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# STUDENT NEWS

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## History of the Jr. AVMA

**Organized in 1884.**

THE IMMEDIATE predecessor of the Iowa State College Student Chapter of the American Veterinary Medical Association was the Veterinary Medical Society of the Iowa Agricultural College. This society was organized in the spring term of 1884. The purpose of this society was the discussion of matters relating to veterinary science for the improvement of its members. The charter members of the organization were W. E. D. Morrison, G. M. Osborn, W. B. Miles, M. E. Johnson, E. E. Sayers, D. E. Collins, and W. R. Whiteman.

The constitution and by-laws were revised in 1885 and again in 1886. In the changes of 1886 the Dean of the veterinary faculty was made permanent president and the House Surgeon, first vice-president. In that year the society was incorporated under the laws of the State of Iowa.

By 1887 the membership grew to a total of 21. In 1891 the constitution and by-laws were again revised. Some of the more interesting parts of the constitution and by-laws follow: Article III, Sec. 10. It shall be the duty of the Sergeant-at-Arms to light and heat the rooms, and to perform all the duties pertaining to his office. Article VI, Sec. 1. The discipline of the Society shall be "fines, suspensions, expulsions." By-laws Article I, Sec. 1.

Order of business—roll call, program as prepared by program committee, discussion of cases in hospital by the House Surgeon, voluntaries, question box, recess, roll call, reading of the minutes of previous meeting, initiation of new members, reports of standing committees, report of nonperformances by secretary, report of treasurer (fines, suspensions, expulsions), report of special committees, unfinished business, new business. Article I, Sec. 25. The society shall not continue its sessions later than the ringing of the warning bell for retiring; any business transacted after said warning bell shall be illegal.

During the early 1900's the program was made up of debates or several short speeches given by students. At some meetings entertainment consisting of student vocal and instrumental groups was presented. For a few years during this period a professor in the English Department acted as critic for the organization. During the early twenties there was a gradual transition of student speakers being on the program to members of the faculty being guest speakers. Later on speakers from other departments and out-of-town guest speakers were on the program. At the present the greatest percentage of guest speakers come from authorities in various fields of veterinary

medicine other than Iowa State College faculty members, although they are still called upon occasionally to speak.

In the minutes of a meeting in 1927 there was a discussion given on changing the name of Iowa State College to Iowa State University. A list of resolutions was drawn up in an effort to bring about this change. A copy of these resolutions was sent to Dean Stange, the Iowa State Daily and the secretary of the State Board of Education. Their efforts were all in vain as there is still agitation for this change to be made.

During the 1930's there was a mixer held each fall at which members of the faculty and student body got acquainted. Some of the high-lights of this mixer were the introduction of the faculty to the freshmen, the freshman-sophomore tussle and a story-telling feud between two members of the faculty. The freshman-sophomore tussle was a friendly gang fight between the freshmen and sophomores that really whetted their appetites for the big feed that followed. The object of this contest was a white flag flying on top of a greased pole. This was held in the college meat laboratory. This event has since been replaced by the annual fall banquet.

In 1936 a resolution was drawn up by the Jr. AVMA urging that the new clinic building be named, "The Charles Henry Stange Memorial Veterinary Clinic" in memory of the late Dean Stange. This resolution was submitted to the Iowa State Board of Education, the president of Iowa State College and the heads of the departments of the veterinary division. The Board of Education approved the resolution that spring, and the clinic was so named.

In 1939 the Jr. Chapter of the AVMA decided to adopt the newly-formed *Veterinary Student* as its official publication. In 1941 an amendment was made to the constitution to make it the official publication.

In 1939 the chapter adopted a constitution uniform for all student chapters of the AVMA which was very similar to the old constitution. It provided for a closer relationship between the local

chapter and the national organization. The honorary president and honorary secretary from the faculty was eliminated and a faculty advisor was substituted.

In 1943 the chapter formed the Veterinary Student Library. In 1948 an auxiliary to the Iowa State Student Chapter of the AVMA was formed. In 1949 the chapter voted to sponsor the first annual Iowa State Veterinary Alumni Homecoming and Reunion, which was held on Oct. 13, 1949. This event has been held every year since then on the Saturday of Homecoming. Also in 1949 the chapter voted to change the name of its official publication from *Veterinary Student* to *ISC Veterinarian*.

