

Profiles

Summer 2004

Veterinary Medicine



Veterinarians Impact the Lives of Minnesotans Every Day

In this Issue

- Robert Washabau joins College as Veterinary Clinical Sciences Department Chair
- Campaign Underway for Equine Center
- Corporate Programs Benefit Vet Students
- Food Safety Q & A
- Alumni Scholarship Support
- Volunteers Donate Time, Energy, and More
- Emergency Services
- Gifts from the Heart



Profiles

Contents

■ Robert Washabau Joins College	3
■ Campaign Underway for Equine Center	4
■ Pumpkin Roams the Range	5
■ Corporate Programs Benefit Vet Students	6
■ Clinical Skills Course— Learning by Doing	7
■ Alumni Support Students Through Scholarships	8
■ Q & A: Food Safety	9
■ Volunteers Donate Time, Energy, and More	10
■ Emergency Services— A Critical Need	11
■ Gifts From the Heart: Hubert & Julie Thibodeau	12
■ Points of Pride Research Days	13
■ News	14
■ Industry Support for Veterinary Outreach	18
■ Contact Us	19
■ In Memory of William the Conqueror	Back Cover

From the Dean

Celebrating Philanthropy

This *Profiles* highlights the many ways individuals and corporations support our College. As state support decreases, the role of private philanthropy is becoming increasingly important in our ability to provide that extra margin of excellence in our teaching, research, and service/outreach programs.

Gifts to the College come in many forms. About 110 practitioners in the community participate in the clinical skills course, freely giving of their time to help freshman and sophomore students learn history-taking and physical examination skills. More than 326 volunteers in The Raptor Center and Veterinary Medical Center donate over 25,000 hours, an equivalent of 10 full-time staff. Fund-raising for campaigns such as the equine facility on the St. Paul Campus and the Osborne/Hills Endowed Chair would not be possible without dedicated campaign supporters.

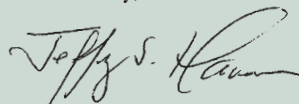
Corporations provide very generous support. Company-sponsored feeding programs provide students funds for activities. Our Transition Management Facility, used to train the next generation of dairy veterinarians, could not have been built without the generous support of many private companies. Corporations continue to fund critically needed faculty and graduate student positions and provide funds to augment research programs such as the Swine Disease Eradication Center.

Clients support many important programs. From equipment purchases and facility upgrades to endowed positions, gifts make a tremendous positive difference in our ability to improve the health of animals today and for many years into the future.

College alumni and faculty know firsthand the importance of a quality veterinary education and understand the financial crisis that many of today's students face. This College enjoys one of the highest percentages of alumni giving at the University.

As you read the stories in this issue, please join me in celebrating philanthropy—support that ultimately benefits an untold number of animals and people. Thank you for your support of this great college of veterinary medicine.

Sincerely,



Jeffrey S. Klausner, D.V.M., M.S., D.A.C.V.I.M.
Dean, College of Veterinary Medicine



Robert Washabau Joins College as Veterinary Clinical Sciences Department Chair



Robert Washabau

Robert Washabau, V.M.D., Ph.D., Dipl. ACVIM, has accepted the position of chair of the Veterinary Clinical Sciences Department and will start his leadership in September.

Washabau is currently professor of medicine in the Department of Clinical Studies at the University of Pennsylvania School of Veterinary Medicine, where he received his V.M.D. in 1982 and his Ph.D. in physiology in 1990. His curriculum vitae documents acquisition of more than \$5 million in research funding, publication of 95 refereed journal articles and scientific abstracts, 12 review papers, and more than 20 book chapters. Washabau has participated in 66 presentations and lectures and received 18 awards and honors. He also holds editorial positions on several veterinary journals, including the *Journal of the American Veterinary Medical Association*, *American Journal of Veterinary Research*, and the *Journal of Veterinary Internal Medicine*. His primary research programs are gastrointestinal motility and its disorders, gastrointestinal prokinetic therapy, feline exocrine pancreatic diseases, and mechanisms of gastrointestinal inflammation.

“I am pleased that Dr. Washabau will be joining us and I look forward to working with him in the years ahead,” says Dean Jeffrey Klausner. “We owe a big thank-you to Trevor Ames for serving as interim chair of the Veterinary Clinical Sciences Department in addition to his role as chair of the Veterinary Population Medicine Department over these past years.”

About the Veterinary Clinical Sciences Department

The Veterinary Clinical Sciences department (VCS), previously known as Small Animal Clinical Sciences, is dedicated to improving the health of companion animals and the well-being of owners by providing excellent veterinary education, delivering outstanding medical and surgical services, and generating new knowledge. It provides instruction to veterinary students, interns, residents, and graduate students in companion animal medicine, surgery, cardiology, dermatology, nutrition, integrative complementary medicine, neurology, dentistry, oncology, theriogenology, anesthesiology, ophthalmology, behavior, and radiology.

The department has 15 veterinary residents, 16 graduate students in the veterinary medicine graduate program, and 7 interns. VCS faculty members are responsible for significant portions of the clinical training program for third and fourth-year professional students and provide instruction on small animal rotations for veterinary technicians from Ridgewater College.

Treatment of referred cases, telephone consultations with practicing veterinarians, and continuing education lectures to veterinarians constitute another major responsibility of departmental faculty. In addition, faculty are actively involved in clinical and basic research and participate in the veterinary medicine and molecular veterinary biosciences graduate programs. The VCS is the home of The Raptor Center, the Comparative Surgical Laboratory, and the Urolith Center. Many faculty are also involved in research conducted in the Veterinary Clinical Investigation Center, a collegiate center managed by Bert Stromberg, associate dean of veterinary research and graduate programs.

The VCS department includes the following divisions:

- ✚ Medicine
- ✚ Emergency Medicine and Critical Care
- ✚ Specialties. This division includes specialists in cardiology, dermatology, oncology, and internal medicine.
- ✚ Comparative Anesthesiology
- ✚ Surgery
- ✚ Medical Imaging
- ✚ Ophthalmology and Neurology
- ✚ Theriogenology, Nutrition, Behavioral Health, and Community Practice

Questions and Answers about the Equine Center

- Q: Why build an Equine Center now?**
A: Expanded facilities have been needed for some time. The number of horses treated annually has grown six-fold from 500 in 1980 to more than 3,000 last year. This growth has spurred the development of equine technology to keep pace with the growing, diverse needs of horse owners and others. Nearly 30 similar equine facilities have already been built throughout the United States. In Minnesota, the equine industry continues to grow and has become an important economic and social factor. Home to nearly 500 state and local horse clubs, Minnesota has the 10th largest horse population in the United States.
- Q: What are the plans for the current large animal facilities? How will the existing large animal hospital be used?**
A: The campaign will fund new equipment and provide an updated surgical suite. Current facilities will continue to provide services to treat and care for dairy cows, cattle, llamas, alpacas, goats, and other large animals, including horses.
- Q: What is the total cost for the center?**
A: The total cost for building construction, endowments, and equipment is \$ 10 million. More than \$ 4 million has been raised to date.
- Q: When will the new facilities be built?**
A: Groundbreaking is tentatively planned for 2005.
- Q: What role is the University playing regarding this center?**
A: The University enthusiastically endorses the Equine Center on the St. Paul campus and has provided the building site.
- Q: Is this the only new building planned?**
A: The Equine Center is the first of two phases for equine facilities and services at this location. The second phase, as yet unscheduled, calls for the construction of a new, additional large-animal hospital. ☞

Campaign Underway for Equine Center

Whether you're helping a competitive jumper get back into the show ring or a newborn foal scramble to its feet for the first time, there is something particularly rewarding about working with horses.



