

# ALUMNI NEWS



## National AVMA Convention August 15-18

In 1955, Minneapolis, Minnesota, will be the host city for the annual meeting of the American Veterinary Medical Association — and for the third time. Previous sessions held there were the Thirty-Ninth in 1902 and the Sixty-Fifth in 1928.

**Vacation Time Attractions**—“The Land of 10,000 Lakes” offers infinite vacation possibilities — fishing, boating, hiking or just plain relaxing also swimming, sun bathing and golfing.

**Vacation Resort Information**—The majority of resort areas are in the central, north-central and north-eastern parts of Minnesota. Minnesota Tourist Information, Department S, State Capitol, St. Paul 1, Minn., has pamphlets that list the vacation resort areas. Any person interested in certain sections of the state may obtain information from the secretary of one or more of the 20 area resort associations or by writing to Dr. R. Fenstermacher, University Farm, St. Paul 1, Minn., who will send a copy of the resort leaflet of the area requested.

**Auditorium Convention**—All regular convention sessions, section meetings and

exhibits will be held in the Minneapolis Auditorium.

**Housing Bureau Handles Hotel Reservations**—The Minneapolis Convention and Visitor's Bureau is operating a Housing Bureau in cooperation with the Committee on Local Arrangements. Eighteen hotels have allocated rooms for the AVMA convention. Their names, rates and locations will be found in the advertising section of the AVMA Journal each month, along with a reservation blank. Anyone not having access to the Journal can obtain a reservation form by writing to the AVMA office, 600 S. Michigan Ave., Chicago 5, Ill.

**Pre-Convention Sessions**—The usual business sessions of the AVMA Executive Board, House of Representatives and other bodies will be held at the Hotel Radisson beginning on Tuesday, August 9. The pre-convention conference this year will be devoted to the subject of “Veterinary Medical Examination and Licensure” and will be held on Sunday, August 14, at the Radisson. This conference will be attended principally by members of state boards

of veterinary medical examiners, state association secretaries, livestock sanitary officials and persons in veterinary education. All interested persons are invited to attend the conference at which the work of the National Board of Veterinary Medical Examiners will be one of the topics.

**Special Entertainment Features Are Planned**—In addition to usual functions such as Alumni Dinners, the President's Reception and Dance, the tea and the luncheon for women, the Local Committee is planning special entertainment for one of the open evenings and, of course, an interesting program for children.

**Record-breaking Attendance Expected**—Registration at Minneapolis, is certain to better the mark of 3,500 set at the Toronto session in 1953. The rather central site of the 1955 convention city and the large number of veterinarians within easy travel distance of it, plus the vacation and resort attraction of Minnesota, Wisconsin and nearby Ontario province, are factors which have led those planning the convention to predict an attendance of from 4,000 to 5,000.

An excellent pamphlet, "Minnesota Vacation Almanac" is available from the Division of Promotion, Department of Business Development, State Capitol, St. Paul 1, Minn., which contains a list of recreation and vacation resort associations from which detailed information can be obtained. Copies of this "Almanac" can be obtained by any interested person on request to the address given above.

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#### **Dr. Morgan Joins Waukon Clinic**

**Dr. Harold J. Morgan, '47**, became a new member of the Waukon Veterinary Clinic, Waukon, Iowa, as of last November. His associates at the clinic are Dr. R. O. Sander, also a 1947 graduate of Iowa State College; and Dr. John Cox.

Dr. Morgan for the past two years has been an instructor of Veterinary Anatomy at the University of Illinois while taking post graduate work. Following graduation he practiced for six years at Ruthvan, Iowa. Doctor and Mrs. Morgan have three sons, Robert, 4; John, 3; Tom, 2.

#### **DR. SPEARING WITH SMITH CLINIC**

Dr. Jack Spearing, '53, is now associated with Dr. Dwight Smith, '32, in the Smith Animal Clinic, Ames, Iowa.

