

School of Veterinary Medicine FACULTY NEWS

October-November, 1967 - No. 6

Annual Conference Held

The 43rd annual 3-day Missouri Veterinarians' Conference was held Oct. 29-30 here. Dr. Ronald Wade of St. Joseph was elected president of the Missouri Veterinary Medicine Alumni Assn. at the banquet Oct. 29. About 150 veterinarians from Missouri and the Midwest attended the event.

At the 2nd day's session on Oct. 30, Dean B. W. Kingrey welcomed those attending and introduced Dr. Edgar Ebert, professor of veterinary medicine & surgery, who presided over a closed circuit TV demonstration of practical clinical tips from Missouri Alumni veterinarians. Those who gave practical tips were: Dr. Ted Higgins (MO'53) of Grandview; Dr. William Dierberg (MO'57) of St. Louis; Dr. Richard Henry (MO'58) of St. Louis; and Dr. Bill Ranney (MO'64) of Rolla. Dr. Richard Hoffer, associate professor of veterinary medicine & surgery, gave a surgical demonstration of the Holstadt-Mechanical Heart Assistor. Also giving a surgical demonstration of "Umbilical Hernia Repair on the Equine" was Dr. Mark P. Rines, professor & chairman of veterinary medicine & surgery.

The enactment of the recent Laboratory Animal Welfare Act



Laboratory Animal Welfare Panel
Drs. Waters, Flynn, Jones,
Clayton & Kraner.



Radiology session participants
from left: Drs. Corley, Severin,
Benjamin & Dean Kingrey.

was discussed by Dr. E.M. Jones, head of Laboratory Animal Staff, USDA-ARS-AHD, Washington, D.C.; Dr. H. A. Waters, assistant veterinarian in charge of Missouri USDA-ARS-AHD, Jefferson City; Dr. Robert Flynn, director of facilities at Argonne National Laboratories; Dr. Frederick W. Clayton, director of the U.S.P.H. Field Ecology Station here; and Dr. Keith L. Kraner, director of laboratory animal medicine here.

A discussion of clinical signs, clinical pathology and radiology applied to selected gastrointestinal conditions of small animals was presented by Dr. E. A. Corley, associate professor of veterinary physiology & pharmacology; Dr. Glen A. Severin, professor of medicine, and Dr. Maxine M. Benjamin, professor of clinical pathology, both of Colorado State University College of Veterinary Medicine.

The large animal session held Oct. 31 featured such speakers as Dr. Arlie C. Todd, professor of parasitology at the University of Wisconsin; Dr. Donald E. Vierling, president, and Dr. Remzi Gurcay, both of Atomic Base Chemicals Corp., Pennsylvania; and Dr. Forrest E. Brutsman, technical specialist of Merck & Company, Inc., St. Louis.



Dr. Wescott tells one of his amusing stories to Drs. Day & Brutsman.

Other participants in the large animal sessions were: Dr. David E. Bartlett, American Breeders Service, Inc., Madison, Wis., in a discussion of "Estrus Synchronization" and Dr. William R. McGee, equine veterinarian from Lexington, Ky., speaking on "Diseases Interrelations to Equine Management Practices."

The Conference was sponsored by the University of Missouri School of Veterinary Medicine and Extension Division in cooperation with the Missouri Veterinary Medicine Alumni Assn.

On Leave in South America

One of our faculty members is spending two years in Bogota, Colombia, South America. Dr. L. G. Tritschler, assistant professor of veterinary medicine & surgery, recently wrote a letter to Dean Kingrey about his impressions and experiences with the living and working conditions there. Excerpts from the letter are included for your interest.

"After four months in Bogota we are settled in a routine and no longer feel like tourists. Bogota is a very pretty city, especially at night from where we live up on the side of the mountain overlooking the city. It is a city of extremes in everything; from ultra modern buildings to hovels side by side and from people of wealth that is unimaginable to the other extreme.

"The Veterinary Clinic here does have a few small animal cases and occasionally a large animal case. Most of the stall space is taken up with hogs that are being raised by the faculty and students to make money. The Clinic is run on an 8 to 5 basis Monday through Friday except on

holidays.

