



VETERINARY MEDICAL REVIEW

School of Veterinary Medicine
University of Missouri-Columbia

October/November 1971, No. 46

Bierschwal, Martin Elected To College

Dr. C. J. Bierschwal, professor of veterinary medicine and surgery, and Dr. C. E. Martin, associate professor of veterinary medicine and surgery, are among 28 veterinarians who were selected as charter diplomates of the newly formed American College of Theriogenologists.

Dr. Bierschwal was one of a committee of seven theriogenologists who developed the College after about eight years of work. It is recognized as one of several specialty boards that has achieved a level of sophistication that merits recognition as a field of specialization by the American Veterinary Medical Association.



Dr. DeBois visits with the Theriogenology faculty, from left, Dr. C. E. Martin, Dr. E. C. Matber, Dr. DeBois, and Dr. C. J. Bierschwal.

The word theriogenology is a relatively new term derived from the root words therio, meaning beast, and gen, meaning the coming into being of anything or the process of originating. Using the root word therio, theriatrics means veterinary medicine and theriotherapy means treatment of the diseases of lower animals. Gen is used in genesis which means the beginning and in generate which means birth or origin. Genesiology means the sum of what is known concerning reproduction. Thus, theriogenology means animal reproduction.

The objectives of the College are the advancement of undergraduate, graduate and continuing education, research and service in theriogenology by: The establishment of a certifying agency to recog-

Continued on page 4

Dr. DeBois Visits School

Professor Doctor C. H. W. DeBois from the University of Utrecht, The Netherlands (Holland), was a visitor in the School of Veterinary Medicine for two weeks at the first of September.

Dr. DeBois is the Director of the Veterinary Clinic for Obstetrics/Gynecology, one of the four clinics in the School of Veterinary Medicine at Utrecht. He is spending two months in the United States visiting veterinary schools at Colorado State University, University of Wisconsin, Michigan State University, Cornell University and a medical school in Boston.

Dr. C. J. Bierschwal, professor of veterinary medicine and surgery, spent a year working with Dr. DeBois on a sabbatical from UMC in 1968-69 and together they have written a Laboratory Manual

on Fetotomy (Embryotomy) to be published later this year.

Dr. DeBois explains that veterinary students at Utrecht complete six years, the first four in general pre-veterinary and veterinary studies and the last two in a field of differentiation of their choice.

The 150 year-old school has 1,300 students with a staff of 250. In addition to the Ob/Gyn clinic which handles both small and large animals, there is a Large Animal Medicine Clinic, Large Animal Surgery Clinic and a Small Animal Medicine and Surgery Clinic.

Most practicing veterinarians in Holland specialize in one animal, says Dr. DeBois. The primary animals in Holland are swine and dairy cattle which are also used to some extent for meat production.



Bovine Practitioners Meet Here

Dr. Fred Troutt, right, makes his point to Dr. Frank Ramsey at a coffee break during the District 7 Bovine Practitioners meeting held August 31-September 1 at the Memorial Union. Dr. Troutt received his Ph.D. in veterinary pathology from the UMC School of Veterinary Medicine in 1970. He is associate professor of medicine and surgery at the University of Georgia. Dr. Ramsey is profes-

sor and chairman of the Department of Veterinary Pathology at Iowa State University. Dr. Troutt and Dr. Ramsey were the principal speakers and presented the major portion of the sessions. Others who presented one session were Dr. Raymond Loan and Dr. James E. Breazile, both UMC School of Veterinary Medicine department chairman, and Dr. Bruce Wren, staff veterinarian and pathologist at Dellen Laboratories, Omaha.



Mrs. Raasch shows a patient's record jacket to Dr. John Rboades, director of the small animal clinic. The jacket size can be compared with the file folders in the background.

Clinic Records Go To Micro-Mini Plan

When Fefe the toy poodle is brought to the Hospital-Clinic of the School of Veterinary Medicine, she is given a number which stays with her the rest of her life and identifies her to the Hospital-Clinic.