Dr. Spearing was engaged in general practice near Nashville, Tennessee, where he placed major emphasis on infertility in cattle. He is taking care of the large animal practice for the clinic.

Following graduation in dairy husbandry in 1940, Dr. Spearing served as herdsman for the Pine Manor Guernsey Herd at Goshen, Ind. Later he was in charge of showing and fitting the Guernsey herd for the Curtiss Candy Company of Chicago. In addition to grand championships and blue ribbons won at the Dairy Cattle Congress in Waterloo in 1946 and 1948, he received the Art Klussendorf Trophy for the outstanding herdsman in 1948. He won the Jack Fraser Trophy for showmanship at the Royal Winter Fair, Toronto. Dr. Spearing is the author of "Fitting and Showing Dairy Cattle," a book prepared as a guide for 4-H and FFA members raising and showing dairy cattle.

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#### **DEATHS**

Dr. George M. Wormly, '20, died in an automobile accident near Moorpark, Calif. on March 28, 1955. Dr. Wormly practiced in State Center for 31 years. He moved to California in 1951.

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Dr. H. J. Nygren, '10, died at Waverly, Iowa on March 30, 1955. He practiced in Waverly until his retirement in 1950. Dr. Nygren was 74 years old.

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Dr. J. R. Macdonald, '18, died of a heart attack in Las Vegas, Nevada on March 26 at the age of 64. Dr. Macdonald practiced in Clarion following graduation. Since 1924 he had been a feed manufacturer in Fort Dodge, Iowa.

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Dr. A. C. Swanson, '13, died April 7 at Webster City, Iowa. Dr. Swanson was 67. He practiced in Webster City until his retirement in 1952.

## DR. EVANS RETIRES

Dr. George A. Evans, nationally known for his breeding of prize winning parakeets, has retired after 35 years of general practice. Following graduation in 1920 he practiced for four years at Batavia, Iowa, moving to Clarion in January of 1924. He has been active in that community ever since.

Dr. and Mrs. Evans plan to continue their mutual hobby of breeding parakeets. From the All-American Budgerigar show in Indianapolis, Indiana this past winter the Evan's line of budgies took ten trophies and eight rosettes. In Kansas City last year their parakeet won the 'Best in Show' Award. Undoubtedly the Doctor's close contact with these birds for many years has made him an authority on this newly developing phase of veterinary practice.

Dr. Evans was succeeded by another Iowa State graduate, Dr. George Gitz of Corning, Iowa. Dr. Gitz, class of '42, took over the practice in January of this year. He is married and has three daughters, ages 10, 7 and 5.

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## MARRIAGES

Miss Sharon Allensworth and **Dr. H. C. Henderson**, '52, were married on January 9, 1955, at Henderson, Iowa.

Miss Betty Zmolek and **Dr. Richard Dougherty**, '54, were married January 29, 1955, at Tama, Iowa.

Miss Kathleen Pierron and **Dr. R. C. Schuknecht**, '43, were married November 13, 1954, at Port Washington, Wis.

Miss Barbara Helen Adams and **Dr. John Carl Harmony**, '54, were married last December in St. Christopher's Catholic church in Hobe Sound, Florida. The couple are living in Fort Pierce, Florida, where Dr. Harmony is practicing veterinary medicine.