"They do have some talented clinicians but they have nothing to work with -- the salaries are so low, in fact they sometimes go months before they get paid. The problems are so numerous and unchangeable at this time that we are about to reevaluate our aims and may drop the clinic from our plans and devote our time to establishing a good ambulatory clinic which is much needed here and has a good chance of success.

"I guess if the problems weren't many we wouldn't be here although I'm not always sure our present form of aid program is the answer to the problem. In spite of it all it is a great experience, I am seeing conditions that I never would have seen if I hadn't come down here. All we can do is the best thing we know how and little by little we may make a dent in the right direction. We are developing a warm relationship with the faculty which we feel is very necessary before many changes can be expected."

Stork Facts

Dr. & Mrs. Newell H. McArthur, instructor of veterinary anatomy have given a 6 lb. 7 oz. sister to their 2-year-old son Matthew. Valerie was born Oct. 24.

Dr. & Mrs. A. Roland Dommert, associate professor of veterinary microbiology, weren't holding that blue ticket when they gave birth to 8 lb. 14 oz. Bonnie Marie on Oct. 25. In fact they've had the pink one twice before with 3 1/2-yr.-old Alice and 2 1/2-yr.-old Nancy. Birthdays are consolidated in the Dommert family as Mrs. Dommert has the same birth date as Bonnie and Dr. Dommert shares honors with Nancy on the same day in April.

The veterinary anatomy faculty is ahead with new additions and Dr. & Mrs. A. A. Zakaria, research associate, just tallied in their 7 lb. 1 oz. girl on Nov. 1. Tammy Lou is the first for the Zakarias.

Growing Faculty

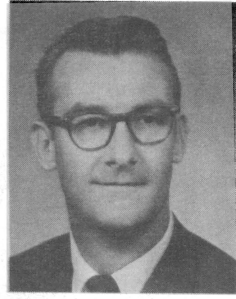


Dr. Robert L. Doak has been appointed on a consultant basis as research associate in veterinary physiology & pharmacology. Dr. Doak was awarded his D.V.M. degree from the University of Missouri and his M.S. degree from Washington State University. The Doaks have 2 children.



Dr. Santiago B. Plurad is a new research associate in veterinary microbiology. He has a B.S. degree from the University of Philippines, an M.S. degree from Iowa State University & a Ph.D. degree from the University of Missouri. From 1954-56 he was on the faculty of the University of Philippines and from 1956-59 he was at the Mindanao Agricultural College in Bukidnon. He joined the Iowa State University faculty as a medical illustrator in 1960 and he came to the University of Missouri in 1962. Dr. and Mrs. Plurad have 5 children aged 10, 8, 7, 4 and 1 years.

Dr. Robert L. Taylor joins veterinary microbiology as an associate professor and also as an associate professor in microbiology. His degrees include an M.B. from Nebraska Wesleyan University, an M.A. from the University of Nebraska and a Ph.D. from



Duke University. Dr. Taylor was Chief, Department of Bacteriology at Fitzsimons Army Hospital from 1956-58 in Denver; Chief, Medical Mycology Section from 1961-65 at Walter Reed Army Institute of Research in Washington; and Chief, Medical Mycology Section from 1965-66 and Chief, Department of Bacteriology & Mycology from 1966-67 at SEATO Medical Research Laboratory in Bangkok, Thailand.

Gifts and Grants

A one-year grant for \$18,388 was awarded to Dr. James Breazile, associate professor of veterinary anatomy, for his research in "Cerebral Control" by the U.S. Public Health Service.

Dr. Charles E. Short, research associate in veterinary medicine & surgery, received 3 electroanesthesia units and accessories from the Hewlett Packard Co., Inc. The gift, estimated at \$2,519.26, will be used for further research in basic & applied concepts of electroanesthesia.

Papers Published

Dr. Harry H. Berrier, associate professor of veterinary pathology, is the author of a recently published book entitled *Diagnostic Aids in the Practice of Veterinary Medicine* in its 3rd edition. Hailed as the only one of its kind by its publisher Alban Professional Books, Dr. Berrier's book contains indications for laboratory diagnostic procedures and interpretation of results and its application as an aid to diagnosis.



