

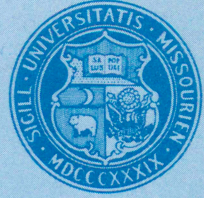


# SCHOOL OF VETERINARY MEDICINE

# FACULTY NEWSLETTER

UNIVERSITY OF MISSOURI - COLUMBIA

JUNE, 1968 - NO. 12



## New Grants Reflect Research Activity

Research continues to progress at the School as evidenced by the grants awarded to faculty members. The U. S. Department of Health, Education and Welfare recently earmarked dollars to four different research projects here.

Further investigation is being conducted into the morphological and functional aspects of the secretory activity of nerve cells by Dr. Horst-Dieter Dellmann, professor of veterinary anatomy.

Dr. Dellmann was awarded \$16,449 for the 3rd year of his 4-year study entitled "Fine Structure and Hormones of the Neurohypophysis" by the National Institute of Neurological Diseases and Blindness.

Co-investigators on the grant are Dr. Homer E. Dale, professor and chairman of veterinary physiology and pharmacology, and Dr. Walter A. Aue, assistant professor of agricultural chemistry.

Dr. Dellmann hopes to gain more basic information on the mechanisms of protein synthesis by using frogs in experimental studies, and cattle, dogs and cats in morphological investigations. Techniques employed in this research include light and electron microscopy, bio-assay procedures, gas liquid chromatography and thin layer chromatography.

A grant of \$11,048 was awarded to Dr. Donald E. Weinman, associate professor of veterinary physiology and pharmacology, by the National Institute of Child Health and Human Development.

Dr. Weinman will continue into a third year of research on "Physiological Mechanisms of Spermatozoa Capacitation." He is seeking basic information on the major physiological phenomenon concerning reproduction in mammals.

A post-doctoral training program in laboratory animal medicine at the University of Missouri - Columbia has been aided by a grant of \$29,085 from the U. S. Public Health Service.

Laboratory animal medicine is a recognized veterinary medical science concerned with the identification, control and characterization of diseases of laboratory animals; the use of laboratory animals in biological research; and the management of laboratory animal colonies.

The grant is under the direction of Dr. Keith L. Kraner, director of laboratory animal medicine and professor of veterinary medicine and surgery.

Members of the Veterinary Microbiology Department are investigating the effects of clinical gastro-intestinal round-worm infections upon viral disease. The investigators are using germ-free as well as conventional animals to determine the influence of parasitism upon viral infections.

This year's research was made possible through a grant of \$12,803. The principal investigator on the project entitled "Influence of Helminths upon Viral Disease" is Dr. Richard B. Wescott, associate professor of veterinary microbiology and of medical microbiology.

Co-principal investigators include Dr. George C. Shelton, professor and chairman of veterinary microbiology and associate dean, and Dr. Norris D. Rohde, research associate

## Six New Members Join School Faculty in July

With the 1968 fiscal year starting, new appointments are coming through rapidly. Reporting to work in July are six new faculty members.

*Dr. C. Richard Dorn* will be jointly appointed as associate professor of veterinary microbiology and of community health and medical practice. He received a D.V.M. degree in 1947 and an M.P.H. degree in 1962 from Ohio State University.

He was a staff veterinarian for a general practitioner in Canton, Ohio in 1957. From 1958-60 he was a veterinary officer and assistant to the preventive medicine officer for the U. S. Air Force. In 1960 he was a veterinary inspector for the Cincinnati Health Department.

Formerly, during 1962 to the present, Dr. Dorn was chief of the epizootiology section of the California Cancer Field Research Program in the California State Department of Public Health, Berkeley.

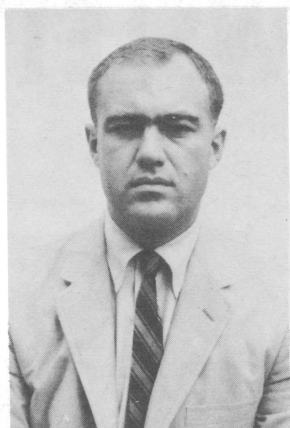
His memberships include the AVMA, California VMA, Alameda VMA, Contra Costa VMA, American Public Health Assn., Conference of Public Health Veterinarians, Phi Eta Sigma, Alpha Zeta and Sigma Chi.