What happens after she receives a number and is examined and given the proper treatment by the clinic staff is the story of the Medical Records Office.

Fefe is just one of the 9,000 small animals and 2,700 large animals that come to the Hospital-Clinic on the average each year. In addition, 22,963 animals are treated by clinicians and students with the three ambulatory trucks that visit farms in the area. For the year beginning July 1, 1969, that meant almost 35,000 animals were seen and treated.

Mrs. Velma Raasch, an accredited records technician (A.R.T.), is in charge of the medical records for the 35,000 patients. She attended a school for records technicians at Research Hospital in Kansas City and graduated in June 1967. She then worked in a hospital in Lexington, Mo., which was near her home, before she came to the Veterinary Hospital-Clinic in June 1970.

Clinician's Report on Animal

The records procedure starts with the faculty clinician's report on each animal, she explains. When it reaches the records office the information is recorded on an abstract—a form using number codes which are later transferred onto an IBM punch card.

Mrs. Raasch is responsible for entering the codes on the abstract which describe the diagnoses and procedures according to topography (site of the problem) and etiology (what is the problem) using a nine digit code. Another code of five digits is used to describe the operations procedure (what was done to treat the problem).

Data Used in Cancer Research

The abstracts, about 1,300 a month, are sent to the National Cancer Institute of the Public Health Service for their use in cancer research. In return they send

