

From Labs  
to Lives

**UC Davis Research Brief:** includes creating a competitive U.S. food system. UC Davis was

UC Davis is a powerhouse for breakthroughs and impact. Our interdisciplinary research plays a vital role in building the region's economy. Our research contributes to our

artificial intelligence and optical imaging for crop health and disease resistance, and use robotic automation for labor use and enhancing food safety

- Develop indoor, controlled-environment production systems to increase productivity and minimize exposure to pesticides
- Create a "glyclopedia" of nutritional fiber and develop personalized, tailored supplements to reduce inflammation
- Make forests more fire-safe and healthy
- Provide training and support to small farmers
- Provide vital support in 2024 for 128 UC Davis doctoral researchers in Sacramento and

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doctoral researchers in Sacramento are taking today's discoveries forward

## UC Davis Drives Economic Growth

- Supports \$2 billion in California economic activity and nearly 10,000 jobs
- 1,290 active patents
- 119 startups launched in last decade
- \$15 million in annual licensing, royalties and fees

## Preparing the Future Workforce

Federal funding also plays a critical role in strategic preparations for the next generation of leaders, innovators and scientists. Agencies partner with UC Davis to offer workforce and career training in:

- Software security
- Advanced cell and gene therapy manufacturing
- Neuroengineering
- Plant breeding

## A Cost-Effective Model

The longstanding federal-university partnership leverages UC Davis expertise and state-of-the-art resources to generate new technologies and well-paying jobs, proving to be the most productive research model in the world.

Key facts on Facilities and Administration (F&A) costs:

- Current F&A rates do not cover all university costs
- F&A costs are not incidental—they are critical to conducting research
- F&A costs are essential to ensure safety in clinical and animal research

For more on F&A myths and facts,

visit: <https://ucdavis.edu/labs-to-lives>

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