Research Support
Alumni have been telling us what they want—and we've been listening! The 1986-1987 University of Pennsylvania School of Veterinary Medicine Continuing Education Program meets your needs as a practitioner. You'll find courses designed to refresh your knowledge as well as update you on new techniques that can be applied right in your own office. This year, more "hands-on" laboratory courses are available. These courses, limited to twelve veterinarians each, provide one-on-one training.

Penn is proud to announce two cooperative programs with Travonol, Inc., and Gaines Foods, Inc. This cooperation with other organizations benefits all veterinarians, and we hope you will find these courses useful.


This two-day lecture and laboratory will include: Dr. Anne Kotbera, "Meeting the needs of the perinatal equine patient; establishing an ICU and associated protocols"; Dr. Beverly Gilroy, "Anesthetic considerations in the large animal intensive care setting: (i) perinatal patient (ii) adult patient"; Dr. Jim Becht, "Fluid therapy in large animal patients"; Dr. Shauna Spurlock, "Catheter placement and maintenance in large animal patients"; Dr. Thomas Hansen, "Parenteral nutrition in the equine and bovine species"; Dr. Debra D. Morris, "Blood products: current and future technology"; Dr. Peter D. Rossdale, "A collaborative study of equine prematurity based upon a model of induced foaling"; Dr. Wilma Drummond, "Equine medicine from a different perspective: bridging the gap between human and equine neonate"; Mr. Tom Dixon, "Impact of intensive care therapies upon the equine insurance industry."

The laboratory will include: "Total parenteral nutrition in the equine; special aspects such as "catheter placement and maintenance," "Plasmapheresis in an adult horse," "Large volume fluid delivery in the horse," and "Subpalpebral catheter for corneal lesions in the horse."

The Lecture will be held at the Radisson Hotel in Wilmington, Delaware, on Tuesday, and the Laboratory will be held at New Bolton Center on Wednesday.


This course will include: Dr. D. J. Meyer, "Approach to the diagnosis of liver disease in dogs and cats"; Dr. Sharon A. Center, "Liver disease in cats"; Dr. Robert Hardy, "Chronic hepatitis in the dog: a syndrome"; Dr. Michael E. Magna, "The management of chronic hepatitis in dogs"; Dr. Stephen R. Gilbertson, "Interpreting the pathologist's interpretation of the liver biopsy."

The course will be held at The University Museum, 33rd and Spruce Streets, Philadelphia, PA.

THROUGH THE COURSE OF GAINES FOODS, THIS COURSE IS OFFERED AT NO COST TO THE VETERINARY PRACTITIONER. HOW TO ORDER AND OTHER PREPARATIONS MUST BE MADE IN ADVANCE, WE ASK YOUR COOPERATION IN RESERVING YOUR PLACE NO LATER THAN THURSDAY, SEPTEMBER 11, 1986.


This lecture laboratory course is designed to provide the equine practitioner with the basic techniques for performing ultrasound examinations of the major body systems of the horse. Speakers will include: Dr. Benson Martin, Dr. Frank Pipers, Dr. Virginia Reef, Dr. Ray Sweeney, and Dr. Cooper Williams.


This practitioner-oriented course includes a computer workshop and a discussion of a regional outbreak of a highly contagious animal disease. Topics will include: Epidemiologic methods, A herd study of intermittent and nutrition, Update on bovine growth hormone and Johne's Disease, and much more. Speakers will include: Dr. Colin Johnstone, Dr. Dan Cohen, Dr. David Galligan, Dr. William Marsh, Dr. James Ferguson, Dr. Edward Robb, Dr. Gary Smith, Dr. William Chalupa, Dr. Christine Rossiter, and Dr. Robert Eckroade.

Emergency and Critical Care, Wednesday, October 8, 1986.

This introductory course discusses the basics of emergency/critical care medicine. All discussion will be based on actual cases. Speakers will include: Dr. Rebecca Kirby, and Dr. Geraldine Kaufman.

Practical Veterinary Dental Techniques for Veterinarians and Veterinary Technicians. Thursday, November 6, 1986.

Separate all-day programs for veterinarians and veterinary technicians. Following short lecture presenta-

tions, participants will form small groups and rotate through three work stations. Speakers will include: Dr. Colin Harvey, Dr. Sandy Manfra, Dr. Deborah Sams, Ms. Roberta Trent, Ms. Marsha Venner, and Mr. Kevin Willis.


This laboratory will deal with basic principles and techniques associated with the use of intramedullary pins, pins and wires, tension hand wires, and Krishner-Ehmer Devices. Speakers will include; Dr. Charles D. Newton and Dr. Gail K. Smith.


This lecture/laboratory demonstrates practical surgical orthopaedic approaches in dogs. This course will be taught by Dr. Charles D. Newton, Professor and Chief of Small Animal Surgery.

Oncology for the Practicing Veterinarian: Diagnosis and Treatment of Common Canine and Feline Tumors. Wednesday, April 8, 1987.

Divided into two sessions, the morning presentation includes basic principles of therapeutic modalities, and the afternoon presentation includes clinical cases, illustrating the diagnostic work-up and decision-making process in applied cancer therapy. Speakers will include: Dr. Sydney M. Evans, Dr. Stuart Helfand, Dr. K. Ann Jeglum, and Dr. Gert W. Niebauer.


This lecture/laboratory will emphasize accurate diagnosis and appropriate surgical management of common disease entities of the stifle. Surgical techniques and developments in ligament replacement and augmentation devices will be discussed. This course will be taught by Dr. Gail K. Smith.


General concepts and techniques of surgical drainage will be discussed. Also included are indications and techniques of biopsy of various organs. This course will be taught Dr. Robert Orsher.


This comprehensive lecture/workshop will emphasize the principles of radiographic interpretation of the spine, skull, appendicular skeleton, and joints. Speakers will include, Dr. Darryl Biery, Dr. Sydney Evans, Dr. Mark Saunders, and Dr. Jeffrey Wortman.

Don't Forget the 1987 Penn Annual Conference: Wednesday, January 28, and Thursday, January 29, 1987. The Conference will be held at the Adam's Mark Hotel, City Line and Monument Avenue, Philadelphia, PA. Program Director, Dr. Charles Newton; Assistant Director, Dr. Thomas Divers.

For further information on all Continuing Education Programs, call the School at 215-898-4234 or 215-898-1822.

Research Support

The Department of Agriculture, Commonwealth of Pennsylvania, has approved the following research projects for continued funding at the School:

Pseudorabies Virus Infection in swine; Molecular Epidemiology and New Approaches to Analysis of Latent Infections; Effect of Degradiability of DietaryCrude Protein on Fertilization and Embryonic Quality in Dairy Cattle; Economic Data Development Analysis of Veterinary Services to Dairy Herds; Serological Identification of Swine Herds with Trichinosis by El ISA, as a Basis for Control; Shipping Fever in Pecorina Calves; Reproductive Failure in the Pig; and Cardiac Massages, said Dr. Kibe, "Further, students learn how much pressure to apply; this, too, is indicated by a light." Another feature of the mechanism is a pulse which the teacher can change, reflecting different conditions, "This really helps, and it is useful for learning and practice."

Dr. Kibe added that the Resusci-Dog has made the teaching more realistic, and different surgical situations can be demonstrated. "It is fully incorporated into our teaching plan, and we utilize the Resusci-Dog not only for teaching our third year students, but also for use in rounds in anesthesia, ICU, and Emergency Service, further, the dog is also used in the training of nurses."

In addition to the Resusci-Dog, the American Anti-Vivisection Society donated four books to the library.