



# School of Veterinary Medicine

# **FACULTY NEWS**

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March, 1967 - No. 1

## INTRODUCING A PUBLICATION

The Faculty News is a new monthly publication that will especially interest you since it is for the faculty and staff of the University of Missouri School of Veterinary Medicine. It will cover events of current interest, School activities, and professional and social items about you and your colleagues. It will also carry announcements of coming events. The tone of this publication is informal.

For some time I have felt the need for a publication of this sort to strengthen communication within the School. As the faculty has been growing so rapidly, it is increasingly difficult to keep abreast of one another's achievements and honors. I know each department is well informed of the activities within its realm, but I think inter-departmental exchange of information is important too. It can acquaint you with members of the other departments and alert you to related facilities, studies and interests in all departments.

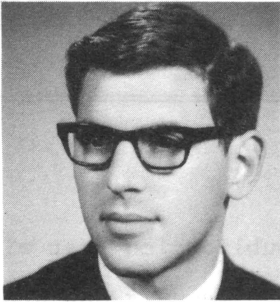
To make this publication a success your help is needed. Please give the Editor, Mrs. Pat Adams, all of the support and help you can in getting articles and items for the Faculty News.

Thank you,

  
B. W. Kingrey  
Dean

W-E-L-C-O-M-E

The welcome mat is always out for new faculty members to the School. It's difficult enough to get acquainted with all of the present faculty, so a little background information might be helpful in meeting the newest members. Alphabetically we present:



Dr. Charles G. Martin, with previous experience in his own practice in Marceline, Mo. and on the clinics staff at Purdue, is a new assistant professor of veterinary medicine & surgery here. The Martins' three children fall in ages 13, 12 and 5.



Dr. Chestnut

Dr. Julian S. Chestnut as a new instructor in veterinary medicine & surgery. A bachelor, Dr. Chestnut's degrees include a B.S. and a D.V.M. from Michigan State.

Mr. Darrell D. Cruea joins us as a research assistant in veterinary physiology & pharmacology. Formerly a physiologist at the U.S.D.I. Fish Pesticide Laboratory in Colorado, Mr. Cruea holds a B.S. from Wyoming and a M.S. from Colorado State. The Crueas have one 3-year-old child.

Dr. Donald W. Johnson is a new professor of veterinary medicine & surgery and was previously on the faculty of the University of Minnesota from which he received a B.S., D.V.M. and Ph.D. The Johnsons bring with them to Columbia two children, ages 6 & 3.

Dr. Selby  
Dr. Lloyd A. Selby, formerly at Tulane, is on joint appointment here as an assistant professor of community health & medical practice. He holds a M.P.H. from Tulane and a B.S. and D.V.M. from Colorado. The Selbys are still in the diaper detail with two children 18½ months and 5½ months.



Dr. Martin

Dr. Short  
Dr. Charles "E!" Short will add a little confusion to the roster as the School also has a Charles "R!" Short in veterinary physiology and pharmacology. However, Dr. "E!" Short is a new research associate in veterinary medicine

& surgery. With his D.V.M. from Auburn University, Dr. Short previously worked in anesthesiology for cardiovascular surgery at the Baylor University College of Medicine in Houston. The three short children are ages 9, 7 & 2.



Dr. Ticer

Dr. James W. Ticer is a new associate professor of veterinary physiology & pharmacology. He was formerly a fellow (U.S.P. H.S.) in radiation biology at the College of Veterinary Medicine, Colorado State. He has a B.S. and D.V.M. from California, and a M.S. and Ph.D. from Colorado. The Ticer family includes four children ages 13, 12, 10 & 8.

#### NIH Dental Visitors Met Here

Four representatives from the National Institute of Dental Research at Bethesda, Md. met with research investigators from the School Feb. 20-21 in the board room at Connaway Hall.

These representatives discussed mutual areas of dental research with investigators from the School of Veterinary Medicine, School of Medicine and other health-related groups including two members of the University School of Dentistry at Kansas City.

Some of the School's investigators included those concerned with studies of congenital anomalies, trace amount substances, and tetracycline and tooth development in swine.