In 1950 an amendment was made to the constitution to form an educational committee to give suggestions to the faculty education committee as to changes in the curriculum. Some of the recent changes in the curriculum first suggested by this committee are (1) a senior anatomy course, (2) a senior poultry pathology course, (3) a survival surgery course in large and small animal surgery for seniors and (4) a non-survival surgery course for juniors.

In 1953 the chapter organized a pre-veterinary club patterned after the Jr. AVMA with a member of the parent club acting as advisor. The club has become very popular and attendance at the meetings is very good. Members of the faculty of the veterinary division are usually guest speakers.

There has been no major changes in the chapter in the past few years. The members have been kept busy with the many routine matters of business. Each fall the chapter sponsors a student-faculty banquet. At Christmas time it holds a party for members of the faculty and their families and for students and their wives or dates. Each spring the chapter puts on a divisional dance and later on a student-faculty picnic. The chapter maintains a very fine library in the new diagnostic building and sponsors the *ISC Veterinarian*. Each year a member is sent to the National AVMA Convention as a chapter delegate. Besides this, once a month there is a regular meeting of the

chapter. At each meeting an authority in some phase of veterinary medicine is the guest speaker.

The ISC Student Chapter of the American Veterinary Medical Association has come a long way since the original organization was founded back in 1884 and it is destined to continue to be a factor in help to graduate competent veterinarians from Iowa State College in the future.

— Gene Scallon '58

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## PRE-VET CLUB

Now in its sixth year of existence, the Pre-Veterinary Club is gradually gaining recognition as one of the leading departmental clubs on campus. The Club now has 135 members and is an active member of the newly organized nationwide Idea Exchange Group of Pre-Veterinary Medicine Clubs.

Highlights in this year's program schedule of guest speakers include prominent men in the field of Veterinary Medicine: I. A. Merchant, Dean of Veterinary Medicine, Iowa State College; Dr. R. E. Ruggles, treasurer of the National AVMA and past president of the American Animal Hospital Association; Dr. Chester D. Lee, Extension Veterinarian, Iowa State College; and professors in the Division of Veterinary Medicine.

Other programs include tours of the veterinary school, observations of experimental results of operations, an annual smoker with entertainment by some of the talent groups on campus, sponsorship of an open house at Veishea and an annual spring picnic.

The Pre-Veterinary Club was organized to create a closer relationship between the pre-veterinary students and the Division of Veterinary Medicine. Other objectives of the club are to stimulate interest in veterinary medicine and to offer counseling service to pre-veterinary students by senior veterinary medicine students.

—Ron Beckman '59

## SENIOR WIVES GO TO CLASS

As in previous years, the wives of the seniors had the opportunity to attend evening classes and enjoy informative talks on various subjects that should aid them and their husbands after graduation. The ladies were quite enthusiastic about the program which included the following speakers and their subjects: Mrs. James Bailey, helpful information for wives who will assist in the office; Dr. Margaret Sloss, women in veterinary medicine; Dr. Phil Pearson, preparation and sterilization of instruments and equipment for surgery, care of instruments, and nomenclature; Dr. Durwood Baker, anesthesia and restraint of small animals and meeting emergencies; Dean I. A. Merchant, ethics and laws in veterinary medicine; Mr. Hirschburg of Hirschburg-Gilchrist Law Firm, business aspects; Dr. and Mrs. B. W. Kingrey, large animal laboratory technics.

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## Winter Smoker

The annual winter smoker of the Iowa State Chapter of the Junior American Veterinary Medical Association was held in the Great Hall of the Memorial Union at Iowa State College on Wednesday, Feb. 5, 1958, at 7:30 p.m.

Election of officers for the coming term was held and the results were as follows: president-elect, William Speer; vice-president, Robert Billiar; secretary, Terry Watts; critic, Terry Fitzpatrick.

Entertainment between the ballotings was in the form of skits imitating various members of the faculty given by members of the junior class and were under the able direction of Terry Fitzpatrick.

