

School of Veterinary Medicine

FACULTY NEWS

September, 1967 - No. 5

Veterinary Medical Student Loan Fund Available

A loan fund for veterinary medical students has just been established here. The loan was made available through the enactment of the Veterinary Medicine Education Act of 1966. This law extends eligibility to Schools and students of veterinary medicine for participation in the Health Professions Student Loan Program established in 1963.

The purpose of this program is to increase the opportunities for the training of veterinarians through stimulating and assisting in the establishment of loan funds in these professional schools from which low interest loans may be made to students who need to pursue their courses of study.

To be eligible for a loan, the applicant must be a citizen of the U.S. or must have intentions of becoming a permanent resident of the U.S.

Other qualifications include: 1) He must be a full-time student or he must have been accepted for enrollment as a full-time student; 2) must be engaged in pursuing a course of study leading to a D.V.M. degree; and 3) must be in good standing and capable of maintaining such standing.

A careful determination of the student's need is necessary in order to determine his eligibility for a loan and the amount of the loan which may be made to him. A borrower shall repay his loan over a 10-year period which begins 3 years after the student

ceases to pursue a full-time course of study at a School of Veterinary Medicine."

Seminar on Diseases Common to Animals and Man Planned

Topics on comparative medicine, toxicology and infectious diseases will be presented at the annual Midwest Seminar on Diseases Common to Animals and Man to be held Oct. 4-5 at the University of Missouri Medical Center in Columbia.

There will be about 51 physicians, veterinarians and researchers from all over the U.S. and England participating in the two-day seminar. Sixteen participants are from the School of Veterinary Medicine.

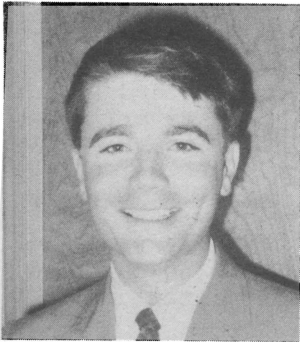
Dr. D. C. Blendon, associate professor of veterinary microbiology, is Chairman of the Seminar. Participants from the School include Dr. B.W. Kingrey - dean; Dr. R. P. Botts - assistant professor, Dr. A. R. Dommert - associate professor, Dr. R. V. Moore - assistant professor, Dr. H. M. Parrish - associate professor, and Dr. E. R. Price - assistant professor, all of veterinary microbiology; Dr. L. D. Kintner - professor, Dr. C. C. Middleton - associate professor, Dr. L. G. Morehouse - chairman, Dr. B.L. Moseley, assistant professor, Dr. S. L. Nelson - associate professor and Dr. A. C. Strafuss - associate professor, all of veterinary pathology; and Dr. L. E. Davis - associate professor, Dr. F.W. Oehme - instructor and Dr. M.E. Tumbleson - assistant professor, all of veterinary physiology & pharmacology.

Twelve Added to Faculty



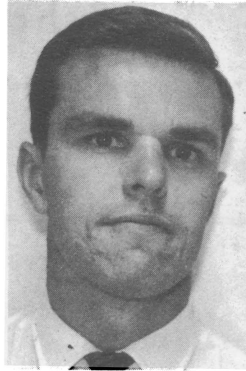
Dr. James E. Breazile is an associate professor in veterinary anatomy. He received his B.S. & D.V.M. degrees from the University of Missouri and his Ph.D. degree from the University of Minnesota.

He was formerly on the faculty at Oklahoma State University where he was selected as the "Blue Key Teacher of the Year" in 1966 by the College of Veterinary Medicine and in 1967 the "Caduceus" yearbook was dedicated to him. During his veterinary medical practice in Pilot Grove, Mo. from 1958-60 he became Mayor.



Dr. Jay R. Bryan has been appointed research associate in veterinary medicine & surgery. Dr. Bryan became a D.V.M. at Auburn University. From 1965 to the present he has been base veterinarian at the U. S. Air Force Base, West Hampton Beach, L.I., N. Y.

Dr. Victor S. Cox, Jr. increased the size of veterinary anatomy as he became research associate in September. With his D.V.M. degree from Cornell University, he was on the faculty at Okla-



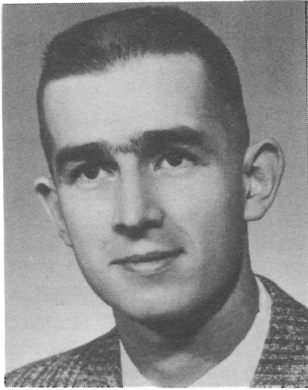
Dr. Cox
homa State University where he became an NIH post-doctoral fellow.



