



## Bellwether Magazine

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# Rosettes & Ribbons



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**Donna Oakley**, VHUP head nurse/wards and blood bank coordinator, received the 1990 Annual Humanitarian Award from the Pennsylvania Federation of Dog Clubs for her work with the out-patient VHUP Blood Donor Program.

**Sally Powell**, supervisor of nursing in VHUP emergency service, and **Nancy Shaffran**, head nurse VHUP ICU, have been invited to represent Penn's Veterinary School at the 1992 International Veterinary Emergency and Critical Care Society meeting. Chosen as "super techs," they will be among only eight people in the nation invited to participate.

**Dr. Eric Tulleners**, assistant professor of surgery, received a grant from the Grayson/Jockey Club Foundation to study idiopathic laryngeal hemiplegia (roaring). Dr. Tulleners hopes to develop a non-invasive surgical technique to treat the problem.

**Dr. Jeffrey A. Wortman**, V'69, associate professor of radiology, was elected president of the American College of Veterinary Radiology.

**Dr. Richard Squires**, lecturer in medicine, successfully defended his Ph.D. thesis, entitled "Characterization of endogenous retroviral elements in canine DNA."

**Dr. Charles D. Newton**, professor of orthopedic surgery, has been elected to the governing board of the University's Lindback Society.

The Pennsylvania Veterinary Medical Association awarded **Dr. Ernest J. Witte**, V'42, the Distinguished Veterinary Public Service Award for his service as chief, Veterinary Public Health Section and director, Division of Acute Infectious Diseases, Pennsylvania Department of Health from 1952 to 1988.

**Dr. Mary Dellafera**, V'79, has been appointed research assistant professor in laboratory animal medicine. **Dr. H. Mark Saunders**, V'81, has been appointed assistant professor of radiology. **Dr. Joy Weinstein**, V'83, has been appointed assistant professor of orthopedic surgery.

**Dr. Nishi Dhupa**, resident in emergency medicine and critical care, received the certificate in small animal cardiology (RCVS).

**Dr. David Diefenderfer**, V'81, lecturer in orthopedic surgery, received the "Warm Fuzzy Award," presented annually by the Philadelphia area veterinary associations for excellent service to referring veterinarians and their clients.

**Dr. Corinne R. Sweeney**, assistant professor of medicine, and **Dr. Joan C. Hendricks**, V'79, assistant professor of medicine, were elected to the board of the Comparative Respiratory Society.

**Dr. Stephen J. Peoples**, V'84, has been appointed adjunct assistant professor of anatomy at the School of Veterinary Medicine, Purdue University and has been recently promoted to director of Clinical and Scientific Affairs at DePuy Orthopedics, a division of Boehringer Mannheim Corporation. Dr. Peoples is collaborating with **Dr. David Van Sickle**, chairman, Department of Anatomy at the Purdue School of Veterinary Medicine, on various research projects evaluating the biocompatibility and tissue response of biomaterials for use in orthopedic implants.

**Dr. David T. Galligan**, V'81, assistant professor of animal health economics, won the 1990 LOTUS award as one of the five best user written applications of spreadsheet technology in the United States for his 1-2-3, Dairy Production Medicine Software - Nutri-

tion Module. More than 500 companies, industry analysts, consultants, and other experts were polled for their nominations of the most sophisticated and important applications of 1-2-3, and Dr. Galligan's application was voted by the editors of LOTUS as one of the winners.

**Dr. William A. Moyer**, professor of sports medicine, and **Rob Sigafoos**, farrier at New Bolton Center, made presentations at the Fifth Annual Bluegrass Laminitis Symposium, held in Louisville, KY, in January. Rob Sigafoos delivered the fifth annual Charles Heumphreus Memorial Lecture at the University of California at Davis in January.

**Dean Edwin J. Andrews**, V'67, was a panel member of the Panel of Deans at the 56th Annual Conference of the New England Veterinary Medical Association. The panel discussion topic was "Past, Present and Future of Veterinary Medicine: New Directions for the Profession."

**Dr. Gerhard A. Schad**, professor of parasitology, is co-editor with K.S. Warren, Rockefeller Foundation, of *Hookworm Disease: Current Status and New Directions*. Dr. Schad has been invited to serve on the U.S. Advisory Committee to The Kapnek-Simon Mazorodzc Institute for Biomedical Education and Research in Zimbabawe. A NATO grant for "Cloning genes for functional antigens of hookworm *Ancylostoma*" was renewed; the project is a collaborative one by Dr. Schad and Dr. David Pritchard, University of Nottingham, England.

**John Hawdon**, a graduate student in parasitology, won first prize in the Student Research Competition sponsored by the Helminthological Society of Washington. **Robert Maze**, also a graduate student in parasitology, won first prize in the competition sponsored by the New Jersey Society for Parasitology.