SCHOOL OF VETERINARY MEDICINE

Faculty Directory



N. Ackerman



A. R. Allbritton



E. R. Ames



J. N. Berg



H. H. Berrier



C. J. Bierschwal



D. C. Blenden



W. J. Boever



C. T. Boyd



W. E. Brady, Jr.



J. E. Breazile



E. M. Brown



O. R. Brown



R. E. Brown



R. V. Brown



G. M. Buening



Glenna Burton



K. D. Carey



C. F. Cargill



A. A. Case



J. R. Coffman



E. A. Corley



L. M. Cornelius



L. A. Corwin



V. S. Cox, Jr.



J. M. Cummins, Jr.



T. M. Curtin



H. E. Dale



H.-D. Dellmann



D. W. DeYoung



A. W. Dobson



G. C. Doening



A. S. Dorn



C. R. Dorn



R. E. Doyle



A. J. Durant



Cecil Elder



J. E. English



D. A. Fein



G. M. Frank



H. E. Garner



P. D. Garrett



A. H. Groth



A. W. Hahn



W. H. Halliwell



D. C. Hirsh III



R. E. Hoffer



T. R. Hoover



D. R. Howard



D. P. Hutcheson



S. J. Jackson



H. E. Jensen



C. E. Jett



B. W. Kingrey



L. D. Kintner



G. R. Kirk



K. L. Kraner



S. D. Larks



J. S. Larsen



R. W. Loan



R. C. McClure



W. F. McCulloch



E. L. McCune



H. C. McDougale



J. T. McGinity



P. J. Manning



C. E. Martin



E. C. Mather



C. C. Middleton



L. G. Morehouse



Michel Morin



B. L. Moseley



J. B. Mulder



L. C. Murphy



S. L. Nelson



K. H. Niemeyer



L. D. Olson



D. R. Owens



R. R. Paddleford



W. P. Palmore



N. M. Patton



P. E. Phillips



A. M. Preston



E. R. Price



J. D. Rhoades



G. M. Riley



J. H. Riley



D. E. Rodabaugh



B. D. Rosenquist



R. H. Schiffman



D. A. Schmidt



P. R. Schnurrenberger



L. A. Selby



R. L. Sexton



G. C. Shelton



C. E. Short



C. R. Short



D. B. Sisk



R. F. Solorzano



F. E. South



R. F. Sprouse



H. W. Taylor



J. L. Taylor



W. R. Threlfall



L. G. Tritschler



M. E. Tumbleson



M. S. Vlaovic



J. E. Wagner



D. J. Wagstaff



J. E. Weinman



W. E. Wingfield

Faculty*

- N. Ackerman, resident, medicine-surgery; D.V.M., AUB.
- A. R. Allbritton, research associate, microbiology; B.S., D.V.M., TEX. A&M.
- E. R. Ames, associate professor, microbiology; B.S., D.V.M., Ph.D., COLO.
- J. N. Berg, instructor, microbiology; D.V.M., ISU.
- H. H. Berrier, associate professor, pathology, diagnostic lab; B.S., M.S., UMC; D.V.M., KSU.
- C. J. Bierschwal, professor, medicine-surgery; D.V.M., ISU; M.S., UMC.
- D. C. Blenden, associate professor, microbiology; associate professor, community health and medical practice; B.S., M.S., D.V.M., UMC; A.B.V.P.H.
- W. J. Boever, research associate, pathology; veterinarian, St. Louis Zoo; B.S., D.V.M., UMC.
- C. T. Boyd, instructor, physiology-pharmacology; assistant librarian; B.S., M.A., UMC.
- W. E. Brady Jr., resident, medicine-surgery; B.S., U. of MD; D.V.M., GA.
- J. E. Breazile, professor & chairman, anatomy; B.S., D.V.M., UMC; Ph.D., MINN.
- E. M. Brown, professor, anatomy; B.S., M.S., Ph.D., MSU.
- O. R. Brown, associate professor, microbiology; investigator, Space Sciences Research Center; B.S., M.S., Ph.D., OU.
- R. E. Brown, professor & chairman, medicine-surgery; D.V.M., M.S., MSU; Ph.D., PUR.
- R. V. Brown, associate professor, pathology; associate professor, community health and medical practice; associate professor, division of biological sciences; research geneticist, Sinclair Farm; B.A., M.A., U.-TULSA; Ph.D., ISU.

- G. M. Buening, assistant professor, microbiology; D.V.M., Ph.D., PUR.; M.S., ISU. A.C.V.M.
- G. C. Burton, research associate, microbiology, A.B., M.S., Ph.D., UMC.
- K. D. Carey, research associate, pathology; B.S., D.V.M., ILL.
- C. F. Cargill, research associate, pathology; B.V.Sc., SYDNEY (Aus.); M.S., AUB.
- A. A. Case, professor, medicine-surgery; B.S., M.S., D.V.M., KSU.
- J. R. Coffman, associate professor, medicine-surgery; B.S., D.V.M., M.S., KSU.
- E. A. Corley, professor, medicine-surgery; B.S., CLEMSON; D.V.M., GA.; Ph.D., COLO.; A.C.V.R.
- L. M. Cornelius, assistant professor, medicine-surgery; D.V.M., PUR.; Ph.D., UMC.
- L. A. Corwin, assistant professor, medicine-surgery; D.V.M., Ph.D., COLO.
- V. S. Cox Jr., assistant professor, anatomy; D.V.M., COR.; Ph.D., UMC.
- J. M. Cummins Jr., research associate, microbiology; D.V.M., OSU.
- T. M. Curtin, professor & chairman, physiology-pharmacology; D.V.M., MINN.; M.S., Ph.D., PUR.
- H. E. Dale, professor, physiology-pharmacology; D.V.M., M.S., ISU; Ph.D., UMC.
- H.-D. Dellmann, professor, anatomy; Docteur-Veterinaire-ALFORT, France; Habil (Ph.D.), MUNICH, Germany.
- D. W. DeYoung, assistant professor, medicine-surgery; B.S., D.V.M., MSU; Ph.D., CSU.
- A. W. Dobson, assistant professor, medicine-surgery; D.V.M., ISU; M.S., UMC.
- G. C. Doering, associate professor, medicine-surgery; D.V.M., ILL; M.S., PUR.
- A. S. Dorn, research associate, physiology-pharmacology; B.S., D.V.M., ILL.; M.S., AUB.

