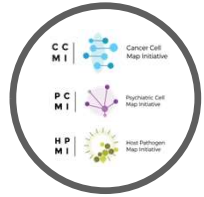


UCSF



# *About UCSF Innovation Programs*



Cell Mapping Initiatives



Technology Development

**UCSF** Quantitative Biosciences Institute

**REZO**  
Company Spin Outs

Breaking down silos, building collaborations



Investing in Diversity and Youth



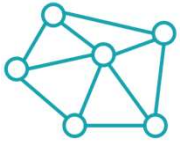
Outreach and Events



# About SOM Tech



**BROAD TECHNOLOGY EXPERTISE**



**DEEP KNOWLEDGE OF  
THE UCSF ECOSYSTEM**



**HUMAN-CENTERED  
APPROACH**



School of Medicine Technology Services, SOM Dean's Office

SOM Tech provides leadership and advocacy across the School of Medicine's technology spectrum, from research to data security to business process management.



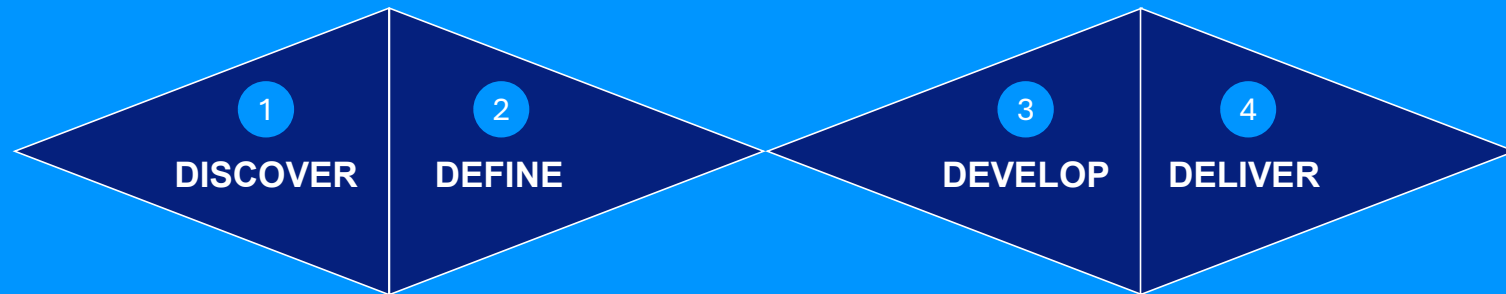
# Berkeley Space Center



SKS

# The **UCSF Clinical Innovation Center** aims to accelerate innovations to solve the most critical care delivery issues.

