UCSF Office *of* Research

FISCAL YEAR 2025
ANNUAL REPORT

UCSF Office of Research

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Welcome

From Vice Chancellor for Research Harold Collard, MD, MS

I am pleased to present the Fiscal Year 2025 Annual Report for the UCSF Office of Research. In a time of great change and uncertainty for the university's research community, this report is more important than ever. This annual report aims to create visibility and transparency into the Office of Research's priority projects and highlight the incredible work of our staff to empower our research mission.

I thank all the Office of Research staff and leadership for their dedication to mission excellence.

This report is just one of several efforts from the Office of Research to communicate more effectively with our research community. My door and inbox at research@ucsf.edu remain open for questions, feedback and concerns.

Harold Collard, MD, MS
Vice Chancellor for Research
University of California San Francisco

PROJECT HIGHLIGHTS FOR 2025

High-Performance Computing (HPC): A new HPC environment is up and running at UCSF to accelerate computational innovation for our researchers and their teams.

Community Workforce Development: UCSF's partnership with San Francisco State University (SF BUILD) empowers learners to thrive in biomedical science while driving community-focused research.

Federal Science Policy and Advocacy: The Science and Healthcare Advocates for Research Policy (SHARP) Program equips faculty with science policy and advocacy skills to influence federal biomedical research support.

Clinical and Translational Research: The Clinical & Translational Science Institute (CTSI) is working hard to renew its funding and sustain its mission of accelerating innovative clinical and translational research for public health impact.

About The Office of Research

The Office of Research is the chief institutional administrative unit for advancing research at UCSF and the primary representative of the broad research interests of UCSF to the University of California system.

The Office of Research provides leadership, direction, and management of campus-wide research administration, infrastructure, and services, and oversees the operations of multiple administrative units.

Office of Leadership FISCAL YEAR 2025





PICTURED LEFT TO RIGHT

HAROLD COLLARD, MD, MS
Vice Chancellor for Research

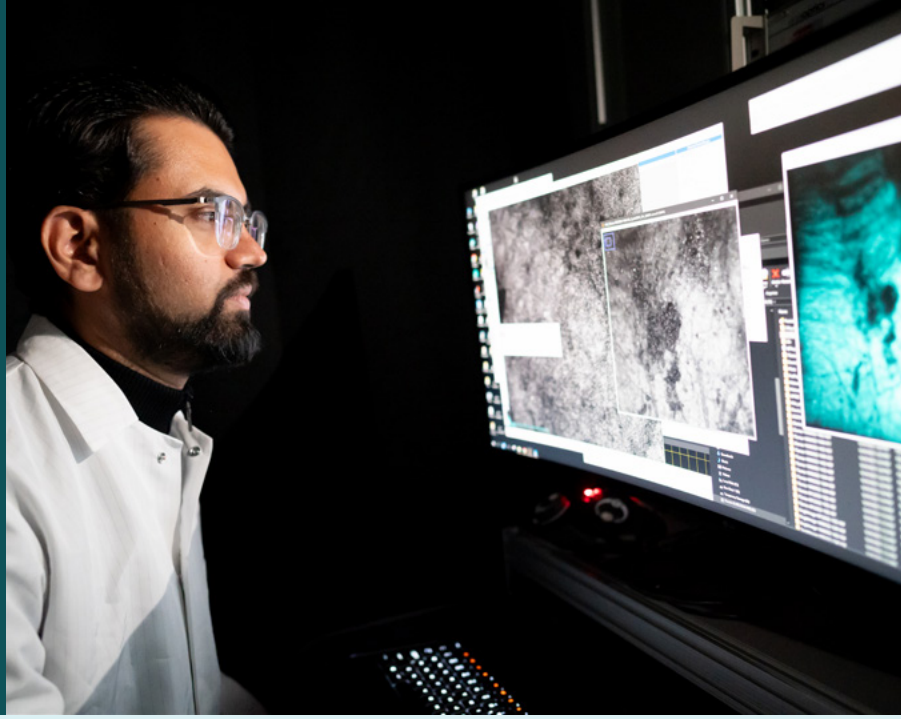
VANESSA JACOBY, MD, MAS
Associate Vice Chancellor for Clinical Research
and Director of the Clinical and Translational Science Institute (CTSI)

TUNG NGUYEN, MD
Associate Vice Chancellor, Research Opportunity and Impact (ROI)

BRIAN SMITH
Senior Associate Vice Chancellor, Research Infrastructure & Operations (RIO)

MANDY TERRILL
Assistant Vice Chancellor, Associate Chief Information Officer for Research