- C. R. Dorn, associate professor, microbiology; associate professor, community health & medical practice; D.V.M., OSU; M.P.H., HARVARD; A.B.V.P.H.
- R. E. Doyle, director, lab animal medicine, School of Medicine; assistant professor, physiology-pharmacology; B.S., D.V.M., UMC; M.S., U. of FLA.
- A. J. Durant, professor emeritus, microbiology; B.S., A.M., UMC; D.V.M., MSU.
- Cecil Elder, professor emeritus, pathology; D.V.M., KSU; M.S., OSU; A.C.V.P.
- J. E. English, associate professor, medicine-surgery; B.S., WYO.; D.V.M., COLO.; M.S., UMC.
- D. A. Fein, research associate, microbiology; V.M.D., PA.; M.P.H., MINN.
- G. M. Frank, instructor, medicine-surgery; B.S., D.V.M., MSU.
- H. E. Garner, professor, medicine-surgery; B.S., D.V.M., M.S., KSU; Ph.D., BAYLOR.
- P. D. Garrett, medical illustrator, assistant professor, anatomy; B.S., D.V.M., M.S., UMC.
- A. H. Groth, dean emeritus; professor emeritus, pathology; B.S., D.V.M., ISU; M.S., COLO.
- A. W. Hahn, professor, medicine-surgery, bioengineering; investigator, Space Sciences Research Center; B.S., D.V.M., UMC; M.S., Ph.D., DREXEL.
- W. H. Halliwell, assistant professor, pathology; D.V.M., AUB. Ph.D., UMC.
- D. C. Hirsh III, assistant professor, microbiology; B.S., LOYOLA; D.V.M., CAL-DAVIS; Ph.D., STANFORD.
- R. E. Hoffer, associate professor, medicine-surgery; associate professor, bioengineering; D.V.M., COR.; M.S., AUB. A.C.V.S.
- T. R. Hoover, assistant professor, medicine-surgery; B.S., D.V.M., OKLA SU; M.S., COR.
- D. R. Howard, research associate, medicine-surgery; B.S., D.V.M., MSU; M.S., TEX. A&M.

*All appointments are in the School of Veterinary Medicine, i.e., professor of *veterinary* anatomy, pathology, etc., unless otherwise specified.

