



# VETERINARY MEDICAL REVIEW

College of Veterinary Medicine

University of Missouri-Columbia

September 1, 1975 No. 88

## \$147,635 granted for OFA building

The Orthopedic Foundation for Animals (OFA) has been given \$118,290 for a new office building and records center by the John M. Olin Foundation, St. Louis. In addition to this amount the OFA is contributing \$29,345.

The new building will house the OFA administrative office, a data collection and retrieval center and serve as an educational resource devoted to the study of orthopedic problems in companion animals. Located on the 288-acre Middlebush Farm south of the main campus, the new building will also provide additional office space for UMC Equine Center faculty.

Affiliated with the College of Veterinary Medicine at the University of Missouri-Columbia, the OFA provides a radiographic referral service in cooperation with the American College of Veterinary Radiology. The nationwide panel of veterinary radiologists evaluate pelvic radiographs of purebred dogs with respect to canine hip dysplasia. The new building will house the OFA collection of pelvic radiographs which contains films of over 120 different breeds of dogs and is the largest all-breed film collection of its kind. Dr. J. S. Larsen, Adjunct Associate Professor of Veterinary Medicine and Surgery, is the Director of the OFA.

## Dr. Martin receives grant

Dr. C. E. Martin, professor and chairman of veterinary medicine-surgery, recently received a grant for \$10,300 from the U.S. Department of Agriculture to investigate the causes of mastitis-metritis-agalactia (MMA) in swine.

Dr. Martin has been working on MMA or lactation failure in swine since 1966 when he was at Purdue University. In the past he has received funds from the Veterinary Medicine Research Council, Agriculture Experiment Station, Missouri and National Pork Producers Associations for research on this disease. This grant from the USDA will allow him to continue cooperative work with the North Central Research Council, an association of states in this region plus Alabama.



*John Kennedy (right), president of the Horseman's Benevolent and Protective Association, presented Dr. K. D. Weide, Dean of the College of Veterinary Medicine, with a \$500 check at Cabokia Downs Race Track, Collinsville, IL on July 25, 1975. This donation will be used to purchase equipment at the Equine Center.*

## Budget reductions hit college

Along with all other units of the University, the College of Veterinary Medicine received budget reductions for operations during 1975-76. The College was hit twice as hard, however, since it also had a sizeable reduction (21.8%) in federal funds earmarked for instruction.

Failure of State government to meet the needs of the University resulting from inflation and reductions in federal programs combined to reduce the College budget nearly 6%. This follows four years of reductions on a lesser scale; the five-year result has placed the College in a "bare bones" situation. Monies were received for very modest salary increases for both faculty and staff.

1975-76-Budget Reductions	
University Appropriations	\$78,745
Experiment Station	9,300
Extension	3,000
Federal Capitation Funds	87,214
Total Reduction	\$178,259

The College could no longer absorb budget reductions and it was necessary to close one College unit and reduce another. The Educational Resources area was closed and the Research Farm north of town was reduced to maintenance status. Nine non-academic positions were terminated. Every effort has been made to maintain quality of instruction and to minimize effects in service and research areas.

## Faculty present Papers at AVMA

## 190 attend baby pig seminar

One-hundred-ninety pig producers, veterinarians and other interested persons attended the seminar "Diseases of Baby Pigs, Birth to One Week Post-Weaning" at the Ramada Inn, Columbia, August 7-8, 1975. The program was sponsored by the University of Missouri College of Veterinary Medicine and the College of Agriculture in cooperation with the Missouri Pork Producers Association and the Missouri Veterinary Medical Association.

Sixty-four Missouri counties and the neighboring states of Iowa, Ohio, Indiana, Arkansas, Colorado, Illinois, Kansas and Minnesota were represented.

