

MISSOURI ALUMNUS

SEPTEMBER-OCTOBER 1971

VET med

Reproduction Study Progress Reported

The University research team studying oviductal function reported major progress to the Society for the Study of Reproduction July 1 in Boston. The interdisciplinary team, headed by Dr. Saul D. Larks, professor of veterinary physiology and pharmacology, includes Dr. Richard B. Hoffer, associate professor of veterinary medicine and surgery, Dr. Earl J. Charlson, associate professor of electrical engineering, and Mrs. Golda G. Larks, research assistant in the department of veterinary physiology and pharmacology.

The team, which has been using goats in its studies, reported an important breakthrough in its investigation of electrical activity of the oviducts.

Studies have shown that the amount of electrical activity is related to changes in hormone levels in the oviducts.

These hormone levels change in a cyclic fashion

and help determine the period of greatest sexual receptiveness, or estrus, in female mammals.

The team is optimistic about the value of such studies in the future. "The progress in this area may well lead to the development of new methods of contraception as well as to better understanding of oviductal function," Larks says.

Kingrey Granted Sabbatical Leave

Dean B.W. Kingrey of the School of Veterinary Medicine has been granted six months of sabbatical leave to be used flexibly during the next 12 months. He plans to visit a series of educational institutions, governmental agencies and to establish arrangements with practices interested in collaborating with the OPTIONAL program for free block rotation of students.

Dr. George Shelton will serve as divisional dean of the School replacing Dr. Kingrey while he is traveling throughout the country.

Michigan State Honors Faculty Member With 'Outstanding Service Award'



DR. ESTHER M. BROWN

Dr. Esther M. Brown was recently honored with the "Outstanding Service Award" from the School of Medical Technology of Michigan State University.

She is professor of veterinary anatomy at the University of Missouri-Columbia.

She was cited for "the dedicated service which you have given to the development of the profession of Medical Technology while at Michigan State University.

Your contribution to the lives of hundreds of students as a teacher, counselor, professional colleague and friend is beyond value.

"You were instrumental in building quality into the academic program and character into students. . . Most of your former students have contributed to the health care of the people all across this nation by utilizing the talents which they developed in large part while under your counsel."

The presentation was made at the precommencement program on June 18 at Michigan State University's School of Medical Technology where Dr. Brown had been asked to be the speaker.

Dr. Brown received her BS, MS, and PhD in pathology from Michigan State University.

WHAT DO YOU THINK ABOUT THIS NEWSLETTER?

1. Would you like more news, less news, or about the same amount of news about:

	More	Less	Same
Students	_____	_____	_____
Faculty, administration	_____	_____	_____
Research	_____	_____	_____
Placement	_____	_____	_____
Alumni activities	_____	_____	_____
Curriculum, teaching	_____	_____	_____
Continuing education, conferences, workshops	_____	_____	_____

2. Would you like the newsletter to contain (check one only)

More short, newsy items _____
or
More longer features _____

3. This newsletter contains news only about Veterinary Medicine. Would you also like to know some of the news highlights from the other schools and colleges on campus?

Yes _____ No _____

4. Comments

PLEASE FILL OUT THIS QUESTIONNAIRE, TEAR IT OFF, AND MAIL IT. NO POSTAGE IS NECESSARY. THANK YOU.

School Establishes Resources Center

An Educational Resources Center was established for the School in July to assist the faculty in the improvement of teaching and to provide production services in instructional media.

Dr. Edward R. Ames, who has been the director of educational resources on a part-time basis, has announced the new staff members. Dr. Ames will become the chairman of the educational resources committee and will continue to work with the staff on an advisory basis.

Mrs. Martha Jo Martin has been named coordinator of educational resources. She will work with the faculty in planning and producing instructional materials, handle requests for services, and coordinate the work of the staff in providing materials and services.

New staff members include Ron Cherkas, who will be primarily responsible for photography and audio-visual production. He just completed a BS in Distributive Studies at Iowa State University, combining zoology, veterinary anatomy, technical journalism and film production. He worked for the ISU School of Veterinary Medicine as photographer and medical illustrator while in school.

The other new staff member is Miss Kathy Doherty, who will be the secretary. She just received her degree from the School of Journalism.

Dr. Phil Garrett will continue to do medical illustration.

Trenton Boyd, the School's Librarian will work with the Center to establish an audio-visual library and a catalog system for audio-visual materials.

Student's Painting Decorates Lounge

Paint brushes and canvas are the tools of a hobby which has gained quite a reputation for Doug Sysel, third-year student in veterinary medicine at the University. One of his paintings now hangs in the school's new student lounge.

While he paints at most any subject, his most recent work has been of horses.

The painting for the lounge is of Ibn Moniet El Nefous, an Arabian Stallion, owned by Jay and Dorothy Stream, Greengate Farms, San Juis Obispo, Calif. Doug painted the stallion from a photograph which appeared on the cover of the Arabian Horse World.

Painting has always been a part of Doug's life although he just began selling his work about five years ago. As a student in veterinary medicine, he admits the biggest problem is time to pursue his hobby.

Laboratory to Aid Teaching, Research

A newly remodeled laboratory for the study of animal reproduction has been added to the facilities of the University of Missouri-Columbia School of Veterinary Medicine. Called the theriogenology laboratory, it is designed to serve the undergraduate teaching

programs and clinical research needs. It includes animal holding areas for large animals, offices for staff members, separate laboratories for research and student teaching, and a conference area.

Dr. E. C. Mather, assistant professor of veterinary medicine, has been associated with the development of the laboratory for the past three years.

"The remodeling, alterations and expansion of a facility of this kind will never be completed as it must meet changing needs. It is a functional addition to our present needs and is proving that with proper directing, teaching and clinical research can enjoy a harmonious relationship with minimum expenditure for space and animals," he says.

Grants Continue Rabies Research

Dr. D. C. Blenden, associate professor of veterinary microbiology and community health and medical practice, has been awarded three grants to continue research on a "Biopsy Technique for the Early Clinical Diagnosis of Rabies."

The American Kennel Club granted \$8,500 for this purpose, the Kansas City Association of Trusts and Foundations \$500, and the World Health Organization an additional \$500.

The research project is attempting to develop a technique which will permit a biopsy to be performed at the time the human is bitten which will reliably predict whether

the animal is rabid. This may prevent the necessity of expensive anti-rabies vaccinations and the anxiety of waiting until a definite diagnosis can be made.

Such a decision can now only be made from the examination of brain tissue after the animal is dead.

Legacy of Ethics Given With Diploma

"Tomorrow your fellow men will call you 'doctor' and feel confident in your scientific training because they know of all the examinations you have passed. The world may never stop to question whether this school has examined you and graded you on professional integrity," Dean B. W. Kingrey told the 52 graduates of the School of Veterinary Medicine in June.

"That part of your diploma that says you are technically trained and skillful, you have earned. That part of your diploma that says you are honorable and ethical, you have not earned. This part is a gift to you. A heritage for you earned by men and women who have gone ahead of you."

"Faculties at schools did not invent ethics. Practitioners did. They expect you to guard it jealously, to add to it so that others after you will inherit even a greater legacy."

Dr. Kingrey, dean of the School of Veterinary Medicine, was the speaker at the fourth annual precommencement exercises.

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