After the entertainment, Warren Bohnhoff, the retiring president, surrendered the gavel to the new president, Merle Lockwood, for the coming term.

### CLASS OF '58

**Mr. and Mrs. Robert Billiar** announce the birth of a girl, Suzanne, at the Mary Greeley Hospital in Ames on Dec. 16, 1957.

A boy, Rodney Lee, was born to **Mr. and Mrs. Rodney E. Hall** on Nov. 12, 1957, at Mary Greeley Hospital in Ames.

On Dec. 16, 1957, **Fred Wood** and Jeanine Freeman were married at New Virginia, Iowa. They now reside at 4100 East Broadway in Des Moines.

A boy was born to **Mr. and Mrs. Lawrence Birchmier** on Nov. 18, 1957 at Mary Greeley Hospital in Ames. The baby's name is Joel Alan.

**Mr. and Mrs. Tom Speas** announce the birth of a boy, Michael William, on Oct. 12, 1957, at Marshalltown, Iowa.

**Mr. and Mrs. Wayne Steckelberg** announce the birth of a son, Daniel Wayne. He was born on February 17, at Mary Greeley Hospital in Ames.

Class officers for the second term are **Phil Slavens**, class representative, and **Tom Speas**, secretary-treasurer.

**Jerrold Hix** was named to intern at Angell Memorial Hospital in Boston. His internship will begin July 1, 1958, and will be for a 15-month period. Only six seniors in the United States are selected annually for such positions.

### CLASS OF '59

**William Pewsey** and Barbara Lou Cundiff were married Dec. 29, 1957, at Storm Lake, Iowa.

**Terry Fitzpatrick** and Nancy Halverson were married Dec. 22, 1957, at Osage, Iowa.

A daughter, Jill Marie, was born to **Merle and Helen Lockwood** on Jan. 9, 1958, at Mary Greeley Hospital, Ames, Iowa.

A son, Todd Gaylord, was born to **Phil and Nancy Finney** on January 2, 1958.

Class officers for the second term are **Ray Abel**, class representative, and **Jim Smith**, secretary-treasurer.

### CLASS OF '60

**Merle Dudley** married Donna Dee Tinkham on Dec. 22, 1957, in Ames, Iowa.

**Terry Palmer** was married to Janet Ross in West Chester, Iowa, on Dec. 25, 1957.

**Byron and Glenna Winter** announce the birth of a son, David Crain, at Mary Greeley Hospital, Ames, on Jan. 24, 1958.

**Ken and Sara Lee Hook** announce the birth of a son, David Spregue, on Dec. 14, 1957, at Iowa Methodist Hospital in Des Moines.

Class officers for the second term are **Don Anderle**, class representative, and **Lowell Roberts**, secretary-treasurer.

### CLASS OF '61

**Bill and Janet Coder** announced the birth of a son, James William, born on Dec. 16, 1957.

**Mr. and Mrs. Burton Wolf** announce the birth of a girl, Molly Jean, born Dec. 18, 1957.

A son, Steven Jeffrey, was born to **James and Mary Lou Miller** on Dec. 18, 1957.

Class officers for the second term are **Bill Cusick**, class representative, and **Richard Dillman**, secretary-treasurer.

# 'Veterinarian' Established in 1938

*Starts Student Loan Fund on Twentieth Anniversary*

THE IOWA STATE COLLEGE VETERINARIAN, known as THE VETERINARY STUDENT until 1950, recently established a loan fund for students in veterinary medicine. The fund was started with \$1200.00 and it is hoped that the publication can add to it yearly; alumni contributions may also be designated for this fund. Juniors and seniors in veterinary medicine find the long-term student loans of invaluable assistance, and in some instances such loans have kept them in college. The establishment of this student loan fund is significant on the publication's twentieth anniversary for two reasons: it gives to the students something extra for their work on the magazine; alumni who have worked on the publication during the past 20 years should be proud of their contribution. Special recognition goes to two alumni, Dr. W. D. Daugherty and Dr. A. H. Seeley, who started the publication when they were students; and to Dr. George R. Fowler, faculty advisor, who, as Dr. Daugherty writes, "was the main reason for our plans working out."

