Larry D. Edmonds and Carl J. Marienfeld, *Teratology*, August, 1973.
- Pathogenesis of Marek's Disease: Early Distribution of Virus and Viral Antigens in Infected Chickens*, Hans K. Adldinger and Bruce W. Calnek, *Journal of the National Cancer Institute*, May, 1973.
- Sensitivity of Oxygen at High Pressure of Radioresistant and Radiosensitive Strains of Bacteria*, Olen R. Brown and Darwin Peterson, *Aerospace Medicine*, January, 1973.
- Susceptibilities of intracellular and surface sulphhydryl groups of Escherichia coli to oxidation by hyperoxia*, Jack L. Stees and Olen R. Brown, *Microbios*, July, 1973.

Faculty Notes

Dr. E.L. McCune, associate professor of veterinary microbiology and the Veterinary Diagnostic Laboratory, presented a talk on E. coli at the 20th Annual Turkey Day which was held in Columbia on January 31. Dr. LeRoy Olson, associate professor of veterinary pathology, also gave a report on Cholera.

Dr. Gerald Buening, associate professor of veterinary microbiology, presented a paper at the 6th National Anaplasmosis Conference, March 18 to 21. The conference was sponsored by Research Workers in Anaplasmosis.

Dr. B. D. Rosenquist, associate professor of veterinary microbiology, was in

East Lansing, Mich., from March 5 through March 8 at a symposium sponsored by the AVMA. He presented a paper on "Immunity to Selected Infectious Diseases of Cattle."

Dr. L. G. Morehouse, professor of veterinary pathology and director of the Diagnostic Lab., was in Phoenix March 7-9 at the Swine Health Seminar. The seminar was sponsored by the Arizona VMA, Arizona Pork Producers and Co-operative Extension Service, University of Arizona. Dr. Morehouse presented discussion of eight infectious diseases of young swine.

School of Veterinary Medicine

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