- D. P. Hutcheson, assistant professor, physiology-pharmacology; biostatistician, Sinclair Farm; B.S., TEX. A&M; Ph.D., UMC.
- S. J. Jackson, research associate, pathology; B.S., FT. VALLEY, GA.; D.V.M., TUS.
- H. E. Jensen, associate professor, medicine-surgery; D.V.M., ISU; Ph.D., UMC.
- C. E. Jett, instructor, administrative assistant, medicine-surgery; B.S., M.A., UMC.
- B. W. Kingrey, dean; professor, medicine-surgery; D.V.M., M.S., ISU.
- L. D. Kintner, professor, pathology, diagnostic lab; B.S., MANCHESTER, Colo.; D.V.M., OSU; M.S., UMC; A.C.V.P.
- G. R. Kirk, assistant professor, anatomy; B.S., N.E. OKLA.; M.S., OKLA. SU; Ph.D., UMC.
- K. L. Kraner, director, animal resources, University-wide; professor, medicine-surgery; B.Sc., D.V.M., OSU; A.C.L.A.M.
- S. D. Larks, professor, physiology-pharmacology; B.S. (E.E.), ILL.; M.S., N.W.U.; Ph.D., CAL. (Leave of Absence)
- J. S. Larsen, assistant professor, medicine-surgery; project director, Orthopedic Foundation for Animals Inc.; B.S., D.V.M., ILL.; M.S., MSU.
- R. W. Loan, professor & chairman, microbiology; B.S., D.V.M., WSU; M.S., Ph.D., PUR.; A.C.V.M.
- R. C. McClure, professor, anatomy; D.V.M., ISU; Ph.D., COR.
- W. F. McCulloch, director, continuing education; professor, microbiology; associate professor, community health & medical practice; D.V.M., ISU; M.P.H., MINN.
- E. L. McCune, associate professor, microbiology, diagnostic lab.; B.S., D.V.M., M.S., UMC; Ph.D., MINN.; A.C.V.M.
- H. C. McDougale, professor emeritus, microbiology; B.S., A.M., UMC; D.V.M., MSU.
- J. T. McGinity, professor, medicine-surgery; D.V.M., KSU; M.S., UMC.
- P. J. Manning, assistant professor, pathology; chief of pathology, Sinclair Farm; B.S., D.V.M., MINN.
- C. E. Martin, associate professor, medicine-surgery; B.S., D.V.M., UMC; M.S., PUR.
- E. C. Mather, assistant professor, medicine-surgery; D.V.M., ISU; M.S., Ph.D., UMC.
- C. C. Middleton, director, Sinclair Farm; associate professor, pathology; assistant professor, community health & medical practice; B.S., D.V.M., UMC; M.S., MSU; A.C.L.A.M.
- L. G. Morehouse, professor, pathology; director, diagnostic lab.; B.S., D.V.M., KSU; M.S., Ph.D., PUR.
- Michel Morin, research associate, pathology; D.V.M., Montreal, Canada.
- B. L. Moseley, assistant professor, pathology; extension specialist; B.S., D.V.M., M.S., UMC.
- J. B. Mulder, assistant professor, medicine-surgery; director, lab animal resources; D.V.M., ISU; M.S., UMC.
- L. C. Murphy, associate dean, research; professor, microbiology; B.S., U. of IDAHO; D.V.M., WSU; A.B.V.P.H., A.C.V.M.
- S. L. Nelson, associate professor, pathology, diagnostic lab; D.V.M., OSU; M.S., Ph.D., PUR.; A.C.V.P.
- K. H. Niemeyer, associate professor, medicine-surgery; B.S., D.V.M., M.S., UMC.
- L. D. Olson, associate professor, pathology; B.S., D.V.M., MINN.; M.S., Ph.D., PUR.
- D. R. Owens, research associate, microbiology, diagnostic lab; B.S., M.S., E. TEX. U.
- R. R. Paddleford, resident, medicine-surgery; D.V.M., UMC.
- W. P. Palmore, assistant professor, physiology-pharmacology; D.V.M., M.S., AUB.; Ph.D., YALE.