No one knows that better than the equine faculty and staff. For decades, the College's equine experts have won national acclaim for their research, teaching, and clinical services, serving more than 3,000 horses annually. All this despite aging and limited-access facilities that have not kept pace with the large population growth of horses in Minnesota or the diverse needs of horse owners, breeders, trainers, barn and track owners, farriers, and others.

"The Equine Center is long overdue," says Dean Jeffrey Klausner. "This 50,000-square-foot, world-class facility will offer new technology and equipment, superb research and teaching, and clinical diagnosis and treatment services." The Center will feature 50 stalls, an indoor arena and lunge area with natural light, a specially designed, secure loading area, and a separate paddock area for outdoor exercise. The equine campaign will also fund an endowed chair and professorship in sports medicine.

"With the Equine Center, our top-notch equine faculty will have a first-class equine facility where they can

offer advanced services and complementary therapies and work with the best diagnostic and treatment equipment," Dean Klausner adds. Collaborations with the Medical School and the College of Agricultural, Food, and Environmental Sciences will position the Center as a nationally recognized, premier equine facility.

Giving opportunities exist at every level, and substantial gifts made by individuals or groups will be recognized in designated areas of the Center. For more information about the Equine Center, contact Dean Klausner at 612-624-6244 or Mary Ellen Kuhi, campaign consultant, at 952-470-0856. An overview of the Equine Center campaign is available on video or DVD. Print materials are also available, and information is posted on the College Web site at www.cvm.umn.edu. ☞

Pumpkin Roams the Range

“He loves his job!” Emily Boote says of Pumpkin, a 13-year-old quarter horse gelding. Together, they serve as members of



Stephanie Valberg, D.V.M., is an expert on muscular disorders in horses.

“We changed Pumpkin’s diet to include supplements that provide him proper nutrition, without added sugars,” says Stephanie Valberg, D.V.M., a world expert on muscular disorders in horses. “Many PSSM horses have wonderful personalities and they are like members of the family. It’s really satisfying to see the horses and their owners back together in a happy situation.”

Back at home with his new feeding regimen, Pumpkin was walking, then going up and down small hills. Within a few months, Pumpkin and Emily were riding again in Carver Park.

“Through our research here, we are better understanding the genetics of this disease,” Dr. Valberg explains. “We hope to be able to develop a test for PSSM in the near future,

but that will take additional research and facilities. That’s one of the reasons why a new Equine Center is so important.”



Emily Boote and Pumpkin.

the Mounted Park Patrol Volunteers in Three Rivers Park District’s Carver Park Reserve. But it wasn’t always so.

Several years ago, Pumpkin was a patient at the Veterinary Medical Center, diagnosed as having polysaccharide storage myopathy (PSSM), a muscle disease that makes horses very sensitive to the hormone insulin. Symptoms range from muscle cramping and stiffness to not being able to walk.

In Minnesota...

- ✦ According to the most recent agriculture census, Minnesota ranked 10th in horse numbers.
- ✦ Ottertail County had the most horse farms, with 307. Beltrami County had the least, with 155.
- ✦ Washington County had the highest total number of horses at 1,996. Mille Lacs County had the lowest number of horses at 875.
- ✦ Wright County had the highest valued horses, at \$ 6,251 per head.
- ✦ Total direct, indirect, and induced economic value of the horse industry is estimated at \$ 1 billion.
- ✦ Value of horses increases dramatically in metro-area counties.
- ✦ Comparative estimated horse-related expenditures averaged \$ 4,300 per head, totaling \$ 678 million per year.
- ✦ Comparative estimated horse-related income was \$ 2,000 per head, totaling \$ 312 million.
- ✦ Comparative estimated horse-related assets were \$ 37,494 per head, totaling \$ 5.8 billion.

Source: USDA, NASS, Equine Inventory, released March 2, 1999.

Corporate Programs Benefit Veterinary Students



CVM students sell discounted Science Diet and other Hill's products to faculty, staff, and students to support SCAVMA, a student veterinary organization.

At the College of Veterinary Medicine, students have benefited from corporate giving programs for many years. Corporations such as Hill's and Purina donate time, money, and resources to support veterinary students.

"Corporate-sponsored programs and donations are a win-win for both parties involved," says Laura Molgaard, D.V.M., associate dean of academic and student affairs. "Students get experience working with business and earn money for activities, while the corporations get great exposure and educate students about their products."

Currently, the University participates in a college feeding program with Hill's. Hill's provides pet food at no charge to the college. Veterinary students sell the food at a discounted price

to faculty, staff, and students. Money from the sales supports almost all of the Student Chapter of the American Veterinary Medical Association's (SCAVMA) programs and activities.

"The Minnesota Urolith Center is supported by an educational grant from Hill's," says Heather Damico, Hill's student representative. "This is a great way for the University as a whole to benefit from this corporate donation."

Purina sponsors special programs and educational opportunities for students. Each year, freshman students receive a

fully paid, daylong course in grief management, pet loss issues, and emotional intelligence by Carolyn Butler of Colorado State University's Argus Institute.

"This full-day course provides students with training in one of the most difficult areas—emotional interaction with clients," says Michelle Rider, Purina student representative.

Each corporation designates students to represent their company on campus for one to two years. During this time, the representatives assist in the management and oversight of their corporation's programs on campus. Student representatives' duties include distributing information and materials, representing the corporation at events, and communicating with the corporate representatives. As compensation for their work, students receive a stipend each semester and free pet food.

"Being a rep is one of the most fun things I have signed up for as a vet student," says Kara Nelson, Purina student representative. "I really believe in the corporation I represent and I am excited about sharing their products with students and answering their questions."

"Students get experience working with business and earn money for activities, while the corporations get great exposure and educate students about their products."