Dr. Dennis W. Duffield is also a research associate in veterinary anatomy. The University of Illinois granted him B.S. and D.V.M. degrees. From 1963 to 1965 he was an installation veterinarian for the U. S. Army. In 1965 he worked at an Animal Hospital in St. Louis and in 1966 he was a relief veterinarian for an Animal Hospital in Gary, Ind.

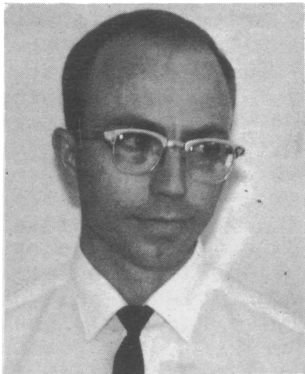
Dr. Robert D. Farrow is a new research associate in veterinary pathology. He has a D.V.M. degree from Ohio State University. From 1961 to the present he has been a veterinarian with the U.S.D.A. Consumer & Marketing Service in Washington, D.C.

Dr. Harlan E. Jensen has been appointed research associate in veterinary medicine & surgery. His D.V.M. degree is from Iowa State University. He has been a small animal practice in Houston, Tex.

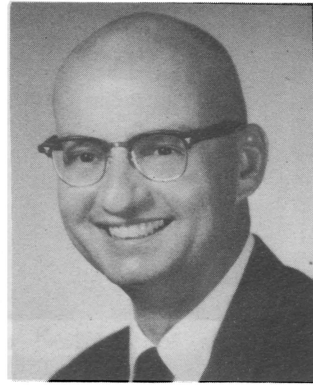


Dr. William T. Kerber has been assistant professor in veterinary medicine & surgery since June. His D.V.M. degree is from Iowa State University.

From 1960-62 Dr. Kerber was a veterinary laboratory officer in the U. S. Army at Ft. Detrick. Later he became a staff veterinarian and research coordinator for Hazelton Laboratories. Then in 1966 he was the head of the department of medicine and acting head of the department of reproduction at the National Center for Primate Biology, University of California.



Dr. Arvle E. Marshall adds to the roster in veterinary anatomy as research associate. His degrees include a B.S. degree from Texas Technological College and a D.V.M. degree from Texas A & M University. After graduation he was a veterinary meat inspector for the U. S. Department of Agriculture in Fort Worth. From 1965 until recently he was on the faculty of Oklahoma State U.



Dr. Louis R. Nelson is a research associate in veterinary medicine & surgery. He holds a B.S.A. degree from the University of Florida and a D.V.M. degree from Auburn University.

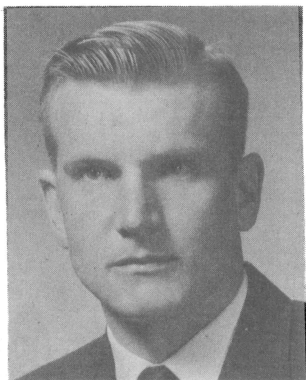
From 1957-59 he was a port veterinarian at the Port of Manila, Phillipines while serving in the U. S. Air Force. Later in 1960 he had a small animal practice for seven years in Clearwater, Fla.

Dr. John D. Rhoades is a new assistant professor in veterinary medicine & surgery. His degrees include a B.S. and a D.V.M. from the University of Missouri and an M.S. from Kansas State U. He was also a diplomate in Russian in 1953 at the Army Language School in Monterrey.

He was engaged in small animal practice in St. Louis in 1960 & 1961 and was on the faculties of Kansas State from 1962-65 and the University of Minnesota from 1965-67.

Dr. Reed W. Rings is an assistant in veterinary pathology. He holds B.S. and D.V.M. degrees from the University of Missouri.

Upon graduation he became a veterinarian with the U.S.D.A. in Jefferson City. From 1958-59 he was self-employed in a practice in Cape Girardeau. In 1959 he worked as a veterinarian for the Humane Society in St. Louis. Then in 1960-64 he had a veterinary medical practice in Kansas City, Mo. From 1964 to the present he has been with the U.S.D.A. Animal Health Division in Jefferson City.