Missouri counties represented were: Montgomery (8), Pettis (6), Howard (5),

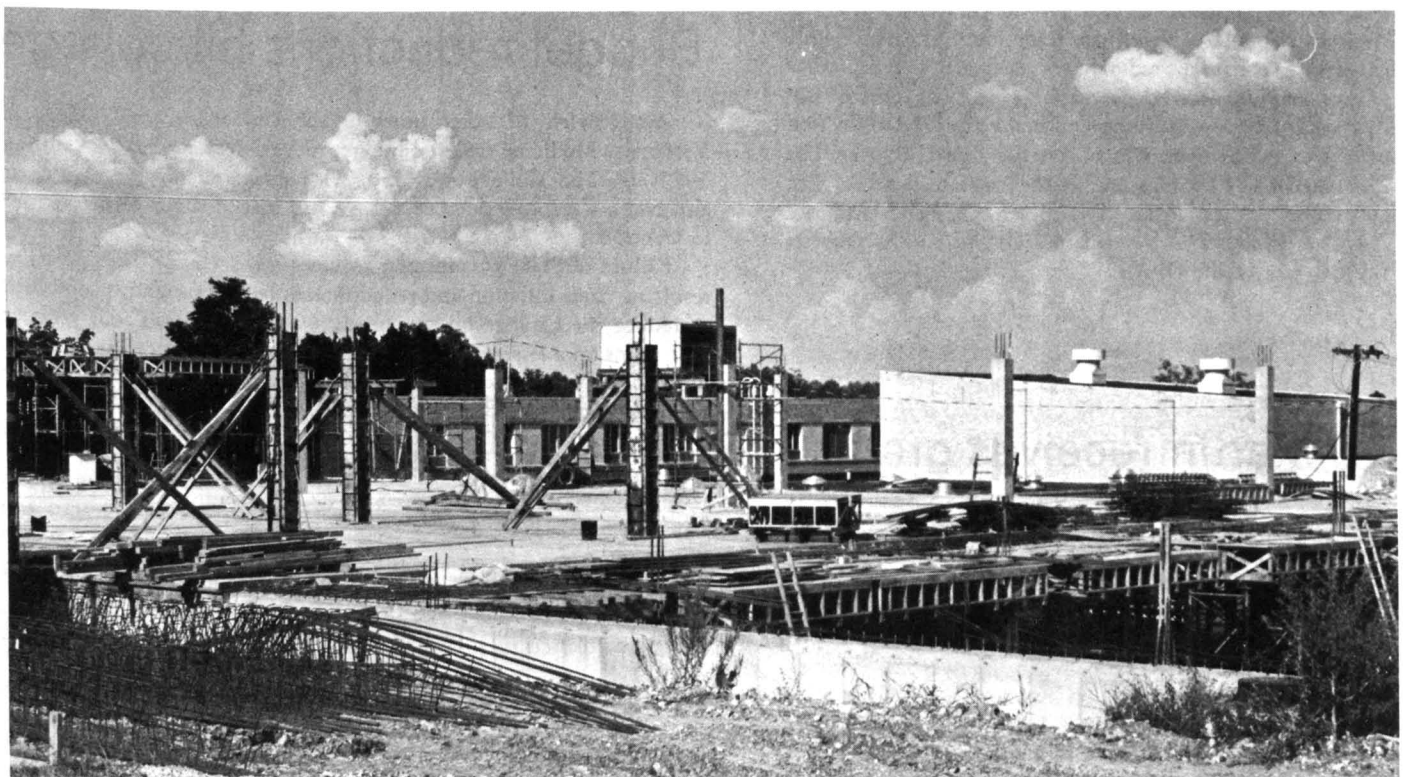
Jackson (3), Boone (40), Chariton (4), Audrain (4), Gentry (3), Lincoln (5), Nodaway (3), Saline (4), Cedar (3), Mercer (2), DeKalb (2), Oregon (3), Morgan (3), Livingston (2), Cooper (2), Randolph (2), Atchison (2), Callaway (3), Daviess (2), Holt (2), Carroll (4), Lafayette (3), Christian (2), and one attendee from each of the following counties: Moniteau, Clinton, Johnson, Dent, Howell, Miller, Maries, Texas, Shelby, Laclede, Linn, Jasper, Benton, Ripley, Monroe, New Madrid, Crawford, Perry, St. Louis, Johnson, Newton, Dade, Ralls, Bates, Douglas, St. Charles, Vernon, Henry, Osage, Reynolds, Barry, Cape Girardeau, Buchanan, Cole, Pike and Cass.

