



A preliminary design rendering depicts Veterinary Medicine III B—a laboratory facility that will help the school to remain a leader in furthering scientific knowledge and veterinary education in California.

## VET MED III B: ON THE DRAWING BOARD

Veterinary Medicine III B will provide state-of-the-art collaborative laboratory space and offices for 55 faculty members now housed in outdated Haring Hall. The facility will increase capacity for basic and applied research of scientists working in molecular biosciences, anatomy/physiology, cell biology, population health and reproduction, and Veterinary Medicine Extension.

Research programs in 28 disciplines will include carcinogenesis, developmental biology, epidemiology, aquatic toxicology, food safety and zoonotic diseases. The building will support 40 student-faculty research

teams as they develop new knowledge for the advancement of animal, human and environmental health, and the future of veterinary medicine.

While much of the funding for the \$95 million project will come from state, university and campus sources, the School of Veterinary Medicine must raise \$12 million in private funding toward construction costs.

To date, school officials have raised \$2.5 million and received a conditional \$5 million pledge, but need more private support to fulfill the school's expected commitment.



Don Praetler

### DEDICATION TO EDUCATION

## CLINICAL TEACHING FACILITY NAMED FOR GARY GOURLEY

The school honored one of its most influential educators last February by naming the veterinary medicine laboratory facility, opened in 2002, the Ira M. "Gary" Gourley Clinical Teaching Center.

Dr. Gourley, one of the early diplomates of the American College of Veterinary Surgeons, joined the faculty in 1968 and served with distinction for 23 years.

"The quality that defined Dr. Gourley as an educator," says Dean Bennie Osburn, "was his extraordinary dedication to surgical teaching. A demanding and effective instructor, Dr. Gourley made special efforts to involve students in surgical procedures and maximize their surgical experience."

### CLASSROOM TECHNOLOGY

## INNOVATIONS—CERE, CREST AND CLICKERS—ENHANCE TEACHING

Faculty members are mining the riches of technology to bring innovative teaching materials and methods into the school's new instructional facility, Gladys Valley Hall, and other classroom venues.

Students now use powerful laptop or "tablet" computers and wireless Internet connections. A content-management system called the Collaborative Educational and Research Environment (CERE) facilitates delivery and organization of instructional information, and includes academic chat rooms and on-line submission of assignments. The system allows easy highlighting and searchable annotation of notes. The technology enhances access to and management of a full range of materials from course notes to online study sessions—all tailored to each student's individual learning style.

A searchable database of curricular information, the Curriculum Repository and Search Tool (CREST), allows instructors to track classroom scheduling and transfer information about individual courses to CERE.

In addition to laptops, handheld electronic devices termed "clickers" enhance classroom interaction. Students can answer questions at the press of a button and provide instant feedback to instructors.

**Students in the class of 2010 bring laptops to Gladys Valley Hall for their lecture by Professor James Jones—Allometry: Effects of Body Size on Structure and Function.**



Species	PC	SD	Volume (liters)
Human	9.02	4.200	6.5
Elephant	70	5.6	1.3
Elephant	10,000	200	0.00

Which of these animals is most like the highest velocity of blood flow in the heart?  
 (Hint: Answer is the same as the animal that has the highest velocity of air flow in its trachea.)