

The future of life sciences is here.

Greater Sacramento is pushing the boundaries of life science innovation on a global scale, from groundbreaking medical research to burgeoning biotech and medical device startups.

10,000+ life science and biotech jobs

#15 market for new life sciences talent

25% of regional startups are life science companies

#8 highest concentration of STEM bachelor's degrees in the 50 largest U.S. metros

2 of 12 M.D. schools in CA are located here

\$231 million in NIH funding

Talent

Greater Sacramento is home to UC Davis, a leader in life science research and education:

#1 in the nation for launching women into STEM professions

#1 in the nation for veterinary science

Top 30 school for R&D expenditures

56% of undergraduates are enrolled in STEM majors

#2 for top total life science graduates

#3 for top life science doctorates

SINCE 2015:

Patent applications filed: 833

Patents issued: 313 **Startups created:** 71

 **There is an ecosystem of development, technology, industry and many of the major companies actually come to UC Davis to tap into that innovation.** 

— Tim Brown, CEO of Evolve BioSystems

Expanding Assets

AGGIE SQUARE

The UC Davis technology and innovation park will house 2 million sq. ft. of life science-anchored commercial lab space adjacent to the UC Davis Medical Center in downtown Sacramento.

Investments: \$1 billion in 2020

Developers: Wexford Science and Technology and GMH Capital Partners

Anchor tenants: IBM and Alice Waters Institute for Edible Education (additional market-leading companies to be announced in 2020)

Focus: Genomics, imaging diagnostics, cell and gene therapies



UC DAVIS MEDICAL CENTER

This **625-bed acute-care teaching hospital** is rated one of the nation's best hospitals in 11 adult and five pediatric medical specialties and features a Level I trauma center.

CALIFORNIA NORTHSTATE UNIVERSITY

The university is actively graduating doctors and has plans to launch a **250-bed, \$750 million teaching hospital** with a Level II trauma center in 2022.

HEALTHCARE LEADERS

Sutter Health, Dignity Health and Kaiser Permanente also have a significant presence in the region.

Success Stories

GENOMICS

Novogene provides some of the most advanced genomic sequencing solutions for a host of clinical and pharmaceutical clients.

CELL THERAPY

ThermoGenesis is pioneering the development of automated technologies for cell-based therapeutics and bioprocessing.

MEDICAL DEVICE AND INSTRUMENT TESTING

Fortune 500 Danaher Corporations' **Beckman Coulter** makes diagnostic testing systems and supplies for the biomedical sector.

Sacramento-based **Immuno Concepts** develops state-of-the-art diagnostic assays to assist in the serological diagnosis of Systemic Rheumatic Disease.

Penumbra designs, develops, manufactures and markets cutting-edge medical devices. Its 160,000 sq. ft. of office, research and design space in the region will employ more than 1,000.

BIOTECH

One of four **Jackson Laboratory** locations nationwide, the 85,000-sq.-ft. Sacramento facility employs 350 and provides JAX® Mice and in vivo, cancer and stem cell services to clients throughout the western United States and Canada.

With a 3-year growth rate of 1,316%, **StemExpress** landed a spot in INC.'s Top 50 Fastest Growing Women-Led Private Companies in America as well as position 363 in the INC. 5000. The company provides adult human tissues and primary cells to researchers and clinicians worldwide.



Venture Capital

The Greater Sacramento region is home to over \$800 million in venture capital resources, with two funds targeting life science and biotech companies.

LIFE SCIENCE FUNDS

- Homegrown **Moneta Ventures** has a **\$50 million fund** targeting life science and tech companies.
- **The March Fund**, based in Hong Kong with a presence in Greater Sacramento, is a **\$250 million fund** investing in biotech and innovation for the future of food.

RECENTLY FUNDED COMPANIES

Evolve BioSystems has raised several rounds of funding and completed its **\$40 million Series C** round in 2018. The company is a spin-out from UC Davis focused on establishing, restoring and maintaining the newborn gut microbiome.

Care Innovations received nearly **\$30 million** in funding for its innovative health care management solution, which collects, aggregates and analyzes data to providers, payers, caregivers and consumers.