Col. Rule Dies

Col. William R. Rule, associate professor of veterinary pathology & associate professor of forensic medicine, died Oct. 1 at the University Medical Center after several months illness.

Col. Rule received his L.L.B. degree from George Washington University Law School, Washington, D. C. in 1933. He was in private practice in Hampton, Iowa from 1933-41. He was admitted to practice in the U. S. Court of Military Appeals in 1955 and to the U. S. Supreme Court in 1959.

From 1956-57 he was a Special Consultant in Forensic Pathology to the Surgeon General, U.S.A.F. and from 1958-66 he was a Military Consultant in Forensic Medicine to the Surgeon General. Before coming to the University of Missouri in 1966 he was Chief of Forensic Medicine & Space Law Division of Aerospace Medical Division at Brooks, AFB, Tex.

A memorial has been established in his memory and contributions may be sent to the Cancer Research Center, Columbia, Mo.

Speaking Circuit

Dr. A. A. Case, professor of veterinary medicine & surgery, will present a paper on "Parasitology and Pathology on Toxicology" at four continuing education meetings Nov. 27 - Dec. 1. He will talk in Aurora, Carthage, Willow Springs and Springfield.

Dr. Harlan E. Jensen, research associate in veterinary medicine & surgery, talked on "Diseases of the Eye" at the Eastern Nebraska Veterinary meeting Nov. 8-9 in Omaha, Neb.

Dr. Charles E. Martin, assistant professor of veterinary medicine & surgery, presented a seminar on "Mastitis-Metritis-Agalactia Syndrome in Sows" Nov. 15-17 at the University of Wisconsin, Madison. Dr. Martin also presented a similar paper Nov. 8-11 at the National Park Industry Conference in Lincoln, Neb.

Dr. T. M. Curtin, director of veterinary continuing education, and Dr. B. L. Moseley, assistant professor of veterinary pathology, spoke on "Diseases and Sanitation Common to Beef Breeding Herds" Nov. 7-8 in Carthage and Willow Springs, Mo.

Dr. James T. McGinity, associate professor of veterinary medicine & surgery, presented a paper on "Bovine Lameness and Bovine Respiratory Problems" at the Mississippi Valley Veterinary Assn. meeting Nov. 1-2 in Peoria, Ill.

Dr. Myron E. Tumbleson, assistant professor of veterinary physiology & pharmacology, spoke on "The Study of Aging in Animals Using Automated Clinical Chemistry" at the Technicon Symposium Oct. 2-4 in New York.

Dr. Donald W. Johnson, professor of veterinary medicine & surgery, spoke on "The Shipping Fever Complex" at the Southwest Iowa Regional Veterinary meeting Oct. 2-3 in Council Bluffs, Iowa. Dr. Richard E. Hoffer, associate professor of veterinary medicine & surgery, also presented talks on "Extirpation of Femoral Head and Neck" at this meeting.

Dr. E. A. Corley, associate professor of veterinary physiology & pharmacology, spoke on "Canine Hip and Elbow Dysplasia" Oct. 6 in St. Louis.

Dr. E. L. McCune, assistant professor of veterinary microbiology, talked on "What is Fowl Cholera Cost You?" at the Poultry Industry Conference Oct. 4 in Springfield, Mo.

Dr. L. G. Morehouse, professor & chairman of veterinary pathology, and Dr. W. O. Cowart, former instructor of veterinary pathology, presented a paper on "The Role of the Hog Cholera Virus in Production of Embryonic and Fetal Abnormalities, Death and Abortion in Swine" at a symposium on Factors Producing Embryonic and Fetal Abnormalities, Death and Abortion in Swine Sept. 29-Oct. 1 in Chicago, Ill.

Meetings Attended

Dr. Thomas M. Eagle, associate professor, and Dr. John D. Rhoades, assistant professor, both of veterinary medicine & surgery, attended the Midwest Small Animal Assn. meeting Nov. 14-17 in Burlington, Iowa. Dr. Eagle also attended the AVMA Executive Board meeting Nov. 1-5 in Chicago, Ill.

