

School of Veterinary Medicine FACULTY NEWS

January, 1968 - No. 7

STATE MEETING TO BE HELD END OF JANUARY

Many faculty members will be driving the short distance from Columbia to Osage Beach, Mo. for the 76th annual meeting of the Missouri Veterinary Medical Assn. Jan. 28-30.

The Executive Board of the MVMA will meet from 1-3 p.m. on Sunday, Jan. 28. A livestock auction market will be held from 3-5 p.m. Sunday and late afternoon and evening is set aside for the bowling tournaments.

The scientific program on Monday will feature a discussion session on "Salmonellosis and its Relation to Practicing Veterinarians." The participants in this session are Dr. Fred J. Kingma, Deputy Director, Bureau of Veterinary Medicine, Food & Drug Administration; Dr. John W. Walker, Senior Staff Veterinarian, Poultry Diseases, Animal Health Division, ARS-USDA; Dr. Fred D. Bisplinghoff, Division Manager, Faber Industries, Division of National By-Products, Peoria, Ill.; Dr. Edwin O. Wicks, Commissioner of Health for Kansas City, Mo.; and the moderator, Dr. Fred W. Clayton, Deputy Director, Ecology Field & Training Station, U.S.P.H.S., Columbia.

Other talks on Monday's program include "Humane Care of Hollywood Animals" by Dr. Charles H. Reid, practitioner from Hollywood, Calif.; "Bovine Respiratory Diseases" by Dr. Richard F. Bristol, associate professor of veterinary clinical sciences at Iowa State University; "School of Veterinary Medicine Today and Tomorrow" by Dean B. W. Kingrey;

and "Missouri Animal Health Programs" by Dr. George C. Stiles, State Veterinarian of the Missouri Department of Agriculture, and Dr. L.F. Van Gorder, Veterinarian in Charge of Animal Health Division of the U.S.D.A. in Jefferson City.

A business meeting of the MVMA will be held Monday morning and there will be a men's luncheon held for the Missouri chapter of the Society for the Study of Breeding Soundness. The Awards Banquet and dance will be that evening. Tuesday morning's program will feature talks on "Equine" by Dr. Reid, "Bovine" by Dr. Bristol and "Small Animal Practice" by Dr. Myron Bernstein, small animal practitioner from Glencoe, Ill.

The Women's Auxiliary of the MVMA also has a busy schedule of events planned for the ladies Sunday through Tuesday.

ENVIRONMENTAL HEALTH SEMINAR

Dr. Fred J. Kingma, Deputy Director of the Bureau of Veterinary Medicine in the Food & Drug Administration, gave a seminar entitled "Impact of Drugs on Our Environment" at 4p.m. Jan. 25 in the Memorial Student Union.

Dr. Kingma received his D.V.M. degree from Ohio State University in 1938 and has about 30 years of experience in education, industry and government. He is also a special consultant to the American Veterinary Medical Assn. Council on Biologics and Therapeutic Agents.

CHRISTMAS DANCE LIVELY

The cold weather and flu didn't freeze out attendance at the annual student AVMA Christmas dance held Dec. 16. Bodies were warmed by the bottled spirits and frantic dancing within the U. S. Armory.

Dressed in every style from minis to long formals the females sparkled as much as the Christmas tree. With so many young new faculty members it was hard to distinguish the teachers from the students. Especially since the faculty keeps up-to-date on all the new dance steps.

The highlight of the evening was the traditional junior class skits. After the mad scramble for front-row seats the master of ceremonies, Bill Spangler, introduced the "tongue-in-cheek" antics. The hypothetical ax fell on some of the long-standing faculty members such as Drs. Bernier, Bierschwal, English, Kintner, McGinity, McClure, McCune, Niemeyer and Olson who are get-

ting adjusted to the sharpness of the ax.

With so much activity in radiology and surgery, Drs. Corley and Hoffer did not escape the juniors' mischievous eyes. And of course because of new rules and regulations in the Clinic, Dr. Rines got quite a ribbing in the skits. Some of the new faculty members such as Drs. Breazile, Martin, Schmidt and Short have left their impressions on the students as evidenced by the portrayals. Those who weren't portrayed received awards or cheerful comments from the Santa Claus dressed all in white this year.

