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Student News

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Pre-veterinary Medicine Club Formed

At Iowa State College, the pre-veterinary medical students are enrolled in the science division. Because they remain there for only 2 years, they tend to have a feeling of not belonging to this division. There was no organization which they could join to carry out extra curricular activities. There was no one readily available to whom they could turn for advice on problems that pertain to their specific field.

A few years ago several veterinary medical students set out to correct this condition. Through their efforts, the Pre-veterinary Medicine Club was formed. This club is open for membership to any regularly enrolled students in other divisions of the college interested in entering the field of veterinary medicine. The club is sponsored by the student chapter of the A.V.M.A.

Because of the rapid turnover in membership that would naturally occur, an advisory committee was set up to assist the officers in running the club. This committee consists of four members of the student chapter of the A.V.M.A. A faculty advisor from the Division of Veterinary Medicine was also provided. This committee is responsible for the functioning and the perpetuation of the club.

The constitution of the club outlines four objectives: (1) to promote a closer relationship among pre-veterinary medical students; (2) to promote a closer relationship between pre-veterinary medical students and the veterinary medicine division; (3) to stimulate interest in veterinary medicine; (4) and to offer counseling to pre-veterinary medical students by senior college veterinary medical students.

The club is still in its infancy, but at present it is quite popular with the pre-veterinary medical students and gives all indications of being on the campus to stay. There are approximately 85 members. Meetings are held once a month. A guest speaker, an institutional veterinarian or a practicing veterinarian, addresses the group at each meeting. An attempt is made to present some of the aspects of the study of veterinary medicine and the type of work the student will be doing after he enters the division. The purpose and necessity of the required pre-veterinary courses are explained. In this manner it is hoped that the student will be better prepared and oriented to the task before him when he enters the Division of Veterinary Medicine.

During one of the fall quarter meetings, members are taken on a tour of classrooms and the clinic, and the various departments are explained. Films are scheduled between the regular monthly meetings. Members of the advisory committee are available for counseling students. Other activities include a spring picnic, winter smoker and a Veishea open house display.

It is hoped that this club will fill the students’ needs and will help to produce better veterinarians and work for the advancement of the profession.—Ward Richter
AVMA Chapter Activities

On November 18, the guest speaker was Dr. Frank A. Todd, a 1933 veterinary medicine graduate of Iowa State College. He is associated with U. S. Public Health Service and discussed the role of the veterinarian in Civil Defense.

Dennis Carr was chairman of the Veterinary Medicine Christmas Party which was held December 10, in the Memorial Union. The junior class provided the entertainment, and, of course, Santa Claus had gifts for the children. Refreshments were served to conclude the evening.

At the meeting on January 20, Dr. A. M. Orum, '41, Carthage, Ill., spoke on the general aspects of a veterinary practice with special reference to those problems confronting a young veterinarian establishing a practice. Nominations were made for the next term officers.

The Veterinary Medicine Ball was held January 22, in the Memorial Union Ballroom. Shep Fields and his orchestra provided music for the annual event. The Bomb Beauty candidates were introduced during the intermission.

At the Winter Smoker, held February 2, Tom Schalk acted as master of ceremonies in presenting a very entertaining program composed of campus talent. Following the introduction of candidates these men were elected to office:

President Elect—Bob Sharp
Vice President—Bob Gubser
Secretary—Dick Houck
Critic—John McEnaney

Other members of the present executive council are: Treasurer, Don Wert; Senior Class representative, Frank Hughes; Junior class representative, John Crow; Sophomore class representative, Stan Held; Freshman class representative, Francis Copeland; Cardinal Guild representatives, Bob McClure and Jim Shaw.

Following the election, the meeting was turned over to the incoming president, Rex Jones, who presented the retiring president, Jim Creel, a miniature gold gavel in appreciation of his efforts during the past year.—Keith T. Johnson, Jr.

Nutrition Course Revised

Animal nutrition has been made twentieth century, 1955. This is something the students have been looking forward to for several years. Of all curriculum changes, this one seems to be the most popular.

The course has been arranged to be taught as a lecture series. These lectures are to be given by men prominent in their field. Dr. Eugene Ingmand will speak on "Practical Aspects of Nutrition"; Dr. L. C. Payne, "Digestion"; Dr. Wise Burroughs, "Ruminant Physiology"; Dr. W. H. Hale, "Pasture and Forage Quality"; Dr. Robert Penquite, "Management of Poultry and Turkey Flock"; and Dr. S. L. Balloun, "Nutrition of Chickens and Turkeys."

Dr. D. L. Baker will speak on "Small Animal Nutrition"; Dr. Oliver Whitcomb, "Nutrition of Horses"; Dr. D. V. Catron, "Swine Nutrition"; and Dr. J. C. Pickens will lecture on "Feeding of Possible Toxic Feeds," "Ration Calculations," and "Area Mineral Deficiencies."

For several years students have offered suggestions and submitted requests to revise Animal Nutrition. They thought that too much emphasis was placed on chemistry and not enough on feeds and feeding. Each year similar suggestions were submitted and each time they went unheeded, so it seemed. (Most of you are familiar with the requests made by the faculty upon completion of a course. Each student is asked to state his opinion of the course and offer suggestions for improving the course.) The administrators thought that the gripes and comments were inherited from one class to another and each time a little more added to the heritage.