Dr. Norris D. Rohde recently received his D.V.M. degree from Texas A & M University and joined veterinary microbiology as a research associate. He also earned a B.S. degree from Texas A & M. Dr. Rohde increases the School bachelor population to a total of two.

Grants Awarded

Dr. Raymond W. Loan, associate professor of veterinary microbiology, received \$20,430 from NIH for the first year of his study entitled "Pathogenesis of Allergic Encephalomyelitis."

Dr. Loan will try to define the immunologic aspects of experimental allergic encephalomyelitis (EAE) in terms of the participation of sensitized cells and/or humoral antibody in the development of the disease.

Dr. Horst-Dieter Dellmann, professor of veterinary anatomy, was awarded a grant of \$15,271 by NIH for his research project "Fine Structure and Histochemistry of Circumventricular Organs!"

A grant of \$30,832 has just been awarded to Dr. Lloyd E. Davis, associate professor in section of comparative pharmacology of veterinary physiology & pharmacology, for his study in "Drug Metabolism in the Newborn!"

Dr. Charles R. Short, instructor in Dr. Davis' section, is the co-principal investigator. Dr. Walter D. Wosilait, professor of pharmacology in the School of Medicine, is consultant on the grant.

Principal objectives of the project are to define the normal pre- and post-natal development

of drug metabolizing enzymes in the fetal and infant pig and to determine the limits of time in which the hepatic microsomal enzymes may be induced *in utero*.

Veterinary Medical Faculty Appointed to Campus Committees

The School of Veterinary Medicine seems fairly well represented on the new 1967-68 committees for the Columbia campus.

Members from the School are as follows with the year they were appointed:

Dr. James M. English, associate professor of veterinary medicine & surgery - Traffic & Parking, 1963

Dr. Arthur A. Case, professor of veterinary medicine & surgery - Civil Defense, 1965

Dr. Kenneth H. Niemeyer, associate professor of veterinary medicine & surgery - Instructional Television, 1967

Dr. LeRoy D. Olson, associate professor of veterinary pathology - Lectures & Cultural Events, 1967

Dr. George C. Shelton, chairman of veterinary microbiology & associate dean - University Day and Related Events, 1967

Also - University Policy Committee, 1967

Dr. Joseph T. McGinity, associate professor of veterinary medicine & surgery - Student Publications, 1967

Dr. Lloyd E. Davis, associate professor in section of comparative pharmacology of veterinary physiology & pharmacology - Library, 1962

Dr. Groth Suffers Injuries

Dr. A.H. Groth, dean emeritus, spent the week of September 11-15 in Boone County Hospital. He fell while coming down off of a ladder. His diagnosis is a chipped bone in his right heel and fracture of a bone in the forearm.

We wish him a brief confinement and a speedy recovery.

Meetings Attended

Dr. L. G. Morehouse, professor & chairman of veterinary pathology, participated in a conference on Comparative Pathology Aug. 7-17 in Aspen, Colo. The meeting was sponsored by the Committee on Pathology, National Research Council - National Academy of Science, the Aspen Institute and the University of Colorado, and the Institute of General Medical Sciences, NIH

Dr. Donald C. Blenden, associate professor of veterinary microbiology & associate professor of community health & medical practice, attended the American Public Health Assn. committee meeting July 31 - Aug. 2 in Washington, D.C.

Dr. LeRoy D. Olson, associate professor and Mr. Ralph E. Bond, research assistant, both of veterinary pathology, visited the turkey farms in southern Missouri that had fowl cholera outbreaks. They were accompanied by Walter Russell, poultry extension specialist on Aug. 14-16.

Dr. Leslie C. Murphy, director of research development, attended a meeting of the Midwest Feed Manufacturers Assn. Sept. 12 in Kansas City.

Dr. Olson also attended a course entitled "Pathology of Laboratory Animals" at the Armed Forces Institute of Pathology Sept. 16-24 in Washington, D.C.

Dr. Bonnard L. Moseley, assistant professor of veterinary pathology & extension specialist, visited the University of Missouri at Kansas City on Sept. 12. Dr. Moseley also attended a seminar on Conditioning Calves for the Feedlot Sept. 13-15 in Stillwater, Okla.

Dr. Terrence M. Curtin, director of continuing education, attended the third Rochester Conference on Self Instruction in Medical Education Sept. 13-15 in Rochester, N. Y.

