



# VETERINARY MEDICAL REVIEW

College of Veterinary Medicine

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## *Visiting Lecturer Series sponsors Dr. Ginther*

Dr. O. J. Ginther, associate professor in veterinary science at the University of Wisconsin-Madison, was the second speaker featured in the Visiting Lecturer Series sponsored by the College of Veterinary Medicine.

Dr. Ginther presented a seminar on "Reproductive Physiology of Domestic Animals — Regulation of Physiological Processes through Venoarterial Pathways" on Nov. 19. He has published widely on the subject of reproductive physiology and has made substantial research contributions in the areas of uterine-induced luteolysis, gonadal and pituitary physiology, physiology of pregnancy in mares, effects of season and light on ovaries in mares, and mastitis-metritis-agalactia syndrome of swine.

Dr. Ginther earned B.S. and V.M.D. degrees and M.S. and Ph.D. degrees in reproductive physiology from the University of Wisconsin.



*Dr. C. E. Martin (left), professor and chairman of veterinary medicine and surgery, discusses mastitis-metritis-agalactia in swine with Dr. O. J. Ginther, recent visiting lecturer.*

## Vet. Med. Review to be changed

The *Veterinary Medical Review* is being combined with the *Life-Long Learning Newsletter* for publication once every two months, beginning in March, 1976.

This publication will be in a new format and in addition to general College news will include an educational section with self-assessment questions.

## Alumni Center under construction

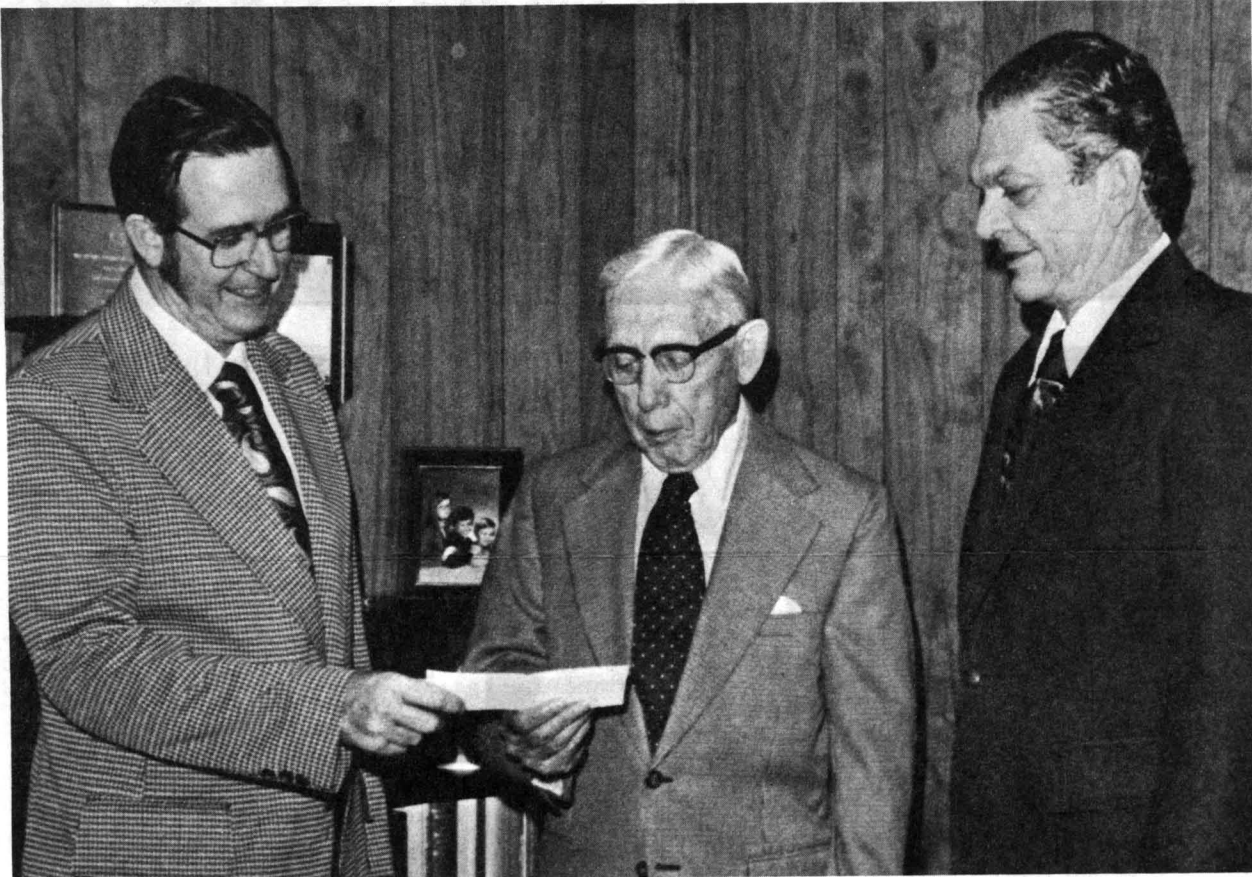
Groundbreaking ceremonies for the \$800,000 Alumni Center being built on Highway 740 overlooking the University Golf Course were held Sept. 27.

