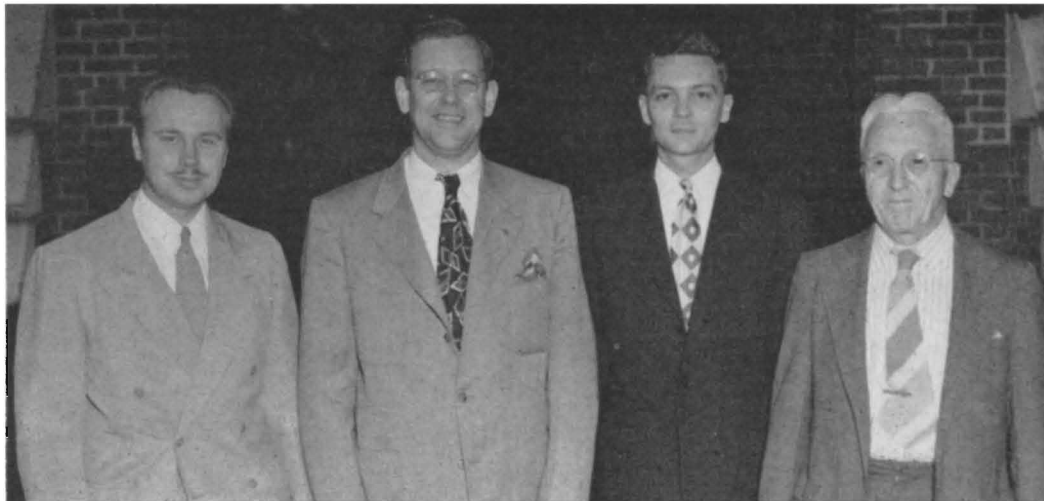


# FACULTY NEWS



## ANATOMY DEPARTMENT

Since the Department of Veterinary Anatomy is the students first contact in his professional curriculum, much must be mastered in addition to the basic subject matter. A medical vocabulary must be acquired. Skill in the use of instruments and of his own special senses, e.g. sight and touch must be developed. The freshman student soon becomes cognizant of professional ethics and aware of the professional standards to be followed both in academic life and in his everyday behavior.

During the past two decades the tendency has been to reduce the hours devoted to gross anatomy to a minimum so that more time can be assigned to other subjects or to other fields of anatomy. Gross anatomy which previously was

taught for six quarters was reduced to four quarters. In 1935-36 it was deemed advisable to further reduce the course to the present schedule of three quarters work. Since 1940 the laboratory hours within the quarter have also been reduced. Consequently, the present course must be streamlined. Time does not permit the learning of exact origins and insertions of muscles, various prominences and depressions on the bones and detailed blood and nerve supply. Rather the overall picture is stressed. The fact that fundamentally all animals are structurally the same is emphasized. Accent is placed on their similarity rather than their differences. The student acquires a good basic knowledge of body structure realizing the significance and relationship of

one part to another and one system to another, from a gross, histological and embryological viewpoint.

However, the department believes that details have their place and are necessary, particularly in topographic and surgical anatomy. It is also a proven fact both in the human and veterinary fields that it is impossible to retain detailed knowledge from the freshman year to the clinical years. Consequently it was deemed advisable to offer a course in applied anatomy to senior students, thus permitting a review of the anatomy of the principle surgical and obstetrical regions of the domestic animals. The senior student can also appreciate and correlate more fully the significance of the anatomical areas in relation to clinical medicine and surgery than would be the case in his freshman days. Thus, students admitted for year 1949-50 and thereafter will have the opportunity of studying applied anatomy in their senior year.

#### **Staff**

The success of any educational institution depends upon its staff. The personnel of the Department of Anatomy very competently does its part in preparing the student for the remainder of the curriculum leading to the degree of doctor of veterinary medicine. The current members of the staff are:

Dr. H. L. Foust, head of Department  
Dr. Robert Getty,  
Dr. Robert O. Rydell,  
Dr. Robert P. Worthman

#### **Dr. Foust**

Dr. Harry L. Foust was born in Ohio. He was graduated from Ohio State University in 1914 with the degree of doctor of veterinary medicine. He served the North Dakota Agricultural College as a teacher and research man for ten years, during which time he did extensive work in avian tuberculosis. He came to Iowa State College as head of the Department of Anatomy in 1927, which position he still holds. Besides his work in teaching

here, Dr. Foust has done considerable research on the structure of the udder and teat, topographic anatomy, inheritance of eye conditions in the guinea pig, histology of meats and growth of endocrine organs.

#### **Dr. Getty**

Dr. Robert Getty was born in Ohio and spent his boyhood days in Kentucky. He graduated from Ohio State University in 1940 and spent one year in general practice on the outskirts of Cincinnati, Ohio.