The Dorns have two children aged 1 year and 7 months. *Dr. William F. McCulloch* was recently appointed as the new director of veterinary medical continuing education and

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**Dr. McCulloch**



**Dr. Palmore**



**Dr. Swenson**



**Dr. Threlfall**

professor of veterinary microbiology with a third appointment as associate professor of community health and medical practice.

He is a recognized authority in infectious diseases and was formerly the chief of the comparative section, University of Iowa Institute of Agricultural Medicine, Iowa City, Iowa.

On June 8, Dr. McCulloch, a 1956 graduate of Iowa State University, was honored by his alma mater for being an "outstanding young alumnus." The citation is for any alumnus under 36 years of age whose distinction in professional, civic, business, performing arts, political or similar activities has honored Iowa State.

Dr. McCulloch received his D.V.M. degree from Iowa State University in 1956 and an M.P.H. from the University of Minnesota in 1960. He did a two-year tour of duty as post veterinarian in the Veterinary Corps from 1956-58. Following military duty he was in small animal practice in Des Moines, Iowa. From 1960 until the present he has been at the University of Iowa.

As associate professor of preventive medicine and environmental health at the University of Iowa, he has taught in the College of Medicine, Dentistry and Pharmacy and directed research on diseases common to animal and man.

Among his professional, honorary and social affiliations are the following: AVMA, American Public Health Assn., Iowa VMA, Eastern Iowa VMA, Johnson County Medical Society, Conference for Public Health Veterinarians, U. S. Livestock Sanitary Assn., American Assn. of Laboratory Animal Science, Wildlife Disease Assn., Leptospirosis Research Workers Conference, American Assn. of Veterinary Parasitologists, Assn. of Teachers of Veterinary Public Health and Preventive Medicine, Sigma Xi, Alpha Zeta, Phi Zeta, Beta Theta Pi, Masons and Shrine.

The McCullochs have three children aged 10, 8, and 6 years.

*Dr. William P. Palmore* will be an asset to the Department of Veterinary Physiology and Pharmacology as assistant professor. He received his D.V.M. degree in 1959 and his M.S. degree in 1964 from Auburn University and his Ph.D. degree in 1967 from Yale University.

In 1959 he was an assistant veterinarian in Fayetteville, N. C. before joining the U. S. Air Force as veterinary officer. When he was discharged in 1961 he was an NIH post-doctoral research fellow at Auburn University until 1963. Then he became an NIH post-doctoral research fellow at Yale University until 1967 when he was a pathologist in the Division of Animal Care and research associate in the Department of Pathology at Yale.

Dr. Palmore belongs to Kappa Alpha order, Sigma Xi and the AVMA. He and Mrs. Palmore have two children: 2½ years and 1 year.

*Dr. Ronald L. Schueler* is a new research associate in veterinary pathology. He holds a D.V.M. degree in 1962 from the University of Georgia and an M.S. degree in 1966 from Purdue University.

He was chief of the veterinary service at the Griffiss Air Force Base in New York from 1962-64. From 1966 to the present he has been research pathologist at Merck, Sharp and Dohme in West Point, Pa.

Dr. Schueler's affiliations include the AVMA, Alpha Psi, Phi Zeta, Gamma Sigma Delta and Phi Kappa Phi.

Dr. and Mrs. Schueler have a set of twins aged 4 years and another child who is 1 year.

✓ *Dr. Walter R. Threlfall* has been appointed a research associate in veterinary medicine and surgery. He is a 1968 doctor of veterinary medicine from Ohio State University.

He was a resident intern from 1965-66. Dr. Threlfall is a member of Omega Tau Sigma, Phi Zeta and the Junior AVMA.

*Dr. Gene H. Swenson* joins veterinary microbiology as a research associate. He received his D.V.M. degree in 1958 from Iowa State University.

His first year out of school he worked for a general practice veterinarian in Alpha, Ill. and from 1959-68 he had his own practice in Northern Illinois.

Dr. Swenson's memberships include the AVMA, Illinois VMA, Northern Illinois VMA, Masons and the American Legion. The four Swenson children range in ages 14, 11, 10 and 8 years.