Dr. Charles R. Short, instructor in the section of comparative pharmacology of veterinary physiology & pharmacology, attended a meeting of the American Society of Pharmacology & Ex-

perimental Therapeutics Aug. 28-31 in Washington, D.C.

Dr. W. L. Jenkins, graduate assistant and Dr. F. W. Oehme, instructor, both in the section of comparative pharmacology, participated in a 4-week course on "Basic Research with Radioisotopes" at the Oak Ridge Institute for Nuclear Studies Aug. 6 - Sept. 1 in Oak Ridge, Tenn.

Dr. Oehme also attended a research conference on Enzymatic Oxidations of Toxicants Sept. 3-6 at North Carolina State University, Raleigh.



A surprise party was just beginning for Dean Kingrey (seated) & Mrs. Minnette Williams, veterinary medical librarian, on their ??? birthdays Sept. 12th. Free cake & coffee brought everyone out of the rafters for the morning eye-opener...coffee break.

Speaking Engagements

Dr. M. E. Tumbleson, assistant professor of veterinary physiology & pharmacology, presented a paper on "Comparative Study of Serum Proteins and Hematologic Parameters in Miniature and Conventional Swine" at the American Society of Animal Science meetings July 29-Aug. 4 in Reno, Nev.

Also attending these meetings were: Drs. A.R. Dommert, associate professor of veterinary

microbiology, and C.C. Middleton, director of Sinclair Comparative Research Farm.

Dr. L. G. Morehouse, professor & chairman of veterinary pathology, presented lectures on foreign animal diseases to a National Technical Training Conference of Agricultural Research Service Veterinarians Aug. 1-3 in Memphis, Tenn.

The pathology and diagnosis of these foreign animal diseases were presented: African Swine Fever, Vesicular Diseases, Rinderpest, Louping Ill of Sheep, Sheep Pox, Equine Piroplasmiasis and Fowl Plague. He also served on the Clinical Diagnosis of Domestic Animal Diseases panel.

Dr. LeRoy Olson, associate professor of veterinary pathology, will present a paper on "Histopathology of Chronic Otitis Media in the Rat" at the meeting of the American Association for Laboratory Animal Science Oct. 3-6 in Washington, D.C.

Dr. A. A. Case, professor of veterinary medicine & surgery, conducted three hour seminars and workshops for the Canadian VMA annual meeting July 27-Aug. 6 in Toronto, Ontario, Canada.

The seminar and workshop were on the "Toxicological Problems Concerning Large Domestic Animals."

Dr. Terrence M. Curtin, director of continuing education, presented a paper on "Mycotoxigenesis" at a meeting of the Kentucky VMA Sept. 25-26 in Louisville, Ky.

Honors

Dr. F. W. Oehme, instructor in the section of comparative pharmacology of veterinary physiology & pharmacology, was recently certified as a diplomate of the American College of Veterinary Toxicology. He is one of eight that are diplomates of this College. Dr. Oehme was also re-elected as a member of the executive council of the American College of Veterinary Toxicologists.

Dr. R. C. McClure, professor & chairman of veterinary anatomy,

was elected president of the American Association of Veterinary Anatomists at the July convention in Dallas this year.



New Research Typist

The School now has the full-time services of a person to type papers related to research programs of the School.

Mrs. Wanda Reeves will complete her work in the order she receives it according to the following priority:

1. *Research applications or proposals.*
2. *Manuscripts, abstracts, papers for meetings.*
3. *Miscellaneous research papers such as reports.*

Please contact Mrs. Reeves, 101 Connaway - Ex. 22, directly if you need assistance in typing these papers. Your requests will be dated to establish priority.

Dr. Olson Receives Scholarship

A scholarship for \$200 has been awarded to Dr. LeRoy Olson, associate professor of veterinary pathology, by the AVMA Foundation. The award is for study of "AVMA Foundation Supplies" for one year.

Papers Published

Dr. F. W. Oehme, instructor in the section of comparative pharmacology, published a paper entitled "The Vento-Lateral Cesarean Section in the Cow" in the September, 1967 issue of *Veterinary Medicine/Small Animal Clinician*.

Dr. Kraner Appointed to Professional Education Committee

Dr. Keith L. Kraner, director of laboratory animal medicine & professor of veterinary medicine & surgery, has been appointed a member of the Committee on Professional Education of the Institute of Laboratory Animal Resources, National Academy of Science -National Research Council.

