



## Bellwether Magazine

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# Rosettes & Ribbons: Some Recent Accomplishments of Note at the School

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**Gustavo Aguirre, V'68**, professor of medical genetics and ophthalmology, was named Scientist of the Year by the Heart Sight/Foundation Fighting Blindness, Hollywood, Fla., on September 18, 2004. He was also awarded the ONCE International Prize for Research and Development in New Technologies for the Blind, Madrid, Spain, on December 1, 2004. Dr. Aguirre gave the Memorial Lecture at a meeting of the American College of Veterinary Ophthalmologists, Washington, D.C., October 2004.

**Joan Hendricks, V'79**, Henry and Corinne R. Bower Professor of Animal Medicine, was elected to the vice presidency of the Pennsylvania Veterinary Medical Association in October. The position is effective January 1, 2005.

**Ms. Laura Florence**, farrier at New Bolton Center, was named Special Research Fellow of the Dorothy Russell Havemeyer Foundation for 2004–2006. This appointment supports ongoing research of the hoof growth

and natural trim cycle of the semi-feral equid. The goal of the study is to systematically describe equine hoof growth and wear characteristics under natural environmental and social conditions, using the semi-feral herd at New Bolton Center as one model.

**Dr. Darryl Biery**, emeritus professor of radiology, has been elected president of the International Veterinary Radiology Association.

**Dr. Bernd Dreissen**, assistant professor of anesthesia, and colleagues presented the abstract “Submucosal microcirculatory blood flow and oxygen tension in an equine large colon torsion model” at the 14th Annual Veterinary Symposium, October 2004, Denver. Dr. Dreissen; **Lawrence R. Soma, V'57**, professor of anesthesia and clinical pharmacology; **Dr. Cornelius Uboh**, adjunct assistant professor of pharmacy and pharmacology; **Dr. Jinping Luo**, post-doctorate in reproduction; **Mr. Peter Moate**, research coordinator, Section of Biostatistics; and a colleague presented the abstract “Pharmacokinetics of hemoglobin-based oxygen carrier hemoglobin glutamer-200 bovine (Oxyglobin®) in the horse” at the American

College of Veterinary Anesthesiologists Annual Meeting, Phoenix, October 2004. Dr. Dreissen; **Dr. Patrick Burns**, resident, large/small animal anesthesia; **Dr. Ray Boston**, professor of applied biomathematics; and associates presented the abstract “Pre-hospital low volume resuscitation with hemoglobin-glutamer-200 (Hb-200) in a canine hemorrhagic shock model” at the American College of Veterinary Anesthesiologists Annual Meeting, Phoenix, October 2004.

**Dr. Deborah Silverstein**, adjunct assistant professor of critical care, provided six hours of lectures at the International Veterinary Emergency and Critical Care Symposium, San Diego, September 2004, and four hours of critical-care lectures at the American College of Veterinary Surgeons Surgical Summit in Denver in October.

of the American College of Veterinary Surgeons, Denver, October 2004. He also gave a presentation and lab at the 13th European Congress of Veterinary Dentistry, Krakow, Poland, October 2004. He was awarded the EVDS/EVDC European Veterinary Dental Award (principal investigator) on October 22.

**Dr. Alan Klide**, director, Anesthesia Services, lectured at the Department of Anesthesiology, Yale School of Medicine in October. His topic to residents was “Veterinary anesthesiology: the Penn way,” and at Anesthesiology grand rounds it was “Veterinary anesthesiology: from aardvark to zebra.”

**Dr. Zhengxia Dou**, associate professor of agricultural systems, gave invited talks at the symposium “Partnering for Enhanced Research” by the Council on Food, Agricultural, and

Resource Economics, Washington, D.C., and at the 3rd International Nitrogen Conference, Nanjing, China. Dr. Dou also was recently appointed

## Rosettes & Ribbons

*some recent accomplishments of note at the School*

The American Veterinary Dental College (AVDC) Outstanding Candidate Award for 2004 was presented to **John R. Lewis, V'97**, lecturer in dentistry, at the 18th Annual Veterinary Dental Forum, Fort Worth, Texas, September/October 2004. The award recognizes a highly qualified and productive veterinarian who has passed the credentials review process and is now eligible to take the AVDC entry examination in March 2005.