# — About the Faculty —

Five faculty members presented individual papers at the North Central Poultry Disease Conference and the North Central Conference of Veterinary Laboratory Diagnosticians June 11-13 at Iowa State University in Ames.

*Dr. E. L. McCune*, assistant professor of veterinary microbiology, presented "The Structure and Pathology of Keel Cysts (Breast Blisters)" on June 11. On June 12, *Dr. L. D. Olson*, associate professor of veterinary pathology, presented a paper on "Comparison of Commercial and Autogenous Bacterins for the Control of the Cranial Form of Fowl Cholera in Turkeys," and *Dr. L. G. Morehouse*, professor and chairman of veterinary pathology, talked on "Rabies in Swine."

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*Dr. J. D. Wallach*, research associate in veterinary pathology, talked on "Bone Dyscrasias in Exotic Birds" on June 13 along with *Dr. D. A. Schmidt*, professor of veterinary pathology, whose paper was "Laboratory Diagnosis of Anemias."

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*Dr. H. M. Parrish*, associate professor of veterinary microbiology and professor of community health and medical practice, has been appointed to a 7-state regional health advisory committee by Dr. William H. Stewart, surgeon general of the U.S. Public Health Service.

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*Dr. Lloyd A. Selby*, assistant professor of veterinary microbiology and of community health and medical practice, attended the first annual meeting of the Society for Epidemiological Research in Washington, D. C. May 10-11. He also attended a course on "Pesticides and Public Health" May 13-16 at the National Communicable Disease Center there.

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*Dr. H. H. Berrier*, associate professor of veterinary pathology, is lecturing on "Clinical Pathology" June 17 to July 1 to the military resident pathologists in Washington, D. C. Dr. Berrier is on active duty with the Air Force Veterinary Corps.

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Four members of the Department of Veterinary Medicine and Surgery presented papers at the Region 7 meeting of the American Association of Bovine Practitioners June 19 in Springfield, Mo.

*Dr. A. A. Case*, professor, presented the first paper on "Bovine Parasites—Identification and Treatment" followed by *Dr. Donald W. Johnson*, professor, on "Immunology—How It Relates to Preconditioning."

The other members included *Dr. James E. English, Jr.*, associate professor, on "Management of Vaginal and Uterine Prolapse—Replacement and Retention Techniques" and *Dr. C. J. Bierschwal, Jr.*, professor, on "Bovine Anestrus—Causes and Treatment."

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*Dr. Saul D. Larks*, professor of veterinary physiology and pharmacology, appeared on KOMU-TV June 18-20 to discuss his research in physiology of the fetus and birth processes.

The program was "Of Interest to Women" with Mrs. Esther Griswald as the moderator.

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*Dr. Richard Dorn*, associate professor of veterinary microbiology and of community health and medical practice (see new faculty), spoke on "Comparative Aspects of Cancer Research" June 26 in Connaway Hall. His lecture was part of the Assembly Lecture Series.

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*Dr. F. W. Oehme*, research associate in veterinary physiology and pharmacology, is the author of a recently published article in *Veterinary Medicine/Small Animal Clinician* (Vol. 63, No. 6, June, 1968).

The title is "Resection of the Bovine Epididymis (a procedure for preparing teaser bulls and securing increased weight gain in male feeder cattle)."

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*Dr. Donald C. Blenden*, associate professor of veterinary microbiology and of community health and medical practice, was recently elected secretary-treasurer of the newly organized Assn. of Teachers of Veterinary Public Health and Preventive Medicine. *Dr. William F. McCulloch*, professor of veterinary microbiology, director of veterinary medical continuing education and associate professor of community health and medical practice (see new faculty), was elected to the Executive Council.

## Newest Oehme Arrived

The Oehme household is active with the new arrival of Heidi Beth on May 27th (during "final examination" week). Heidi weighed in at 8 lbs. 6 oz.

The 7-year-old twins, Steve and Susan, will have another sister to watch, but 3-year-old Debbie acquired a new playmate. Tillie and Toto, the Basset hounds, just sighed at the news.

Dr. Oehme is a research associate in veterinary physiology and pharmacology busily working on his Ph.D. degree amidst all of the family commotion.