Dr. Getty joined the Department of Anatomy in 1941. In addition to full time teaching duties he has conducted graduate research leading to a master of science degree in 1945 and doctor of philosophy degree in 1949. He has conducted research in the field of histopathology, cytology and histochemistry.

#### **Dr. Rydell**

Dr. Robert O. Rydell graduated from Iowa State College in 1934. Upon graduation he began work for the Bureau of Animal Industry and worked in Texas and Minnesota. In 1948 Dr. Rydell accepted his present position with the Department of Anatomy. He is conducting research in mesodermal, endocrine and other glandular characteristics in dogs fed a diet low in methionine.

#### **Dr. Worthman**

Dr. Worthman received his degree in veterinary medicine from Kansas State College in 1943. Upon graduation he assisted Dr. J. E. Weinman in a mixed practice at Lincoln, Nebraska.

Dr. Worthman went from private practice to the Army Veterinary Corps where he served as assistant station veterinarian with the rank of Captain. He was separated from service after three years of active duty.

Dr. Worthman came to Iowa State College in 1949 and assumed the duties of assistant professor in the Department of Anatomy, the position he now holds.

## GENERAL

Dr. Stanton Williamson joined the staff of the Department of Medicine Oct. 1, 1950, as instructor of veterinary medicine.

Dr. Williamson received his degree at Michigan State College in 1945. Upon graduation he joined the staff at Michigan State as instructor in the Small Animal Clinic.

August 1, 1946, he resigned and operated a small animal hospital at South Bend, Indiana until he began his duties at Iowa State College.

Dr. H. L. Foust, head of the Department of Anatomy and member of the executive board for Phi Zeta, installed two new chapters of the honor society for veterinary medicine. The new chapters are at Colorado A & M and Texas A & M schools of veterinary medicine.

Dr. H. L. Foust was elected president and Dr. E. A. Hewitt was elected secretary of the national society of the Phi Zeta at the National A.V.M.A. meeting held at Miami, Florida, in August.

Dr. E. A. Hewitt of the Department of Physiology attended the national A.V.M.A. meeting at Miami, Florida, Aug. 20-24. Following the convention Dr. and Mrs. Hewitt traveled extensively throughout the southern states visiting many educational institutions and friends.

Dr. E. A. Benbrook, head of the Department of Pathology and Parasitology, appeared on the program of the Iowa State College Department of Hygiene conference on mastitis, June 21, 1950. He

spoke on the topic "Pathology of Mastitis."

Dr. E. A. Benbrook attended the annual meeting of the A.V.M.A. at Miami, Florida, Aug. 21-24. He was appointed a member of the Executive Committee of the newly organized National Board of Veterinary Examiners. He attended the meetings of the American College of Veterinary Pathologists of which he is a councilor. He also served on the A.V.M.A. committees on Parasitology and on Scientific Exhibits.

Dr. Margaret W. Sloss, Assistant Professor of Veterinary Pathology, was elected president of the Women's Veterinary Medical Association at the Miami convention of the A.V.M.A. Aug. 23. Following the convention Dr. Sloss attended the sessions of the adjourned meeting of the A.V.M.A. at Havana, Cuba.

Dr. E. A. Benbrook represented Iowa State College at the dedication ceremonies for the School of Veterinary Medicine, Tuskegee Institute, Alabama.

Dr. F. D. Patterson, president of the Tuskegee Institute graduated in veterinary medicine from Iowa State College in 1923. He also qualified for the degree M.S. in veterinary pathology in 1927.

Dr. Frank K. Ramsey, associate professor of veterinary pathology, utilized two weeks of his vacation in Aug. to work with the Iowa Department of Agriculture and the U. S. Bureau of Animal Industry on tuberculosis control in Iowa.

Dr. T. S. Williams, dean of veterinary Medicine at Tuskegee, also holds the M.S. degree in veterinary pathology from Iowa State College.

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Dr. J. N. Archer a member of the 1949 graduating class of Iowa State College is on the clinical staff of Tuskegee Institute.

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Stephen F. Dirks, '53, was appointed Sept. 15, 1950 as assistant in veterinary pathology.

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Drs. E. A. Hewitt and L. C. Payne of the Department of Physiology, attended the Ralston-Purina conference for veterinarians in St. Louis on June first and second.

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Dr. L. C. Payne attended the National Mineral Feeds Association convention in Chicago, Illinois, on Sept. 18 and 19.

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Dr. E. A. Hewitt and Dr. Charles Murray attended the dedication ceremony of the new veterinary clinic at the University of Minnesota on Oct. 25. The dedication address was delivered by Dean W. A. Hagen of the Cornell Veterinary College at Ithaca, New York. The dedication was made by President J. L. Morrill of the University of Minnesota. They also attended a short course for veterinarians at the university farm on Oct. 25 and 26.