Solve the right problem → Solve the problem right



Gain insight; understand the human and system factors

Identify the problem to solve and metric to shift

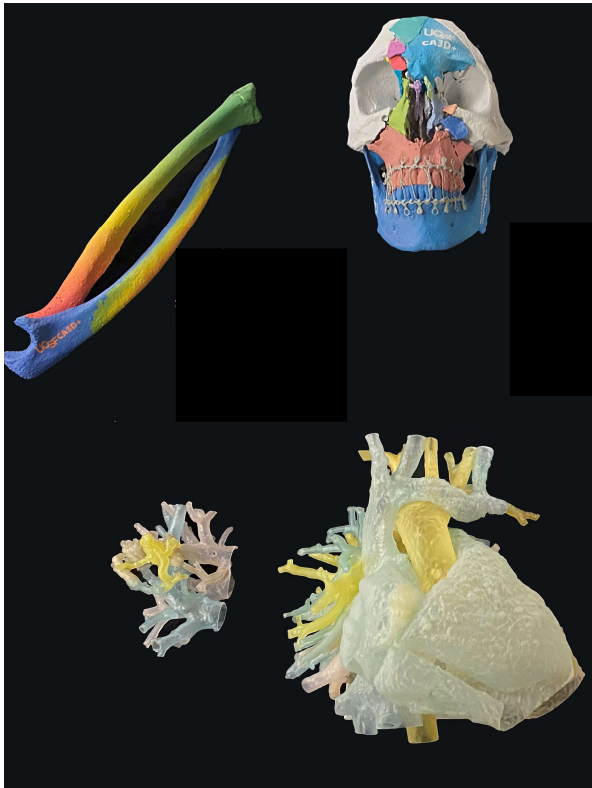
Challenge paradigms; develop prototypes

Refine, pilot and scale

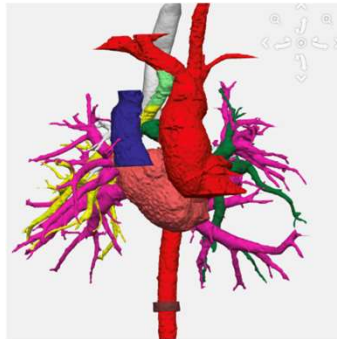
For more information:



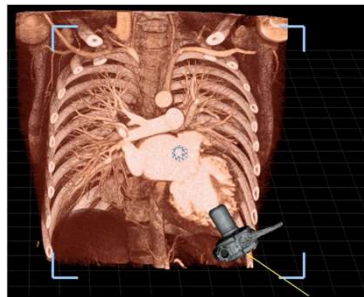
# UCSF Center for Advanced 3D+ Technologies (CA3D+)



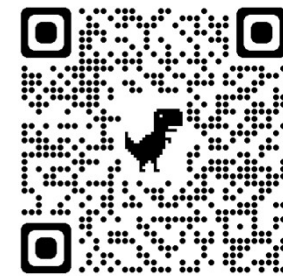
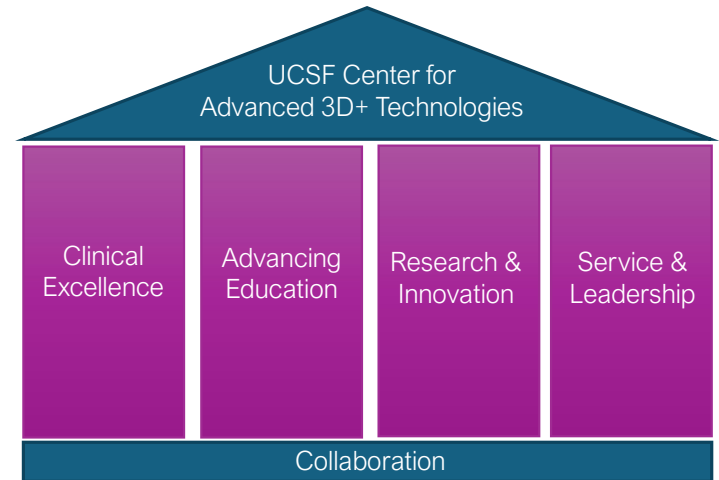
3D printing



Virtual surgical  
planning



Advanced visualization  
Augmented/Virtual/Mixed Reality



<https://ca3dplus.ucsf.edu/>

# We empower #healthtech entrepreneurs to deliver the future of #patient care.

We make getting to market easier for entrepreneurs by offering insider knowledge, mentorship, connections and access to funding

**UCSF** Rosenman  
Institute

Learn More!



## The Mission

To improve the health, safety, and quality of life of pediatric patients by accelerating high-value, high impact pediatric device solutions at all stages of the total product lifecycle towards commercialization.

## UCSF Team



Hanmin Lee, MD



Shuvo Roy, PhD



Usha Thekkedath, MD



Michael Harrison, MD



Willieford Moses, MD



Durga Pisharam, PhD

## Accomplishments

- Consortium with longest history of FDA funding.
- Created a strong network of industry & academic partners and unique resources for pediatric innovations.
- Supported more than 300 pediatric device projects since 2009.
- Seed funding provided to more than 60 projects.
- Guided 13 device innovations to market, resulting in more than 25,000 children positively impacted.
- Helped secure more than \$120M in follow on funding for portfolio projects.
- Pioneer in using real world evidence (RWE) to support a 510(k) labeled pediatric medical device indication.
- Provided Training and Professional Development opportunities to more than 60 students and fellows.