- N. M. Patton, research associate, pathology, diagnostic lab; B.S., UTAH S.; D.V.M., CAL.
- P. E. Phillips, research associate, microbiology; B.S., D.V.M., TEX. A&M.
- A. M. Preston, research associate, physiology-pharmacology; B.S., S. CONN. STATE; M.S., Ph.D., PUR.
- E. R. Price, assistant professor, microbiology; assistant professor, community health & medical practice; D.V.M., AUB.; A.B.V.P.H.
- J. D. Rhoades, associate professor, medicine-surgery; B.S., D.V.M., UMC; M.S., KSU.
- G. M. Riley, research associate, pathology; B.V.Sc., SYDNEY, (Aus.); M.V.Sc., MELBOURNE, (Aus.).
- J. H. Riley, research associate, pathology; B.V.Sc., SYDNEY, (Aus.).
- D. E. Rodabaugh, supervisor, Research Farm; professor, pathology; D.V.M., KSU; M.S., UMC.
- B. D. Rosenquist, associate professor, microbiology; D.V.M., ISU; M.S., Ph.D., UMC; A.C.V.M.
- R. H. Schiffman, professor, physiology-pharmacology; director, Space Sciences Research Center; B.S., M.S., ILL.; Ph.D., MSU.
- D. A. Schmidt, professor, pathology; B.S., U. of WIS.; M.S., MINN.; D.V.M., Ph.D., MSU; A.C.V.P.
- P. R. Schnurrenberger, clinical assistant professor, microbiology; chief veterinarian, Illinois Dept. of Public Health; D.V.M., OSU; M.P.H., U. of PITTS.
- L. A. Selby, associate professor, microbiology, community health & medical practice; research associate, Environmental Surveillance Center; B.S., D.V.M., COLO.; M.P.H., DR. P.H., TULANE.
- R. L. Sexton, research associate, physiology-pharmacology; D.V.M., PUR.
- G. C. Shelton, associate dean, academic affairs; professor, microbiology; D.V.M., TEX. A&M; M.S., AUB.; Ph.D., MINN.
- C. E. Short, associate professor, medicine-surgery; D.V.M., AUB.; M.S., BAYLOR.
- C. R. Short, associate professor, physiology-pharmacology; assistant professor, pharmacology, School of Medicine; D.V.M., M.S., OSU; Ph.D., UMC.
- D. B. Sisk, assistant professor, physiology-pharmacology; D.V.M., AUB.; M.S., Ph.D., PUR.
- R. F. Solorzano, associate professor, microbiology, diagnostic lab; B.S., GEORGETOWN; M.S., Ph.D., PENN. S.
- F. E. South, professor, physiology-pharmacology; investigator, Space Sciences Research Center; A.B., Ph.D., CAL-Berkeley.
- R. F. Sprouse, associate professor, microbiology; assistant professor, microbiology, School of Medicine; B.S., KSU; M.S., Ph.D., OKLA.
- H. W. Taylor, assistant professor, medicine-surgery; D.V.M., AUB.; Ph.D., UMC.
- J. L. Taylor, research associate, pathology; B.S., D.V.M., OKLA.
- W. R. Threlfall, resident, medicine-surgery; D.V.M., OSU; M.S., UMC.
- L. G. Tritschler, assistant professor, medicine-surgery; B.S., D.V.M., M.S., UMC.
- M. E. Tumbleson, associate professor, physiology-pharmacology; research associate, Sinclair Farm; B.S., M.S., Ph.D., MINN.
- M. S. Vlaovic, research associate, microbiology; D.V.M., BEOGRAD, Yugoslavia.
- J. E. Wagner, associate professor, pathology, diagnostic lab; D.V.M., ISU; M.P.H., TULANE; Ph.D., ILL. A.C.L.A.M.
- D. J. Wagstaff, assistant professor, physiology-pharmacology; B.S., Ph.D., UTAH S.U.; D.V.M., COR.
- J. E. Weinman, professor emeritus, anatomy; D.V.M., KCV.
- W. E. Wingfield, resident, medicine-surgery; B.S., M.S., WYO; D.V.M., UMC.