Dr. A. A. Case, professor of veterinary medicine & surgery, represented veterinary continuing education at the Northern Regional Pesticide Conference Nov. 14-17 in Des Moines, Iowa.

Dr. Harlan E. Jensen, research associate in veterinary medicine & surgery, attended the Academy of Ophthalmology meeting Oct. 28-30 in Chicago, Ill.

Dr. Lawrence G. Morehouse, professor & chairman of veterinary pathology, served as a member of the U.S. Livestock Sanitary Assn. committee on the diagnosis of tuberculosis Oct. 16-21 in Phoenix, Ariz. Dr. Morehouse also attended the National Conference of Veterinary Laboratory Diagnosticians.

Dr. A. W. Dobson, assistant professor of veterinary medicine & surgery, attended a symposium on factors producing embryonic and fetal abnormalities, death & abortion in swine Oct. 2-5 in Chicago, Ill.

Dr. Leslie C. Murphy, director of research development, attended the Animal Resources Advisory Committee Oct. 23-27 in Bethesda, Md. He also visited the Medical Center and the area

of laboratory animal medicine at the University of Arkansas Oct. 16-17 in Little Rock.

Dr. Donald C. Blenden, associate professor of veterinary microbiology, attended an American Public Health Assn. subcommittee meeting on "Health Service in Disaster" and a meeting of the Teachers of Preventive Medicine Assn. Oct. 22-26 in Miami, Fla.

Dr. Clarence J. Bierschwal, professor of veterinary medicine & surgery, attended the board meeting of the American Veterinary Society for Study of Breeding Soundness Oct. 15-18 in Ft. Collins, Colo.

Dr. Terrence M. Curtin, director of veterinary continuing education, and Dr. Arthur A. Case, professor of veterinary medicine & surgery, attended the 71st annual meeting of the Livestock Sanitary Assn. meeting Oct. 15-20 in Phoenix, Ariz.

Dr. Lester Reschley, instructor in veterinary physiology & pharmacology, will attend a Rumen Function Conference Nov. 27-29 in Chicago, Ill.

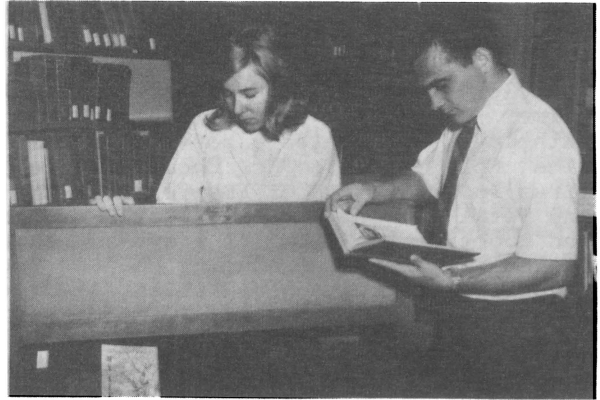
Dr. Frederick W. Clayton, director of the U.S.P.H. Field & Ecology Station, and Dr. T. M. Curtin, attended the 3rd Rochester Conference on Self-Instruction in Medical Education Sept. 14-16 in Rochester, N. Y.

Dean B. W. Kingrey Appointed to New National Committee

Dean B. W. Kingrey was recently appointed a member of the new Construction of Schools of Veterinary Medicine Review Committee in the Bureau of Health Manpower by the U. S. Department of Health, Education & Welfare.

This Committee is responsible for the preliminary review of construction grant applications from schools of veterinary medicine and providing the National Advisory Council on Education for Health Professions with advice and recommendations regarding these applications.

The Witter Display in the School of Veterinary Medicine library was made possible through donations by Mr. Dean Witter, San Francisco. Mr. Witter, of Dean Witter & Co., has contributed a number of well-written diaries of big game hunts, safaries and fishing expeditions.



Breeding Soundness Group Met in Columbia

The American Veterinary Society for Study of Breeding Soundness ended their 14th annual meeting Nov. 2 with an election of two new board members. Those newly elected to the 7-member board for a 3-year term were: Dr. Lloyd Faulkner, Colorado State University, and Dr. Lester Larson, American Breeders Service, Madison, Wisc.