Some of the heartiest laughter came from the faculty members in the audience as they saw themselves characterized on stage. After the skits everyone scurried back to their tables to refuel for the dance floor. Already this year's sophomore class is thinking up skits for next year



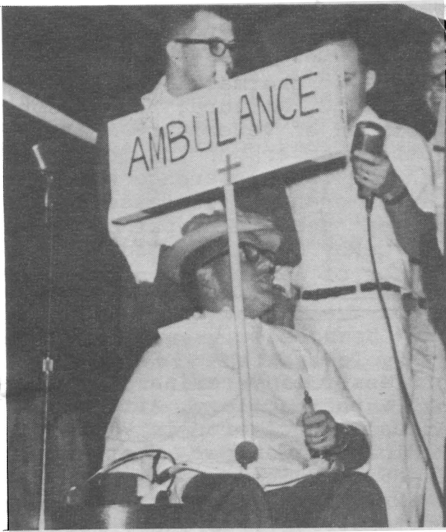
Dr. Corley heads a table of faculty members and their wives which include (left to right) Mrs. Niemeyer, Dr. Corley, Dr. Ebert, Mrs. Ebert and Mrs. Eagle.

The Anatomy Department was represented in the skits with a consultation between Drs. McClure (left) and Dr. Breazile.





A patient gets a thorough examination by (left to right) the Pet Doctor, Dr. Niemeyer, Hyper Hoffer, Malcolm X-Ray & M. P. Rines.



The Ambulance detail rolled in equipped with a sterilized bucket.



Dr. Johnson (back to camera) and Mrs. Ticer show the students the latest dance steps.

Stork Corner

Girls seem to dominate the Selby household with the Nov. 14 birth of Elizabeth Ann, 7 lbs. 3 oz. Dr. Lloyd A. Selby, assistant professor of veterinary microbiology and assistant professor of community health & medical practice, has a trio of daughters now including 2-1/2 - yr.-old Mary Fran and 1-1/2-yr.-old Katy.

Santa Claus brought the Larry Ackermans their Christmas present on the eve of Dec. 23rd wrapped in a blue blanket. Andrew Joseph weighed in at 6 lbs. 10 oz. and measured 20". His 3-1/2-yr.-old brother, David Allen, seemed pleased with Santa's choice of playmate. Dr. Ackerman is a research associate in veterinary pathology.

The School started the New Year off right with the birth of Columbia's first 1968 baby. The proud father Dale L. Elkins, laboratory technician in veterinary microbiology, seemed a wee bit disappointed at losing a 1967 tax deduction, but his son Dale Jr. had the rare distinction of ringing in 1968 with all sorts of prizes from the local merchants. Seven-pound, one-ounce Dale, Jr. was born at 4:33 a.m. Jan. 1, 1968.

CONFERENCE OF RESEARCH WORKERS

The School was well represented at the 48th annual meeting of the Conference of Research Workers Nov. 27-28 in Chicago. In the microbiology and immunology section, Dr. Bruce D. Rosenquist, research associate in veterinary microbiology, presented a paper on "Induction of Interferon in Calves." Dr. Raymond W. Loan, associate professor of veterinary microbiology, was second author on the paper.

Dr. Jerjang Chang, research assistant in veterinary microbiology, was first author on "Anthelmintic Activity of S.K.F. 29044 in Swine" presented at the parasitology section. Dr. Richard B. Wescott, associate professor of veterinary microbiology was also an author on the paper.

Dr. James E. Breazile, associ-

ate professor of veterinary anatomy, presided at the physiology and pharmacology section and also presented a paper on "Studies of a Descending Motor Tract of the Ventrolateral Brain Stem in the Horse and Dog." Another paper presented at this section was "Electromyography of the Caprine Pharyngeal Muscles During Eructation" by Dr. Robert W. Carithers, instructor in veterinary anatomy, Dr. E. E. Elefson, instructor in veterinary physiology & pharmacology, and Dr. Robert C. McClure, professor & chairman of veterinary anatomy.

Other members of the School attending the conference were: Dr. Larry Morehouse, professor & chairman of veterinary pathology and Dr. LeRoy Olson, associate professor of veterinary pathology.

Meetings

Dr. Donald C. Blenden, associate professor of veterinary microbiology and associate professor of community health & medical practice, investigated research programs at the Manned Spacecraft Center in Houston and visited rabies installations near El Paso, Tex. Jan. 8-12. Dr. Blenden also attended the National Conference on the Community and Emergency Medical Services Jan. 16-19 in San Francisco, Calif. The Conference is sponsored by the American Medical Assn. Committee on Emergency Medical Services.

Dr. C. J. Bierschwal and Dr. Donald W. Johnson, professors of veterinary medicine & surgery, attended the Stud Managers Course Nov. 19-22 in Lexington, Ky. Dr. Bierschwal also attended the AVMA Continuing Education Committee meeting Nov. 29-30 in Chicago.