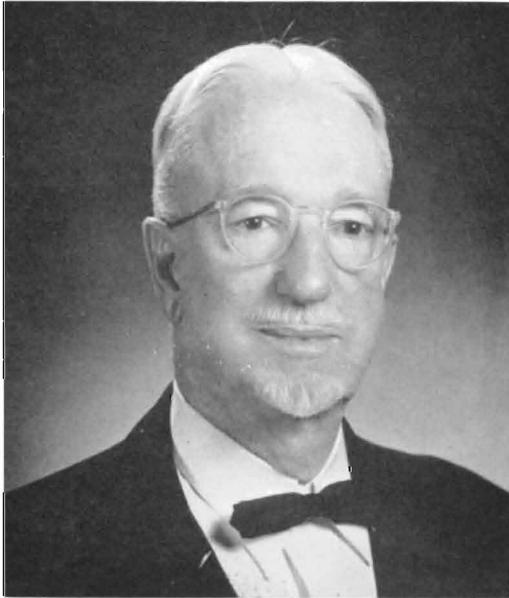
Prior to 1938 the desire for a veterinary division publication could be classified, along with the weather, as one of those things that everybody talks about but nobody does anything about. The veterinary portion of the student registration fee which was ear-marked for student publications was channeled to the Division of Agriculture. They in turn provided the veterinary students with free copies of their magazine. The veterinary students felt that the IOWA AGRICULTURIST was not adequate for their needs, yet they were not allowed a section for veterinary medicine in it. Al Seeley and Bill Daugherty were so aroused that they decided to go all out to get permission to start a divisional publication.



**First Issue.**

They discussed the proposal with Doctor Fowler, who recalls that this was in the Union when he joined them for a cup of coffee. Doctor Fowler did not discourage their proposal and generously agreed to work with them as faculty advisor. They next contacted Dean Murray, who advised them that it would be necessary to get the approval of the Administrative Board. Dean Helser, chairman of the board, asked them to write a letter covering their proposal which he could present to the board. They had anticipated this request and left such a letter with him.

Doctor Seeley writes, "We got an affirmative answer from the Administrative Board a week or two before the



**Dr. George R. Fowler**  
Faculty Advisor 1938-

State Annual Veterinary Convention in Des Moines. Now we were in business and really started to dream. We decided to go to the convention and sell advertising in our non-existent publication to the commercial representatives that would be present. In the meantime, we had discussed our problem with the Dept. of Journalism and the Collegiate Press and had a rough idea of the cost for different types of publications." They decided on the digest size for the publication and to sacrifice size and circulation for quality of paper and printing. They felt that the ultimate prestige of the publication would be greater if it were a quality product from the beginning. They were able to sell sufficient advertising at the convention and elsewhere to assure the first issue.

The first office was established in a box-stall in the old clinic building; planks on saw-horses were the first desks. Bill Daugherty owned a typewriter and had had a course in journalism, so he became editor. Bill Seeley was the first business manager. First expenses came out of their own pockets. They quickly recruited an editorial and a business staff so there would be an experienced group to carry on after their graduation.

It was assumed by the faculty that a mimeographed publication was being run off. Doctor Seeley writes, "We were a proud pair the evening we picked up the first issue at the printers, but our pride was due for a fall. We were busy stuffing the mailing envelopes when we decided to put a copy in each faculty members' mail box, so they would have their copy when they arrived in the morning. This we did, and were busy again stuffing envelopes when a custodian came to the 'office' and said the Dean wanted to see us. In the short time that had intervened Dean Murray had found his copy and scanned it from cover to cover. When we reported to him he appeared very upset. His first remark was that he had enough experience in the publishing field to know that this publication had cost money, and he wanted to know who was going to pay for this one. We assured him it had already been paid for and that we were still solvent. We did not go so far as to say that the balance was about 19 cents, though. We had intentionally procured the maximum number of copies of the first issue that the



**Col. A. H. Seeley** — first business manager.



**Dr. W. D. Daugherty — first editor.**

budget would afford. These copies were mailed to alumni, colleges, libraries, and commercial houses to solicit advertising and subscriptions. We ended the first year with a growing circulation and a modest balance in the bank. During this year the student AVMA chapter voted to adopt the publication, thus giving it the official status of representing the students rather than a free-lance enterprise."