New Faces Join Faculty

back computer printouts of all the information organized into about six different classifications. One lists the patients by their number. Another divides them by species—cats, dogs, horses, etc. Others are organized into groups by the topography, etiology and the operations procedure.

This system is called the Standard Nomenclature of Veterinary Diseases and Operation or SNVDO. It was developed by the Cancer Institute and Michigan State University College of Veterinary Medicine when they began the cancer research program and found how difficult it was to compare data from various schools who were all using their own method of reporting.

Twelve Schools in Program

The SNVDO was first used in 1965 and attempts to name and define all diseases and operations encountered in veterinary medicine so comparisons can be made of data from different individuals, clinic services and institutions. At present, twelve institutions participate in the cancer research program.

In addition to the printouts which each school receives each month, IBM punch cards are sent to the School for the use in research or teaching. Soon magnetic tapes, which are much easier to store and to use with the equipment that is available on the UMC campus, will be available with the same data. The information can be used many ways, for example, if a clinician or faculty member from any of the School's departments wants to study a particular disease they can retrieve all the cases reported by the Hospital-Clinic and find out what was done and the history of each animal having that disease.

Microfilm Records

The clinician's reports on each animal also remain on file in the records office and since 1968 have been transferred to microfilms about the size of a postage stamp. They are stored in plastic jackets which hold up to 50 microfilms each representing a page of standard size paper from the patient's chart. It is estimated that 95% more space has been made available since the standard size filing cabinets with manila folders were

Several new faces can be seen around the School of Veterinary Medicine including these new faculty members:

Dr. Harold E. Garner has been appointed professor of veterinary medicine and surgery. Dr. Garner joins Dr. L. G. Tritschler and Dr. J. R. Coffman in the area of equine medicine and surgery. He just completed a Ph.D. at Baylor College of Medicine where he was an instructor and special research fellow.

He received a B.S., D.V.M., and M.S. from Kansas State University and was in private practice for three years before joining the staff of the University of Illinois in 1965 where he was an instructor and then assistant professor until 1968.

A new addition to the small animal faculty is Dr. George G. Doering who is an associate professor in medicine and surgery. He has been an assistant professor at Auburn University since 1967. He received B.S. degrees in veterinary medicine and in agriculture science and a D.V.M. from the University of Illinois. He was the staff veterinarian for the Humane Society of Missouri for a year and then an associate veterinarian with the Russell Animal Hospital, Concord, N.H., before working on an M.S. at Purdue University.

Also in the Department of Medicine and Surgery, Dr. Toby R. Hoover has been appointed assistant professor. He just finished an M.S. in Obstetrics and Reproductive Diseases at Cornell University. He received a B.S. and D.V.M. from Oklahoma State University. He then was with the Willis Veterinary Hospital in Ardmore, Okla., until beginning work on his degree at Cornell in 1969. He worked part-time with Dr. Anson C.

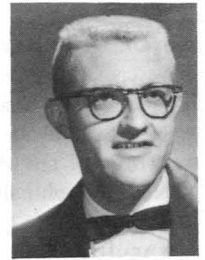
eliminated and replaced by the data retrieval system. The compact 4x6 inch plastic jackets are stored in a cabinet with drawers wide enough for two jackets and 21 inches deep. Each drawer holds 4,000 jackets and each cabinet has eight drawers or holds 32,000 jackets.

When a clinician or student needs to see a record the jacket is placed in a reader-printer and the page that is needed

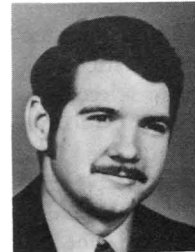
Continued on page 4



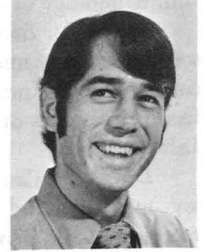
Garner



Doering



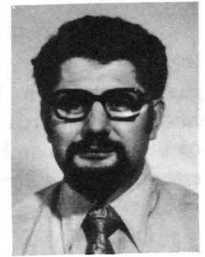
Hoover



Phillips



Fein



Vlaovic

Lewis, Pine City, N.Y., while in graduate school.

Three research associates have been added to the Department of Veterinary Microbiology. Dr. Patrick E. Phillips received his D.V.M. this summer from Texas A&M University where he also received a B.S.

Dr. Diana Fein received an M.P.H. this summer from the University of Minnesota where she was also a teaching assistant. She has a V.M.D. from the University of Pennsylvania.

A native of Yugoslavia, Dr. Milan Stephen Vlaovic received a diploma in veterinary science from the University of Beograd. He has worked in both Yugoslavia and West Germany primarily as a large animal veterinarian. He came to Saskatoon, Canada, in 1968 and completed a B.S. at Western College of Veterinary Medicine in 1970. He has been a research assistant there this past year.

— About the Faculty —

Dr. D. R. Howard, research associate in veterinary medicine and surgery, and *Dr. H. E. Jensen*, associate professor of veterinary medicine and surgery, attended meetings of the American College of Veterinary Ophthalmology and the American Academy of Ophthalmology and Otolaryngology Sept. 17-24 in Las Vegas, Nev. They presented an exhibit on the ophthalmology of domestic animals.

Dr. G. M. Buening, assistant professor of veterinary microbiology, attended a colloquium on immunity to selected infectious diseases of swine Sept. 14-16 in Lafayette, Ind.