Dr. C.E. Martin, professor and chairman of veterinary medicine-surgery; Dr. H.E. Jensen, associate professor of veterinary medicine-surgery; and Dr. J. E. Wagner, professor of veterinary pathology attended the American Veterinary Medical Association meeting in Anaheim, CA on July 11-18 and presented papers.

Dr. Martin presented a paper entitled "Practitioner Qualification for Examination to the American College of Theriogenologists," Dr. Jensen presented the paper "Ophthalmic Pathology in Stereoscopic Slides," and Dr. Wagner presented "Cytosporidiosis in Cats in Southwestern Missouri, U.S.A."

Also attending the AVMA meeting were Drs. A. A. Case, professor of veterinary medicine-surgery; Dr. D. C. Blendon, professor of veterinary microbiology; Dr. J. D. Rhoades, associate professor, continuing education in veterinary medicine; Dr. R. W. Loan, professor and chairman of veterinary microbiology; Dr. Jack J. Broadhurst, assistant professor of veterinary medicine-surgery; Dr. G. A. Van Gelder, professor and chairman of department of veterinary anatomy-physiology; and Dr. K. D. Weide, Dean, College of Veterinary Medicine.

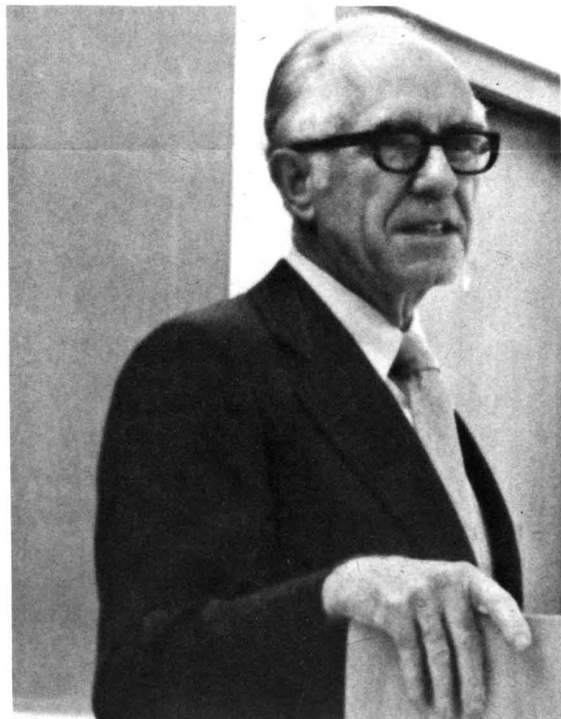
## Construction on new building continues



The veterinary medical profession was well represented at the State Fair, August 15-24, in Sedalia. The Missouri Veterinary Medical Association, the College of Veterinary Medicine, the State Veterinarian's Office, the Army Veterinary Corps and a pharmaceutical company all contributed in making the veterinary medical display a success. Students and practicing veterinarians were on hand to give demonstrations and answer questions for the many visitors.



## Schooling welcomes students



Chancellor H. W. Schooling welcomed 72 freshman students as they began their studies in veterinary medicine at the College of Veterinary Medicine on August 25 and urged them to make time to take advantage of cultural opportunities provided by the University of Missouri.

The Class of 1979 includes students from Missouri (65), Nebraska (4), Arkansas (1), Connecticut (1), and Wisconsin (1), ranging in age from 19 to 29.

The College continues to see an increase in women veterinary students. This year's class has 16 women, compared to 13 last year and 11 the year before. A total of 48 of the 286 students in the College this year are women.

Applications from 551 persons were reviewed by the Admission's Committee this year before the freshman class was chosen. Missouri residents accounted for 288 of these while 263 were from out-of-state.

Thirty-three of the 72 beginning students came from agriculture majors, 36 from arts and sciences and three from other areas. Thirty-six of them received at least part of their preprofessional education from UMC while the others never previously attended this University. Thirty-three of them have bachelor's degrees and four have master's degrees.

The average total number of semester hours completed by the 72 beginning students is 118.47 with an average grade point average of 3.3.