Also at the 18th Annual Veterinary Dental Forum, the Academy of Veterinary Dentistry Grant Award for 2004 was presented to **Dr. Alex M. Reiter**, assistant professor of dentistry; **Dr. Jen Rawlinson**, resident in surgery; and **Dr. Colin Harvey**, professor of surgery and dentistry, for a study entitled “Assessment of associations between microalbuminuria and feline dental/periodontal disease.” Dr. Reiter and Dr. Lewis each gave four presentations during the forum; Dr. Harvey gave three; Dr. Rawlinson gave two; and **Ms. Bonnie Miller**, dental hygienist, and **Ms. Jodi Kristel**, dental technician, each gave one.

Dr. Reiter gave two presentations and one lab at the 39th Annual Scientific Meeting

adjunct professor at China Agriculture University; she gave serial talks on animal agriculture sustainability and environmental challenges at the College of Natural Resources and Environmental Sciences, Beijing, China.

**Dr. Gary C. Althouse**, associate professor and chief, Section of Reproduction, was awarded a grant as the principal investigator of the study “Effects of bacteriospermia and extender composition on extended pig semen quality” by the Pennsylvania Department of Agriculture, 2004–2006.

**Dr. Ina Dobrinski**, associate professor of reproduction, presented “Germ cell transplantation in domestic animals” at the 2004 International Young Scientist Forum on Modern Reproductive Biology & Biotechnology, the 30th Forum of Engineering and Technology, sponsored by the Chinese Academy of Engineering, Inner Mongolia University, Huhhot, Inner Mongolia, China. Dr. Dobrinski presented “Transplantation of germ cells and testis tissue” at the State Key Lab of Reproductive Biology, Institute of Zoology, Chinese Academy of Sciences, Beijing, China.

Dr. Dobrinski gave a talk, "Transplantation of germ cells and testis tissue: A window into spermatogenesis," at the Texas A&M University last year. She also presented "Advances and applications of germ cell transplantation" at the Annual Meeting of the British Andrology Society, Lincoln, U.K., November 2004.

The Provost's Staff Conference, at their October 2004 meeting, approved **Dr. Dorothy Brown's** promotion to Associate Professor of Surgery, C.E., effective July 1, 2004.

**Mr. Lawrence E. Nann**, anesthesia technician supervisor at New Bolton Center, presented a paper, "Sevoflurane anesthetized horses are likely to require less hemodynamic support than isoflurane anesthetized horses," at the fall meeting of the Association of Veterinary Anesthetists, Vienna, Austria, September 2004. The paper, accepted for publication in *Veterinary Anesthesia and Analgesia*, was coauthored by **Dr. Bernd Driessen, Ms. Robin Benton, Dr. Ray Boston**, and Mr. Nann.

**Mark Haskins, V'69**, professor of pathology, presented the keynote address at the Eighth Congress of Laboratory Animal Science in Nanchang, China: "Intravenous retroviral gene therapy in dogs and cats with mucopolysaccharidosis."

**Dr. Allison Zwingenberger**, lecturer in radiology, became a diplomate of the American College of Veterinary Radiology and the European College of Veterinary Diagnostic Imaging.

**Dr. Wilfried Mai**, assistant professor of radiology; **Rob McLearn, V'96**, adjunct professor of radiology; **Dr. Victoria Johnson**, lecturer in radiology; and **Drs. Jennifer Reetz, Ana Caceres**, and **Mathieu Spriet**, residents in radiology, attended the annual conference of the American College of Veterinary Radiology in Montreal, Canada. **Dr. Johnson** presented a paper entitled "High resolution computed tomography of the normal canine lung," and Dr. Spriet presented a poster entitled "Validation of a 40 MHz B-scan ultrasound backscatter microscope for the evaluation of osteoarthritic lesions in an animal model."

**Drs. Erin Paster**, PennHIP scholar; Darryl Biery; and **Gail Smith, V'74**, professor of surgery, and chairman, Department of Clinical Studies, Philadelphia, presented a poster entitled

"Ununited medial epicondyle: diagnostic accuracy and prevalence in a cohort of Labrador retrievers" at the annual conference of the American College of Veterinary Radiology in Montreal, Canada.