For more information on corporate programs, call the Development Office at 612-624-6744. ☒

Clinical Skills Course Includes Preceptorships, Learning By Doing

How does a veterinary student learn how to restrain an angry cat for a physical exam? To palpate a dog's abdomen to determine whether its bladder is empty or full? To recognize the sound of a heart murmur in a horse? By following step-by-step directions in a textbook? In class?

Actually, learning clinical skills like these is a little bit like learning how to ride a bike or drive a car. It doesn't hurt to read about it in a book, and it's helpful to observe someone else doing it. But the only way to really get a grasp of all the subtleties – from exactly how and where to hold the animal to just the right amount of pressure to use – is to do it yourself, and to do it many times.

The College of Veterinary Medicine's clinical skills courses are designed to introduce freshman and sophomore veterinary students to a variety of fundamental clinical skills for both large and small animal species. These skills range from taking a medical history, handling and restraint, physical examination techniques, and common clinical procedures during the freshman year to specialty exams, observation, and practice in the sophomore year.

Joining the college in developing students' clinical skills are about 110 veterinary practitioners whose special interests range from general small animal practice to exotic species such as reptiles and birds to special interests like dentistry, surgery, and behavior. These practitioners serve as preceptors for the students, who as freshmen make four visits to a practice and work directly with the practitioner. As soph-

omores, they return for two additional visits.

One of practitioners is Kathy Cleary, D.V.M., a graduate of the College's class of 1996 who is now a veterinarian at Apache Animal Hospital in Minneapolis, Minn. Jenny Wilson, class of 2006, served a preceptorship with Dr. Cleary during her freshman and sophomore years of veterinary school.

"The preceptorship gave me a chance to apply the things I'm learning in class to real-life situations," Wilson says. "For instance, one day a client came into the clinic with a dog that was suffering from nystagmus, an eye problem. This case was especially interesting for me at the time because we had just been discussing nystagmus in neurobiology class. Seeing the condition in a clinical setting had a much greater impact."

Dr. Cleary also involves her staff in providing a variety of learning experiences for students.

"She had one of the technicians bring in her dogs for me to practice on in a sort of role-playing experience, with the technician being the client and I



Student Jennifer Wilson examines a Vizsla puppy's eyes as Kathy Cleary, a veterinarian at Apache Animal Hospital, holds the dog.

being the veterinarian," Wilson recalled. "As Dr. Cleary observed, I took a history, performed exams on her dogs, and even gave the vaccinations that they required. Afterwards, both Dr. Cleary and the technician gave me helpful feedback on my performance."

"I love it," Dr. Cleary says of her experience as a preceptor. "I have fun, and it gives me an opportunity to teach what I've learned as a veterinarian. I also get to see students like Jennifer develop their skills and their confidence level. It's mostly about giving back to the profession." ♣

Alumni Support Students Through Scholarships

A scholarship or fellowship can help a veterinary student fulfill a dream – or at least provide them with some much-needed financial help in completing their veterinary education.

Faced with rising educational costs and declining government support, the College has worked hard to keep tuition increases to a minimum. Still, students' expenses can be staggering. The average indebtedness of students at the College continues to rise, mostly because of increased tuition costs – which are the result of many factors, including a reduction in Minnesota state funding. The average indebtedness of students in the class of 2003 is \$75,012.

“We all owe the College a great deal for our professional training and the opportunities that it provided us.”

These factors emphasize the need to increase the endowments that produce renewable scholarships and fellowships in order to continue attracting and retaining top veterinary medical students. Through scholarships, alumni and friends have a special opportunity to keep the tradition alive.

“We all owe the College a great deal for our professional training and the opportunities that it provided us,” says Wendell Niemann, D.V.M., class of 1957. “May the new young professionals gain as much benefit from their education as I have.”

Annual scholarships are provided through the establishment of an

endowed scholarship fund. An endowed scholarship fund may be named in recognition of the donor or in honor of persons of the donor's choice for a minimum gift of \$25,000. Endowment funds are held in perpetuity by the University of Minnesota Foundation Investment Advisors, a non-profit investment management subsidiary.

If you are interested in more information about how to establish an endowed scholarship, please contact the Development Office at 612-624-6744. If you would like to make a gift or pledge to the College of Veterinary Medicine's general scholarship fund, please contact Stephanie Pommier, development officer, at 612-624-6146. ☒

Gregg Phillips, Recipient of the Steve Ramsdell Memorial Scholarship

At the annual college awards banquet in 2002, veterinary student Gregg Phillips, class of 2004, happened to sit next to the parents of a past veterinary student, Steve Ramsdell. The Ramsdells got to talking about their son, who worked with a roofing company during the summer after his sophomore year in veterinary school – and, tragically, died from an adverse reaction to a chemical used in roofing. In memory of Steve, the Ramsdells established the *Steve Ramsdell Memorial Scholarship* at the College of Veterinary Medicine.

A year later, Greg Phillips was the recipient of the scholarship. “The award is given to a junior veterinary student chosen by his

class as someone who loves life, has a positive attitude, has significant interests outside of school, has a good sense of humor, and is an all around good guy,” Phillips says. “After hearing about Steve from his parents, I hardly seemed worthy of such an award, but was grateful to be thought of in the same way by my peers. The award went a long way toward purchasing the books, white coats, scrubs, stethoscope, pen light, and ophthalmology lenses I needed.”



Gregg Phillips, D.V.M.

Q&A



Food Safety

Will Hueston, director, and Shaun Kennedy, associate director of the Center for Animal Health and Food Safety (CAHFS) answer our questions about food-borne illness and the work of the Center. The Center was created with funding from the state legislature to promote farm-to-table food safety.

Q: *We hear about people getting sick from their food all the time, but how common is it really?*

A: The Centers for Disease Control and Prevention estimate that there are more than 76 million cases of food-borne illness a year, so your overall chances of contracting a food-borne illness could be as high as one out of four. The actual reported rates of food-borne illness are much lower than 76 million a year, as most people who get sick are not positively diagnosed, either because the person doesn't seek treatment or because there are no confirmatory tests conducted.

Q: *How sick can people get from food-borne illness?*

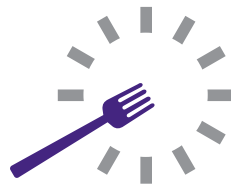
A: The estimated 76 million cases result in 325,000 hospitalizations and 5,000 deaths - so you can get very sick from food-borne illness. The more severe outcomes are among the young, the elderly, and the immuno-compromised, but even perfectly healthy people can contract a food-borne illness and end up with a very serious disease.

Q: *What exactly is food-borne illness?*

A: Simply put, food-borne illness occurs when a person ingests a contaminant with their food that subsequently makes them sick. Typically, the illness results in mild to severe gastrointestinal problems such as cramping, diarrhea, and fluid loss. In some cases, it can include bloody diarrhea, fever, and more severe internal damage. The contaminants that cause the illness can be bacterial, viral, toxic, or chemical.