## Dr. Wagner studies new cat disease

A heretofore unreported disease of cats is being studied by Dr. J. E. Wagner, professor, Research Animal Diagnostic Laboratory, College of Veterinary Medicine on a contract from the USDA Animal and Plant Health Inspection Service.

The disease, referred to as *Cytauxzoonosis*, is caused by a protozoan parasite belonging to the genus *Cytauxzoon* and has not been reported previously in the United States or in domestic cats anywhere. *Cytauxzoonosis* appears to be transmitted by ticks and has appeared primarily in cats allowed to run outdoors in heavily wooded areas in Southwestern Missouri. Clinical signs of the disease include loss of appetite, depression, high fever, and dehydration. Affected animals may also be anemic and jaundiced with pale or yellowish mucous membranes. Cats showing these symptoms are likely to die of the disease. A wildlife reservoir for the disease is suspected, as the cat appears to be a dead-end host.

Drs. Wagner and Morehouse who are supervising the study hope to learn how extensive the disease may be in Southwestern Missouri and determine if it possibly affects other animal species including domestic livestock and wildlife. Second-year student Roger Bisges has been working this summer with Dr. Robert E. Schmoll, a 1957 graduate of the College of Veterinary Medicine, of the Branson Veterinary Clinic collecting tissues for examination.

## Faculty Notes

*Dr. K. L. Kraner*, director of animal resources, presented a paper entitled "Current Trends in Biomedical Research" to the National Institutes of Health and United States Department of Agriculture officials in Washington, D.C., and to the Regional American Association of Laboratory Animal Sciences Meeting in East Brunswick, N.J. on June 2-6. He presented a paper entitled "Problems and Trends in Medical Research" to the American Association of Laboratory Animal Sciences Meeting in Dallas, TX, on June 11-13.

*Dwight Owens*, research assistant of veterinary pathology, presented a paper entitled "Biological Monitoring for Airborne Bacteria in a Laboratory Animal Facility" to the North Central Conference for Veterinary Diagnosticians in St. Paul, MN, on June 9-11.

*Fred White*, instructor in veterinary pathology, presented a lecture entitled "Manual Chemistry Methods" in a Continuing Education seminar at the University of Nebraska, Curtis, NB, April 11.

*Dr. F. E. South*, professor of veterinary anatomy-physiology, attended the Federation of the American Society for Experimental Biology (Physiological Society) and presented a paper entitled "Air Temperature and Calorimetry of the California Sea Lion" in Atlantic City, NJ, on April 13-19.

*Wayne Miller*, graduate student in veterinary anatomy-physiology, attended the Federation of the American Society for Experimental Biology and presented a paper entitled "Effect of Intestinal Fluid Absorption on Plasma Volume Restoration Following Hemorrhage" in Atlantic City, NJ, on April 13-18.

*Dr. B. W. Kingrey*, professor of veterinary medicine-surgery, presented the keynote address entitled "The Role of Veterinary Medicine in U.S. Food Production" at a Phi Zeta Symposium, Purdue University, Lafayette, IN on April 14-16.

*Dr. J. E. Wagner*, professor of veterinary pathology, presented "Diagnostic and Clinical Features of *Cytauxzoonosis*" at a Southwestern Missouri Veterinary Association meeting in Springfield on July 1, 1975.

*Dr. L. A. Selby*, associate professor of veterinary microbiology, made two presentations at the Wyoming Veterinary Medical Association meeting in Buffalo on June 16 and 17; "Feedlot Pollution" and "Rabies."

*Dr. L. D. Olson*, associate professor of veterinary pathology, attended the XX World Veterinary Congress in Thessaloniki, Greece, July 2 to 23 and presented "Comparison of Various Drugs for Prevention and Treatment of Swine Dysentery."

*Dr. R. C. McClure*, professor of veterinary anatomy-physiology, participated in the International Anatomists Nomenclature Commission meeting in Thessaloniki, Greece, and consulted with the faculty of veterinary colleges in Zurich, Switzerland; Vienna, Austria; and Hannover, West Germany.

College of Veterinary Medicine

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