## BIRTHS

**Dr. and Mrs. H. E. Weimer**, '50, Riverside, Iowa, a son, Wayne Arthur, Nov. 9, 1954.

**Dr. and Mrs. M. R. Crane**, '52, Elk Horn, Iowa, a daughter, Jo Ellen, Oct. 31, 1954.

**Dr. and Mrs. R. O. Sander**, '47, Waukon, Iowa, a daughter, Carol Marie, Oct. 24, 1954.

**Dr. and Mrs. C. E. Vail**, '52, Hillboro, Ill., a son, Mark Allan, Feb. 25, 1955.

**Dr. and Mrs. C. Scott Dickinson**, '54, Elburn, Ill., a daughter.

**Dr. and Mrs. D. M. Griswold**, '44, Winterset, Iowa, a son, Don Scott, Oct. 16, 1954.

**Dr. and Mrs. Perry L. Collins**, '51, Rock Rapids, Iowa, a daughter, Liegh Ann, Oct. 1, 1954.

**Dr. and Mrs. Leonard Cavanaugh**, '52, Anthon, Iowa, a daughter, Coleen Marie, Feb. 18, 1955.

**Dr. and Mrs. Leonard J. Coles**, '50, Burlington, Iowa, a son, David Brooks, Feb. 1, 1955.

**Dr. and Mrs. L. L. Lemanski**, '53, Verona, Wis., a daughter, Marcia Kay, Jan. 18, 1955.

**Dr. and Mrs. R. T. Speaker**, '50, Keota, Iowa, a daughter, Jeanne Elizabeth, Jan. 15, 1955.

**Dr. and Mrs. R. G. Sheumaker**, '40, Danbury, Iowa, a daughter, Nancy Ann, Jan. 10, 1955.

**Dr. and Mrs. J. A. Downard**, '51, Greenfield, Ill., a daughter, Ellen Joan, Nov. 26, 1954.



## TWO NEW PRODUCTS

### CANINE DISTEMPER VACCINE

(Chick Embryo Origin — Modified Live Virus Vacuum Dried)

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### ADHEP \*

Infectious Hepatitis Vaccine

. . . continuing its program of presenting the best in proven biologics for the veterinary profession, Research Laboratories Inc. is proud to present two new biologics for the small animal practitioner.

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A chemically killed suspension of virus laden canine tissue adsorbed onto aluminum hydroxide.

1 cc. of Adhep intradermally confers solid immunity in less than two weeks.

Serve your clients better by reminding them that young puppies should be vaccinated as soon as possible after weaning.

**Supplied in:**

**1 cc. Single Dose Vials**  
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Full stabilized, chick embryo propagated, modified live virus. Research Laboratories Canine Distemper Vaccine is scientifically vacuum dried and sealed — your assurance of immunizing potency and safety.

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## GENERAL NEWS

**Dr. D. O. Faulkner, '53**, Tipton, Iowa, was seriously injured when his car collided with a school bus recently.

**Lt. Jack Wilson, '54**, visited the campus recently. Lt. Wilson has attended the Meat and Dairy Hygiene School in Chicago. At present he is stationed at Ft. Sill, Oklahoma, as assistant station veterinarian.

**Dr. H. E. Hedlund, '45**, is a new member of the board of the Nebraska SVMA.

The farm of **Dr. and Mrs. W. R. Collins, '31**, Bancroft, Neb., was judged one of the winners in the 1951 Sioux City Journal-Tribune and Chamber of Commerce soil conservation program.

**Dr. K. G. Onken, '46**, and his five year son, Davis, were injured when struck by a car recently.

**Dr. Warren J. Kilpatrick, '49**, recently participated in the Toronto, Canada, meeting and the meetings of the Ohio SVMS and Iowa SVMS. Dr. Kilpatrick practices in Mediapolis, Iowa.

**Dr. J. W. Hayden, '41**, is the new president-elect of the Missouri VMA.

**Dr. James Howard, '54**, Clemmons, Iowa, reported for service with the U.S. Army at Fort Sam Houston, Texas, April 3, 1955.

**Dr. James Foster, '54**, recently reported for service with the Army at Chicago, Ill.

### Dr. Betsworth To Sioux City

**Dr. G. R. Betsworth, '49**, has recently accepted a job with the Sioux City Packing Company, doing yard inspection of livestock. Dr. Betsworth has practiced at Wilton for the last two years and was practicing at Wilton, Iowa, at the time of his acceptance. Dr. Betsworth served on the Library Board while living in Wilton. Dr. and Mrs. Betsworth have three children: Connie, Rickey and Stanley.