About The Office of Research



Office of Research Units FISCAL YEAR 2025

Clinical and Translational Science Institute CTSI

Environment, Health and Safety EH&S

Office of Sponsored Research OSR

Institutional Animal Care and Use Program IACUP

Office of Clinical Trial Activation OCTA

Research Opportunity and Impact ROI

Human Research Protection Program HRPP

Laboratory Animal Resource Center LARC

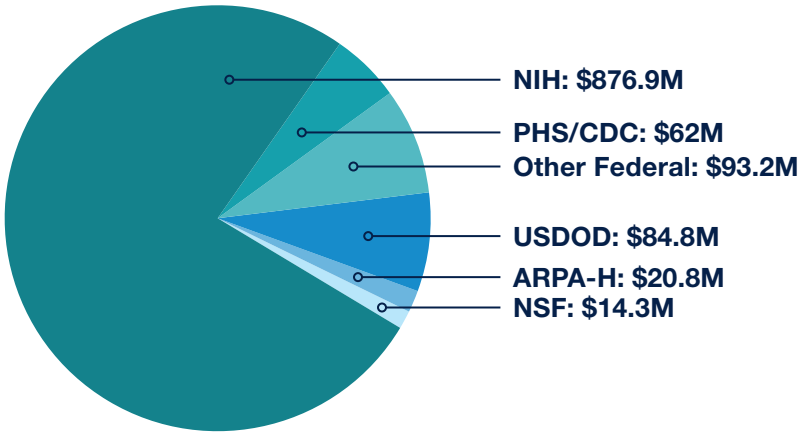
Research Resource Program RRP

CoLabs

By the Numbers FISCAL YEAR 2025

UCSF continues to lead the nation in federal research funding for public institutions. Just under half of UCSF's research comes from federal sources, with 76% of federal funding coming from the National Institutes of Health (NIH).

Total Overall Amount Awarded for UCSF Research	**$2,578M**
Total Federal **$1,152M**	$1,152M
Total Private/For-Profit and Non-Profit Entities	$826M
Total Local/Other Governmental Organizations	$392M
Total State Agencies/California	$186M
Total Intercampus/Special State	$18M
Fellowships Awarded by NIH	$4.3M



Delivering Next-Generation Research Computing

CoreHPC is UCSF's new high-performance computing (HPC) environment designed to support the evolving needs of our computational research community.

It supports large-scale data processing, AI-driven research, and compute-intensive scientific workloads while enabling efficient analysis of massive datasets. Built on clustered, high-speed infrastructure, CoreHPC is fully managed by UCSF's HPC team and replaces the Wynton HPC cluster. We thank the faculty involved in creating Wynton and leading us to this new era of high-performance computing.