**Funded by FDA Grant # P50FD007967**

**Learn More and Contact Us Here:**






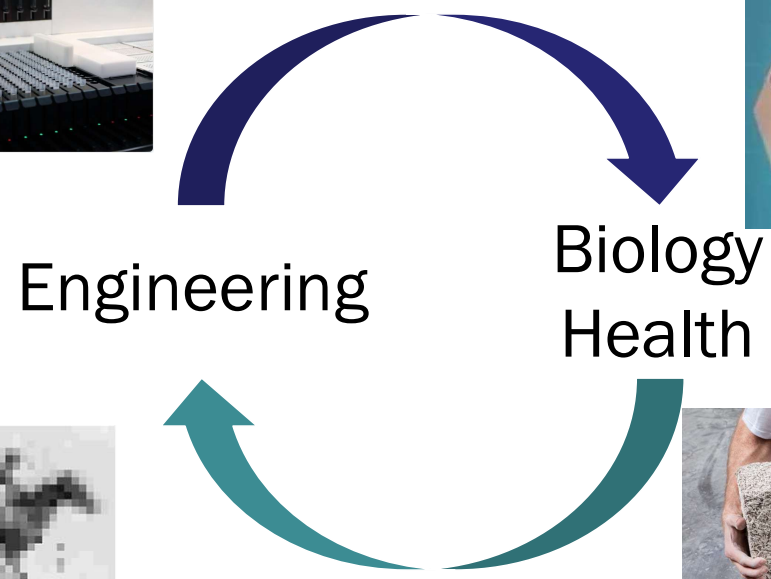
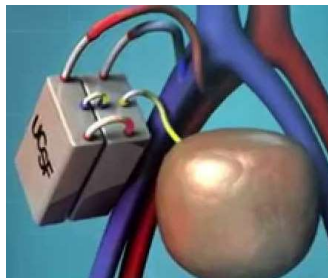
Health Innovation via Engineering

# Completing the Circle of Innovation: Biology for Engineering

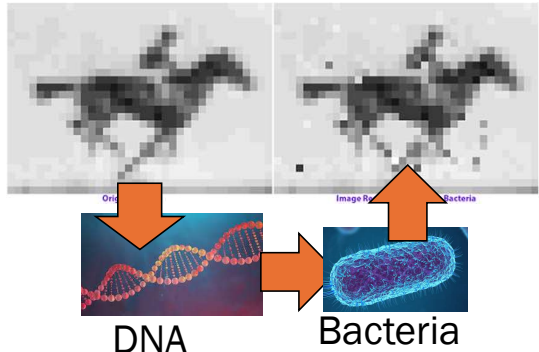
Robotics for High Throughput Science



Medical Implants




Recording Video In DNA



DNA

Bacteria

Living Building Materials



[engineering.ucsf.edu](http://engineering.ucsf.edu)

## The Mission

To accelerate the translation of pioneering medical devices to improve patient care by lowering the barriers for surgeon-innovators, Focusing on value-based solutions with market viability, and Educating trainees in interdisciplinary collaboration and translation

## The Team



Hanmin Lee, MD  
Clinical Director



Shuvo Roy, PhD  
Technical Director



Usha Thekkedath, MD  
Program Director

## The Programs

- Weekly Innovators Forum
- Biodevice Innovation Fellowship Program
  - Two-year mentored research experience for surgical residents
- UCSF/UCB Masters of Translational Medicine
- Project Consultation for Faculty, Trainees, and UCSF-Affiliated Companies

**Learn More and Contact Us Here:**



# MASTER OF TRANSLATIONAL MEDICINE

Translating biomedical  
discoveries into  
clinical reality.

The MTM program is a joint  
program between UC Berkeley  
and UCSF.



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