

SCHOOL OF VETERINARY MEDICINE FACULTY NEWSLETTER

UNIVERSITY OF MISSOURI - COLUMBIA

MARCH, 1969 - NO. 20



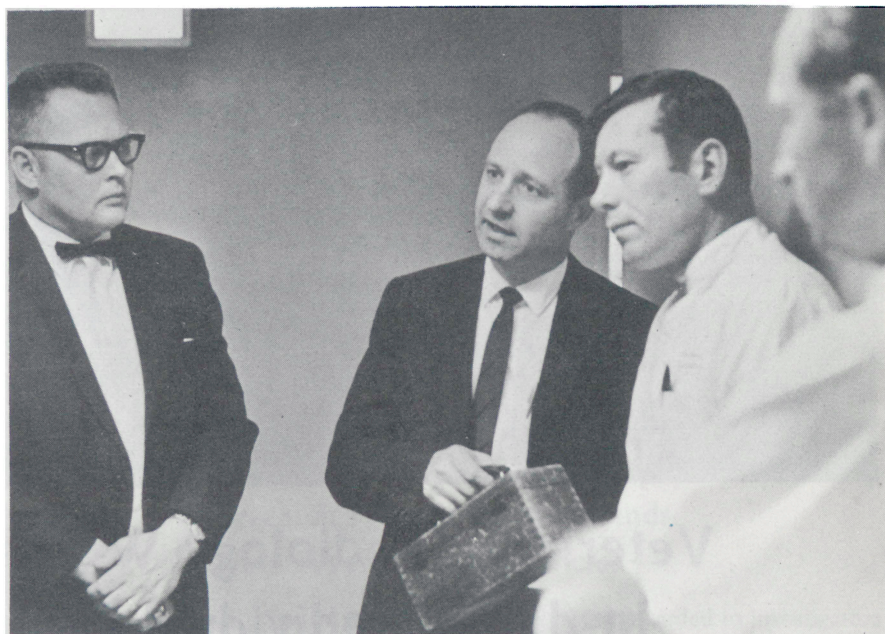
Guest Lecturer Discusses Bovine Leukemia

"Leukemia in cattle serves as an excellent model for the study of leukemia in man," said Dr. Robert R. Marshak on March 6 at the School of Veterinary Medicine here.

The second in the School's Visiting Lecturers Series, Dr. Marshak is professor and head of the Department of Clinical Sciences at the University of Pennsylvania New Bolton Center in Philadelphia.

The topic of his presentation was "Bovine Leukemia." He showed slides illustrating the various forms of the disease, including involvement of the eye, skin and spinal cords. However, he said it may effect any organ of the body.

Infected cattle in Europe are slaughtered, he cited. From his observations of the disease in the United States he felt there was a hereditary predisposition. Most cattle with leukemia have altered chromosomes according to Dr. Marshak. The budding of the leukemia virus as seen in mice leukemia by electron microscopy does not occur in bovine leukemia.



Dr. Marshak answers questions after his presentation. Shown from left are Drs. Middleton, Marshak, Hoffer and Jensen.

Beef Cattle Short Course Presented in Columbia

Dr. Bonnard L. Moseley, assistant professor of veterinary pathology and extension specialist, presented a short course on "Beef Cattle Diseases and Preconditioning" to a group of beef cattle producers recently in Columbia, Mo. The three-week course held once a week was sponsored by the Boone County Extension Division in cooperation with the UMC Continuing Education Division.



Dr. Moseley (standing) presents short course to beef cattle producers in Columbia.

Due to bad weather, Dr. M. Jerome Strong of Baylor University College of Veterinary Medicine at Houston, Texas cancelled his speaking engagement in the Visiting Lecturers Series on Feb. 20. The February Faculty Newsletter reported that he spoke, but early publication deadlines were to blame for this error. However Dr. Strong will reschedule his talk on "Cardio-Pulmonary Management During Anesthesia" in mid-May of this year. The date and place will be reported in a later issue.



Veterinary Radiology Workshop Geared to In-depth, Individual Learning Sessions

Seven veterinarians throughout Missouri and Kansas attended a two-day radiology workshop Feb. 15-16 at the Veterinary Hospital-Clinic here. The planned enrollment was suited to in-depth and individual learning sessions.

The workshop was taught by Dr. E. A. Corley, professor, Dr. J. W. Ticer, associate professor, and Mr. J. W. Evans, radiological technician, all of the Department of Veterinary Medicine and Surgery. The program covered techniques and methods of using X-ray equipment for diagnosis. The dog and cat were used as basic examples in showing the more common diseases that occur in veterinary practices.