From this bold start by two ambitious students, the IOWA STATE COLLEGE VETERINARIAN has fixed itself securely in veterinary medical literature. With a circulation reaching to 1600 it is distributed over the entire United States and into many foreign countries. Although a student publication, the faculty contribute much to its success. Students working on the publication today are well-aware of Doctor Fowler's guiding hand.

What became of Drs. Daugherty and Seeley? Dr. W. D. Daugherty is with the USDA, Animal Disease Eradication Division, serving as a district veterinarian in

17 counties in northeastern Indiana. He and Mrs. Daugherty live on a farm at Route 9, Huntington. They have one son, Dave, who is in high school.

Dr. A. H. Seeley married Marjorie Pettinger, '39, in 1940. In 1939 he reported to Randolph Field, Texas. He remained there until 1944 when he went to China and joined the Chinese walking army, which was actually the Chinese Combat Command. Since, he has been stationed in Texas, Wyoming, Nebraska, Iowa, New York, Pennsylvania, and Washington, D. C. Recently he was assigned to the Subsistence Division of the Quartermaster General's Office. Colonel Seeley's address is 5013 Forest Haven Drive, Alexandria, Va.

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#### **ALPHA ZETA**

Alpha Zeta, honorary fraternity for students in agriculture and veterinary medicine, initiated eight students of veterinary medicine into their Wilson Chapter during the past year. Juniors accepted are: William Speer; Robert Klindt; Carl Graham. Seniors are: Lawrence Birchmier; Les Classick; Curt Sander; Warren Bohnhoff; Robert Billiar.

Francis Copeland, '58, is serving as treasurer of the Iowa State chapter.

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#### **CHRISTMAS PARTY**

The annual student-faculty Christmas Party of the Iowa State Chapter of the Junior American Veterinary Medical Association was given on Dec. 13, 1957, in the Great Hall of the Memorial Union. The course of the evening was cleverly engineered by master of ceremonies, Bill Dubbert. Entertainment was capably furnished by Dr. Lovell and the men and wives of the junior and freshman classes. Several valuable door prizes were given, including three hams. The evening was highlighted by the appearance of Santa Claus (Phil Finney) with sacks full of candy for the delighted children. Coffee and doughnuts were served at the close of the program.

# What Is Your Opinion?

Craig Larson, '58

## INTERVIEW QUESTION

What is your opinion of the following possible curriculum change?

Rather than have a 3-month break between the junior and senior years, classes would be held, thus concluding formal class work in March. This would allow the seniors to get out in the spring and possibly serve a 3-month internship, thereafter returning for graduation.

## ANSWERS

**Wayne Steckelberg, '58:** Although there are obvious advantages to ending class work in March, I feel the disadvantages outnumber them. The months between



Steckelberg



Christensen

the junior-senior year spent with a practitioner tend to stimulate thinking along more practical lines and make the senior year more applicable. Also, many seniors establish contacts during the summer which later lead to employment. Possibly, giving the juniors more responsibility during the spring quarter in clinics, and allowing the seniors ample opportunity to find jobs would be more advantageous to both classes.

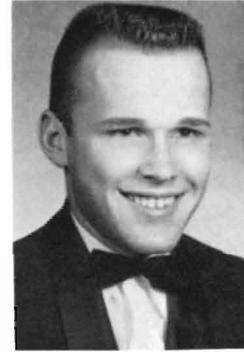
**Walt Christensen, '60:** I am opposed to this change because it seems like an anticlimax to be through with classes in March, then graduate in June. I believe

a 3-month vacation from classes is welcomed after the junior year and this so-called internship can be obtained at this time.

**William Pewsey, '59:** My first impression of the proposed change was of hearty approval because of the opportunity to intern after having received all of the formal schooling. However, I think the disadvantages of continuous bookwork for 18 months and the added cost of maintaining classes throughout the summer



Pewsey



Hamilton

more than offset the advantages. I feel summer work with a practitioner between school years is a valuable aid to the formal education.