#### Shelton Appointed to New University Committee

Dr. George C. Shelton, associate dean and chairman of veterinary microbiology, was recently appointed to the Educational Policy Committee for the University. Chancellor John Schwada said the appointments were based upon those who received the most votes within their own divisions. He also said that he would meet with the Committee at any time to discuss the University's problems and to seek its views with respect to matters of importance.

#### Recently Published Authors

Dr. S.D. Larks, professor and Mrs. Golda G. Larks, research assistant, both of veterinary physiology & pharmacology, are co-authors of a paper entitled "Fetal Q. R. and S. Amplitudes for Deliveries from 31 to 41 Weeks." Continuing their investigations of prenatal life and the birth process, this paper was just published in the international journal *Cardiologia*, Vol. 49.

Dr. Larks will also serve as chairman of a scientific session within the area of biomathematics at the 7th International Conference on Medical and Biological Engineering August 14-17 in Stockholm, Sweden.

Dr. F.W. Oehme, instructor of veterinary physiology & pharmacology, is the co-author of a paper entitled "Hepatogenous Photosensitization in Cattle" which was published in the January 15th issue of the *Journal of the American Veterinary Medical Assn.*, Vol. 150, No. 2.

Also included in the same issue was an article entitled "Listeric Myelitis in Sheep" which was partly written by 2 other members of the faculty: Dr. D.C. Blendon, associate professor of veterinary microbiology and community health & medical practice; and Dr. L. D. Kintner, professor of veterinary pathology.

## Anatomists to Discuss Nomenclature Here

The Department of Veterinary Anatomy anticipates a busier-than-usual schedule in early April. It will be host to a group of 14 anatomists meeting here in conference April 3 & 4 to review proposals for the last sections of the first edition of "Nomina Anatomica Veterinaria" similar to human anatomy's "Nomina Anatomica" which is now in its third edition.

Included in this group are members of the American Assn. of Veterinary Anatomists Committee on Nomenclature who are also members of the International Committee on Veterinary Anatomical Nomenclature.

Some of the members who will be here and are also delegates to the international meeting are: Dr. R. E. Habel, professor & head of veterinary anatomy at New York State Veterinary College, Cornell (Dr. Habel is chairman of the American Committee & vice-chairman of the International Committee); Dr. J. E. Brazile, associate professor of physiology & pharmacology at Oklahoma State; Dr. H.-D. Dellmann, professor of veterinary anatomy here; Dr. A. Horowitz, associate professor & head of veterinary anatomy at the University of Saskatchewan; Dr. R. C. McClure, here (who is chair-

man of the international subcommittees for the peripheral & anatomic nervous systems); Dr. O. W. Sack, associate professor of veterinary anatomy at New York State Veterinary College, Cornell; and Dr. A. F. Weber, professor & head of veterinary anatomy at the University of Minnesota.

Other members attending the Columbia meeting include: Dr. Lois M. Calhoun, professor & head of veterinary anatomy at Michigan State; Dr. H. E. Evans, professor of veterinary anatomy at New York State Veterinary College, Cornell; Dr. R. Getty, professor & head of veterinary anatomy at Iowa State; Dr. A. M. Lucas, research zoologist for the U.S.D.A. at Michigan State; Dr. L. E. St. Clair, professor of veterinary anatomy at the University of Illinois; and Dr. W. G. Venzke, professor & head of veterinary anatomy & assistant dean & secretary of the veterinary faculty at Ohio State.

In addition to these members is a guest anatomist, Dr. L. A. DiDio, professor of anatomy at Northwestern University Medical School. Dr. DiDio is former head of the anatomy department at the Veterinary School, Belo Horizonte, Brazil.

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### Every Little Bit Helps (Viral Disease)

The U. S. Public Health Service is approving a \$10,971 grant for support of research under the direction of Dr. R. B. Wescott, associate professor of veterinary microbiology. The grant is for the first year support of a 3-year project on the "Influence of Helminths upon Viral Disease."

(Kennel Club)

The School recently received a \$400 donation from the Southeast Kennel Club, Inc. of Cape Girardeau, Mo. The money is profit from a dog show held by the

Club. It is the Club's second donation to the School and will be used to purchase equipment for small animal research projects.

