

## Creating a Bright Future

*The Future is Bright*

Despite a down economy, the University of Wisconsin School of Veterinary Medicine continues to excel, with plans for a bright future. We continue our quest for new knowledge in health care, with discoveries that often benefit humans as well as animals. Our students are extraordinary and will make a difference in the world, whether they enter private clinical practice or pursue careers in public practice, such as public health, industry, government, or academia. I'm proud of what we've accomplished, and eagerly look forward to continued progress toward our goals.

*Daryl D. Buss, Dean*

*In the News*

- When H1N1 influenza hit the press in May 2009, Dr. Christopher Olsen's expertise was in great demand by media ranging from the *Los Angeles Times* to the *Chicago Tribune* and National Public Radio. For years, he has tracked novel strains of influenza, with the goal of trying to determine how the virus makes the leap from pigs to humans, and vice versa.
- In March 2009, the School of Veterinary Medicine received full accreditation of its DVM degree program for another seven years from the American Veterinary Medical Association. Evaluators highly commended the school for its innovation and leadership in outcomes assessment.
- In September 2008, the school dedicated a remodeled entrance to the small animal hospital, featuring a planter, garden and brick walkway. The signature piece is a sculpture, which features different facets of veterinary medicine, commissioned from artist Alexa King by donors Jack and Margo Edl.
- To encourage specialists to return to academia once their training is completed, the school appointed Dr. Lauren Trepanier to the new role of Director of Clinical Scientist Training. She will create programs to mentor residents in an effort to encourage their retention in the clinical research work that advances the profession.

**DVM Student Demographics:****Class of 2013 Statistics**

Applicant pool: 1,130  
Students enrolled: 80  
Wisconsin residents: 60  
Mean undergraduate GPA: 3.60  
Mean age: 24, with a range of 20–40

**Tuition**

\$17,180 for Wisconsin residents  
\$25,250 for non-residents  
\$112,674 average debt load at graduation

**2009 Graduates**

69 graduated with a DVM degree  
54% of DVM graduates stay in Wisconsin, higher than the 40% overall UW alumni average.

**Gender**

Student body: 318 students  
(78% women, 22% men)

*Teaching Program Overview***Curriculum Review**

The school is undertaking a review of its entire curriculum to further optimize the learning experience for students.

**Emergency and Critical Care**

The school has begun offering a clinical training rotation for DVM students in small animal emergency and critical care.

**Mentoring Program for Food Animal Interests**

The Food Animal Veterinary Medical Scholars [FAVeMedS] admissions and mentoring program targets academically talented first year undergraduate students with strong interests in food animal veterinary medical careers.

**Online Continuing Education**

Continued expansion of online courses facilitates convenient completion of continuing veterinary medicine education (CVME) courses by practicing veterinarians.

**Graduate Program**

The school's Comparative Biomedical Sciences Graduate Program is a diverse, strong MS and PhD granting program with a long record of success, dating from its origins as the Veterinary Science Graduate Program. Students average a remarkable 4–5 peer-reviewed publications per degree. One of the program's major strengths is that students are able to design a program that meets their needs. In addition, students have ample opportunities for interdisciplinary interactions.

- Since 1940: 374 PhD degrees
- Since 1943: 503 MS degrees
- 2008: 5 PhD, 5 MS degrees

## Research Support Attests to Excellence

Research funding at the School of Veterinary Medicine remains strong, a tribute to the quality of the school's research work. It is clear that private support is a critical component, with far-reaching effects. In many cases private support yields results that subsequently attract federal funding. Research in such areas as infectious diseases, orthopedic surgery, ophthalmology, cancer, and more, advances our philosophy of the "one medicine" that benefits both animal and human health.

### Research Highlights:

■ Dr. Yoshihiro Kawaoka and his associates occupied the newly-completed Institute for Influenza Viral Research in January 2009. They continue to work on understanding the influenza virus, including pathogenesis of the H1N1 swine flu virus. Through this work, they hope to develop technology with the potential to significantly improve the way influenza vaccines are manufactured.

■ Helping victims of spinal cord injury and ALS to breathe without assistance is Dr. Gordon Mitchell's top priority, and he continues to make progress in this field of research. He recently received the highest possible priority ranking for a five-year National Institutes of Health (NIH) project proposal.

■ With the goal of relieving post-surgical pain in pets, Dr. Lesley Smith has been investigating liposome-encapsulated opioids that can be given as a long-acting injection. If successful, pets could return home sooner, without the need for intravenous pain relief medication.

■ Clinical trials of novel cancer treatments that could benefit dogs and people continue to make progress. Specifically, many dogs have achieved long-lasting remission from trials investigating a novel chemotherapy agent for white blood cell cancers of (i.e., non-Hodgkin's lymphoma and multiple myeloma).

■ Food Animal Production Medicine's Dr. Nigel Cook helped develop a software program that helps dairy producers determine how to reduce lameness in their herd based on analysis of 20 farm-level risk factors. The program captures data (including hoof-trimming efficacy, free-stall design, and walking surfaces) and creates structured reports that highlight areas for improvement.