Q: *How does the food get contaminated?*

A: The majority of food-borne pathogens can occur naturally in the intestinal tract of animals and humans. It



Center for Animal Health & Food Safety

UNIVERSITY OF MINNESOTA

is usually the fecal contamination of the food product or equipment that leads to the problem. This can happen on any food and at any point and can result from field workers not washing their hands before picking produce, manure contaminating beef during processing, or a consumer not washing the cutting board between chopping chicken and carrots.

Q: *What can we do to decrease the chances of getting a food-borne illness?*

A: The majority of food-borne illnesses can be avoided by proper cooking and handling. Simple things that can help reduce the risk are always washing your hands and equipment after touching raw food products; washing fruits and vegetables or other products that won't be cooked before eating; and thoroughly cooking foods. A rare hamburger may taste good, but "if it's too red, the bugs aren't dead!"

Q: *What is the Center for Animal Health and Food Safety doing about food-borne illness?*

A: At the Center we work with faculty from the College of Veterinary Medicine, other schools in the University, state and federal agencies, and industry on food safety interventions at all stages in the food system, from farm to table. This ranges from research on how to prevent food contamination, to scientific input into food safety policy, to risk communication programs for industry and consumers. We can't reduce the risk of food-borne illness to zero, but we can make it far less prevalent by advancing science and behavior. ☒



Education volunteer Beth Girard introduces a peregrine falcon to a group of children and their parents at The Raptor Center.

Beth Girard: 'I have learned so much...'

Beth Girard has been an education volunteer at The Raptor Center (TRC) for nearly three years, conducting presentations with live birds of prey. Every Thursday, she makes the 50-mile drive from her home in Cambridge, Minn., and volunteers the entire day at the Center.

"It is a long, wonderfully busy, and fulfilling day," Girard says. "The people make the drive well worth it! The vets in the clinic are always willing to answer questions and share information; the staff and volunteers are all wonderful, energetic people; and the visitors are interested and excited about what we do here. Who wouldn't want to be a part of such a dynamic and necessary organization!"

Girard says she also gets a feeling of accomplishment from meeting the public and presenting information. "I have learned so much about raptors, the environment, and people in general."

In fact, she enjoys her work so much that she has inspired other members of her family to join her as volunteers: daughter Becky as an education crew leader and daughter Jessica as a special events volunteer. Her sons and husband have also gotten involved by building stanchions and installing mosquito netting over the birds' housing.

"Family involvement and the sharing of time and talents has been a gift to all of us," she says. ☒

Volunteers donate time, energy—and more



Maggie Hill, a flight crew volunteer at The Raptor Center, exercises a red-tailed hawk in preparation for the bird's release.

At the College of Veterinary Medicine, giving comes in many forms. While some donate funds, supplies, or equipment, others contribute time, effort, and, you might even say, love. They're called volunteers, and they allow the college to provide a level of service beyond what it could do with paid staff alone.

One part of the college that is particularly dependent on volunteers is The Raptor Center (TRC). Its volunteer corps of 326 people donate about 25,000 hours a year, the equivalent of more than 10 staff people.

"It's a significant contribution, especially when you consider that we only have about 20 staff members," says Elaine Wyatt, associate director. Ten crews of volunteers help out in nearly every aspect

of the center's operation, most notably the clinic, where they help veterinary staff feed, medicate, and care for recuperating eagles, owls, hawks, and falcons, and education, where they greet the public, conduct presentations, and help staff care for about 30 resident education birds. Other volunteer crews are responsible for exercising birds in preparation for release back to the wild, helping out with special events, doing office work, and maintaining cages, travel boxes, and perches.

For more information about volunteering, contact Vivian Neiger, volunteer manager, at 612-624-3928 or neige001@umn.edu. Information is also available on the Web at www.cvm.umn.edu/vmc/Volunteers/ and www.raptor.cvm.umn.edu/volunteer/ ☒

Emergency Services — a Critical Need

Over the past year, the Veterinary Medical Center's (VMC) emergency services treated 6,032 cases. The number was up from past years because in October 2003, emergency services became available full time. The ER is now open 24 hours a day, seven days a week, 365 days a year.

"It's great to have emergency services available on a full-time basis for our clients," says Barb Klick, VMC administrator. "We experience the highest case load in April through September, so now is our busiest time of year."

The ER staff handles a variety of cases. The most common problems are vomiting, diarrhea, lethargy (aka: ADR - Ain't Doin' Right), hit by car,

bleeding disorders, and urinary difficulties (blockage and infection).

The expanded emergency service hours have brought an increase in clients and the need for more space.

"Currently, the ER is using two exam rooms for services," says Pat Berzins, patient services director. "We need to expand and renovate the emergency services area to improve wait time and efficiency."

The VMC needs to raise \$100,000 for renovation and \$25,000 for new equipment. The new space and equipment will allow staff to observe patients before admitting them to the intensive care unit (ICU), create a better workflow, increase efficiency, and allow for more privacy.



Veterinary Medical Center ER staff rush an injured patient to surgery.

For more information, or to make a donation, contact the Development Office at 612-624-6744. ☒

Pfizer Helps Cover Conference Costs

Pfizer recently donated \$4,000 to the Veterinary Medical Center to cover the costs of 28 veterinary technicians to



Jeffrey Klausner, dean, and Gene Warren, senior area veterinarian at Pfizer Animal Health.

attend the Minnesota Association of Veterinary Technicians conference. This is the third year Pfizer has made this generous contribution. The company also supports the college by providing training and development opportunities for staff

and students. ☒

Olympus Donates Much-Needed Equipment

Olympus, a healthcare equipment company, recently made a much-needed donation to the Veterinary Medical Center. With the encouragement of John Temple, regional manager for Olympus, the company donated three telescopes, two gastroscopes, one hystrofiberscope, and a printer.

"We asked Olympus for this donation in a time of need," says Marie Bodin, principal veterinary technician. "We needed new equipment and knew that Olympus would gain exposure among the staff and stu-



John Temple, Olympus regional manager; Marie Bodin, CVT; Steve O'Borsky, Olympus sales representative; Kristi Strom, CVT; and Robert Hardy, small animal division head.

dents by donating. It was a great opportunity for both groups involved." ☒

Gifts From the Heart:

An Interview with Hubert and Julie Thibodeau

The furniture in the Veterinary Medical Center's Intensive Care and Radiology waiting areas was in need of a facelift. It had been decades since it had been replaced. Thanks to a generous donation from Hubert and Julie Thibodeau, these areas now have new furniture.

Q: How did you first become aware of the College of Veterinary Medicine?

A: I (Hubert) became aware of the College of Veterinary Medicine when I started working at the University in the 1960s. I worked as an electrical engineer and I often worked on buildings and projects on the St. Paul campus. I saw what was then the Veterinary Teaching Hospital—now named the Veterinary Medical Center (VMC)—while I was working and decided to bring my dog there for care. We've been going there ever since.