**Dr. David Nunamaker**, V'68, Jacques Jenny Professor of Orthopedic Surgery, presented a paper, co-authored by **Dr. Dean W. Richardson**, assistant professor of surgery, and **Dr. Simon Turner**, Colorado State University on "Plate Luting: A Technique that Improves the Fatigue Life of Compression Plate Fixation." This presentation was made at the Second Conference of the International Society for Fracture Repair and was held at the Mayo Clinic in Rochester, MN, and at Hennepin Medical Center, Minneapolis, MN



**Dr. Peter Dodson** (right) on location in Montana during his annual summer dig for dinosaurs.

**Dr. Ilene D. Arnold**, V'89, resident in avian medicine and pathology, presented a case report "An Outbreak of Psittacine Herpesvirus in Rosellas" at the Annual Conference of the Association of Avian Veterinarians in Phoenix, AZ, in September. At the 62nd Northeastern Conference on Avian Diseases at the University of Guelph, Guelph, Ontario, Dr. Arnold presented the results of the first part of her study on "*Mycoplasma gallisepticum*: Transmissibility and Pathogenicity of the Live F-strain vaccine in Chickens and Turkeys." At the same meeting, **Dr. Jeffrey Hunchar**, V'79, lecturer in avian medicine and pathology, presented the results of "A challenge study using a field isolate of Avian Pox."

**Dr. Robert Eckroade**, associate professor of poultry pathology, was a keynote speaker at the Eighth Australian Poultry and Feed Convention, in October in Gold Coast, Australia.

**Dr. Robert M. Kenney**, professor of animal reproduction, was among the first inductees into The Equine Research Hall of Fame at the University of Kentucky. Eight researchers from the United States and four from foreign countries were recognized during the December ceremonies at Keeneland near Lexington, KY.

**Dr. Peter Dodson**, associate professor of anatomy, is the editor, together with David B. Weishampel and Halszka Osmolska, of *The Dinosauria*, a new book on dinosaurs published by the University of California Press.

**Dr. Robert S. Hoge**, V'55, was named the Outstanding Practitioner for the Far West Region by the American Animal Hospital Association at the organization's meeting in October. The Regional Practitioner Award is presented to an AAHA veterinarian for contributions that have been made to veterinary medicine while in private practice.

**Dr. Ralph E. Werner**, V'68, recently became one of only 30 diplomates of the American Board of Veterinary Practitioners to be recertified. It is the only specialty board to require recertification every ten years.

**Dr. Linda M. Wood**, V'87, and **Dr. William J. Bacha, Jr.** are the authors of the *Color Atlas of Veterinary Histology*. The book, a first of its kind, was published by Lea and Febiger. Dr. Wood is a lecturer in comparative microscopic anatomy at the School, and Dr. Bacha is adjunct professor in animal biology.

**Dr. Colin E. Harvey**, professor of surgery, was installed as president of the American Veterinary Dental College in November. Dr. Harvey recently presented continuing education programs in small animal dentistry in Japan, Norway, Italy and France, as well as several locations in the USA. He also presented reports of recent research projects at the British Veterinary Dental Association meeting and the Annual Meeting of the American Veterinary Dental College.

**Dr. Wayne Riser**, emeritus professor of pathobiology, was honored by the World Small Animal Association, for his leading role in establishing the organization and for his efforts in training veterinarians in Europe and Africa in the 1940s and 1950s.

**Dr. Donald F. Patterson**, Charlotte Newton Sheppard Professor of Medicine: Chief, Section of Medical Genetics, received the Oklahoma State





Visitors at Woods Hole — University President Sheldon Hackney and Dean Edwin J. Andrews tour the Veterinary School's facility at Woods Hole with Dr. Donald A. Abt who is showing them a mollusk, an animal studied by the Penn contingent at the Marine Biological Laboratory.

University Veterinary Medicine Alumni Association Distinguished Alumni Award.

The School was well represented at the American College of Veterinary Radiology 1990 Annual Scientific Meeting. Papers were presented by Dr. Gall K. Smith, V'74, assistant professor of orthopedic surgery, Dr. Jeffrey A. Wortman, Dr. H. Mark Saunders, and Dr. Curtis G. Schelling, V'85, lecturer in radiology.

The 1990 University Research Foundation Award recipients in the School of Veterinary Medicine are: Dr. Michael Goldschmidt, professor of pathology; and Dr. Kevin Shanley, assistant professor of dermatology; Dr. Dieter M. Schifferli, assistant professor of microbiology; and Dr. Paula S. Henthorn, assistant professor of medical genetics.