Dr. E. A. Corley, associate professor of veterinary physiology & pharmacology, attended the Board of Directors meeting of the Orthopedic Foundation for Animals Dec. 5 in St. Louis.

Dr. James W. Ticer, associate

professor of veterinary physiology & pharmacology, attended the Annual Educators in Veterinary Radiology Seminar meeting Nov. 24-26 in Chicago.

Dr. Thomas M. Eagle, associate professor of veterinary medicine & surgery, will attend the meetings of the Kansas VMA Jan. 26-31 in Wichita and the Oklahoma VMA Feb. 3-6 in Oklahoma City. He will be involved in current AVMA affairs of the Executive Board at both meetings.

Four members of the Department of Veterinary Pathology attended the annual seminar of the American College of Veterinary Pathologists Nov. 24-26 in Chicago. Those attending were Drs. Loren D. Kintner, professor; Stuart Nelson, associate professor; Donald A. Schmidt, professor; and Albert C. Strafass, associate professor.

Dr. LeRoy Olson, associate professor of veterinary pathology, attended the NC-65 Poultry Respiratory Disease Conference and Seminar on Swine Abscesses Nov. 24-26 in Chicago. Dr. Olson also attended the annual meeting of the National Turkey Federa-

(meetings cont'd)

tion Jan. 10 in St. Louis and a course entitled "Application of Histochemistry to Pathology" Jan. 15-19 at the Armed Forces Institutes of Pathology in Washington, D. C.

Talks

Dr. Thomas M. Eagle, associate professor of veterinary medicine & surgery, was the program speaker at the Central VMA meeting Dec. 12-13 in Springfield, Ill. His talk was on "Small Animals, A Supplement to Large Animal Practice." He also presented a paper on "Practice Fee Survey" at two different meetings. The first was Jan. 11 at the Northeast VMA meeting in Paris, Mo. and the second was Jan. 18 at the Kansas City VMA meeting.

Dr. Charles E. Short, assistant professor of veterinary medicine & surgery, lectured on "Comparative Anesthesiology" Jan. 24-26 at the Vanderbilt University College of Medicine in Nashville, Tenn.

Dr. Bonnard Moseley, assistant professor of veterinary pathology and extension specialist, lectured to beef cattle producers on "Parasite Control" at Aurora, Carthage and Willow Springs from Nov. 27 - Dec. 1 and participated in a program at the Southwest M V M A meeting in Springfield, Mo.

Dr. Stuart L. Nelson, associate professor of veterinary pathology, talked to farmers and veterinarians concerning cattle disease Nov. 21-23 in Carthage and Willow Springs, Mo.

Dr. Arthur A. Case, professor of veterinary medicine & surgery, was involved in several meetings during January. In Las Vegas, Nevada he spoke on "Parasite Control in Beef Cattle" Jan. 21-23, and on "Toxicological Diagnosis Problems" Jan. 24. He attended the workshops of the Inter-Mountain Veterinary Conference Jan. 25-26 in Las Vegas. Then from Jan. 31 - Feb. 2 he will present veterinary medical extension education lectures in

(talks cont'd)

Carthage and Mt. Vernon, Mo.

Dr. E. A. Corley, associate professor of veterinary physiology & pharmacology, gave a paper on "Current Status of Canine Hip Dysplasia" and attended meetings of the EVRS and ABVR Nov. 24-26 in Chicago.

Dr. M.E. Tumbleson, assistant professor of veterinary physiology & pharmacology, presented two papers on "Serum Protein Concentrations in Lambs" and "Serum Iron Concentrations and Iron Binding Capacities in Lambs" at the Midwestern Section of the American Society of Animal Scientists Nov. 23-26 in Chicago.

Dr. Charles E. Martin, assistant professor of veterinary medicine & surgery, presented a paper regarding MMA Syndrome in Sows to members of the East Central MVMA Dec. 2 in Linn, Mo. He also spoke on "MMA, Mycoplasmosis and Fetal Death in Swine" Jan. 15 in Cameron, Mo.

Dr. Donald C. Blenden, associate professor of veterinary microbiology, presented a paper on "Some New Characteristics of Leptospire" at the Research Conference Nov. 28-Dec. 1 in Chicago.

Dr. C. J. Bierschwal, professor of veterinary medicine & surgery, is directing a short course on "Examination of the Bull for Breeding Soundness and Infertility of the Bull" Jan. 19-Feb. 8 in Bogota, Colombia, South America.

Mrs. Golda G. Larks, research assistant in veterinary physiology & pharmacology, spoke on "Studies of Fetal Physiology and Birth Processes" at a meeting of the Deborah Circle Jan. 15 in the Veterinary Medical Sciences Building. Mrs. Larks had several pieces of equipment set up to demonstrate her talk.

