



## Bellwether Magazine

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Volume 1  
Number 23 *Spring 1988*

Article 20

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4-1-1988

### Seed Grants

## Scholarships

Mark Hodgson, Class of 1988, has been admitted to the Pennsylvania Department of Agriculture's Bureau of Animal Industry veterinary training program. This Pennsylvania Department of Agriculture-University of Pennsylvania cooperative program awards a full-tuition scholarship to a senior student who will pursue special training in epidemiology and accept, immediately following graduation, a one-year appointment with the Bureau of Animal Industry. The award is made from the University's Training and Applied Research in Veterinary Epidemiology and Animal Health Economics Grant. As part of the program, Mr. Hodgson will attend a summer program in epidemiology at Tufts University, and he will work as a trainee-veterinarian with the Bureau of Animal Industry, Pennsylvania Department of Agriculture, in Harrisburg.



First Pennsylvania Department of Agriculture's Bureau of Animal Industry trainee Mark Hodgson (V'88) with (l to r) Dr. Max van Buskirk (V'56), director of the Bureau of Animal Industry; Commonwealth of Pennsylvania Secretary of Agriculture Boyd E. Wolff, Mark Hodgson, Dr. Colin E. Johnstone, associate professor of parasitology in epidemiology and health economics.

Michael Mihlfried, William Rives, and Frederick Rock, all of the Class of 1991, are the recipients of the Bob Coult Book Grant.



Westminster Kennel Foundation scholarship presentation (l to r) William Rockefeller, Janet Crawford (V'88), Mrs. Robert V. Lindsay, Margaret Ohlinger, William H. Chisholm.

The Westminster Kennel Foundation has established a fund for scholarships to be awarded to students in certain qualified veterinary schools. Janet Crawford, Class of 1988, was the recipient from the University of Pennsylvania School of Veterinary Medicine. The awards were presented for the first time at the 1988 Westminster K.C. show in February at Madison Square Garden. The scholarship students attended the Westminster K.C., and a brief awards ceremony took place during group judging on Tuesday night.



## Seed Grants

Each year a number of new research projects are funded at the School through seed grants. These small grants are designed to permit researchers to begin new projects. Funding for the seed grants comes from a number of different sources and in the case of this listing, also from the Friends of New Bolton Center. The projects are:

*Hemostatic Disorders in Horses with Acute Enterocolitis.* Investigators: Drs. Bernard and Palmer.

*Effect of an Intrauterine Dimethyl Sulfoxide (DMSO) Infusion on Subsequent In Vitro Bacterial Activity of Equine Uterine Neutrophils.* Investigators: Drs. Frazer, Watson, and Strzemienski.

*The Role of Oxygen-Derived Free Radicals in Small Intestinal Anoxia in the Horse (In Vitro).* Investigators: Drs. Johnston, D. Freeman, Acland, and Soma.

*Echocardiographic Evaluation of Cardiac Function Associated with Xylazine Administration in the Horse.* Investigators: Drs. Reef and Spencer.

*In Vitro Susceptibility Testing of Gentamicin Ophthalmic Solution When Combined with Routinely Used Ocular Medications.* Investigators: Drs. Reimer, Benson, Irby, and Perkins.

*Autologous Fibrin Glue and Its Use in Periosteal Grafting of the Equine Proximal Sesamoid Bones.* Investigators: Drs. Richardson and Dreyfuss.

*Prostaglandin Levels in the Involuting Mare.* Investigators: Drs. Sertich and Watson.

*Bronchoalveolar Lavage in the Horse: Further Description in Normal Horses and Horses with Pneumonia.* Investigators: Drs. C. Sweeney and Ziemer.

*Establishment of a Clinical Pharmacokinetic Service in the George D. Widener Hospital for Large Animals.* Investigators: Drs. R. Sweeney, J. Orsini, and Divers.

*C-Reactive Protein in Horses and Neonatal Foals.* Drs. Vaala and Johnston.

*Chronic Obstructive Pulmonary Disease in the Horse—Role of Arachidonate Metabolites.* Investigators: Drs. Watson, Pawloski, and C. Sweeney.

*Histomorphometric and Histologic Analysis of Physiologic and Pathologic Remodeling of the Equine Third Carpal Bone in Response to Race Training.* Investigators: Drs. Young, Richardson, and Nunamaker.

*Influence of Ovarian Follicular Status on Time to Estrus in Dairy Cows Treated with Prostaglandin F<sub>2</sub>alpha during Diestrus.* Investigator: Dr. Burton.

*Investigation into Maintenance of Pregnancy in the Mare.* Investigator: Dr. Watson.

Chrysann Collatos, Class of 1988, is the recipient of the Dr. Samuel F. Scheidy Memorial Scholarship, presented by the Pennsylvania Veterinary Foundation. Steven Wilson, Class of 1988, is the recipient of a scholarship offered by the Burlington County Kennel Club. The scholarship offered by the Mid-Susquehanna Kennel Club was awarded to Patrice Klein, Class of 1988. Encarnacion Arias-Karolewski, Class of 1989, and Frederick Doddy, Class of 1989, are the recipients of the Plainfield Kennel Club scholarship.

## George and Marion Dilley Jones Scholars in Reproduction

Dr. Sue M. McDonnell, Dr. Patricia Sertich, and Dr. Elaine D. Watson have been named George and Marion Dilley Jones Scholars in Reproduction. In 1983, David George Jones endowed the Marion Dilley and David George Jones Chair in Reproduction, and a candidate for the professorship will be recruited in the future. Until a candidate for the chair has been chosen, the administrators of the Jones Trust have allowed that funds from the Trust be used to support worthy junior faculty in reproductive studies. A portion of their salary and benefits will be paid from this fund.

Dr. McDonnell, a lecturer in reproduction, directs the equine behavior clinic at the Georgia and Philip Hofmann Research Center for Animal Reproduction. She has special research interests in the behavioral problems of horses and recently conducted a study on the effects of anabolic steroids on mare behavior.

Dr. Patricia Sertich (V'83), a lecturer in reproduction, is director of the equine embryo transfer service and of the Hofmann Center. Dr. Sertich's research interests include equine embryos, uterine involution, and fertility prognosis in the mare.

Dr. Elaine D. Watson joined the faculty last year as assistant professor of reproduction and director of the endocrine laboratory. Dr. Watson's research interests include uterine immune defense mechanisms, inflammation, and involvement of prostaglandins in the control of ovulation and maintenance of pregnancy in horses and cattle.

The appointments were retroactive from July 1, 1987, and continue for a term ending June 30, 1989.

## Epilepsy Research Grant

The School received a grant of \$25,000 from the Estate of Pamela Cole to support a canine epilepsy research program in the department of neurology. Ms. Cole, a long-time breeder and exhibitor of German shepherds under her family's Dornwald prefix, died last year.