The 17,000-square-foot building will provide headquarters for 120,000 UMC alumni and offices for the professional staff involved in Alumni Relations and the Development Fund. The Alumni Center will be a brick and limestone structure, financed entirely through private donations — no tax monies are involved. Construction is expected to be completed by next fall.

G. H. Entsminger, Vice Chancellor of Alumni Relations, said, "The Center will provide a place for all alumni,

individually and in groups, to stop by their 'headquarters' to visit and feel welcome. The lounges and conference rooms will accommodate many functions — pre and post game football game coffees, alumni-student-faculty get-togethers, receptions for alumni associations and the Development Fund Board, Columns Club, Jefferson Club, meetings of working committees and other groups. The Center also can serve as a core unit for an alumni college and seminars for various alumni and professional organizations.

"All the Alumni Relations and Development staff members now scattered over the campus will be gathered to serve alumni more efficiently."



Dr. L. W. Dewhirst, Assistant Dean, accepts check from Dr. Elder as Dr. W. H. Eyestone, Chairman of Veterinary Pathology Department, looks on.

## Dr. Elder funds award

Dr. Cecil Elder, professor emeritus of veterinary pathology, recently presented the College of Veterinary Medicine with a check for \$2,000 to fund the "Cecil Elder Award in Veterinary Pathology."

Each year this \$100 award will be presented to a second-year veterinary medical student who has demonstrated exceptional interest and academic capability in veterinary pathology. Presentation of the award will be made annually at the College's Honors Convocation Banquet or a similar event. This award will be funded through perpetuity by the interest from Dr. Elder's gift.

Dr. Elder joined the College faculty in 1931 and was placed in charge of the area of pathology. He organized the Department of Veterinary Pathology and served as its chairman from 1947-63.

## Dr. Morehouse speaks on cytauxzoonosis

Dr. L. G. Morehouse, Director of the Veterinary Medical Diagnostic Laboratory, recently delivered a paper on cytauxzoonosis in cats and its possible exotic disease implications before members of the emergency disease staff of the USDA Animal and Plant Health Inspection Service in Hyattsville, MD.

As a laboratory coordinator for the USDA Regional Emergency Animal Disease Eradication Organization's program in the North Central United States, Dr. Morehouse spent one week at the Plum Island Animal Disease Center in New York. While there, he worked with demonstrations of the ten foreign animal diseases that constitute the greatest threat to U.S. livestock and Poultry.

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Experience is a wonderful thing for it enables you to recognize a mistake when you make it again.

## Faculty instruct practitioners in short courses

Attendance was good at the two workshops recently cosponsored by the College of Veterinary Medicine and UMC Extension Division.

Thirteen veterinarians attended the Soft Tissue Surgery Workshop Nov. 7-8 which was taught by Dr. M. J. Bojrab, associate professor of veterinary medicine and surgery. Drs. G. C. Lantz and R. M. Bright, resident veterinarians, assisted with the surgery.