Finally, the administration has revised the course to fit the requests of the students. On opening day of the quarter, Dr. Hewitt briefly outlined the course. It was surmised from his off-the-record remarks that to criticize the course too severely would be unjust. Should this occur, the students would then have to accept the course work as the administration saw
Every effort has been made to make the course as interesting, up-to-date and practical as possible.

It is a little early to make any conclusive statements concerning the reaction of the students as the course is still in progress at the time of this writing. However, the students have shown much enthusiasm and have commented very favorably. May we express our sincere appreciation to the administration for this move.—GSF

Stange Memorial Clinic

Open For Veishea

One of the added highlights of Veishea Open House May 12-14 will be a tour of Stange Memorial Clinic.

Other departmental open houses will feature demonstrations designed for general interest. The application of various drugs will be depicted by pharmacology. Techniques for student instruction and diagnosis of infectious diseases will be presented by bacteriology. A miniature display will be used by pathology to demonstrate the right and wrong way to control parasites in swine production. Anatomy will disclose some interesting aspects of the circulatory system, physiology is planning to present the embryology of the chick.

Vet Med Athletes

Receive “630” Awards

Hank Philmon, VM 1, and Jim McCaulley, VM 3, varsity football players, received trophies to commemorate their outstanding performances in the 1954 football season. Philmon was honored for his performance in the Oklahoma game and McCaulley, for the Northwestern game. Philmon is also a member of the indoor track squad. He won the broad jump in the meet with Chicago University establishing a new meet record of 22 feet, 1½ inches. He has made jumps over 23 feet since then.

Mel Wostoupol, VM 1, a regular in the lineup for the varsity football squad this past season received a letter.

Ed Jones, VM 3, wrestling at 167 lb., decisioned his Colorado A & M opponent, 9-4, in a non-conference meet at Ames. He won by a fall in the Varsity-Frosh meet January 20. He was defeated by his Mankato opponent January 29. Jones was victor by a fall in the Carelton meet February 4.

Jerry Sandbulte, VM 1, has been doing a nice bit of relief work on the varsity basketball squad. Jerry is a former high school all-state basketball star. His home town is Sioux Center.

MARRIAGES

First-year Class

Miss Lila Johnson and W. Earl De-Zeeuw were married Dec. 22, 1954, in the Methodist church at Swea City, Iowa.

Miss Joan Stafford and Jerry Hix were married Dec. 19, 1954, at Storm Lake, Iowa.

Miss Michell Mouw and Gerald Sandbulte were married Jan. 1, 1955, at Sioux Center, Iowa.

Second-year Class

Miss Arta M. Lussman and John R. Harman were married Dec. 19, 1954, in the St. John’s Lutheran church at Storm Lake, Iowa.

Fourth-year Class

Miss Margery Ann Held and Carl E. Miller were married in the Methodist church in Geneva, Iowa, Feb. 16, 1955.
BIRTHS

Second-year Class


Third-year Class
A son, Scott Owen, to Mr. and Mrs. Willard L. Vanderlinden, Nov. 20, 1954, Boone, Iowa.

A son, Jeffrey Scott, to Mr. and Mrs. Robert Carithers, Jan. 6, 1955, Ames, Iowa.

A daughter, Ann Elizabeth, to Mr. and Mrs. Alfred Evenson, Feb. 8, 1955, Ames, Iowa.


Fourth-year Class
A son, David William, to Mr. and Mrs. John H. Post, Dec. 9, 1954.

Construction Started On Diagnostic Laboratory
Workmen started tearing down the old anatomy dissecting laboratory at the north end of the Quadrangle to make way for the new diagnostic laboratory.

Also involved in this building program will be the renovation of the o.d clinic building for the Department of Anatomy. The military stables are to be remodeled for use by the clinical departments.

PATHOGENESIS OF INTESTINAL ULCERS FOLLOWING IRRADIATION. Ulceration is a well known consequence of irradiation of the gastro-intestinal tract. Although most workers have expressed the belief that ulceration reflects the direct effect of ionizing radiation studies, some have indicated that ulcers are produced not by irradiation alone but by the impingement of secondary factors on a surviving, albeit altered, mucous membrane.

In order to evaluate the roles which the dosage of radiation and the mechanical and bacterial irritation of the fecal stream play in the production of intestinal ulcers, it was decided to test the effects of colostomy and the anchoring of an intestinal segment. The colostomies were done so that the colon might be irradiated in the absence of the fecal stream. The binding of an intestinal segment to the abdominal wall made it possible to irradiate the bowel in such a fashion that the fixed loop of intestine was most heavily treated.

Doses of radiation sufficient to produce intestinal ulcers failed to result in ulceration when the fecal stream was deflected by colostomy. Ulcers did not always develop at points of maximal irradiation. The results of the experiment indicate that the diffuse intestinal injury produced by irradiation merely sets the stage for secondary damage and that fecal mechanical and bacterial action are probably responsible for ulceration.

[Friedman, Nathan B., M.D. Pathogenesis of intestinal ulcers following irradiation. American Medical Association Archives of Pathology. 59: 2-4. (January 1955).]

Beagles have been gaining in popularity so fast that they are now the No. 1 dog in the nation. The Cocker Spaniel slipped into second place. The Boxer is third and the Dachshund is fourth. This ranking is based upon AKC registration figures. One cannot overlook the mongrel which far outnumbers any one particular breed.

Iowa State College Veterinarian