Other board members include Dr. Clarence J. Bierschwal, professor of veterinary medicine & surgery here; Dr. Louis Newman, general practitioner from Glasgow, Mont.; Dr. Ray Irvie, general practitioner from Follett, Tex.; Dr. John Herrick, Iowa State University; and Dr. Donald Walker, Auburn University. An ex-officio member of the Board is Dr. James Scott, Colorado State University, who is executive secretary-treasurer.

Dean B. W. Kingrey welcomed the audience of about 100 and introduced Dr. Bierschwal who showed films on "Examination of Bull for Breeding Soundness," "Concentration and Motility of Semen," and "Live-Dead Determination and Sperm Morphology."

Dr. William M. Adams, Iowa State University, gave a talk on "Electro-Ejaculation and Evaluation of Boar Semen" and Dr. B.N. Day, associate professor of animal husbandry here, talked on "Artificial Insemination of Swine and Estrus Synchronization." Two papers were presented by Dr. Barton L. Gledhill, University of Pennsylvania, on

"Swedish Methods for the Evaluation of Breeding Soundness in Bulls" and "Biochemically Immature Spermatozoa & Infertility in the Bull."

Dr. William R. McGee, equine practitioner from Lexington, Ky. also brought the problem of the equine into focus with two informative talks. He spoke of "Infertility in the Mare and Broodmare Management" and "Examination of Stallions for Breeding Soundness." Dr. John F. Lasley, professor of animal husbandry here, spoke on "Inheritance & Bovine Reproduction" and Dr. D. L. Carnahan, Kansas State University, concluded with "Infertility Problems of Beef Cattle."

Other speakers included: Dr. James A. Scott on "Physical Examination of the Bull," and "Vibriosis and Field Use of Vaccines;" Dr. L. L. Larson, American Breeders, Inc., on "Examination of the Bull for Artificial Insemination; Characteristics of Frozen Semen;" Dr. D.E. Bartlett, American Breeders, Inc., on "Trichomoniasis and its Importance Today" and "Management of Beef Estrus Synchronization;" Dr. E. C. Mather, instructor in veterinary medicine & surgery here, on "Sperm Capacitation & Physiology;" Dr. R. L. Clark, Iowa State University, on "Infertility in the Mare - the Individual;" and Dr. Don Walker, Auburn University on "Trauma of the Bovine Penis."

Cabinet Meeting Minutes

October 13, 1967 - Members present: Dean Kingrey, Drs. Curtin, Dale, McClure, Morehouse, Murphy, Rines & Shelton.

1. *Search Committee for Chairman, Department of Veterinary Pathology* - The following members have been appointed for this committee: Drs. Loan, Morehouse, Murphy & Schmidt.
2. *FDA Facility* - Preliminary plans were discussed to interest the Bureau of Veterinary Medicine, FDA to consider the University of Missouri as a potential site for a proposed facility.
3. *Trailer Diagnostic Laboratory* - A request has been submitted to Physical Plant requesting sketches, advertisements, etc. for the Diagnostic Laboratory.
4. *Remodeling Physiological Sciences Building* - Plans were presented for renovating & remodeling Rooms 23 & 26 in the Physiological Sciences Building.
5. *Area East of Clinic* - Physical Plant estimated a cost of \$25,000 for leveling & grading the area east of the Clinic providing rock was not a problem. Minor grading, removal of dead trees & undergrowth, seeding, etc. was estimated at \$4,500.
6. *Laboratory Animal Facilities* - A memo from Dr. Schwada requested the appointment of a representative from the School to work with Drs. Kraner & Murphy to develop facility plans for laboratory animals in compliance with the Animal Welfare Act. The needs of various divisions of the campus for these facilities were discussed.
7. *Building Program* - The Cabinet generally thought that serious consideration be given to planning & requesting the complex of buildings required for obtaining School facilities over the next several years.
8. *Speakers from & Visits to Commercial Firms* - The Clinic staff agreed that one approved class visit could be made to commercial firms. Speakers from commercial firms who wish to present information to a class should do this during other than normal class hours.