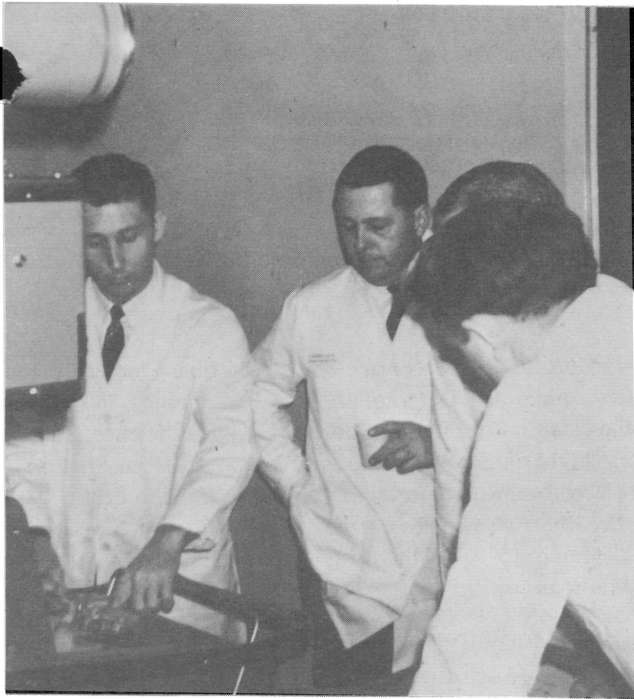
After a general orientation session, the veterinarians applied the techniques and methods discussed by individually radiographing animals, developing the film and interpreting and evaluating the results in allotted laboratory time.

Many favorable comments were made by those attending. A few examples were: "I think a learner-

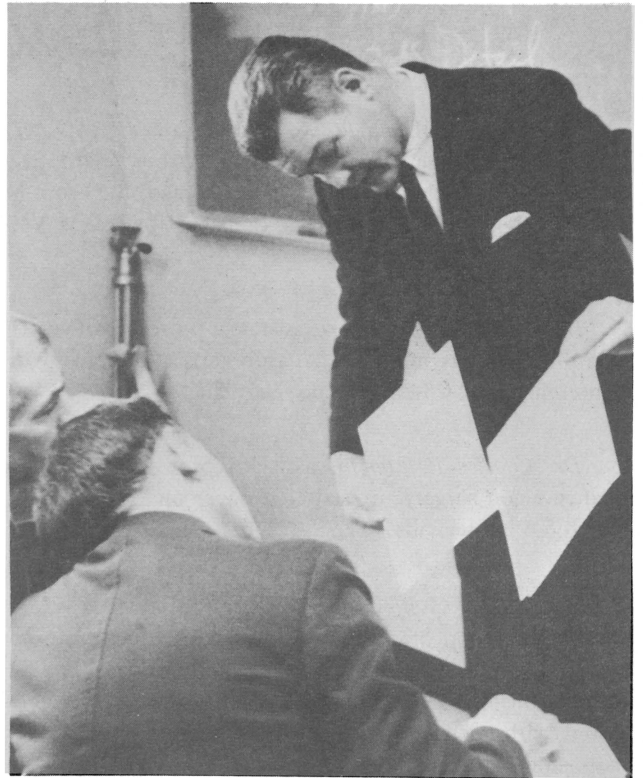
oriented laboratory period is the only method feasible to update a practitioner's education." "I appreciated the in-depth, yet understandable presentation." "The informality of such a small group allowed personal instruction and good exchange of ideas." Everyone expressed an interest in more such workshops in other areas of veterinary specialization.

As one of its sponsors, Dr. W. F. McCulloch, UMC director of continuing education for veterinary medicine, described the workshop as an intensive "do-it-yourself" program. Both the School of Veterinary Medicine and the University Extension Division plan to have future workshops for advanced radiographic interpretation as well as other workshops with the learner-oriented approach.

Those in attendance were: Drs. George Bilyea, Overland Park, Kan.; D. Carlson, Springfield; Layton Jackson, Chillicothe; Richard M. Keith, Kirksville; Edward Snider, Cape Girardeau; Verne E. Owens, Jackson; and J. A. Evans, St. Charles.



Mr. Evans (left) demonstrates use of radiology equipment.



Dr. Corley points out details on chart.



Dr. Ticer uses blackboard in his presentation.

Research Projects Receive Funds From Several Grant Agencies

Several grants have recently been awarded to investigators in the School of Veterinary Medicine.

Dr. John D. Rhoades, assistant professor of veterinary medicine and surgery was awarded \$2,200 for "Clinical Evaluation of Drugs in the Treatment of Canine and Feline Urinary Tract Infections" by the Norwich Pharmacal Company.

A grant of \$63,600 by the U. S. Public Health Service was awarded to Dr. Billy E. Hooper's project in "Research Animal Diagnostic Laboratory."