### Faculty Wives Sponsored A Dinner

The Faculty Wives sponsored a buffet dinner from 6:30 to 10 p.m. Saturday, March 11 at the Holiday Inn East. Attendance was good with 80 people. Although there was no planned entertainment, the St. Patrick's decorations set the stage for a nice evening of socializing. Those wives helping on the committee for the evening were: Mrs. C. J. Bierschwal, Mrs. R. W. Loan, Mrs. L. C. Murphy, and Mrs. M. P. Rines.



### Luncheon Meetings Helpful

Dean B. W. Kingrey calls an informal luncheon meeting about twice a semester between himself, Dr. Shelton who is associate dean, the faculty adviser, each class's 2 officers, the A.V.M.A. officers and 2 representatives from the Missouri Veterinarian.

These meetings are not pre-arranged, but occur sporadically through the semester when there is need for such a meeting. Box lunches are ordered from the Memorial Student Union and everyone meets in the conference room on the second floor of Conaway Hall at noon. Attendance is pretty good with about 15 members present each time.

This type of meeting is another way in which the School has in improving communication between the students and the faculty.

### Carithers is New Faculty Adviser

The new faculty adviser to the student chapter of the A.V.M.A. is Dr. R. W. Carithers, instructor in veterinary anatomy. As a liaison officer between the faculty and the student body, he "sits in" at all of the executive board meetings and the monthly A.V.M.A. meetings. During these he serves as an adviser on school policy and renders his opinion on various matters when consulted.

Other responsibilities as a faculty adviser include co-signing all student loans from School funds and chaperoning at A.V.M.A. dances and social functions.

Beginning his one-year term in February, Dr. Carithers predicts a definite increase in communication between students and faculty members. He says he will welcome any ideas or projects from the faculty to help stimulate activity within the organization.

Dr. R. E. Hoffer, associate professor of veterinary medicine & surgery, was formerly the faculty adviser.



The attention span of the group is twofold: what the Dean is saying and what goodies are in their lunchboxes. This meeting was held March 10th to discuss such things as the awards night, pre-commencement ceremonies and other timely subjects.

### Two to One Odds In February

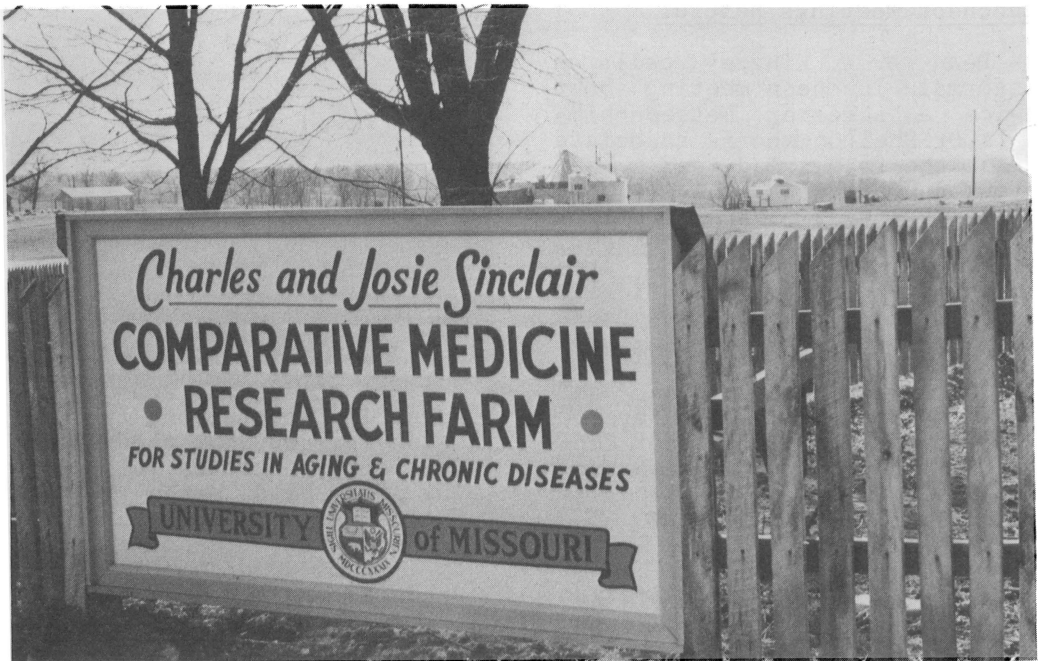
Congratulations are in order for the proud sets of parents who added their contributions to the Columbia population in February.