Cage Birds and Individual Laboratory Animal Practice was attended by eleven Missouri veterinarians and several veterinary medical students from the College. Dr. G. G. Doering, associate professor of veterinary medicine and surgery, and Dr. E. L. McCune, associate professor of veterinary microbiology, handled the program.

## Research published

South, F. E., Hartner, W. C., and Luecke, R. H.: Responses to preoptic temperature manipulation in the awake and hibernating marmot. *Am. J. Physiology*, 229 (1975).

Allbritton, A. R., and Loan, R. W.: Correlation of cytotoxicity with experimental allergic encephalomyelitis. *Cellular Immunology*, 19 (1975).

Ivins, G. K.: Sex determination in raptorial birds—a study of chromatin biology. *J. Zoo Animal Med.*, 6 (1975).

Dorn, C. R., Pierce, J. O., Chase, G. R., and Phillips, P. E.: Environmental contamination by lead, cadmium, zinc, and copper in a new lead-producing area. *Environ. Res.*, 9 (1975).

Marsik, F. J., Parisi, J. T., and Blendon, D. C.: Transmissible drug resistance of *Escherichia coli* and *Salmonella* from humans, animals, and their rural environments. *J. Infect. Dis.*, 132 (1975).

*Dr. E. L. McCune did not let a broken leg and crutches keep him from helping out at the recent Cage Birds Workshop. Here he posts a parakeet for participants.*



## Dr. Henthorn participates in Mid-Career Program

Dr. David Henthorn, Morgan City, LA, is currently enrolled in the small animal medicine block through the College of Veterinary Medicine's Mid-Career Program.

Dr. Henthorn is a 1970 graduate of the College and is part of a four-man veterinary practice located in Morgan City, Franklin and Houma, LA. He decided to participate in the Mid-Career Program to brush up on new advances in small animal medicine which he felt a person engaged in a busy practice might not have had time to keep up with.



*Dr. David Henthorn, a practitioner from Morgan City, LA, who is taking the small animal medicine block, examines a cooperative patient at the Veterinary Teaching Hospital.*

## “There is only one medicine”

Veterinarians already know the contributions their profession has made to human medicine but may have wondered if physicians were equally aware. The October, 1975 issue of *MD* magazine featured an article on veterinary medicine and a summary of the article follows.

One area where veterinarians have contributed much to human medicine is with drugs and vaccines. Diphtheria toxoid and tetanus toxoid were both developed by the French animal physician Gaston Ramon. Danish veterinarian Bernard Bang developed tuberculin in 1880 and demonstrated its epidemiological effect.

In microbiology, Bang discovered *Brucella abortus* and virus-caused leukosis in poultry. Veterinarian Daniel E. Salmon discovered the genus *Salmonella*, and France's animal physiologist and pathologist J. B. A. Chauveau identified *Clostridium chauvoei*. Griffith Evans in India discovered the first known trypanosome pathogen, *Trypanosoma evansi*.

Tabourin, a 19th century French veterinarian, devised the first crude hypodermic syringe. Orthopedists owe one of the successful hip-femur prosthesis to Air Force Colonel Harry A. Gorman, who developed it for a pet poodle and saw it successfully adapted for human arthritis sufferers. Veterinarians performed the first spinal anesthetic procedures and equine veterinarians were the first to observe the beneficial effects of early ambulation after surgery.

While private practice presently claims two-thirds of the veterinary profession, veterinarians are needed in public health to control zoonoses and improve food hygiene and in comparative medicine to work with animal models.

Veterinarians have progressed from the identification of zoonoses and their pathogens to the study of biomedical models. A long list of human infections, malignancies, dysfunctions, malformations, and degenerative processes has already been found naturally occurring in identical or similar form in animal species. Sir William Osler, M.D., summed it up when he said, “There is only one medicine.”

# Faculty Notes

*Dr. C. W. Foley*, professor of veterinary anatomy-physiology, gave two lectures on "Artificial Insemination in Swine" and "Factors Influencing Litter Size" to a swine producers group in Richland, IA on Sept. 24.