Q: Tell me about your dogs.

A: We've had five dogs, and all have been cared for at the VMC. Over the years we have had one Pomeranian and two poodles. Currently, we have an 11-year-old papillon named Tiffany, a retired show dog. We adopted Tiffany over two years ago, and she has been a great addition to our family. We also



Hubert and Julie Thibodeau in their St. Paul home with Tiffany and Vixon.

have an 11-year-old Nova Scotia duck-towing retriever named Vixon. Vixon was diagnosed with squamous cell carcinoma about a year ago during a routine oral exam. The tumor was removed at that time, but the cancer returned. Prognosis is poor for Vixon, but he is still living a full life – enjoying walks and playing at the park.

Q: What inspired you to donate money for the new furniture?

A: We have been longtime Partners Program donors and we wanted

to donate to the College in a different way. We'd always noticed how old and run-down the furniture looked, so we decided to donate money toward new furniture. The VMC is a state-of-the-art facility, and the furniture didn't go with the place. We are happy to supply the College with new furniture that clients can enjoy and be comfortable on for years to come. ☒

Points of Pride Research Days Celebrate Knowledge Advancement Efforts

The College held its annual Points of Pride Research Days on March 9-10, honoring the research accomplishments of graduate students, faculty, alumni, and community partners.

“The new knowledge discovered by our students, faculty, and alumni makes a real difference to animals and humans every day,” says College Dean Jeffrey Klausner. “This was a celebration to honor the individuals who play a critical role in furthering our understanding of diseases and advancing animal and human health.”

This year’s Distinguished Research Partner Award went to R & D Systems, Inc., of Minneapolis, which has been a valued partner of the CVM for the past 15 years.

“R & D has allowed us to develop research in the area of animal cytokines and their role in health and disease,” Klausner explained. “Their support



Delmar Finco, distinguished research alumni award recipient and Dean Jeffrey Klausner.



Associate Dean Bert Stromberg, second from left, poses with poster competition winners Zhengguo Xiao, Laurie Brewer, Kari Ekenstedt, Larissa Minicucci, and Seongbeom Cho.



Monica Tseng accepted the Distinguished Research Partner Award for R & D Systems, Inc.

includes two large animal housing units and has permitted us to enhance our teaching in the area of small ruminants.”

Also presented at the 2004 Points of Pride Research Days event were –

✚ The Pfizer Research Excellence Award, which went to Jim Mickelson, professor, Veterinary and Biomedical Sciences. Mickelson’s primary research goal is to identify the molecular bases of inherited neuromuscular disorders in animals and humans.

✚ The Distinguished Research Alumni Award, which was given to Delmar Finco, D.V.M., Ph.D. (Class

of ’59), of the University of Georgia College of Veterinary Medicine. A researcher in the area of chronic renal disease, Finco presented the Points of Pride Distinguished Research Alumnus Seminar, “Forty Years of Nephrology: Have We Learned Anything?”

A poster competition also took place, with \$250 awards bestowed to graduate students Laurie Brewer, Seongbeom Cho, and Zhengguo Xiao, Summer Scholar Kari Ekenstedt, and Larissa Minicucci of the Veterinary Population Medicine Department. ✚



U of M Named USDA National Research Site to Study Johne’s and PRRS

Displaying an \$8.8 million check at the USDA grants announcement are Jeffrey Klausner, dean; Michael Murtaugh, professor; Gene Hugoson, commissioner, Minnesota Department of Agriculture; Rodney J. Brown, U.S.D.A. deputy undersecretary for research, education, and economics; Robert Bruininks, president, University of Minnesota; Deborah Powell, dean, Medical School; Vivek Kapur, professor; and U.S. Senator Norm Coleman.



College News

NEWS NEWS

Meet our Newest Faculty and Staff



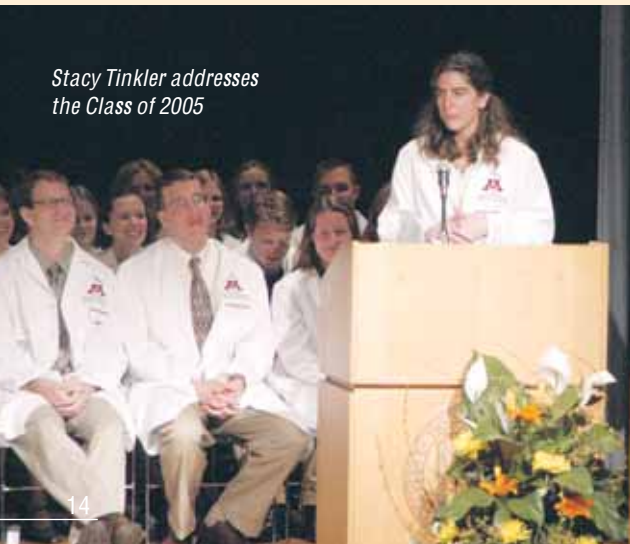
Paula Buchner
Controller
Administration



Nicole Kirchof
Assistant Professor
Veterinary
Population Medicine

White Coat Ceremony

The 77 members of the Class of 2005 were recognized at the White Coat Ceremony on March 28. The students were presented with their white coats, marking the transition to the clinical phase of their veterinary education. The event was jointly sponsored by the College and the Minnesota Veterinary Medical Association (MVMA), with additional sponsorship from Hills Pet Nutrition. Speaking at the ceremony were Dean Jeffrey Klausner, Jim Winsor, president of the MVMA, and Stacy Tinkler, representing the Class of 2005.



Stacy Tinkler addresses the Class of 2005

Thousands Attend Open House

Thousands of visitors attended the College's annual free open house on Sunday, April 4. Sponsored by the Student chapter of the American Veterinary Medical Association (SCAVMA), the open house was organized by a team of first-year veterinary students and College staff members. The event included tours of the Veterinary Medical Center and The Raptor Center; a veterinary school admission seminar and student panel; a petting zoo; animal demonstrations; and exhibits from over 50 animal and veterinary-related booths. Mark your calendars for next year – Sunday, April 3, 2005.



Visitors to the College's annual open house enjoyed the opportunity to see greyhounds and other animals up close.

78 Graduate



Kevin Fitzgerald at the 2004 graduation ceremony.

On May 8, the college's graduating Class of 2004 celebrated years of hard work at its ceremony at Northrup Auditorium. Regent Maureen Reed conferred the Doctor of Veterinary Medicine degree on 78 students and the M.S./Ph.D. degree on 12 students from the Veterinary Medicine and Molecular Veterinary Biosciences graduate programs. Dr. Kevin Fitzgerald, D.V.M., of Animal Planet's "Emergency Vets" gave the graduation address with humor and a message for the students to "be involved with your community, be a resource, and give it your all." Dean Jeffrey Klausner congratulated the class on their accomplishments.