The Morris Animal Foundation has funded the second phase of a three-year case/control study, examining colic risk factors. The principal investigator of phase 1 of the study was Dr. Charles R. Curtis, who died this fall of leukemia. Dr. Curtis was in large part responsible for the unique approach of computer analysis in use

for the colic risk factor study. Dr. Gary Smith, assistant professor of population biology and epidemiology, and Dr. Mathew Reeves, lecturer in epidemiology, have been named co-principle investigators. The principal investigator is Dr. M.D. Salman of Colorado State University.

The Robert H. Winn Foundation has awarded a grant to Dr. Gail K. Smith for the study of hip dysplasia in cats. Dr. Smith also received a grant from The Seeing Eye, Inc. through the Morris Animal Foundation to continue his canine hip dysplasia study.

Dr. Donald A. Abt, V'61, Robert A. Marshak Term Professor of Aquatic Animal Medicine, has been appointed adjunct professor in the Department of Environmental Studies at Tufts University School of Veterinary Medicine. Dr. Abt also was appointed to the Board of Directors of the Northeastern Regional Aquaculture Center as the Marine Biological Laboratory's representative.

Dr. W. Jean Dodds-Berman, adjunct professor of medicine, received the Gaines Fido Award in February, she was named Woman of the Year for her work as director of the Comparative Hematology Laboratory in New York.

## New Bolton Center Day at the Races

Dr. Allen Weintraub, whip - despite the weather guests enjoyed a champagne carriage drive to New Bolton Center Day at the Races at Saratoga.

The Veterinary School is fortunate to have the generous support of many friends who made possible the 1990 New Bolton Center Day at the Races. For this special occasion, all the August 10th races at the Saratoga Racecourse except the feature were named to honor outstanding horses including BANKER'S LADY, HEIGHT OF FASHION, HOIST THE FLAG, MISS HUNTINGTON, ROCKEM BACK, SMART ANGLE, WEEKEND SURPRISE and ZACCIO.

One of the guests of honor at the event was the artist, Mr. Peter Williams, who had kindly donated a painting for use on the invitation. Though rain fell on the 10th, it didn't seem to dampen interest in this lovely oil painting which also was auctioned during the luncheon to benefit the Center.

Mrs. J. Maxwell Moran chaired the Advisory Committee which successfully raised more than \$84,000 to support laser surgery research on respiratory problems and to equip the new treadmill area in the sports medicine facility at New Bolton.



## NIH Grants

The National Institutes of Health have awarded Dr. David M. Nunamaker, V'68, Jacques Jenny Professor of Orthopedic Surgery, a three-year research grant to study "Fatigue of Bone: Relationships of Exercise." This grant for approximately \$777,434 will be undertaken over a three-year time with Dr. Nunamaker as the principal investigator and Dr. Michael Provost, V'88, as a co-investigator in the project. The project is directed at a more complete understanding of fatigue failure as it occurs in bone and at the relationships that different exercise regimes have on the mechanical and geometric parameters of bone and the biological reaction of bone to those exercise programs. The researchers propose to use the horse as a spontaneous model of fatigue failure (bucked shins) to test the hypothesis that high strain exercise causes decreased stiffness of bone. This study will also reconstruct fracture injury in bone using image analysis techniques to allow for three-dimensional reconstruction on two-dimensional histologic sections.

Dr. Sue M. McDonnell, Director of the Reproductive Behavior Program, has received a five-year "Research Career Development Award," from the National Institute of Neurologic Disorders and Stroke, Division of Fundamental Neurosciences. The project is entitled "Pharmacological Manipulation of Erection and Ejaculation." Mechanisms of mammalian erection and ejaculation will be studied principally in the stallion, but also in bulls and boars.

The National Institute of Allergy and Infectious Disease has awarded a five-year grant to Dr. Jay P. Farrell, professor of parasitology and Head, laboratory of parasitology, to study the activation and regulation of T-helper subsets during immune response to cutaneous leishmaniasis. This form of leishmaniasis is caused by a protozoa parasite, *Leishmania major*. The disease is prevalent in the Middle East, Central and South America, and Asia. Affected people suffer open cutaneous ulcerating lesions, which may take many months, or even years, to resolve.

## Honors for Dr. Adrian Morrison

The American Association for the Advancement of Science presented the Scientific Freedom and Responsibility Award to Dr. Adrian Morrison, professor of anatomy and Head, laboratories of anatomy. The tribute cites Dr. Morrison for "his dedicated promotion of the responsible use of animals in research and his courageous stand in the face of great personal risk against attempts to curtail animal research essential to public health."

In November 1990 Dr. Morrison received the Distinguished Service Award of the Society for Neurosciences and the Rick Simpson Award, given in memory of the founder of the Incurably Ill for Animal Research. Dr. Morrison is the first recipient of the Mahoney Institute's newly created Director's Award, given in recognition of his dedication to neuroscience and his courageous support of the humane and ethical use of animals in biomedical research.