Ladies first in the introductions!

Kathryn Elizabeth, all 7 lbs. 11 ozs. of her, was born to Dr. & Mrs. E. C. Mather, instructor in veterinary medicine and surgery, on Tuesday, Feb. 28. The Mathers' 7-year-old boy, Brent can now play the role of protector to his little baby sister.

The Garretts received an unusual "valentine" this year -- a 6 lb., 12 oz. bundle named James Andrew on Tuesday, Feb. 14. Dr. & Mrs. P. D. Garrett, medical illustrator, have another son in the nursery-school category, 4-year-old Michael David.

A first for Mr. & Mrs. Reinhold Dembinsky was the birth of Stephen weighing 7 lbs. 3 ozs. on Tuesday, Feb. 21. Mr. Dembinsky is a taxidermist in veterinary anatomy and recently was featured for his work in the Columbia Missourian newspaper.



#### Sinclair Farm on the Move

As director of the Sinclair Comparative Medicine Research Farm, Dr. C.C. Middleton, associate professor of veterinary pathology, has good reason to be happy and proud. For the U. S. Public Health Service has just awarded the Sinclair Farm \$249,485 for the calendar year 1967. The project has received three-year approval with additional grants to be made in the next two years bringing the total to more than half a million dollars. The development at the 563-acre farm south of the Columbia campus is unlike any other in the world.

Separate decentralized units will house many species of domestic and other animals for their entire life span. The aging process of the animals and the chronic diseases they may incur will be studied by numerous investigators seeking more information on similar aging and debilitating illnesses in the human.

Current construction on the Sinclair Farm includes the main office and laboratory building,

expected to be completed in June. A housing unit for swine, already in operation, is called the "Bacon Bin." This is a two-story metal and concrete structure, circular in shape, which has more than 40 bins slanting toward the center. Like many of the buildings planned as permanent homes for the animals, this one is temperature controlled. Outdoor "roaming" facilities are planned for all of the species.

Numerous groups of laboratory animals are in residence at this research facility. Presently these animals include miniature swine, normal size swine, cattle, sheep, turkeys and a colony of about 40 rhesus monkeys will be added to the population early this summer. Perhaps the best known among the boarders at the Sinclair Farm are members of a swine herd which have hemophilia. Some of these "bleeder" pigs have already had one trip to the Mayo Clinic for a closer look by researchers who expect to make further studies of them at the Farm.

The Sinclair Farm under University-wide sponsorship and Dr. Middleton's direction, will be available to all researchers of the four campuses and to other interested investigators who have need of such aged animals in their research.

#### Career Day Schedule - April 6

9:30 - 10:00 Registration, Lobby Hospital & Clinic; Assemble in Clinic Aud.

10:00 Welcome: Dean Kingrey & Larry Coen, Pres. Student Chapter, A.V.M.A.  
Introduction of MVMA Officers.

Veterinary Medicine - A Career - Illustrated by Dr. T. M. Curtin with assistants.  
11:30 - 12:30 Lunch & Movies (Lunch in aud. by local catering service at \$1.75 per person).  
12:30 - 2:30 Tours of demonstrations & exhibits.  
2:30 - 3:00 Reassemble in aud. for brief talk by Dr. Shelton on admission procedures & requirements.  
Literature concerning School & profession will be distributed & refreshments provided.

#### Representation Good at Meetings

Dr. R. C. McClure, chairman of veterinary anatomy, attended the 45th annual meeting of the International Association for Dental Research March 16-19 in Washington, D. C.

Dr. A. H. Groth, dean emeritus, attended the annual meeting of the Animal and Animal Products Research Advisory Committee of the U. S. Department of Agriculture Feb. 27 - March 3 in Washington, D. C. Dean Groth is a member of the sub-committee on "Animal Diseases and Parasites."