**James Hamilton, '61:** I think such a proposal could benefit us greatly, depending upon what we did during the period of internship. If we were allowed to work in various branches of veterinary medicine, we might find that our interests lay in an area we had not previously considered. True, it would create a hardship for those depending upon summer work to aid them the following school year, but I feel the experience gained would offset this difficulty. Experience thus obtained would enable us to represent our profession more adequately.

### PHI KAPPA PHI

Only two seniors in veterinary medicine were initiated into Phi Kappa Phi, all-college honorary fraternity. Students in the upper one-sixteenth of the graduating class were eligible. Russell Schelkopf and Roger Hogle hold this honor.

### VEISHEA 1958

Plans for the Division of Veterinary Medicine's contribution to Veishea of 1958 are being formulated. The openhouse committee for the division consists of the following: co-chairman, Bob Conway and Clarence Fritz; business manager, Jim Collins; publicity chairman, Glen Carter; secretary, Marilyn Carr; faculty advisor, Dean I. A. Merchant.

The openhouses this year will be built around the theme, "Honor to the Past, Vision to the Future," in compliance with the centennial year at Iowa State College. Veishea will be held on May 15, 16, and 17.

### THE EFFECT OF AUREOMYCIN, IN THE RATION OF FAT LAMBS, ON PNEUMONIA AND PRODUCTION.

Aureomycin added to a pelleted ration in tests involving utility-type feeder lambs did not have any effect in controlling pneumonia. Lambs fed Aureomycin did benefit in average daily gain, feed utilization, speed of finishing and cost per 100 pounds of gain. Those lots fed 10 mg. per pound of feed and especially those fed Aureomycin continuously gave the best results. The addition of Aureomycin did not alter carcass grades or yields.

McGowan, B., Weir, W. C. and Cameron, H. S. The effect of aureomycin, in the ration of fat lambs, on pneumonia and production. The Cornell Veterinarian. 47:389-393. July, 1957.

Furazolidone, a nitrated furan effective against micro-organisms and used in animals and man, caused abortion in mice with oral doses as low as 0.75 gram per kilogram of body weight. Its apparent toxicity was against the embryo.

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**STUDIES ON OVINE COCCIDIOSIS  
I. SOME PHYSIOLOGICAL  
CHANGES TAKING PLACE IN EX-  
PERIMENTAL INFECTIONS WITH  
EIMERA NINAE-KOHL-YAKIMOVI  
AND EIMERIA FAUREI.**

During the second week of infection, infected lambs exhibited clinical symptoms of lowered feed consumption, lassitude, generalized incoordination and slight scouring with some bleeding. Water intake remained the same. A typical attitude was a prone position; the lamb lying fully on its under-surface with the forelegs in an awkward unparallel position to the front, and the head bent so far to the left that the lamb was looking at its hind quarters. After 2 weeks infection the feces became loose and were sometimes bloody. Oocysts of both species were first recovered from the feces at this time.

A decrease in the percentage of feed protein digested occurred. Total serum protein did not fluctuate but changes in the albumin globulin ratio indicated an

increase in globulins. While blood hemoglobin and hematocrit values indicated a lack of even moderate hemorrhage, inorganic serum phosphorus levels dropped 25 percent and blood glucose levels rose slightly.

The author substantiated the work of previous authors who observed nervous disorders in sheep infected with *Eimeria ninaekohl-yakimovi*. That these are due to anemia resulting from severe hemorrhages, such as is the case in *E. tenella* infections of chickens, was not proven.

Shumard, R. F. Studies on ovine coccidiosis. I. Some physiological changes taking place in experimental infections with *Eimeria nonae-kohl-yakimovi* and *Eimeria faurei*. The Journal of Parasitology. 43(5):548-554. October, 1957.

An investigation at the University of Sidney, Australia, has shown that the volume of sweat gland per unit is different with different breeds of cattle. Differences in sweat gland volume paralleled the extent to which animals are heat tolerant.

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and a sizable dose, 5 grs. (0.3 Gm.), potassium iodide.

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