October 6, 1967 - Members present: Dean Kingrey, Drs. Curtin, Dale, McClure, Morehouse, Murphy, Shelton & Rines-

1. *Facilities Construction Program* - Progress made in planning for new facilities such as the Physiological Sciences Building & the Diagnostic Laboratory were reviewed. An architect is presently assisting in planning the facilities needed. Preliminary plans submitted by the architect were reviewed for both facilities.
2. *Budget* - It was indicated that budget meetings will soon be held with Dean Schooling & other University administrative personnel. It is still possible to obtain personnel if requirements are appropriately documented. The Cabinet's opinion was asked for as to the expenditures of funds for the renovation of the present Physiological Sciences Building. The majority of the Cabinet agreed it would not be unwise to spend appreciable amounts of funds for this purpose & that it was not in conflict with the best interests of the School.
3. *University Day* - University Day was announced & the cooperation of Departmental Chairmen in providing appropriate displays for the students on tour was requested.
4. *Student Trips to Biological Firms* - The Cabinet's opinion was asked on student trips to biological firms during class sessions. The consensus was that trips often were not sufficiently productive to replace class sessions. The final decision was left up to the Clinic faculty.

(cont'd on page 8)

October 27, 1967 - Members present: Dean Kingrey, Drs. Dale, Curtin, Rines, Schmidt (for Morehouse) & Shelton.

1. *Air Conditioning* - A brief informal review of our air conditioning needs centered on the best approach to financing.
2. *Report on Dean Kingrey's Washington Trip* - The question arose as to whether or not we should request federal matching dollars on the basis of library space as was being attempted by Auburn. The availability of federal funds is still uncertain. The locating of a federal building on the M. U. campus was discussed with James Goddard, M.D. & C. Donald Van Houweling, D.V.M. Dr. Goddard's budget officer was not in favor of the lease-purchase plan. There is no prospect of money for at least two years. They do want to locate near a campus with both a veterinary school & a medical school.
3. *New Veterinary Medical Facilities* - The current status of the new facilities was discussed. Currently the plans are showing an H-shaped building. It had been our declared intent to re-submit to NIH for the November 1 deadline & can still re-submit prior to February 1, so that there would not be the usual delay making plans & seeking NIH funds after legislative approval.
4. *New Research Farm Buildings* - The bids for the metal buildings at the research farms were received with the lowest at \$105,000. Since the estimate was only \$57,000, it was necessary to ask for additional support from the administration &, although still under consideration, there is still optimism for some or all of the structures.

November 3, 1967 - Members present: Dean Kingrey, Drs. McClure, Morehouse, Rines, Murphy, Shelton & Larks (for Dale).

1. *Administrative Structure of the Graduate Dean's Office* - There are now three associate deans in the graduate office with specific responsibility to the faculty. Deans George & Murdock will be at the School of Veterinary Medicine on Tuesday, Nov. 7.
2. *Suggested Tours of Faculty at Sinclair Farm & Research Farm* - The possibility of holding a faculty meeting to tour these two areas was discussed. The consensus was that this would be a good idea, but that it should be delayed until the building has been completed at the Research Farm & until Dr. Middleton has had more opportunity to organize his activities at the Sinclair Farm.
3. *Budget* - It was reported that we are now actually working with three budgets as follows: a) The current budget that is now being spent; b) the budget that is now going to the legislature; & c) the preparation for the budget for next year. The administration hopes to move the overall budgetary matters more rapidly even though we may have to start at a point where there is some speculation on the available dollars. Considerable attention has been & is being focused on the matter of salary adjustments.
4. *Faculty Positions* - Allocation of salaries is available for new faculty next year.
5. *Faculty Promotion & Tenure* - The matter of faculty promotion & tenure was discussed with primary emphasis on whether our current methods of handling these matters are the best. The consensus was that the procedures for the establishment of tenure were not of utmost concern to most of the faculty but that the criteria that are established for promotion in rank are of more concern. Although it is felt there is no serious objection to the mechanism by which these rank promotions are handled, it was felt that the criteria within departments for promotion in rank may be worthy of more clarification.

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