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Dr. I. A. Merchant attended a conference of public health veterinarians sponsored by the U. S. Public Health Service at Atlanta, Georgia, Aug 12-18, 1950. He discussed the subject of "Tuberculosis Eradication" at this conference. After this conference Dr. Merchant and his family attended the annual convention of the American Veterinary Medical Association at Miami, Florida, Aug. 19-24.

Dr. H. J. Ruebke obtained his M. S. degree in June, 1950. The title of his thesis was "The Bacterial Flora of the Bovine Male Genitalia." Dr. Ruebke resigned July 1, 1950, to accept a position at Texas A & M College where he has charge of veterinary bacteriology.

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Dr. G. R. Carter obtained his M. S. degree in June, 1950. The title of his thesis was "Immunizing Value of a *Pasteurella multocida* Chicken Embryo Vaccine."

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Dr. C. H. Covault, Head of the Department of Medicine, attended the National A.V.M.A. meeting Miami, Florida, Aug. 21-24. He was a member of the panel of the small animal section entitled, "Tricks of the Trade."

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Dr. George Fowler, head of the Department of Surgery and Dr. E. Hewitt of the Department of Physiology, attended the East Central Iowa Veterinary Medical Association meeting at Tipton, Iowa. Dr. Fowler presented a paper entitled "Modern Surgical Techniques."

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Dr. George Fowler and Mrs. Fowler were in Miami, Florida in Aug. where he attended the National A.V.M.A. meeting Aug. 21-24. Dr. Fowler presented a paper to the section on surgery and obstetrics, "Bovine Anesthesia." He was also a member of the panel of discussion on fertility.

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Dr. Dwight A. Smith, department of medicine, has been on sick leave since Aug. 15. Dr. Smith returned to his duties about Nov. 15.

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Dr. Smith, department of medicine, attended a meeting of the Waterloo Kennel Club in Waterloo on Nov. 8. He addressed the group on nutrition of the dog.

On Nov. 26, 1950, the A.V.M.A. Research Council, of which Dr. Emmerson, head of the Department of Obstetrics, is chairman, will meet in Chicago. At this time he will also attend the Animal Production Society meetings and the Conference of Research Workers in Animal Diseases in North America. At the conference, Dr. L. Meyer Jones of the Department of Physiology and Pharmacology, will present a paper "The Toxic and Analgesic Effects of Procaine Hydrochloride Administered Intravenously with Some Observations on Subcutaneous and Intramuscular Injections." M. S. Hofstad of the research farm staff, will present a paper "Studies on the Agent Causing a Chronic Respiratory Disease of Chickens as Originally Described by Delaplane."

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### MARRIAGES

Dr. O. Whitcomb of the Department of Surgery, to Miss Marilyn Tripp, I.S.C. '50 graduate in Applied Arts, on July '23, at Ruthven, Iowa.

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### BIRTHS

A daughter, Jeanne Louise, to Dr. and Mrs. Baker on June 5 at Mary Greeley Hospital, Ames.

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## A Tall Story

In the early 1930's a farmer in the "dust bowl" had a hundred dandy pigs for which he had been offered a cent a pound. This farmer was a thrifty, cautious fellow, and what he did he did right. In other words he was a perfectionist. He always figured that the cheaper the hogs were the more of them he needed to meet his obligations, and that they must all be cared for so that each animal showed a profit. He was a good

livestock man and gave the one dollar per hundred pigs the same treatment and care that most fellows would give their thirty dollar per hundred pigs.

This fellow had a large hog house, built up against a large corn crib, which was never allowed to go empty. This crib was full of corn. There was a flowing well close to the hog house which was piped inside to a trough. On the other end of the trough was an overflow tile which drained to the river. At the outlet of the tile the farmer had built a cement abutment and pitcherspout to prevent wash outs.

This farmer depended upon his veterinarian's judgment as to caring for his hogs. He had his entire herd vaccinated, wormed, rung and trimmed. The owner said, "They are only worth a dollar a hundred today, but someday they will be worth more," and he was right.

That year the wind began to blow, and great clouds of dust and sand whirled up into the skies and drifted around the buildings. The farmer got discouraged and left. Nobody knew where he went or what became of him. In the spring of 1947 he returned but in the meantime all his old neighbors had moved away. The contour of the land had changed so much that he was unable to recognize the location of his own farm. The newcomers knew nothing of it. One day, as he was wandering along the river, he discovered the outlet of the drain tile from his flowing well. He looked off into the direction from whence it came, and discovered a big hill. He began to dig. Following the drain tile into the hill, he dug right into the old hog house. He found his hundred hogs all there, alive and doing well. They had broken into the corn crib, and had nearly finished the corn. The farmer immediately put the hogs on the market, they averaged 2,500 pounds each and sold for \$37.50 per hundred. Of course there was some dockage, but he brought home a check for \$7,500,000.00. In relating his experience he said, "Doc, you know I was darned lucky to find those hogs just when I did. There was just enough corn left for seed this year."