**Army First Lt. Carl E. Jacobson, '51**, son of Mr. and Mrs. Soren M. Jacobsen, Readlyn, Iowa, recently arrived for duty with U. S. Forces in Austria.

Troops serving with USFA are part of a four power security force on duty in Austria since World War II.

### New Practices and Partnerships

**Dr. K. E. Griebe, '43**, Hutchinson, Minn., is now in practice with Dr. Norman Fredrickson.

**Dr. N. A. Dahlke, '46**, and **Dr. Robert Nelson, '54**, are now occupying a new downtown office in Waupaca, Wis.

**Dr. R. K. Fisher, '40**, and Dr. A. J. Neumann opened a new veterinary hospital at Orange City, Iowa, recently. Features of the hospital include: small animal operating room, kennel room, large animal room, dispensing room, front office and consultation room.

**Dr. D. E. Smith, '53**, has located for practice at Elizabeth, Ill.

**Dr. D. L. Fritz, '52**, is now in practice at Elmore, Minn.

**Dr. John Dunnwald, '43**, is constructing a new office building on the outskirts of Waterville, Minn.

**Dr. John L. O'Hara, '43**, announced the opening of his new practice at the San Jose Animal Hospital, San Jose, Calif.

**Dr. J. R. Mattison, '52**, formerly of Stanwood, Iowa, is now in practice at Forreston, Ill. **Dr. Kenneth Turner, '54**, has also located for practice at Forreston, Ill.

**Dr. Harry W. Johnson, '33**, is newly established in his general practice at Littleton, Colo.

**Dr. D. R. Bromwell, '49**, and **Dr. O. W. Whitcomb, '49**, have recently formed a partnership and will be located at Center Point, Iowa.

### Times Have Changed

We thought it might be interesting to our alumni if we would put together some statistics and mix it with a little history of the division. Every alum no doubt remembers well the years he spent at Iowa State and the number and names of his classmates. Here are some of the facts and figures which will allow him to compare the classes preceeding and following his own.

Since its early beginnings, the division has graduated a total of 1,804 men. This year's class will raise the total to 1,861. In its first 38 years, 359 men received degrees. From 1918 to the present time 1,502 men have graduated. The average number of graduates until 1918 was 9.45 per year and since then the average has risen to 40.6.

A look at the record discloses that the years of W.W. II had their effect on enrollment. The record year for the most graduates was 1943. Exactly 121 men received diplomas that year. There were two graduating classes: a March class of 59 graduates and a December group of 62. The classes of '44 and '45 were normal in size, but they had their graduation exercises in August.

One of the smallest graduation classes in the history of the division was that of 1948. At that time two Chinese gentlemen received their diplomas and returned to China. This was the smallest class since 1901 and was a direct result of the W.W. II draft. The classes of '46 and '47 were also small. Only 16 men graduated in '47.

The largest graduating class up to its time was the class of 1934 when 62 men received their degrees. This was at a time when classes were averaging 35-40 men. Perhaps even more peculiar is the fact that the class immediately following this large one consisted of only 14 men. This was the smallest class since 1916. The record number of 1934 graduates wasn't broken until 1949 when 65 men were graduated. The largest classes ever to graduate in one group were those of '50 and '51 when 67 men received their degrees in June exercises each of those years.

In general, the picture has been one of

a gradual increase in enrollment over the years. Since 1950 the graduating classes have averaged 63 men. However, the division is not equipped to handle more than 70 freshmen each year. Therefore, no further increase is anticipated until facilities are expanded enough to handle more students.

The first graduate degree awarded by the division was to Leonardo Palicte in 1922. He received his M.S. in Veterinary Physiology at that time. The first Ph.D. to be conferred by the division was presented to Irl D. Wilson who earned his degree in Veterinary Pathology in 1930. The division awarded its second Ph.D. to I. A. Merchant, the present Dean, in 1933. He earned his degree in Veterinary Bacteriology.

