

## **School of Medicine Profile**

### **About the School**

Ranked fourth among the nation's medical schools,<sup>1</sup> the UCSF School of Medicine earns its greatest distinction from its outstanding faculty — including at present two of UCSF's three Nobel laureates, 31 National Academy of Sciences members, 41 American Academy of Arts and Sciences members, 55 Institute of Medicine members, and 16 Howard Hughes Medical Institute investigators. The school contains 26 academic departments, 8 organized research units, and 8 interdisciplinary research centers at sites throughout San Francisco.

The UCSF School of Medicine is one of five medical schools in the University of California system, but it is the only one that — along with schools of dentistry, nursing and pharmacy — occupies a campus dedicated exclusively to the science and teaching of health care.

With an annual budget of \$965 million, the School of Medicine employs more than 10,000 faculty and staff members. Each year, the school attracts thousands of the country's most promising students to compete for 141 available spots at the undergraduate level. The school also has about 2,300 pre- and postdoctoral residents, fellows, researchers and other scientists.

### **History**

Founded in 1864 as Toland Medical College, the school became part of the University of California in 1873. In 1898, the school moved to its present Parnassus Heights campus, on land donated by San Francisco mayor Adolph Sutro. The first UC hospital opened here in 1907, growing into Moffitt-Long Hospitals and Children's Hospital. These facilities, together with Mount Zion Hospital, now comprise the UCSF Medical Center. UCSF faculty have also treated patients and trained students at San Francisco General Hospital since the school's founding 142 years ago.

### **Campus and Medical Facilities**

The UCSF School of Medicine has facilities at 11 sites throughout the city of San Francisco and in Fresno. The school is headquartered at the central Parnassus Heights campus on Parnassus Avenue, adjacent to the UCSF Medical Center. UCSF's 43-acre Mission Bay campus opened at San Francisco's southeastern waterfront in 2003.

#### **Primary sites:**

- Parnassus Heights
- Mission Bay
- Mount Zion
- Laurel Heights
- San Francisco General Hospital Medical Center
- San Francisco Veterans Affairs Medical Center
- UCSF-Fresno Medical Education Program

## **Our Fourfold Mission**

The UCSF School of Medicine strives to advance human health through a fourfold mission of medical education, biomedical research, patient care, and public service.

**Education:** UCSF's integrated medical school curriculum emphasizes faculty-led interdisciplinary clinical case studies, along with self-directed study, small group seminars and creative use of educational technology. The goal is to graduate physicians who use inquiry, innovation and discovery to advance the science and practice of medicine.

**Patient care:** Faculty and trainees see more than 1.3 million ambulatory care patients annually and provide extensive inpatient services, with nearly 1,600 licensed patient beds in the school's various facilities. The UCSF Medical Center is ranked as the top hospital in Northern California and among the top 10 nationwide.<sup>2</sup>

**Research:** The UCSF School of Medicine provides a collaborative climate, where basic science investigators work closely with clinical investigators and physicians to advance the understanding and treatment of human disease. With currently 836 grants totaling around \$380 million, the school is rated third nationally in research dollars awarded from the National Institutes of Health.<sup>3</sup> UCSF ranks first in the UC system for the number of active patents held.

**Public service:** Extending expertise to benefit the community is a long tradition in the School of Medicine. Exemplifying this tradition are the homeless clinics staffed and managed by our medical students, and the Science and Health Education Partnership, which brings resources — intellectual and material — into K-12 classrooms.

## **Milestones**

The School of Medicine has a distinguished history of groundbreaking medical and scientific discoveries, among them the development of recombinant DNA techniques in 1974 and the genetically engineered hepatitis B vaccine in 1985. The work of three UCSF scientists has been recognized by the Nobel Prizes in Medicine or Physiology, most recently in 1997 for the discovery of prions. UCSF scientists were the first to identify the cause of infant respiratory distress syndrome, and their revolutionary artificial lung surfactant (Exosurf<sup>®</sup>) reduced related infant mortality as a result by half in just two years. In addition, more than 25 years of pioneering surgery in utero has made UCSF internationally recognized as the unparalleled leader in the field of fetal diagnosis and treatment.

## **Recent Accomplishments**

2006: UCSF Institute for Regeneration Medicine launched, comprising the existing Program in Developmental and Stem Cell Biology and the Program in Craniofacial and Mesenchymal Biology.

2005: Six School of Medicine faculty elected to the Institute of Medicine, bringing the total to 55.

2004: The Institute for Human Genetics launched.

2003: Genentech Hall opens the 43-acre Mission Bay campus, one of the most advanced health sciences centers in the world, now with three research buildings and a 160,000-sq.-ft. community center.

2003: UCSF Diabetes Center designated by the NIH as one of 11 Diabetes Endocrinology Research Centers in the U.S.

2002: National Center of Excellence in Women's Health opens a dedicated 8-story Women's Health

Center.

2001: New medical school curriculum and the Academy of Medical Educators instituted, now national models for medical education and for faculty development.

1999: Cancer Center designated by the National Cancer Institute as Comprehensive Cancer Center, the first in Northern California.

1997: Nobel Prize awarded for discovery of prions.

### **Leadership**

The dean of the UCSF School of Medicine, David A. Kessler, MD, also serves as vice chancellor for Medical Affairs. Vice deans oversee the areas of Academic Affairs, Administration and Finance, Education and Research. Before coming to UCSF in 2003, Kessler was dean of the Yale School of Medicine and commissioner of the U.S. Food and Drug Administration.

### **For more information**

UCSF School of Medicine

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## **UCSF School of Medicine Fact Sheet: Overview**

### **UCSF School of Medicine Departments, Research Units, and Interdisciplinary Centers**

#### **Departments**

Anatomy  
Anesthesia and Perioperative Care  
Anthropology, History and Social Medicine  
Biochemistry and Biophysics  
Cellular and Molecular Pharmacology  
Dermatology  
Epidemiology and Biostatistics  
Family and Community Medicine  
Laboratory Medicine  
Medicine  
Microbiology and Immunology  
Neurological Surgery  
Neurology  
Obstetrics, Gynecology and Reproductive Sciences  
Ophthalmology  
Orthopaedic Surgery  
Otolaryngology  
Pathology  
Pediatrics  
Physical Therapy and Rehabilitation Science  
Physiology  
Psychiatry  
Radiation Oncology  
Radiology  
Surgery  
Urology

#### **Organized Research Units**

Cardiovascular Research Institute  
Center for Reproductive Sciences  
Comprehensive Cancer Center and Cancer Research Institute  
Diabetes Center, including Hormone Research Institute and Metabolic Research Institute  
GW Hooper Research Foundation  
Institute for Global Health  
Institute for Health Policy Studies  
Institute for Neurodegenerative Diseases

#### **Interdisciplinary Centers & Programs**

AIDS Research Institute  
Center for Health and Community

Developmental and Stem Cell Biology Program  
Institute for Human Genetics  
Osher Center for Integrative Medicine  
Sandler Asthma Basic Research Center (SABRE)  
Sandler Program for Asthma Research  
Wheeler Center for the Neurobiology of Addiction

Notes: 1. "Best Graduate Schools 2006." *U.S. News & World Report*, April 10, 2006. 2. "America's Best Hospitals 2006." *U.S. News & World Report*, July 17, 2006. 3. NIH Awards to Medical Schools by Rank, Fiscal Year 2004. National Institutes of Health.

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