**Drs. Gabi Seiler** and **Tobias Schwarz**, assistant professors of radiology; Victoria Johnson and **Yael Porat-Mosenco**, lecturers in radiology; and **Jennifer Kinns**, resident in radiology, attended the annual conference of the European Association of Veterinary Diagnostic Imaging, Ghent, Belgium, September 2004. Dr. Porat-Mosenco presented a paper entitled "Optimizing CT scanning protocols by reducing artifacts." Dr. Kinns presented a paper entitled "MRI evaluation of penetrating lesions of the equine foot" and received a travel scholarship to attend this meeting. Dr. Schwarz was invited as keynote speaker and for didactic courses entitled "Airway computed tomography in small animals" and "Artifacts in computed tomography."

Drs. Seiler and Johnson were invited to give a two-day course in "Small animal abdominal ultrasound" at Harcum College in Bryn Mawr, Pa. in November 2004.

**Dr. Roselyn Eisenberg**, professor of pathobiology, was elected a fellow of the American Association for the Advancement of Science, Fall 2004.

Dr. Eisenberg was an invited speaker at the University of Colorado School of Medicine on September 9, 2004, and presented "Herpes simplex virus entry: opening the black box."

Dr. Eisenberg was notified in October 2004 that her Co-PI of NIH grant AI-18289 "Herpes simplex virus glycoprotein" was approved. She is also a 2004–2007 Permanent Member, Virology A Study Section, NIH.

**Dr. Charles Vite**, assistant professor of neurology, spoke in December 2004 at Neurology Grand Rounds at the Hospital of the University of Pennsylvania regarding his research on the therapy of inherited central nervous system disease in dogs and cats.

The Heart, Lung, and Blood Institute extended the funding of the RO-1 grant of **Dr. Leszek Kubin**, research professor of physiology, "Premotor control of upper airway and REM sleep atonia" for years 12–15, December 2004 through December 2008.

**Dr. Pamela A. Wilkins**, chief, Section of Critical Care/Anesthesia, assistant professor of medicine;

**Raymond W. Sweeney, V'82**, associate professor of medicine; and a colleague presented the research abstract "Acyclovir pharmacokinetics in the horse" at the Veterinary Emergency and Critical Care Society Annual Meeting, San Diego, September 2004. It was also the American College of Veterinary Emergency and Critical Care 2003 Research Award Abstract Presentation.

Dr. Wilkins; Dr. Sweeney; **Dr. Jonathan E. Palmer**, associate professor of medicine; and a colleague presented a research abstract "Measurement of endothelin-1 concentration in oxygen dependent and non-oxygen dependent clone calves, their surrogate dams and their fetal fluids, at birth" at the Veterinary Emergency and Critical Care Society Annual Meeting, San Diego, September 2004.

The research abstract of Dr. Sweeney and a colleague, "Treatment of a premature elephant calf," appeared in the Proceedings of the International Elephant Research Symposium, Dallas, December 2004.

Dr. Sweeney also presented the following papers: "Gastric and duodenal ulceration in the critical neonate," "So what now? Problems commonly seen in foals following dystocia," and "It's not over yet. The bleeding mare: Case presentations and discussion" at the International Veterinary Emergency and Critical Care Society, San Diego, September 2004; and "Treatment of a premature Asian elephant calf" at the International Elephant Research Symposium, Fort Worth, Texas, December 2004.

**Chick Weisse, V'98**, lecturer in surgery; **Dr. Daniel Hume**, lecturer in medicine; **Dr. Allyson Berent**, resident in medicine; and colleagues presented "Palliative stenting for malignant obstructions in a dog, cat, and ferret" at the 14th Annual American College of Veterinary Surgeons Veterinary Symposium, Denver, 2004.

**Dr. Philipp D. Mayhew**, lecturer in surgery; **Robert W. Richardson, V'01**; **Dr. Stephen J. Mehler**, resident in surgery; **Dr. David E. Holt**, chief, Section of Surgery, associate professor of surgery; and Dr. Weisse presented "Choledochal tube stenting for decompression of extrahepatic biliary obstruction in dogs" at the 14th Annual American College of Veterinary Surgeons Veterinary Symposium, Denver, 2004. ■