

1965

## Faculty News

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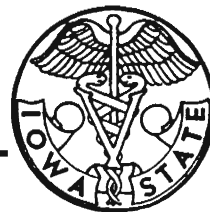
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# FACULTY NEWS

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**Dr. John S. McKibben**

Dr. John S. McKibben joined the Iowa State University Staff in September, 1964, as an instructor in gross and applied anatomy.

Dr. McKibben received both his B.S. degree in 1959, and his D.V.M. in 1963, from Purdue University. At Purdue he pursued graduate work in the field of cardiovascular anatomy.

Prior to joining the staff here, he was associated with the Massachusetts S.P.C.A., Rawley Memorial Animal Hospital, in Springfield, Massachusetts. Dr. McKibben's present research involves comparative neurocardiology.

Dr. and Mrs. McKibben and their three children live one mile south of Gilbert. Their leisure time activities include sports and gardening.



**Dr. William Buck**

Dr. William B. Buck has been appointed to the staff of the Veterinary Diagnostic Laboratory. He is employed as an associate professor in the field of veterinary toxicology. His duties include teaching both undergraduate and graduate courses in toxicology, diagnostic toxicology and veterinary toxicological research. Dr. Buck will strive to correlate research in toxicology, training of the veterinary student and field cases from veterinary practitioners in an effort to benefit all three groups.

Dr. Buck is a 1956 graduate of the University of Missouri College of Veterinary Medicine. Dr. Buck has been employed by the Agricultural Research Service since graduation. He worked two years in brucellosis and tuberculosis eradication and spent the remaining time conducting re-

search in the toxicity of numerous pesticides, toxic plants and minerals in livestock. Dr. Buck received his Master of Science Degree from Iowa State University in 1963.

Dr. and Mrs. Buck and their four children live in the Ames community. Dr. Buck spends much of his leisure time working with photography which contributes to both his work and family enjoyment.

## Faculty Activities

Dr. Robert Getty has been asked to serve as speaker on the Basic Science Faculty Seminar and to present papers on the "Multimedia Approach to Audiovisual Education" and the "Role of Interdisciplinary Teaching at the Graduate Level and in Research."

Dr. Maynard Spear presented two papers to the annual conference for veterinarians held at the College of Veterinary Medicine, Oklahoma State University, Stillwater, Oklahoma. The papers were entitled "Enteric Infection of Swine" and "Diseases of Young Pigs."

Dr. Richard F. Ross discussed "The Services Offered at the Iowa Veterinary Diagnostic Laboratory" at the Upper Iowa Veterinary Medical Association Meeting held at Mason City, Iowa.

Dr. Neal R. Cholvin presented a paper on "Thoracic Surgery in Dogs" at the Wisconsin Veterinary Medical Association Meeting held at Milwaukee, Wisconsin.

Dr. R. F. Bristol discussed "The Role of Therapy in Mastitis Control Programs" at a mastitis training session held at Madison, Wisconsin.

Dr. W. R. Klemm and T. O'Leary, senior veterinary student, were co-authors of a paper entitled "Comparison of Electrical Parameters and the Quality of Electrical Anesthesia" published in *Anesthesiology*, Vol. 25, 1964.

Dr. D. E. Tyler was invited to present a paper concerning the "Mucosal Disease—Virus Diarrhea Complex" to the Kingman Veterinary Medical Association meeting at Wichita, Kansas.

Dr. Harry W. Yoder, Jr., attended the Eighth Poultry Pathologists' Conference at Princeton, New Jersey, and discussed "Mycoplasma Associated with Turkey Sinusitis and Airsacculitis."

"Perirenal Edema and Hemorrhage in Swine" was the title of the paper Dr. Vaughn A. Seaton presented to the Mississippi Valley Veterinary Medical Association meeting held at Peoria, Illinois. Dr. Seaton also discussed "*Streptococcus*, *Staphylococcus* and *Escherichia coli* in Swine" at the meeting.

Dr. Melvin J. Swenson has been re-appointed to the research committee of the Iowa Heart Association. This appointment extends through 1968.

Dr. W. R. Klemm is the author of an article entitled "Simplified Method for Stereotopic Implantation of Electrodes in Brain," published in the *Am. J. Vet. Res.* Vol. 25, 1964.

Dr. William P. Switzer spoke on "PPLO Arthritis in Animals" at a postgraduate course in Rheumatic Diseases, at the Medical College, University of Michigan.

Dr. John R. Andersen presented a paper to the Conference of Research Workers in Animal Diseases, entitled "The Response of Young Pigs to *Escherichia coli* Endotoxin."

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### Gallamine—S. Holst

Gallamine, like curare, blocks the myoneural junction. Therefore the drug produces muscle relaxation with little effect on the central nervous system. The minimum effective dose for cats is 0.5 mg/kg and there is complete paralysis at 2 mg/kg. Wild animals have been captured successfully at doses of 0.5 to 1.5 mg/kg, IM. The only toxic effect is respiratory paralysis. The drug has definite vagolytic effects, and may be useful for gastro-intestinal surgery. The duration is short (about 30 minutes) and the onset is rapid (about 5 minutes).