Student speakers included Gregg Phillips and Beth Sipe, who reviewed their years at the college. Jim Winsor, the president of the Minnesota Veterinary Medical Association (MVMA), welcomed the class into the veterinary profession. Congratulations to our graduates – a job well done.

Awards Ceremony

The College's April 29 spring awards ceremony, attended by more than 350 D.V.M. students, faculty, and scholarship donors, recognized the many achievements of students and faculty. Approximately \$130,000 in scholarships were awarded. Some of the top awards included Minnesota Veterinary Medical Foundation (MVMF) awards, Caleb Dorr Academic Scholarship, Joseph E. Salsbury Outstanding Students in the Third-Year Class, and the Carl Norden Teacher of the Year. Sponsors of the event included Hills Pet Nutrition, Alumni and Friends Society, Midwest Veterinary Supply, Merial Ltd, and Schering-Plough Animal Health. Thanks to the generous support of our donors and sponsors we are thrilled to be able to celebrate these financial awards.

AVMA Auxiliary Award:
Noah Barka ('04)

Dr. Allen D. Leman Swine Medicine Award: Darin Madson ('04)

Dr. Alvin F. and Eleanor E. Weber Scholarship: Class of 2007's Julie Bryngelson, Katie Haupt, and Cynthia Panke

American Animal Hospital Association Award: Elizabeth Kirzeder ('04)

American College of Veterinary Radiology Award: Illona Edens ('04)

American College of Veterinary Surgeons Award: Maria Killos ('04) and Darin Madson ('04)

Augustus Searles Scholarship for Women: Class of 2004's Jacinda Christie, Elizabeth Kirzeder, Erica Moore, Rebecca Tollefson, Maureen Secord, Melody Enck, Allison Johnson, Kathryn Cutting, Farrah Horowitz, Amanda Harlow, Lisa McCargar, and Jamie Umber

Bil-Jac Scholarship: Dave Antenucci ('05)

Caleb Dorr Medal: Class of 2004's Jacinda Christie, Elizabeth Kirzeder, Erica Moore, and Rebecca Tollefson

Caleb Dorr Scholarship: Class of 2004's Jacinda Christie, Elizabeth Kirzeder, Erica Moore, and Rebecca Tollefson; the class of 2005's Kari Ekenstedt, Jennifer Hanson, Conni Wehausen, and Jennifer Wass; and the class of 2006's Kara Nelson, Allison Newman, and Joanne Swanson

Carl F. and John C. Schlotthauer Memorial Award: Maria Killos ('04) and Darin Madson ('04)

CENSHARE Dr. Werner & Elizabeth Simon Scholarship: Rebecca Ripple ('07)

Class of 1953 Memorial Scholarship: Shayna Gotvaslee ('05)

Class of 1955 Memorial Scholarship: Class of 2004's Keith Kinsley, Jennifer Knutson, Kristen Roffey, and Trisha Roisum

Class of 1957 Memorial Scholarship: Elaine Eggelston ('05)

Class of 1960 Memorial Scholarship: Lucas Clow ('06)

Class of 1961 Memorial Scholarship: Sarah Stone ('04)

Class of 1969 Lee McDonald Memorial Scholarship: Julie Wozniak ('04), in feline medicine

Class of 1978 Colin Krog Memorial Scholarship: Karin Lock ('04) and Carrie Finno ('04)

Class of 1986 Steve Ramsdell Memorial Scholarship: Dave Antenucci ('05)

Class of 1987 Jeffrey Lindstrom Memorial Scholarship: Donna Knevel ('04)

Student Council Awards: Beth Witte-Neuman ('04), Leslie Clapper-Rentz ('05), Jonathan Shearer ('06), and Kelly Griffin ('07)

Donna Ant Scholarships: Class of 2004's Farrah Horowitz, Renee Hostetler, Karen King, and Sara Krumweide

Emergency and Critical Care Society: Jacinda Christie ('04)

Friends of the CVM Scholarships: Class of 2004's Jodi Carlson, Jennifer Carr, Wendy Gruber, Daniel Hoffman, Malia Ireland, Ken Larson, and Rebecca Sluis

Dr. H.C.H. Kernkamp Memorial Scholarship: Gregg Phillips ('04)

Harvey Hoyt Memorial Scholarship: Noah Barka ('04)

Hill's "Buddy" Award: Erin Tripp ('04)

Dr. Richard and Glenda Huston Scholarship: Dana Beckler ('05)

IDEXX/Dr. Allan H. Hart Memorial Scholarship: Amanda Sundvhal ('04)

International Preceptorships: Class of 2005's Dana Beckler, Luther Groth, and Alexis Wongchaowart

Irvin Jorgensen Scholarship: Amanda Denison ('04) and Kara Schulz ('04)

James Ford Bell, Jr. Memorial Scholarship: Isabel Grillo-Gonzalez ('04) and Bonnie Goldthwaite ('04)

John Aldrich Memorial Scholarship: Jason Johnson ('04) and Kristy Klatt ('04)

Joseph E. Salsbury Veterinary Medical Scholarship: Class of 2005's Claudia Bowman, Sarah Crawford, Kari Ekenstedt, Kristen Groves, Brian Hansen, Kirk Mueller, Lyndsay Raygor, Michelle Rider, Brian Rose, Corrie Ruhlen, Ryan Signorelli, and Mary Jo Wagner

Maxwell the White Shadow Award: Illona Edens ('04)

Minneapolis Kennel Club Scholarships: Class of 2004's Lee Feichtinger, Bonnie Goldthwaite, Amanda Harlow, Maria Killos, Erica Moore, Erika Olson, and Rebecca Tollefson

MVMF Award: Noah Barka ('04)

MVMF Award-Ben Pomeroy: Lisa Schmidt

MVMF Award-Margaret Pomeroy: Kara Nelson ('04)

MVMF Award-Spannaus: Conni Wehausen ('05)

MVMA Award-Companion Animal: Lisa McCargar ('04)

MVMA Award-Food Animal: Jessica Hammell ('04)

MVMA Award-Public Health: Meghan Cheyne ('05)

Ned E. Olson Memorial Scholarship: Toby Sheely ('04)

Nestle Purina Leadership Scholarship: Class of 2006's Ahna Brutlag, Allison Newman, and Jonathan Shearer

Novartis Animal Health Scholarship: Katie Carlson ('06)

Pfizer Animal Health Student Scholarship: Melissa Ekholm ('05)

Pfizer Small Animal Clinical Proficiency Award: Jacinda Christie ('04)

Robert Merrill Memorial Scholarship: Jason Johnson ('04), Darin Madson ('04), Dana Beckler ('05), and Lucas Clow ('06)