## 1968 AVMA Convention Scheduled for July 21-25

The 105th annual meeting of the American Veterinary Medical Assn. will be held from July 21-25 at the Boston-Sheraton Hotel in Boston, Mass.

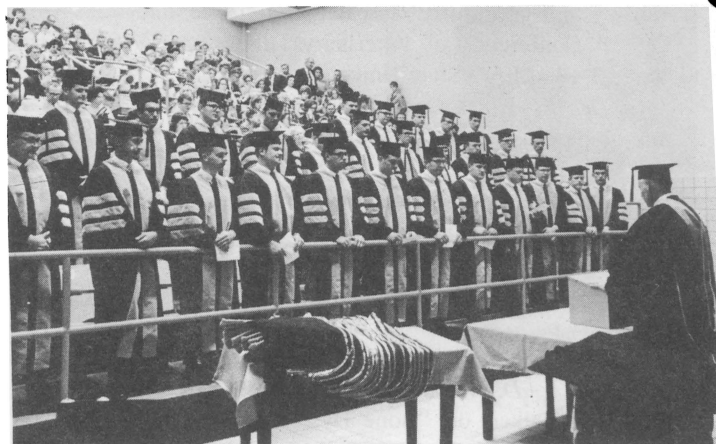
A few of the programs will feature discussions of the relationship between veterinarians and world food problems, a day-long session on laboratory animal medicine, and a scientific meeting on a new special-interest group called "The Academy of Comparative Cardiology" organized for the advancement of cardiovascular studies.

Some time during the 5-day meeting the new national officers will be installed.

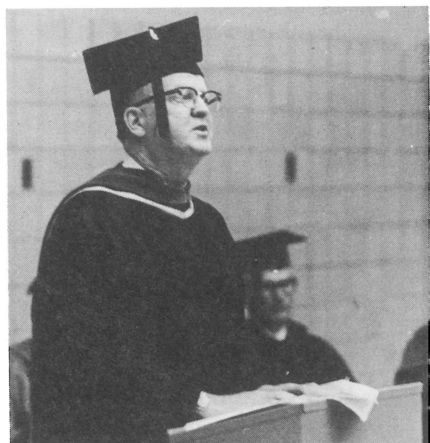
# Farewell, Class of 1968



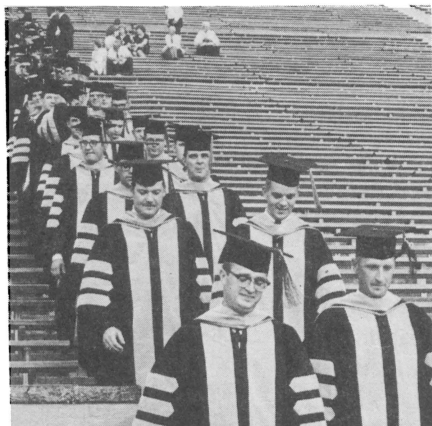
Top brass includes (left to right) Drs. McClure, Dale, ShROUT, Schooling, Kingrey, Kitchell, Blum, Shelton, Morehouse and Rines.



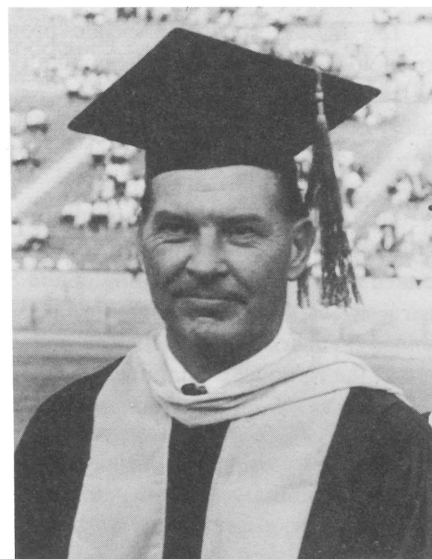
Dr. A. E. Blum, president of MVMA, renders the Veterinarians' Oath to the class.



Dr. Ralph L. Kitchell, dean of Iowa State University College of Veterinary Medicine, was featured speaker at the Precommencement Exercises.



The last mile . . . .



"Welcome Alumni"

School of Veterinary Medicine  
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