Dr. Edgar F. Ebert, professor of veterinary medicine & surgery, will present three illustrated talks on "Equine Surgery" Feb. 4-7 at the Oklahoma VMA meeting in Oklahoma City.

Papers Published

Dr. W. A. Wolff, W. V. Lumb and M. K. Ramsay. *Effects of Halothane and Chloroform Anesthesia on the Equine Liver*. Am. J. Vet. Res., Vol. 28, No. 126, pp. 1363-72, September, 1967 and *Comparison of Halothane and Chloroform Anesthesia in Horses*. Am. J. Vet. Res., Vol.

29, No. 1, pp. 125-32, January, 1968.

Dr. F. W. Oehme and E. H. Coles. Illustrated by Dr. P. D. Garrett. *Field Use and Evaluation of a Vaccine for Bovine Staphylococcal Mastitis*. J. of Dairy Science, Vol. 50, pp. 1792-97, November, 1967.

CABINET MEETING MINUTES

November 10, 1967 - Members present: Dean Kingrey, Drs. Morehouse, Murphy, Dale, McClure, Curtin, Rines & Shelton

The purpose of the meeting was to discuss facility plans for both our immediate & long-range purposes. The approaching February deadline for the submission of our physiological sciences building proposal to NIH made it mandatory that a decision be made very soon concerning this building & its relation to the overall complex in our long-range plans.

Dean Kingrey reviewed the long-range planning that had taken place over the past 3 years. He indicated that 2 committees had designed various plans for effective building development & although these may not have been entirely successful, & may not have revealed the thinking of our faculty in its entirety, the consensus had been reached that a new complex would be sought on the south side of Rollins. The physiological sciences building evolved as the number 1 unit for consideration.

We have now arrived at the point where a decision has to be made whether we press hard for Unit 1, the physiological sciences building, with the possibility of endangering an early approval for the building of our entire complex, or to withdraw the physiological sciences building proposal & replace it with the larger building complex as our immediate need with the hope that the entire complex could then become a reality much sooner.

Dean Kingrey expressed the desire to make sure we reflected faculty opinion & that if it were the general feeling that Unit I be withdrawn in favor of the complex this approach should be strongly considered. A poll of the Cabinet members present indicated a strong desire to press hard for the complex, but the consensus prevailed that it would be unwise to remove Unit I at this point & replace it with requests for the entire complex. As the discussion evolved, it became apparent there is no way of being absolutely certain one makes the right choice. Various opinions were expressed as follows:

1. Perhaps the asking for Unit I would not actually endanger the plans for our entire complex.
2. Perhaps there will be a point in time in the very near future when we more clearly know whether or not the push for Unit I would greatly delay the development of the complex.
3. There seems little question that asking for the entire complex at this point would hasten its development, but if we jeopardize Step I which seems close to fruition by so doing we should probably reconsider.
4. It appears difficult to get any type of reading from the administration as to how much they will be persuaded to the development of the complex by the hope of federal matching dollars to Schools of Veterinary Medicine.
5. The feeling was expressed that we must make our choice now as to

where our emphasis will be. If it's on the total complex, then we should remove Phase I from the immediate building plan. If it's on Phase I then we should reiterate our stand in this regard and take our chances on the total complex.

6. We should definitely stick to what we have because of the danger of giving the impression we may not know what we really do want. This seems especially true after we have placed so much time & effort into the development of Phase I.
7. Dr. Dale reported that the staff of the physiological sciences area were very strong in support of proceeding with Phase I of the program as rapidly as possible. Although the staff members of other departments indicated a desire to go for the total complex, the consensus of the department chairmen was that their respective staffs would not feel adverse to an administrative decision to move ahead with Phase I if this seemed the wisest decision under any current set of circumstances. The thought was expressed that it is difficult for a faculty to completely stay abreast of all developments concerning the building program, federal funding, likelihood of state appropriations, & perhaps most importantly to have first-hand knowledge of the manner in which the administration is reacting to our situation.

Taking the above factors into consideration, it was the consensus of the Cabinet that we keep the physiological sciences building in its current state of priority for overall campus buildings & that we press for its construction at the earliest possible date. At the same time, our urgent needs for the overall complex will be kept before the administration. A portion of our emphasis for the complex will be presented through the Chancellor to the Council on Higher Education of the State of Missouri in the report on the Health Professions that is due to Chancellor Schwada by mid-January. Initially these long-range plans will be broad & general but will later be presented in more detail as local campus problems.