Dr. A. A. Case, professor of veterinary medicine and surgery, attended a meeting of the Toxicology Ad Hoc Environmental Health Subcommittee Sept. 8 at UMKC.

Dr. Louis G. Tritschler, assistant professor of veterinary medicine and surgery, gave a talk on Venezuelan Equine Encephalomyelitis to about 300 equine owners, 4-H members and others interested in horses Sept. 10 at the Parkway West School in St. Louis, Mo.

Dr. F. E. South, professor of veterinary physiology and pharmacology and investigator in the Space Sciences Research Center, helped present a paper entitled "Hibernation and Active Thermoregulation: Responses to Manipulation of the Temperature of the Preoptic Region of the Marmot" to the Society for Cryobiology meeting in Washington, D.C., Aug. 29-Sept. 2. The paper dealt with experimental and theoretical analysis of temperature regulation during hibernation.

School of Veterinary Medicine

Dr. J. E. Breazile, professor and chairman of veterinary anatomy, was elected chairman of several subcommittees while attending meetings of the World Association of Veterinary Anatomists in August in Mexico City. These include the subcommittee on nervous system of the International Commission on Avian Nomenclature, the gross anatomy subcommittee on sense organs, and the histology subcommittees on nervous tissue, nervous system and sense organs.

Dr. J. R. Coffman, associate professor of veterinary medicine and surgery, presented two papers at a short course at Oklahoma State University in September. They were entitled "Acute Abdominal Diseases in the Horse" and "Laminitis in the Horse."

Bierschwal, Martin Con't

nize veterinarians as specialists in theriogenology; the encouragement of scientific investigations and the reporting of these; the development of methods and programs in continuing education for veterinarians, especially practitioners; the development of graduate study and residency programs; and the establishment of high standards and guidelines for professional attainment and specialization. The College has a dedicated commitment toward increasing the competence in theriogenology among veterinary practitioners and shall develop procedures for evaluating, recognizing and certifying special competence among practitioners.

Dr. Bierschwal has been appointed to serve on the Credentials and Examination Committee.

Clinic Records Con't

is seen at its original size on a screen similar to a television screen. If a copy is needed for further study, that page can be printed on paper with just a push of a button.

Transferring the charts to the microfilm is done with a rotary camera which is about the size of a typewriter. They are done by Mrs. Becky Forbes "whenever we run out of shelf room"

Daily Census Compiled

Mrs. Forbes and Mrs. Barbara Elkins assist Mrs. Raasch and are responsible for compiling a daily census of all the patients seen or staying in the Hospital-Clinic. Mrs. Forbes handles the records for the large animal clinic and Mrs. Elkins the small animal clinic.

From these daily census reports Mrs. Raasch prepares a monthly statistical report for the clinicians as well as retrieves specific information for them when needed for teaching or research purposes.

The Records Office is a busy place with about 40 clinicians and 120 students requesting information from 50,000 records. To Mrs. Raasch it is a challenge and an enjoyable one. She is anxious to recruit interested young people into the medical records field. She points out the growing opportunities in the field as medical services become more complex and more complicated medical records systems are used in hospitals and medical centers requiring the services of a medical records technician.

VETERINARY MEDICAL REVIEW

104 Connaway Hall

University of Missouri-Columbia

Columbia, Missouri 65201



vmr1971no46specs

MU Libraries
University of Missouri--Columbia

Digitization Information Page

Local identifier vmr1971no46

Capture information

Date captured	11/2013
Scanner manufacturer	Zeutschel
Scanner model	OS 15000
Scanning system software	Omniscan v.12.4 SR4 (1947) 64-bit
Optical resolution	600 dpi
Color settings	24 bit color
File types	tiff

Source information

Content type	text
Format	issues / serial
Source ID	
Notes	

Derivatives - Access copy

Compression	Tiff:compression: 1
Editing software	Adobe Photoshop CS5
Editing characteristics	
Resolution	300 dpi
Color	gray scale / color
File types	pdf
Notes	