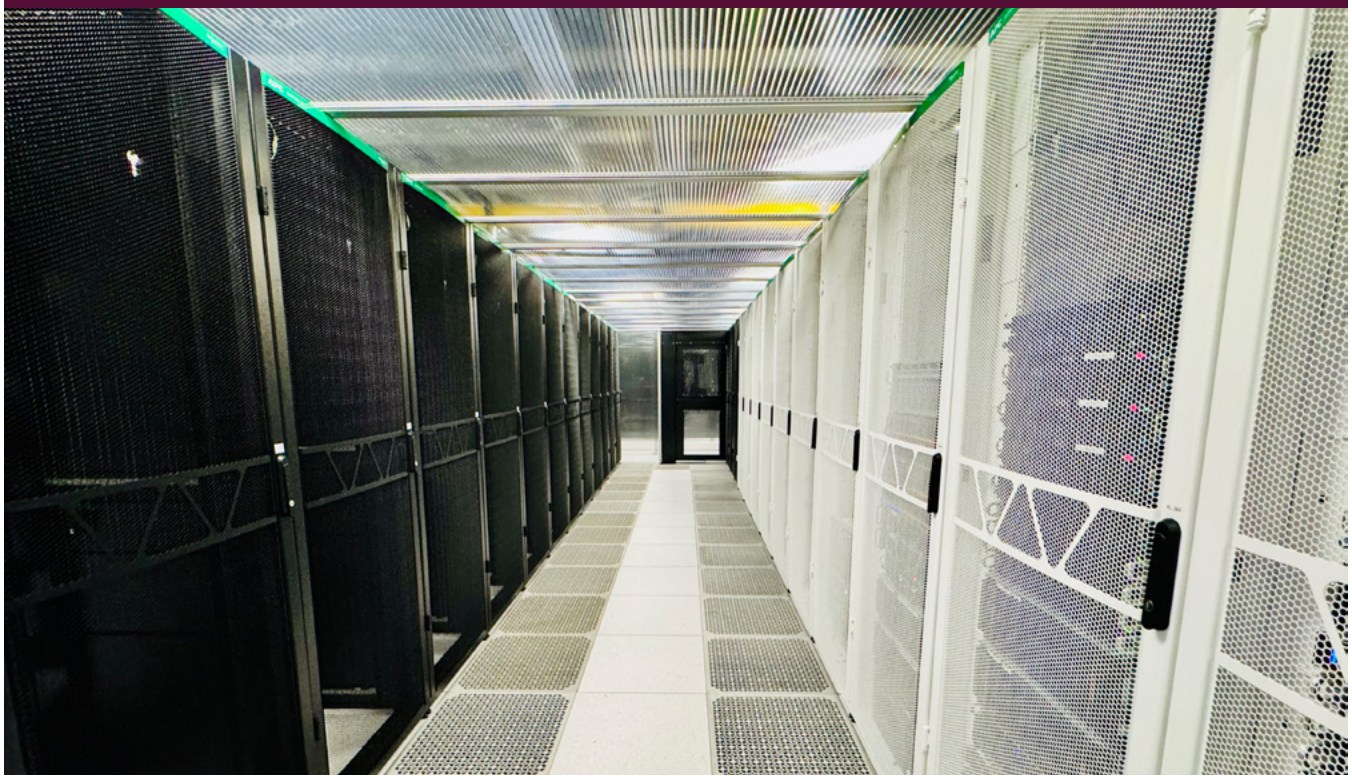
GOALS

CoreHPC empowers our researchers to accelerate innovation and excellence.

Key goals include:

- **Delivering more robust computing resources** to support demanding workloads.
- **Providing greater access to computing capabilities** via a sophisticated scheduling system.
- **Enabling seamless integration and processing** of a wider variety of data types (including protected health information) to better serve different use cases.

Delivering Next-Generation Research Computing



OUTCOMES

CoreHPC is still being fine-tuned as part of a pilot release. We are already receiving positive feedback from teams that have been involved in this phase.

For the first time in my career, I had the chance to work with genuinely large-scale, high-performance compute infrastructure. It was remarkable to watch ideas from distributed systems and deep learning literature translate so directly and effectively into real-world practice. The results have been nothing short of exceptional.

Rohit Vashisht, PhD
Bakar Computational Health Sciences Institute

Building Biomedical Workforce Pathways

SF BUILD is a collaboration between San Francisco State University (SFSU) and UCSF to develop a biomedical workforce that serves their communities.

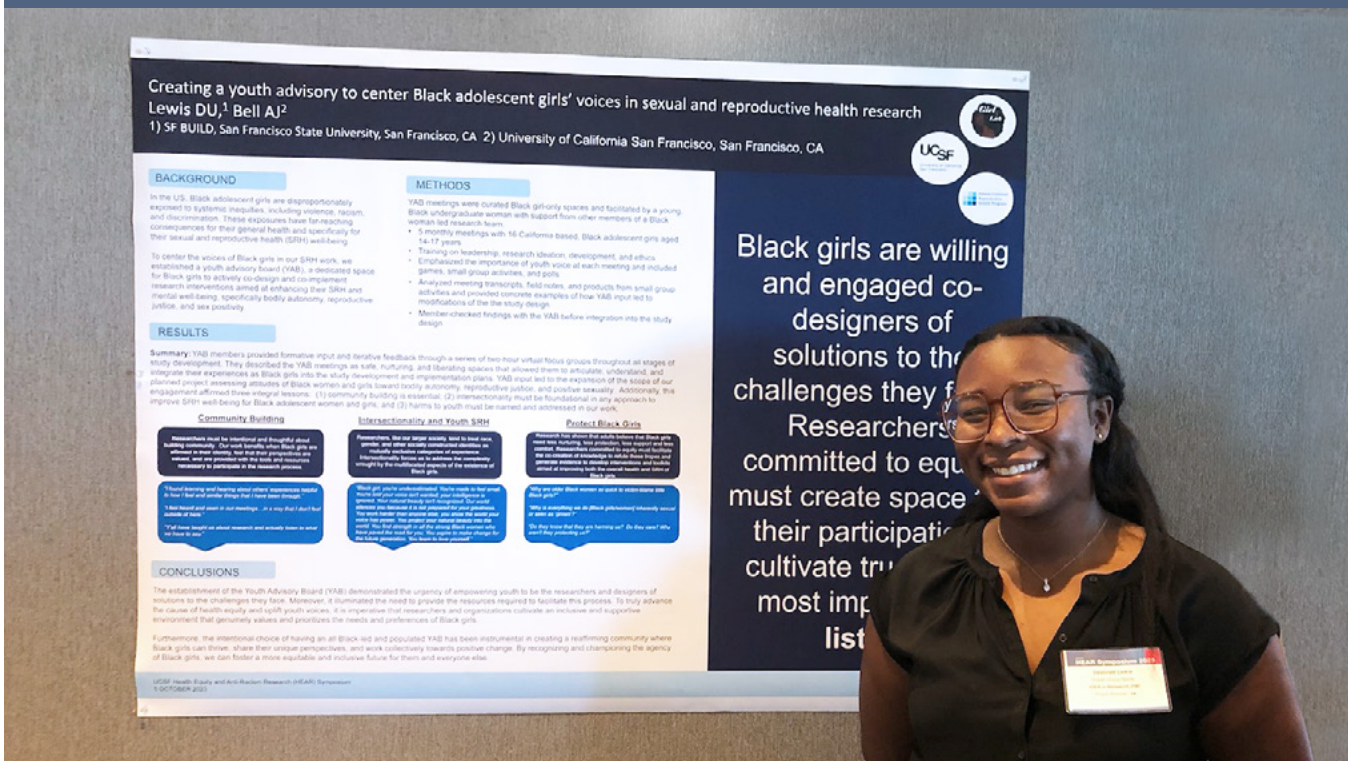
Facilitated through the Office of Research's Opportunity and Impact unit, the partnership aims to transform student experiences, faculty development, and institutional systems. SF BUILD prepares learners to thrive in science while engaging in community-driven research.

