

University of California, Irvine

The University of California, Irvine's Sue and Bill Gross Stem Cell Research Center is currently under construction in the heart of the school's Health Sciences complex. The facility will house both research laboratories and clinical space equipped with resources to treat patients.

"Housing researchers and clinicians under one roof will significantly hasten the development of treatments," said Hans Keirstead, PhD, co-director of the Center.

Keirstead predicted that stem cell-based treatments used to restore mobility to people with spinal cord injury will be among the advances made available through the new UCI facility. "We will be able to develop the treatment and then work with our clinician colleagues as they bring new hope to their injured patients," he said.

In addition to \$27.2 million from CIRM, funding includes a \$10 million gift from Sue J. Gross and William H. Gross. Donors Tom Yuen and Edward Thorp each gave \$1 million to the building project.



THE INVESTMENT OF \$27 MILLION FROM CIRM AND \$55 MILLION FROM DONORS AND UCI WILL ALLOW BASIC RESEARCHERS AND THEIR CLINICAL COLLEAGUES TO WORK TOGETHER TOWARD CURES.

CIRM Major Facilities

STATE FUNDS LEVERAGE PRIVATE DONATIONS

The Eli and Edythe Broad Foundation contributed a total of \$75 million to the facilities at the University of California, San Francisco, the University of California, Los Angeles, and the University of Southern California. "By creating new research centers and attracting the very best scientists from around the world, we will enable the rapid progress of one of the most promising areas of scientific and medical research today. The partnership between public institutions, the state, private foundations and donors demonstrates the unprecedented commitment California is making to stem cell research."

Lorry Lokey contributed \$75 million to the facility at Stanford University. "The important thing to me is that stem cells might not only extend life, but also improve the quality of life, as so many people suffer in their later years. But I think stem cells will have applications across the entire life span."

Ray Dolby donated \$16 million to the facility at the University of California San Francisco. "Dagmar and I are very happy to see the ongoing progress of CIRM activities and wish the project continued success."

Edward Thorp contributed to the facility at the University of California, Irvine. "Vivian and I believe that private donations like ours in support of stem cell research at UCI will have a benefit both to our community and to our country that is immeasurably greater than the amount of the gift. We expect donor support will allow continuing breakthroughs by UCI's stellar research team and that this will be leveraged by attracting many times as much in continuing state support."

The Li Ka Shing Foundation donated \$40 million to the facility at the University of California, Berkeley. "When I made a gift to support the establishment of the Li Ka Shing Center for Biomedical and Health Sciences at Berkeley, I was inspired by the passage of Prop 71 and the promise of significant advances in stem-cell research. I am pleased to partner with UC Berkeley and with CIRM to support focused efforts targeting the root causes of today's most devastating diseases and translate discoveries into new therapies."

Denny Sanford contributed \$30 million to the Sanford Consortium for Regenerative Medicine in San Diego. "I am excited to support this unique collaboration of four world class institutions. I believe that by working together these researchers will quickly bring forward novel scientific developments that ultimately help patients with limited or no treatment options today."

CIRM Major Facilities Awards leveraged \$884 million in donor and institutional funds

Institution	CIRM Award	Donor and Institutional Funds	Project Total
Stanford University	43,578,000	181,872,000	225,450,000
Sanford Consortium	43,000,000	112,202,026	163,202,026
University of California, San Francisco	34,862,400	100,552,346	135,414,740
University of California, Irvine	27,158,000	54,801,400	81,957,400
University of Southern California	26,972,500	115,637,500	142,610,000
University of California, Davis	20,082,400	78,788,188	98,870,588
University of California, Los Angeles	19,854,900	62,979,578	81,957,400
Buck Institute for Age Research	20,500,000	71,180,747	91,680,747
University of California, Berkeley	20,183,500	72,426,500	92,610,000
University of California, Santa Cruz	7,191,950	19,104,550	26,296,500
University of California, Merced	4,359,480	389,8520	8,258,000
University of California, Santa Barbara	3,205,800	10,896,600	14,102,400
	270,946,930	884,339,949	1,155,286,879

THE ANALYSIS

GROUP DID AN ASSESSMENT OF THE economic impact for the State of California of the combined CIRM/donor/institutional commitment of \$1.1 billion to build the 12 CIRM major stem cell facilities and to outfit them for faculty. Those projections for the years 2007 through 2011 suggest the investment could generate nearly \$100 million in new tax revenue and create over 13,000 job-years of employment.