The Division of Veterinary Medicine was established at Iowa State College in 1879. This was ten years after the establishment of the College itself. The first graduating class was then in 1880. According to history, the members of this first class were given their degrees after only one year of study because "they had had considerable advanced training." The commencement program of 1880 included papers by three of the four graduates that year. George Faville presented "Fistulae", W. A. Thomas presented "Hydrogen Protoxide" and James Vincent presented "Tuberculosis." Actually, two years of study were required at that time for the degree of Doctor of Veterinary Medicine. The only entrance requirements for the prospective student were that he pass exams in "specified subjects". History does not tell us what these specified subjects were, but they probably had some relation to animal husbandry. This was apparently the only requirement until 1911 when it was decided that the prospective student should have a diploma from an approved high school. Meanwhile the length of the curriculum in Veterinary Medicine had been increasing. In 1887 it was increased to three years and in 1903 it was extended to its present length of four years.

Further requirements for admission were added in 1931. One year of college

pre-veterinary study was added. Only recently, since 1949, has the requirement for admission been increased to two years of pre-veterinary work.

According to our records, the earliest graduate who is still living is J. J. Streets Box 668, Ventura, Calif. He received his degree in 1886.

If there are any other statistics which you would be interested in, let us know. If we can find them they'll be included in our next issue.

—Keith Bates, '56

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**D**ISTURBANCES IN ACID-BASE BALANCE AND ELECTROLYTE IN CALF DIARRHEA AND THEIR TREATMENT, A REPORT OF EIGHTEEN CASES. Serum pH, bicarbonate, chloride, sodium, calcium, potassium, phosphorus, and whole blood sugar levels are determined in 18 calves with diarrhea and compared with the normal values. Some of these calves were treated with a balanced electrolyte solution given intraperitoneally.

The findings indicate that in most cases a metabolic acidosis is present, varying from moderate to severe. Concomitant with the acidosis, variations are observed in the serum chloride, sodium, calcium, and potassium levels.

The significance of these findings is discussed. It is shown that by use of a balanced electrolyte solution many of the abnormalities can be corrected. In many instances, the early use of antibiotics and chemotherapeutic agents in controlling the diarrhea prevents the electrolyte changes from becoming extreme. It is known that in diarrhea there may be changes in the intracellular electrolyte pattern and for this reason it is inadvisable to use solutions for parental injection containing only extracellular ions. Potassium in particular should be included in solutions used for this purpose.

The treatment of calf diarrhea with antibiotics and chemotherapeutic agents alone is apt to give disappointing results if the above mentioned changes are extensive. Variations from normal in acid-base balance and body electrolytes should be

anticipated and treated before the changes become irreversible. Adverse effects were not noticed following the administration of the balanced solution but overhydration is a factor that must be considered.

[McSherry, B. J., D.V.M.; Grinyer, I. Disturbances in acid-base balance and electrolyte in calf diarrhea and their treatment, a report of eighteen cases. *American Journal of Veterinary Research* 15: 535-541. (October) 1954.]

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## Homecoming Luncheon

The Annual Veterinary Medical Homecoming Luncheon will be held Saturday, Oct. 22, preceeding the Homecoming football game. Invitations will be sent the last of August and a quick response, if you wish to attend, will be appreciated. We hope you enjoyed our last reunion and are planning to attend the 1955 luncheon. As in past years you will be able to buy tickets to the Homecoming football game from our committee. We have reserved a section of the bleachers so you may enjoy yourself with your friends.—

*Leo Slife, Chairman*

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Research experiments have found urea to be very effective as a source of protein, but they have cautioned that illness or death to cattle may result if more than 115 Gm. of urea are consumed in a short time. Therefore, they recommend that not more than 25 percent of the nitrogen in feed be supplied by urea.

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Bull calves are carried by the cow an average of two days longer than heifer calves, according to geneticists at the University of Wisconsin.

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Males of the dual purpose breeds, like Plymouth Rocks and New Hampshires, are mature enough for breeding when they are seven months of age. Males of the lighter breeds, such as White Leghorns, can be used for breeders when they are six months of age.