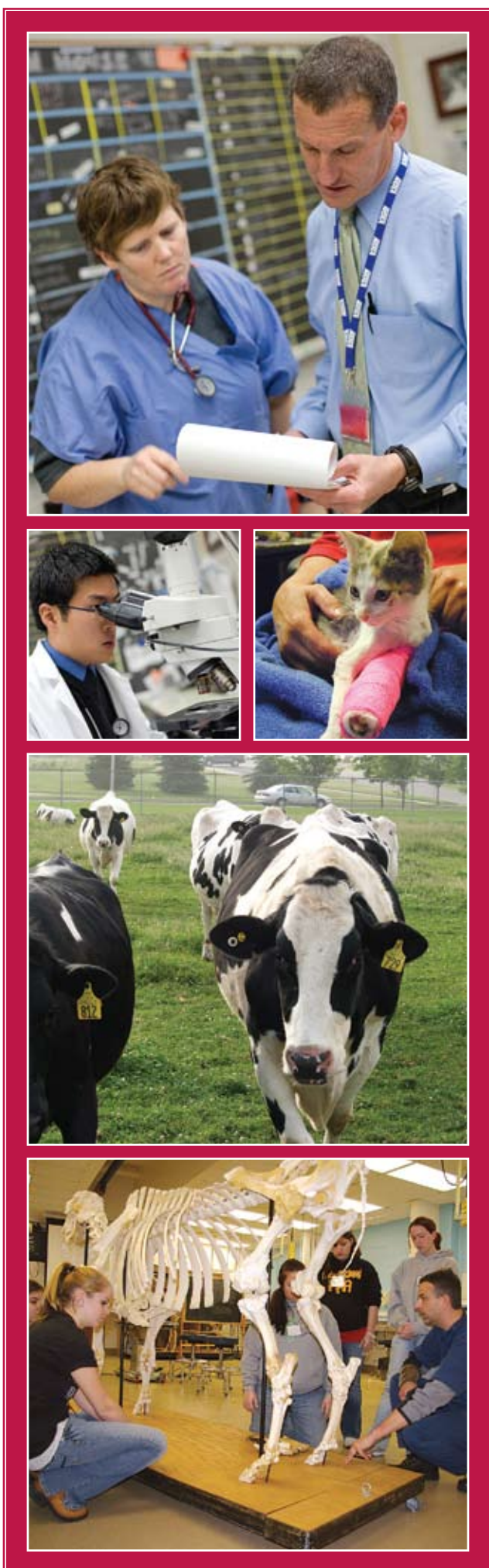
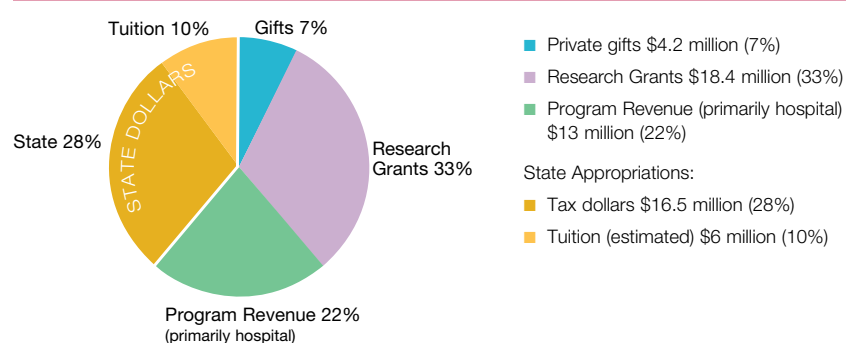
### Total Research Awards (Fiscal Year Concluding 6/30/2009)\*

Federal: \$13.9 million (was \$8.4 in 1999)  
Non-Federal: \$4.9 million (was \$3.0 in 1999)

The increase in research funding over the past decade is a tribute to the quality of research being done at the school.

\*Preliminary data

### Snapshot: The School's Revenue Sources (FY 07-08)



## Hospital Caseload Remains Strong

### Veterinary Medical Teaching Hospital Caseload

Small Animal Hospital: 18,597  
Large Animal Hospital: 1,659  
Total: 20,256

### 24/7 Emergency Service

24/7 walk-in emergency service became available to all species in October 2008 due to the addition of interns to the small animal hospital staff. Prior to this time, only large animals could be admitted without a referral.

### Remodeled Exam Rooms in Small Animal Hospital

More comfort for both clients and patients and better functionality for veterinarians during exams were the impetus for updating several examination rooms. As additional gift funding becomes available, the remaining rooms will be completed.



## Gifts Continue to Make a Difference

The School of Veterinary Medicine has enjoyed loyal and generous support from alumni and friends despite challenging economic times. In 2008-09, the school received \$5.1 million in gifts and pledges, as well as \$4 million in estate gifts.

### Highlights include:

- A \$5 million estate gift from Barbara A. Suran, received in part in 2008-09, will fund an oncology chair and support the chair's research efforts.
- Generous gifts from multiple donors allowed the school to move forward with plans for the new Cancer Treatment and Imaging Center, which will house a TomoTherapy unit. This new facility is expected to be up and running in 2010.

Private gifts are critical to our ability to respond to budget challenges and to take advantage of strategic opportunities. With continued private support, the School of Veterinary Medicine will be able to move forward with needed facility renovations, new equipment purchases, innovative research projects, and student scholarship support. Thank you!



**SCHOOL OF VETERINARY MEDICINE**  
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