Acting in an advisory capacity, the Institute disseminates information and educational material on laboratory animal resources, and establishes standards. The Professional Committee has prepared a publication *A Guide for Training in Laboratory Animal Medicine*.

Dr. Kraner received his B.S. and D.V.M. degrees from Ohio State University and is a diplomate of the American College of Laboratory Animal Medicine. Formerly he was Chief, Surgery and Ray Branch of the Armed Forces Institute of Pathology.

Among his professional affiliations are: AVMA, Air Force Assn., and Animal Care Panel. His honors include Phi Eta Sigma, Scabard and Blade, Gamma Sigma Delta, Phi Zeta, Air Force Letter of Commendation for contribution to Aerospace Biological Research Support, Army Commendation Metal for development of Intrauterine Fetal Surgery and Research in Immunology, and honorary membership in Maryland Academy of Science for contribution to community education. He has written numerous research articles.

Dr. Oehme Awarded Fellowship

Dr. F. W. Oehme, instructor in the section of comparative pharmacology of veterinary physiology & pharmacology, was awarded a Special Fellowship by the National Institute of General Medical Sciences.

The one-year fellowship with a two-year renewal clause will aid Dr. Oehme in his predoctoral work entitled "Comparative Study of Biotransformation of Piperazine."

This research is in the field of pharmacology-toxicology. Dr. Lloyd E. Davis, associate professor in the section of comparative pharmacology, is major advisor for Dr. Oehme and Dr. A. A. Case, professor of veterinary medicine & surgery, is also on the graduate advisory committee.

Dr. Oehme's research interests in addition to his predoctoral program are: the metabolism of pesticides, methods to increase toxin elimination from the body, environmental contamination, the mode of actions of toxins and the correlation of the biologic effects of toxins with their clinical and pathologic signs.

Dr. Oehme holds B.S. and D.V.M. degrees from Cornell University, an M.S. from Kansas State University and a Dr. Med. Vet. from Justus Leibig University at Giessen Germany. Among his affiliations are: a Fellow in the American College of Veterinary Toxicologists, AVMA, American Association of Cattle Practitioners, American Dairy Science Assn., Kansas VMA, Intermountain VMA, and Omega Tau Sigma.

Dr. Oehme was formerly a member of the faculty of Kansas State University and a visiting professor at Justus Leibig University. The author of numerous publications, he is co-author of the book *Plants Poisonous to Livestock* through two editions and two revised editions.

Stork News

Mr. Gerald P. Kozlowski, research associate in veterinary anatomy, and his wife Sue are the beaming parents of their first child -- a 6 lb. 12 oz. baby boy named Craig Stephen on July 26.

Dr. Leslie C. Murphy, director of research development, is the proud grandfather of his third grand-daughter, 6 lb. 7 oz. Pamela Sue Barton born July 5 to Capt. and Mrs. John B. Barton, USAF, Kelly AFB, Tex. This brings Dr. Murphy's personal female population to a grand total of 7 including his wife Ruth.



The appetizing buffet-style dinner was served to a crowd of about 120 people.

Faculty Wives Couples' Dinner Held

The Veterinary Medical Faculty Wives sponsored the Couples' Dinner held Sept. 16th at the Downtowner Motor Inn. Dean B.W. Kingrey introduced the most recent additions to the Veterinary Medical faculty. Twenty-eight new faculty members and special guests were introduced bringing

the present faculty to 88 which includes those who are research associates and above.

Arrangements for the dinner were made by Mrs. A. R. Dommert. Assisting her were Mrs. M. E. Tumbleson, Mrs. R.A. Arnold, Mr. R. B. Wescott, Mrs. R. P. Botter and Mrs. C. R. Short.



Those seated at the head table are: (L to R) Mrs. A. R. Dommert, Dr. & Mrs. L. C. Murphy, Mrs. A. W. Dobson, Dean & Mrs. B.W. Kingrey, Dr. & Mrs. L. G. Morehouse and Dr. & Mrs. M. P. Rines

NOTICE

Anyone wishing to use the Conference Room in Connaway Hall should notify Mrs. Smith or Mrs. Boelsen so they can schedule the meetings and avoid conflicts in the use of this room.

Please give any information for the Faculty News to Mrs. Pat Adams, 101 Connaway, ext. 22

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