The U.S.P.H. also granted awards to Drs. Richard B. Wescott, associate professor of veterinary microbiology; and Lloyd E. Davis, associate professor of veterinary physiology and pharmacology. Dr. Wescott received \$13,107 for "Influence of Helminths upon Disease" and Dr. Davis was awarded \$17,258 for "A Comparative Study of Drug Metabolism."

Two post-doctoral fellowship supply grants were awarded to Drs. Victor S. Cox, Jr. and Arvie E. Marshall, both research associates in veterinary anatomy, by the National Institutes of Health. Dr. Cox is pursuing a study of retrograde transneuronal degeneration while Dr. Marshall is studying the maturation of medullary cardiovascular control. Both students are being directed by Dr. James E. Breazile, professor of veterinary anatomy.

—About the Faculty—

Dr. Thomas M. Eagle, associate professor of veterinary medicine and surgery, attended the executive board meetings of the AVMA Feb. 25–March 1 in Chicago, Ill. From March 1-4 he attended detmatology sessions of the Texas VMA in San Antonio.

* * * *

Dr. A. Roland Dommert, associate professor of veterinary microbiology, attended the Anaplasmosis Research Workers Conference Feb. 25-28 in Reno, Nevada.

* * * *

Dr. Charles E. Martin, assistant professor of veterinary medicine and surgery, presented a paper on "Horse Breeding" March 5-6 in Steelville, Mo.

* * * *

Dr. Donald C. Blenden, assistant professor of veterinary microbiology and of community health and medical practice, attended various conferences on a recent trip (Feb. 17-21) to Washington, D. C. and New York City. In Washington he visited with officials at the U.S.D.A., Pan American Health Assn. and the U. S. Air Force Surgeon General's Office.

* * * *

In New York he represented the Missouri Public Health Assn. as its president-elect at a meeting in the Americal Public Health Assn. headquarters. While in New York he talked with representatives at the China Medical Board and the Rockefeller Foundation.

* * * *

Dr. LeRoy D. Olson, associate professor of veterinary pathology, presented a seminar on "Current Research on Pasteurellosis on Turkeys" Feb. 18 at the University of Nebraska. He also talked on "Fowl Cholera—An Increasing Problem in Turkeys" Feb. 19 at a meeting of the Nebraska Turkey Growers Assn.

* * * *

Dr. Henry M. Parrish, associate professor of veterinary microbiology and professor of community health and medical practice, has been appointed associate dean and professor of community medicine at the University of South Dakota School of Medicine in Vermillion, South Dakota effective July 1, 1969.

* * * *

Dr. Edgar F. Ebert, professor of veterinary medicine and surgery, spoke on "Determination of Unsoundness in Horses" at the UMC Continuing Education Horse Science School March 11-12 in Steelville, Mo. and March 18-19 in St. Louis, Mo. He will repeat the program on April 23-24 in Festus, Mo.

Dr. Ebert also spoke on the "Care of the Brood Mare and Foal" March 15-16 at the Tennessee Walking Horse Assn. in Davenport, Iowa.

Forensic Medicine Instructor Joins Veterinary Medicine, Surgery

Mr. Robert E. Head has recently joined the Department of Veterinary Medicine and Surgery as instructor in forensic (legal) medicine. He received his B.S. degree in 1965 from Northeast Missouri State College and his J.D. (juris doctorate) degree in 1968 from the UMC School of Law.

As instructor of forensic medicine for the UMC School of Medicine, Mr. Head also serves as legal consultant for the UMC Medical Center. He belongs to the American, Missouri and Boone County Bar Associations and Phi Delta Phi Law fraternity.

A new 7 lb., 2 oz. boy has become a permanent member of the Larry M. Cornelius household. Born on March 11, Jeffery Allen will share his new parents' attention with the family cat, Tinker. Dr. Cornelius is a research associate in veterinary medicine and surgery.

School of Veterinary Medicine
FACULTY NEWSLETTER
104 Connaway Hall
University of Missouri - Columbia
Columbia, Missouri 65201



MU Libraries
University of Missouri --Columbia
Digitization Information Page

Local identifier Faculty News Spec Sheet

Capture information

Date captured	06/2015
Scanner manufacturer	Zeutschel
Scanner model	OS 15000
Scanning system software	Omni scan v. 12.4 SR4 (1947) 64-bit
Optical resolution	600 dpi
Color settings	covers in 24 bit color; text in 8 bit grayscale
File types	tiff

Source information

Format	Newsletter
Content type	Text with images
Source ID	
Notes	

Derivatives - Access copy

Compression	Tiff: compression: LZW
Editing software	Adobe Photoshop CS5
Editing characteristics	
Resolution	600 dpi
Color	color and grayscale
File types	pdf
Notes	Pages cropped and brightened