Rupert Memorial Scholarship: Illona Edens ('04)

Sime Family Scholarship: Brian Daubs ('05)

Simmons Associates Educational Trust Fund: Tawnia Prior ('05)

Willmus Family Trust Scholarship: Kirk Mueller ('05)

Dr. Winton G. Evans Memorial Scholarship: Luther Groth ('05)

Faculty Awards

Small Animal Clinical Sciences-Teaching Award: Dr. Jane Quandt

Small Animal Clinical Sciences-Clinical Award: Dr. Jane Quandt

Small Animal Clinical Sciences-Resident Award: Dr. Brian Husbands

James O. Hanson Continuing Education Award: Dr. Richard Scroggin

Carl J. Norden 2002 Distinguished Teacher Award: Dr. Victor Cox

Mark of Excellence Award: Dr. Michael Murtaugh

U of M Veterinarians Care for Sled Dogs at Iditarod, Yukon Quest

Justine Lee, D.V.M., assistant clinical professor, traveled to Alaska in March to work as a trail veterinarian at the Iditarod Trail Sled Dog Race. She was one of 40 veterinarians from around the world who was responsible for safeguarding the health of approximately 85 teams of 16 sled dogs – a total of more than 1,300 animals – signed up to participate in the annual race.



Justine Lee, D.V.M., worked as a trail veterinarian at the Iditarod Trail Sled Dog Race in March.

The Iditarod Trail runs more than 1,000 miles, from Anchorage in southeastern Alaska to Nome in the far north. In addition to pre-race check-ups, each dog undergoes an exam at each of 26 checkpoints along the way.

At each checkpoint, veterinarians insure that every dog is in good condition to continue the race. Among the problems they see are sore, swollen, or injured joints, muscles, and tendons, foot pad cracks and abrasions, stress diarrhea, and dehydration. Dogs that are not running well or are experiencing problems that do not

respond to treatment are pulled from the race and flown to Anchorage for treatment if necessary. The rest of their team then continues the race without them, taking anywhere from 9 to 20 days or more to finish. Lee was on the trail for two weeks, during which she worked at several checkpoints.

Lee also worked at the 1997, 2002, and 2003 Iditarods, and always comes away with a sense of admiration for the dogs. “They’re great dogs,” she says. “Great athletes.”

Lee wasn’t the only representative of the College to work with sled dogs this past winter. In February, Gregg Phillips, a fourth-year veterinary student, worked at the Yukon Quest, a 1,000-mile race between Fairbanks, Alaska, and Whitehorse, Yukon. Part of a team of 11 veterinarians, Phillips was on the trail for 16 days, driving to some checkpoints and flying to others in bush planes.

“It was a phenomenal experience I’ll never forget,” he says. “I’m going back next year.”



Gregg Phillips, D.V.M., worked at the Yukon Quest in February.

Alumni Notes

Dale J. Kressin, D.V.M., 1983 alumnus, received veterinary dentistry and oral surgery board certification. Congratulations to Dr. Kressin for his certification into this elite group of colleagues.

Patricia Olson, D.V.M., 1970 alumna, was named executive director of the Morris Animal Foundation.

Merry C. Crimi, D.V.M., 1978 alumna, received the American Animal Hospital Association Practitioner of the Year Award at the association's 71st Annual Meeting. Given for outstanding contributions to the profession and the community, the award is the association's highest honor.

Andres Gil, Ph.D., 1993 alumnus, was a winner of a 2004 Distinguished Leadership Award for Internationals, a University of Minnesota award for those

who have distinguished themselves as leaders in their professional careers. His thesis on foot and mouth disease was credited with assisting in the eradication of the disease from Uruguay, his native country. Dr. Gil is currently head of the epidemiological unit at the Ministry of Livestock, Agriculture, and Fisheries in Montevideo, Uruguay, as well as the head of the Biostatistics and Informatics Department at the Universidad de la Republica.



Nestlé Purina Memories Garden

On May 18, the College hosted its annual brick dedication ceremony and reception for donors at the Nestlé Purina Memories Garden. People shared pictures, poems, and other special memories of their companion animals.

The Nestlé Purina Memories Garden serves as a special place to remember all animals that have touched a human life. The garden provides a private, outdoor place for pet owners and their pets.

Veterinary Medical Center clients can purchase a brick engraved with their own special inscription honoring their pet's life and the special relationship they shared. The brick is a lasting legacy in memory of their pet.



For additional information about purchasing a brick, please contact Stephanie Pommier at 612-624-6146 or pommi001@umn.edu.

Kudos

Dean Jeffrey S. Klausner received a Distinguished Alumnus Award from the University of Georgia College of Veterinary Medicine on Apr. 17.

John Collister, an assistant professor in the Veterinary and Biomedical Sciences Department, was awarded a four-year grant of \$825,000 by the National Institutes of Health (NIH) for his research, "Circumventricular Organs and Cardiovascular Regulation."

Sheri Ross, teaching assistant, will be awarded the 2004 Student American Veterinary Medical Association (SAVMA) Teaching Excellence Award in the clinical sciences category at the American Veterinary Medical Association meeting in July. This award recognizes outstanding veterinary faculty members who both educate and inspire their students. Students nominated Dr. Ross for the award.

The American Animal Hospital Association (AAHA) honored the Veterinary Medical Center for its 25-year commitment to excellence at its 71st annual meeting in Tampa, Florida, on Mar. 23.

In an annual poll, readers of the *Minnesota Women's Press* voted the Veterinary Medical Center's small animal hospital as their favorite veterinary clinic for their pet.

A gift to animals that will last forever!

A will or living trust is a statement about what matters most in your life. It ensures that your intentions are clearly understood *and will be followed* by those administering your estate. If you value the work of the College, consider leaving a gift to the College from your estate. College development staff will be glad to provide you with the appropriate language for your will or trust or develop with you a memorandum of agreement to ensure that your gift is put to work just as you dreamt it would be.

Or it can be as simple as designating the College as a beneficiary the next time you sign your employee-benefit forms. If your heirs are limited, or you feel that they have sufficient financial resources with other assets, realize your dream of providing for animals and their welfare for future generations.

We don't always think of contingency arrangements, but you may want to consider the College if the unforeseen happens and your estate requires a contingency heir. For more information, without obligation, contact Dawne Brown White, interim development director, at 612-624-6744 or whit0517@umn.edu.

Industry Support for Veterinary Outreach

Industry sponsorship of the college's continuing education programs takes many forms, but all help reduce program costs, which keep registration fees at an economical level and make learning opportunities more available.

