



UC – A POWERFUL ENGINE FOR ECONOMIC GROWTH, NEW JOBS

Independent reports conducted for the UC system, UCLA and UC Irvine show how broadly and deeply UC contributes to California's leading industries – from biotechnology, to agriculture, to entertainment.

- UC is, if not the top employer in every region with a campus, then among the top ten.
- UC faculty and alumni have founded 1 in 4 biotech firms in California – and 85% of California biotech companies employ UC-trained scientists and engineers.
- With over 1 million UC graduates, California has one of the best-educated and best-trained workforces in the world. In past few years, UC has increased engineering and computer science enrollments by 50% to meet California's industry needs.
- UCLA researchers led pioneering work on the Internet, developed the nicotine patch, and some of the latest advances in cancer treatment and sensor technology. UCLA generates \$6 billion from the investment it receives from the State (\$9 for every \$1).
- UC Irvine is an economic engine generating an annual economic impact on Orange County of \$3 billion. The majority of UCI's 80,000 alumni live in Southern California – making a significant contribution to the area's talent-rich workforce. Through 2011, UCI will supply more than 34,000 undergraduates for science and engineering jobs.
- Systemwide, UC faculty and graduate students produce three new inventions a day.
- UC trains the state's vintners and certifies over 95% of wine grapes, providing a reliable supply of high-quality crop for California's multi-billion dollar wine industry.
- UCLA's film school is perhaps the premier public film program in the world, with such notable graduates as Francis Ford Coppola.
- In the coming decade, UC-wide research is expected to be a major source of productivity gains – adding \$5.2 billion and more than 114,000 new jobs in California.
- UC has lead all universities in the nation in the annual number of patents developed for nine years running – 431, more than the next three universities combined.
- Over 300 companies have been founded on UC technology licensing agreements.



WHAT CALIFORNIA BUSINESS LEADERS SAY ABOUT UC



HENRY SAMUELI • CO-FOUNDER & CHAIRMAN
Broadcom Corp., Irvine, CA

“Technology companies in California need highly trained, highly educated workers. The UC system is producing that talent, without which we couldn’t grow. The best students become the best faculty, which does the best research, which attracts the next generation of

best students and feeds our companies...It’s a whole ecosystem based on academic excellence.”

Samuelli co-founded semiconductor giant Broadcom, in part, on technologies developed with graduate students while he was a UCLA professor. Today, an estimated 10 percent of Broadcom’s 3,000 employees worldwide have UC degrees.



ED CATMULL • PRESIDENT
Pixar Animation Studios

“The strength of California’s economy has always been in our ability to be at the forefront of new ways of thinking and emerging fields. Whether in the application of computer graphics for filmmaking, or the next biotech breakthrough. Through its cutting edge R&D and highly-

skilled graduates, the University of California plays a major role in keeping California the kind of place that spawns the next generation of great thinkers, the best new ideas and entire industries.”

Dr. Ed Catmull is president and co-founder of Pixar Animation Studios. In 1979, Ed brought his high-technology expertise to the film industry as vice president of the computer division of Lucasfilm, Ltd. Ed has been honored with three Scientific and Technical Engineering Awards from The Academy of Motion Picture Arts and Sciences, including an Oscar®. He earned degrees in physics and computer science, and a Ph.D. in computer science.



RICHARD ZIMAN • CHAIRMAN AND CEO
Arden Realty

“California’s social and economic future will be in large part determined by the vision of world class higher education institutions like UCLA. In order to take California to the next level of innovation -- the University of California must be working in tandem with business and political leaders to plan for the state’s future.”

Ziman led Arden Realty to become the largest owner of office space in Southern California -- and in the process redefined the role of commercial property owners. The Richard S. Ziman Center for Real Estate at the UCLA Anderson School was established in 2001 to better harness UC’s teaching and expertise to meet the industry’s changing needs.



ROBERT MONDAVI • CHAIRMAN
Robert Mondavi Winery, Napa

“UC did a tremendous amount of research that was unique in the world, and we followed that religiously. I knew after 25 years we had the climate, the soil, and the potential. All we had to do was learn to make [the wine]. It really was the University that set me on the right road.”

Before Robert Mondavi secured the Napa Valley’s place as one of the world’s premium wine regions, he learned lessons from UC Davis that made much of his success possible.



MICHAEL A. MUSSALLEM • CHAIRMAN AND CEO
Edwards Lifesciences

“UC’s faculty and students work with industry to foster an environment for discovery that has helped create major breakthroughs in fields like medical technology. That focus on innovation can successfully address society’s unmet clinical needs and, in the process, transform the marketplace.”

Edwards Lifesciences is a global leader in products and technologies to treat advanced cardiovascular disease and the number-one heart valve company in the world. With more than 5,000 employees worldwide, the Irvine, California-based company sells medical products in more than 100 countries with 2004 sales of \$931 million.



STEVEN H. JOE • PRESIDENT AND CEO
D-Link North America

“A University of California based education provides the depth of knowledge and fundamental building blocks to prepare an individual for the challenges necessary to succeed in business. As a graduate from UC Irvine and as President and CEO of a leading information technology company with nearly a billion dollars in revenue, I rely on that same creativity, expertise and ingenuity from new graduates to design and deliver new ideas for tomorrow’s information technology solutions.”

D-Link was ranked by BusinessWeek as one of the top 100 information technology companies of 2002, and is a global leader in the development of connectivity and communications technologies for the digital home and the small-to medium-business markets. Steven is a graduate of the School of Information & Computer Sciences at UC Irvine.



KATHY J. ODELL • CEO
Inogen Inc., Santa Barbara

“Both the business community and the University have gotten better at recognizing the importance of working together to commercialize technology, which is helping the community by creating good jobs.”

Kathy Odell knows a good idea when she hears one: when she read the proposal of three UCSB students to create a portable oxygen concentrator to improve quality of life for patients with chronic obstructive pulmonary disease, she helped them with a business plan and was recruited to head the new company.



PLINIO GARCIA, JR. • FOUNDER AND CEO
Chef Merito

“Twenty years ago, it was almost taboo to be proud to be Hispanic. Now, we’re seeing the absorption of Hispanic people, businesses, economics, politics, and foods into the mainstream. **California is a trend-setting state**, and what happened here – which UC, by being such an influential institution, helped to place on the agenda – is now happening in the rest of the country.”

Chef Merito is a multi-million dollar company, launched when UCLA graduate Plinio Garcia, Jr., and his father began working out of their garage to create spices and seasonings for consumers of Latin American and Spanish foods.