The feeling was expressed that we may need to up the cost of the physiological sciences building from \$1,080,000 to \$1,500,000 to account for higher cost of construction since the building was first planned. Some time was given to a discussion of where we stand insofar as the federal aid program to Schools of Veterinary Medicine is concerned. It was stressed again that we may have a strong card to press for our complex if it can be shown for example that \$3,000,000 of state funds might bring as much as 7 to \$8,000,000 in federal funds rather than just 1 to \$1-1/2,000,000 as a matching program for the \$3,000,000-physiological sciences building alone. This should be a strong factor in our dealings with our state legislature. On the other hand, from the NIH side of the picture, we would probably stand higher in our priority in asking for the physiological sciences unit than we would if we were asking for the total complex.

The diagnostic laboratory structure was discussed. It was reviewed that this building has the number 2 priority for the 10-year building plan in the School of Veterinary Medicine. Areas of additional support that will be either forthcoming or that will be sought include commercial contracts in the Department of Veterinary Pathology, Laboratory Animal Diagnostic Program from NIH, University contribution, industry contribution (turkey & swine) & support from the vice-president for research. If these sources of funds can be developed to the fullest extent over the next 2 years, it may be possible to building a 400 to \$500,000-diagnostic laboratory without state appropriations in the near future. Dean Kingrey pointed out that we are at the point of needing another brochure on the permanent diagnostic laboratory facility & how it will fit into our overall building plan. We are probably at the point where we could get the architect to work on this & all people involved in the relationship of the diagnostic laboratory to other structures in the area should be giving this thought.

(minutes cont'd)

December 1, 1967 - Members present: Dean Kingrey, Drs. Dale, Curtin, McClure, Morehouse, Murphy, Rines & Shelton

1. *The Long Range Planning* questionnaire for the School requests enrollment estimates for the entering class of 1977. Results of a telephone poll of 6 Cabinet members estimated 120, 120, 120, 90, 100 and 72. The best estimate was voted unanimously as 120 students.
2. *The annual Christmas dinner* for non-academic employees is planned from 12 to 2 p.m. Friday, Dec. 27.
3. *Veterinary Medical Facilities Planning* - The architect will visit the School on Dec. 5. Each Department chairman will have the opportunity to suggest how his department needs can be fitted into the H-shaped structure.
4. *The School's Lab. Animal Medicine Rep.* will be attending a meeting Dec. 8 & will need information as to our requirements.

December 21, 1967 - Members present: Dean Kingrey, Drs. Dale, McClure, Morehouse, Murphy, Shelton, Rines, Garrett, Larks & Wescott.

The entire meeting was devoted to planning new facilities for the School. The importance of planning ahead in spite of reluctance to conjecture was expressed. Any proposed facility is not likely to be funded with state funds now until after the next session of the legislature. Copies of a report from the Department of Health, Education & Welfare entitled "Expenditures for Facilities' Support To be Cut One-third Below Appropriations" were handed out. It broke down the appropriations & expenditures into 2-year & 4-year college programs, graduate facilities, health educational facilities & health research facilities. An optimistic outlook was reported of a group representing NIH at the last site visit.

The physiology component of the Veterinary Medicine Complex being planned, however, the architect is now working with the entire complex. Many questions have arisen. Two questions are: Where should laboratory animals be held in relation to the main structures, & How much sharing should there be of the teaching facilities? A rough site drawing with the buildings re-labeled was handed out. It was expressed that there is a real need for developing plans for the overall complex since even today's remodeling & renovation should be tempered by the overall plan. A philosophical question is how much research space should be included by comparison to space for teaching. Pathology would like to designate a specific building of approximately \$500,000 as a diagnostic laboratory for separate funding.

Microbiology & physiology would prefer 60 student laboratories. Physiology has designed the cubicle type. Anatomy needs a laboratory for 120 students & pathology is willing to use the larger laboratory. Also, after a review of classroom needs, it was decided that 3 lecture rooms for more than 120 students would be necessary in addition to the present clinic auditorium, plus several smaller seminar-type rooms for small classes.

Following discussion, it was concluded that space for all laboratory animals used in teaching should be included in the central complex with separate facilities planned elsewhere for: 1) Departmental research animals, 2) Bio-hazard laboratory animals, 3) Campus laboratory animal holding & 4) Clinical studies facilities.

December 27, 1967 - Members present: Dean Kingrey, Drs. Dale, Curtin, McClure, Rines & Shelton

1. *Preliminary Salary & Promotion Information* - Dean Kingrey requested from Dean Schooling any information which might be forthcoming in January & interfere with a pending trip to India by Dean Kingrey. Preliminary forms were distributed.
2. *Academic Service Reports* for fall semester were distributed.

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