

NEW FLAGSHIP FACILITY

Bakar BioEngineering Hub



Rendering of the Bakar BioEngineering Hub at Woo Hon Fai Hall
Credit: MBH Architects/Robert Becker

The new **Bakar BioEngineering Hub** provides a home to **Bakar Labs**, an incubator serving startups from around the world and will cultivate the innovators of tomorrow with a vibrant set of entrepreneurship programs at the intersection of the life sciences with the physical, engineering, and data sciences.

A donor-developed project, the Bakar BioEngineering Hub thoughtfully preserves Woo Hon Fai Hall, a National Register building and City of Berkeley designated landmark that was the former home of the University Art Museum and Pacific Film Archive. Featuring a transparent glass addition, the 40,000-square-foot facility of flexible lab and office space will accommodate up to 80 startup companies, so that they can develop, test, and grow their game-changing ideas. The Bakar BioEngineering Hub also offers fellowships and programming for Berkeley students and researchers, bringing campus scholars and startup founders together under one roof to transform research in the life and physical sciences into viable companies. The campus celebrated the opening of the newly renovated facility in **May 2022**.

Innovation and Entrepreneurship

UC Berkeley accelerates the translation of ideas and inventions developed by faculty, researchers, and students into products and services that benefit society.

- As of July 31, 2021, companies under IP licenses from UC Berkeley have commercialized more than **758 products**.
- The **Berkeley Research Infrastructure Commons (RIC)** program enables early stage (pre-product sales) startup companies affiliated with UC Berkeley to temporarily conduct new product R&D in faculty labs - under certain conditions and rigorous oversight.
- The university holds the **largest CRISPR-Cas9 gene-editing portfolio** in the United States with 49 US patents to date.
- A drug royalty, monetized for **\$93 million**, helps fund biological research facilities, students, faculty recruitment and retention, and new initiatives.
- **Two thirds of all biotechnology companies** in California are spin-outs from five universities, including UC Berkeley.

Tech Transfer and Licensing



UC Berkeley students showcase their capstone projects.

At UC Berkeley innovators and entrepreneurs are creating groundbreaking products, revolutionary companies, and entirely new industries. The University plays a critical role in California's economy. Last year the campus expanded the dynamic ecosystem that fosters novel approaches to research and its translation into real-world applications. As of July 2022 UC Berkeley has:

Total Active Inventions
1,532

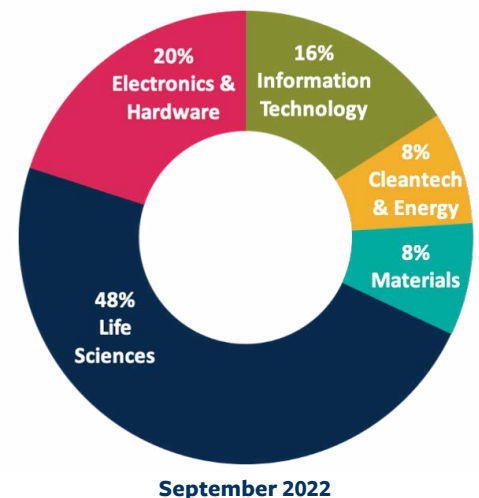
Active License Agreements
318

Active US Patents
824

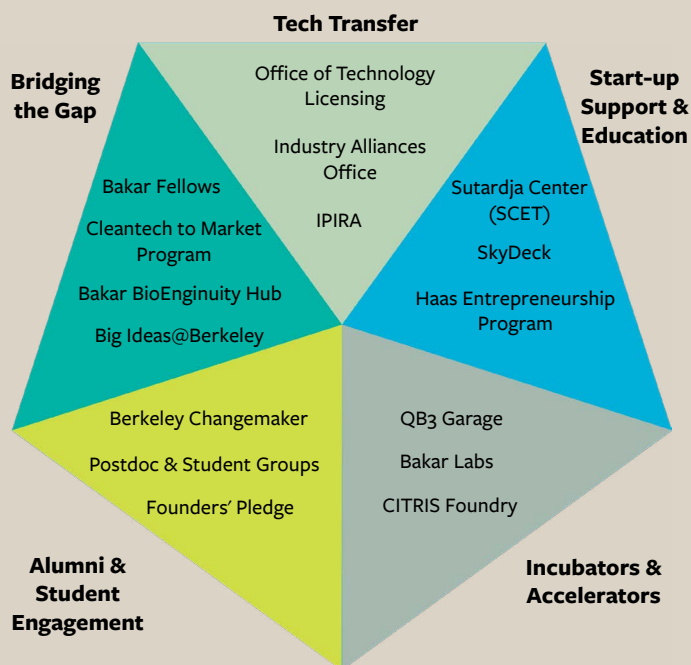
Active Foreign Patents
989

UC Berkeley Startups are Represented in Many Sectors

Over the last three decades, over **273 start-up companies** have been founded to commercialize IP rights under license from UC Berkeley.



A Vibrant Ecosystem



In 2022, UC Berkeley's [ecosystem of campus programs devoted to fostering innovation and entrepreneurship](#) among students, faculty, and researchers continued to expand. As of summer 2022 the campus accelerator **SkyDeck** had supported over 1,015 start-up teams that had raised \$1.7B. Annually SkyDeck is accelerating some 280 startups. 70 companies had completed the **CITRIS Foundry** program raising more than \$125M in external funding. In the Life Sciences, the **QB3 incubator network** counted 253 current and alumni companies that had raised a combined \$10.3 billion in venture funding.

Success with Founders' Pledge

Over 485 company founders have used the Founders' Pledge to promise philanthropic support to the campus, and have collectively given more than \$72M to Berkeley. Learn more at <http://founderspledge.berkeley.edu>.

Developing New Entrepreneurial Talent

UC Berkeley is a global leader in fostering successful entrepreneurs.

In late 2021, PitchBook ranked **UC Berkeley as the top public university for startup founders** and second among both private and public universities.

According to Pitch Book, since 2006, Berkeley has cultivated over 1,500 founders and 1,383 companies that raised **\$49 billion in capital**.

In 2021, **PitchBook** ranked the top 50 universities that produced VC-backed entrepreneurs on a global basis and UC Berkeley came in **second** among all universities.

In 2022, a **CrunchBase** survey ranked UC Berkeley **among the top four universities** from which the most successful company founders in the US had graduated.

Companies Founded by UC Berkeley Faculty and Alumni

Steve Wozniak of Apple, Gordon Moore of Intel and Eric Schmidt of Google are among the many UC Berkeley alumni who have founded and run successful corporations. Other prominent companies founded by UC Berkeley affiliates:

- 4D Molecular Therapeutics
- Amyris
- Apple
- Cadence Design
- Caribou Biosciences
- Chernin Entertainment
- Corelight
- Databricks
- Exelixis
- Gap
- Google Earth
- Intel
- Kaiser Permanente
- Marvell
- Mendel Biotechnology
- National Semiconductor
- PowerBar
- Red Octane
- Renaissance Technologies
- Revolution Foods
- Rodarte
- SanDisk
- Sun Microsystems
- Tesla

Berkeley Changemakers

"In just two years, the Berkeley Changemaker program has enrolled more than one fifth of lower-division students"

- Rich Lyons, Berkeley Chief Innovation and Entrepreneurship Officer, UC Berkeley

The *Berkeley Changemaker*[™] program codifies an essential part of what UC Berkeley has always stood for and provides a future-oriented narrative that the campus is rallying behind, humanists and scientists alike. Its suite of 17+ courses activates students' passions and helps them develop a sharper sense of who they want to be and how to make that happen. This breadth plus-depth approach to harnessing Berkeley's intellectual creativity promotes a unique and much-needed integration of disciplines. The program is part of a wider, more inclusive vision for teaching entrepreneurship features faculty from over 25 academic departments and 10 schools and includes pre-college and executive education programs. Learn more at changemaker.berkeley.edu.



Credit: Jim Block