Some sponsorships are direct dollar contributions that help offset the costs of speaker travel, wet labs, refreshment breaks, meals, and space rental. The Allen D. Lemman Swine Conference receives this kind of support year after year from AgStar, Boehringer Ingelheim Vetmedica, Danbred North America, MVP Laboratories, Novartis Animal Vaccines, PIC, PigCHAMP, and Schering Plough Animal Health. The Layer Schools and Turkey Schools receive similar support from Fort Dodge Animal Health and the Molecular BioTechnology Workshop from Affymetrix, BioRad, BD Biosciences, and Qiagen. The Mather Lecture Series has received support from Hill's Pet Nutrition and Waltham/Royal Canin.

Other sponsors make it possible for participants to gain valuable experience by providing instruments, equipment, and supplies for participants to use during hands-on wet labs. Cislak, Pfizer, and Summit Hill Labs have provided this type of support for the Dentistry Workshop Series, AccuVet Laser for the Small Animal Laser Workshop and Wet Lab. BD Biosciences, BioRad, Brinkmann Instruments, Fisher Scientific, ISC BioExpress, LabSource, Perkin Elmer-Applied Biosystems, Pharmacia Biotech, Qiagen, and Sarstedt make it possible to offer the extensive lab experiences that are part of the Molecular Biotechnology Workshop.

Other companies provide extra value to our programs by offering the opportunity for discussion and interaction in a more

relaxed atmosphere. It is important to provide time for colleagues to learn from each other, reconnect with old acquaintances, and build camaraderie with new associates. Biomune hosts a "get acquainted" reception at the Turkey and Layer

Schools; Alpharma, Elanco Animal Health, and Pfizer Animal Health host receptions at the Allen D. Lemman Swine Conference; and Monsanto Dairy Business hosts an evening social event at the Minnesota Dairy Health Conference. Many other companies support the dairy and swine conferences through participation as exhibitors in the trade show, paying fees that help underwrite some of the expenses of the conference.

Other companies have provided support that has allowed the college to develop new formats for providing information. For

example, Monsanto provided the support for developing the DairyCOMP 305 training lectures into a Web-based course, making it accessible to registrants in their homes. The support of Valley Agricultural Software also helped make this possible.

"These companies are committed to improving the veterinary profession through education and value their association with the University of Minnesota," says Jan Swanson, director, Veterinary Outreach. "We work collaboratively with many of these companies to determine their needs and structure our educational programs to enhance the skills and expertise of our program participants to meet those needs. Thanks to the sponsorships provided by our industry partners, the college is able to provide better programs and connect with more people." ❖



Carlos Pijoan, professor, gives a keynote address at the 2003 Allen D. Lemman Swine Conference, which received significant industry support.

Upcoming Events

Open to public

Family Fun Nights: Thursdays, July 8, July 15, July 22, July 29, Aug. 5, and Aug. 12, 5:30-7:30 p.m., The Raptor Center, 1920 Fitch Ave., St. Paul Campus, University of Minnesota, Free! To register, call 612-624-4745. Contact: The Raptor Center, raptor@umn.edu, www.raptor.cvm.umn.edu

Pet First Aid: August 17 from 6-10 p.m., American Red Cross will deliver first aid knowledge with a veterinarian-led behind-the-scenes tour. Contact: American Red Cross, 651-291-6704.

State Fair: August 26-September 6. Miracle of Birth Center: See baby animals born and learn what veterinarians do every day to safeguard animals' health and well-being. Free with paid admission to fair.

Fall Raptor Release: Sept. 18, 10 a.m. - 3 p.m., Gale Woods, Minnetrista, Minn. Free! Contact: The Raptor Center, 612-624-4745, raptor@umn.edu, www.raptor.cvm.umn.edu

Mini-Vet School (first of six sessions): Oct. 5. Contact: Veterinary Outreach Programs, 612-624-3434 or vop@umn.edu

Fall Fest 2004: Connecting U: Oct. 17, 8 a.m. to 5 p.m. Free event for alumni, parents, faculty, staff, students, and community members. Learn about bioscience and biotechnology, explore healthy foods and healthy lives, delve into environmental and renewable energy, view children, youth, and families initiatives, tour buildings, barns, and animal hospitals, and enjoy the Harvest Bowl breakfast. Sponsored by the College of Agricultural, Food, and Environmental Sciences, College of Biological Sciences, College of Human Ecology, College of Veterinary Medicine, and the Parents Association.

Veterinary Continuing Education

Laser Workshop: Basics, July 17; Advanced Procedures, July 18.

Molecular BioTechnology Workshop: July 19-23, University of Minnesota St. Paul Campus.

Dental Radiology Techniques and Interpretation for Veterinary Teams: July 24.

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VET MED

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Veterinary Outreach Programs

612-624-3434
www.cvm.umn.edu/outreach

Student Affairs and Admissions

612-624-4747
www.cvm.umn.edu/admissions

Development/Alumni

612-624-6744
www.cvm.umn.edu/devalumni

Epidemiological Skills for Swine Practitioners: Aug. 6-7.

Basic Dental Oral Surgery and Pain Management: Aug. 13.

Allen D. Leman Swine Conference: Sept. 18-21, RiverCentre, St. Paul, Minn.

Swine Disease Eradication Center Symposium: Sept. 19.

Epidemiological Skills for Swine Practitioners: Oct. 1-2.

To register, contact *Veterinary Outreach Programs*, 612-624-3434 or vop@umn.edu

Profiles

Credits

Volume 3 Number 3

Summer 2004

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Writers.....Mariah Carroll, Sue Kirchoff, and Jan Williams

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Production Supervisor.....Michelle Mero Riedel

Photographers.....Michelle Mero Riedel, Sue Kirchoff

 Printed on recycled paper with minimum 10% postconsumer waste.

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Designed and printed at University of Minnesota Printing Services.



College of Veterinary Medicine
University of Minnesota
1365 Gortner Avenue
St. Paul, Minnesota 55108

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In Memory of William the Conqueror

University of Minnesota law professor Judith T. Younger and her family moved to Minnesota in 1984. After Judith's husband passed away in 1988, she bought a black poodle she named William the Conqueror.

"William was an unusual dog," says Judith. "He was quite royal – like a prince."

William became ill in 2001, and Judith's veterinarian referred her to the Veterinary Medical Center for treatment. At that time he was diagnosed with old dog syndrome, a memory-related disorder that causes disorientation and decreased responsiveness. Within a week of being treated, William was back to himself again. But the following year, he was diagnosed with immune-mediated hemolytic anemia, a disease that destroys red blood cells faster than new cells can be produced. He died later that year due to complications of the disease.

"The doctors worked hard to save William," says Judith. "I was happy to know he was in the marvelous hands of the staff at the U of M. They truly loved and cared for him."



Judith T. Younger and William the Conqueror.

In memory of William the Conqueror, Judith donated \$25,000. The generous contribution provided the funds to purchase new medical equipment for the medical center. Thank you, Judith and William the Conqueror. ☒