*Dr. L. G. Morehouse*, director of veterinary diagnostic laboratory, served as chairman of a site visitation committee for the National Laboratory Accreditation Board of the American Association of Veterinary Laboratory Diagnosticians on Oct. 14-17. He visited Florida State Dept. of Agriculture Laboratories at Kissimmee and Live Oak, FL and the Veterinary Diagnostic Laboratory at the Coastal Plains Experiment Station, University of Georgia, Tifton, GA.

*Dr. L. D. Olson*, associate professor of veterinary pathology, spoke on "Oral *E. coli* Scours Vaccine" and "Swine Dysentery" at the MVMA Swine Seminar on Sept. 7 in Jefferson City. Dr. Olson also spoke on "Monitoring Swine Dysentery in Feeder Swine" at the National Feeder Pig Dealer's Association annual meeting at Osage Beach on Sept. 20.

*Drs. R. G. Elmore*, and *J. D. Gunther*, residents in veterinary medicine and surgery, attended the Society for Theriogenology annual meeting in Cheyenne, WY on Sept. 23-26.

*Dr. J. H. Johnson*, associate professor of veterinary medicine and surgery, attended a two-day seminar on acute abdomen at the University of Illinois, Champaign-Urbana on Oct. 2-3.

*Dr. E. B. Breitschwerdt*, veterinary assistant in veterinary medicine and surgery, was a guest speaker at a Kansas City MVMA meeting on Oct. 16. He spoke on "Neurological Examination Made Simple."

*Dr. R. Owens*, research assistant in veterinary microbiology, attended an American Society of Microbiology branch meeting and presented a paper on "The Effectiveness of Paladium Chloride on the Growth of Anaerobic Bacteria" in Kansas City, MO on Oct. 15-16.

*Dr. R. F. Solorzano*, associate professor in veterinary microbiology, presented "Laboratory Diagnosis of Bovine Virus Diseases" at a branch meeting of the American Society for Microbiology in Kansas City, MO on Oct. 17.

*Dr. R. S. Youngquist*, assistant professor of veterinary medicine and surgery, presented "Reproduction of the Mare" at Longview Community College in Lee's Summit on Oct. 28.

*Dr. C. J. Bierschwal*, professor of veterinary medicine and surgery, presented two papers at Animal Science Beef Cattle Program, Southwest Missouri State University, Springfield, MO, Oct. 31; "Keep Those Cows Reproducing" and "The Importance of BSE of the Beef Bull."

*Dr. H. H. Berrier*, associate professor of veterinary pathology, presented "The White Tiger Enigma" to the American Association of Veterinary Laboratory Diagnosticians and attended U.S. Livestock Sanitary Association meetings in Portland, OR, Nov. 2-6. *Dr. R. F. Solorzano*, associate professor

of veterinary microbiology, attended the same meetings and presented "Laboratory Diagnosis of Bovine Virus Disease."

*Dr. H. E. Jensen*, associate professor of veterinary medicine and surgery, presented a seminar on clinical ophthalmology for an Iowa veterinary association in Des Moines on Nov. 7.

*Dr. R. B. Wilson*, professor of veterinary pathology, presented "The Role of Prenatal Nutrition on the Host Response to Infection" at a symposium on weak calf syndrome in Moscow, ID, Nov. 13.

*Dr. S. H. Aultman*, intern in veterinary medicine and surgery; *Dr. M. J. Bojrab* and *Dr. R. E. Brown*, associate professor and professor, respectively, in veterinary medicine and surgery; attended the Midwest Small Animal Association and Region 3 American Animal Hospitals Association annual meeting in Rock Island, IL on Nov. 12-13.

*Dr. L. A. Selby*, associate professor of veterinary microbiology, attended the 17th Annual Food Hygiene Symposium in Houston, TX on Nov. 16-18 and presented "Ranking Subjects in a Food Hygiene Professional or Graduate Curriculum." *Dr. S. L. Nelson*, associate professor of veterinary pathology, also attended the meeting.

*Dr. J. R. Coffman*, associate professor of veterinary medicine and surgery, presented a seminar on equine medicine to the Rhode Island Veterinary Medical Association in Providence Nov. 18-19.

College of Veterinary Medicine

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