GOALS

SF BUILD's goals include:

- **Fostering inclusive teaching and research** by creating supportive spaces that affirm diverse backgrounds and perspectives.
- **Reducing barriers for students** by addressing stereotype threat to improve performance and retention in science.
- **Empowering local impact** through mentorship and training that drive innovative and community-focused biomedical research.
- **Strengthening biomedical workforce pathways** via UCSF partnerships, mentoring, and job search support.

Building Biomedical Workforce Pathways



OUTCOMES

SF BUILD has trained nearly 250 SFSU students in biomedical and health fields. Among alumni, 94% work in biomedical research, healthcare, science education, or community health. More than 300 SFSU and UCSF faculty and staff have participated in training, mentoring, curriculum development, and institutional change efforts, including cross-institutional collaborations between SFSU and UCSF. To date, SF BUILD has obtained $34 million in government, corporate, and philanthropic support.

SF BUILD provided me with the mentorship and confidence to pursue a career in biomedical research. I learned how to navigate academia while staying true to my commitment to community-driven science.

SF BUILD Scholar

Shaping Federal Research Policy

The Science and Healthcare Advocates for Research Policy (SHARP) Program, co-led by UCSF's Office of Community and Government Relations and Office of Research, is a professional development program for faculty to develop federal science policy and advocacy skills. The SHARP Program provides participants with the hands-on experience and training needed to understand the significance of federal investments in biomedical research and influence federal policy discussions.

GOALS

The SHARP Program seeks to empower participants by:

1. **Cultivating an understanding of federal policymaking** as it relates to science and research policy, including the legislative and regulatory landscapes.
2. **Improving the ability to persuasively communicate the importance of research** to a lay audience to advance science policy, including developing and refining an "ask."
3. **Teaching strategies for advocacy** to various decision-makers.
4. **Providing direct advocacy experience** with policymakers.

Shaping Federal Research Policy

OUTCOMES

In Fiscal Year 2025, the SHARP Program:

- Engaged eight faculty participants.
- Implemented four training seminars with subject matter experts and UCSF leaders with experience in science policy.
- Executed one group trip to Washington, DC, to advocate against cuts to NIH Facilities and Administrative funding, a key UCSF priority.
- Executed three specialized small group trips, individualized to the professional interests of program participants.

The SHARP Program was an incredibly valuable experience that helped me see how I can make an impact in health policy as an early-career faculty member.

José I. Gutierrez Jr., PhD, FNP-BC, AAHIVS
Assistant Professor, Department of Family Health Care Nursing

Fueling Breakthroughs in Translational Research

The Clinical & Translational Science Institute (CTSI) is a unit of the Office of Research that provides critical services, resources, infrastructure, and training to accelerate innovative clinical and translational research. It's programs support research faculty, staff, and trainees from all UCSF schools and departments, and community partners and learners across the Bay Area.

Funding Renewal Process

CTSI receives funding from the NIH to support a wide range of its activities. This year, CTSI conducted a year-long grant renewal process, engaging over 400 research faculty, staff, trainees, institutional leaders, patients, and community partners, to participate in strategic planning.

CTSI leadership developed the following strategic goals: informatics innovations, community-engaged research and partnerships, efficient research operations, and training the next generation of clinical and translational researchers from a wide range of disciplines.

What's Next

A decision regarding CTSI's renewal is expected by the end of the 2025 calendar year, allowing CTSI to build on FY2025 outcomes, which include personalized grant-writing support for early-career faculty, enhancing capacity for study participant recruitment, and advancing community-based research.

UCSF Office of Research

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