Dr. K. L. Kraner, director of laboratory animal medicine, talked on "Intrauterine Fetal Surgery" at the annual Phi Zeta lecture March 2nd at Ohio State University, Columbus.

Dr. S. L. Nelson, associate professor of veterinary pathology, participated in short courses at the International Association of Pathologists March 12-15 in Washington, D. C. The short courses included: "Pathology, Physiology and Anatomy of the Central Nervous System," "Thyroid Diseases" and "Special Stains."

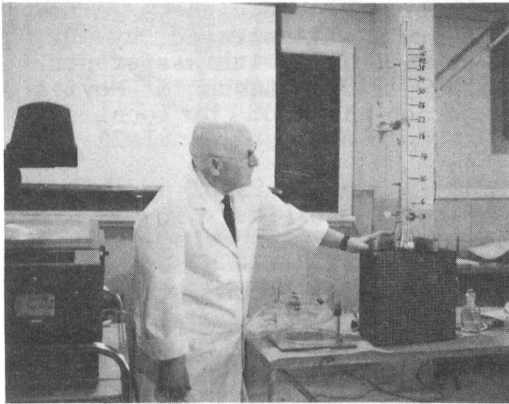
Dr. F. W. Clayton, assistant professor of veterinary microbiology and community health & medical practice, was on the planning committee for the Third Midwest Conference on the Thyroid Feb. 17 - 18 held here in Columbia.

Dr. T. M. Curtin, director of continuing education, attended the 16th annual Western Poultry Disease Conference March 19-23 in Davis, California.

Dr. W. O. Cowart, instructor in veterinary pathology, attended the management courses for U.S.D.A. Veterinarians March 5-11 in Des Moines, Iowa.

Mr. Gerald P. Kozlowski, research associate in veterinary anatomy, will present a paper entitled "Microscopic Anatomy of the Integument of Sheep" at the meeting of the American Association of Anatomists April 4-6 in Kansas City, Mo. Many other members of the Veterinary Anatomy Department here will also attend sessions of the meeting.

It is very important to the Dean's Office and the School to know of any meetings, conferences, short courses and such that you may be planning to attend away from Columbia. A system is established where each person turns in a "faculty absence" card to the chairman of his department. We urge that you turn these cards in as soon as you know of any impending trip of this nature.



Dr. Duker is setting up experiment to demonstrate the effects of atmospheric pressure on blood gasses.

### Guest Professors Spoke Here

Dr. H. H. Duker, professor emeritus of physiology at Cornell University and professor of physiology at Iowa State University, gave guest professor demonstrations the week of February 13th in the Veterinary Physiology & Pharmacology Department. He spoke at a meeting of the student chapter of A.V.M.A. on "Veterinary Education: A Changing Order."

Recently appointed to write a history of the American Assn. of Veterinary Physiologists and Pharmacologists, Dr. Duker examined the official records held by Dr. H. E. Dale, chairman of veterinary physiology & pharmacology and secretary-treasurer of the Association.

Dr. Duker is author of the textbook "Physiology of Domestic Animals" and numerous papers. He was recently a visiting professor at Tuskegee Institute and the University of Florida, and

in 1965 he gave the inaugural Sir Frederick Smith Memorial lecture at the Royal Veterinary College, University of London.

His research interests are in "physiology of the ruminant stomach" and "energy metabolism."

Dr. W. S. Tyler, associate professor and acting chairman of the anatomy department of the University of California School of Veterinary Medicine, conducted an environmental health seminar Feb. 23 at the Student Union here. He discussed "The Horse as a Model of Human Emphysema." Dr. Tyler is the author of numerous publications, abstracts and exhibits of national and international interest.

Dr. R. C. McClure, chairman of veterinary anatomy, invited Dr. Tyler here to speak and handled the details of Dr. Tyler's visit.

The Faculty News attempts to cover all of the news concerning you and the School, but important items may unintentionally be omitted or delayed in publication. All of your comments and suggestions will be welcomed -- especially information and possible news items. Send information concerning the Faculty News to Mrs. Pat Adams, 101 Connaway Hall or phone # 9-8083, Ext. 24.

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