UCSF
University of California
San Francisco

Welcome

Parnassus Research Programming Task Force

Town Hall

June 2, 2021

Parnassus Research Programming Task Force 2021: Town Hall

Agenda

- Welcome
- Opening Remarks
- Task Force Background
- Task Force Process
- Discovery Zones and Interfaces
- Clinical Research
- Audience Participation – Q&A and polling
- Wrap-up/Next Steps

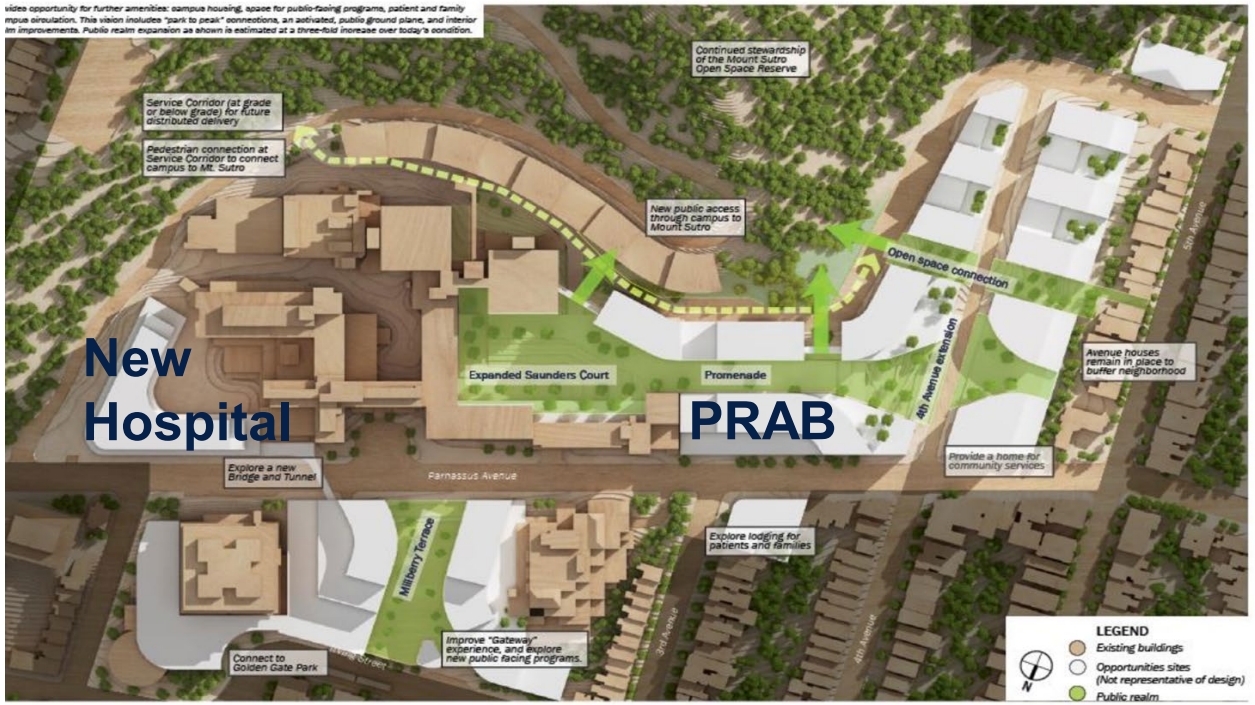
Town Hall Logistics

- Chat has been disabled
- Ask questions/submit comments via Q&A feature
- Questions asked and answered after presentation
- Please take the poll at the end of the presentation

Opening Remarks

Dan Lowenstein, Executive Vice Chancellor & Provost

Build on Work of Prior Task Forces



How can PH Research Space:

- Rejuvenate existing strong PH research programs?
- Foster growth of new programs?
- Spur connectivity, community, & innovation?

5

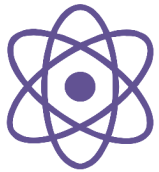
2018-19
Research Space Working Group (RSWG)

'Immediately expand and transform the Parnassus Heights research campus to meet the urgent needs of current and future research programs.'

Build on Work of Prior Task Forces

2021
Parnassus Research Programming Task Force 2021

Identify Parnassus research programs, Discovery Zones, and their locations.



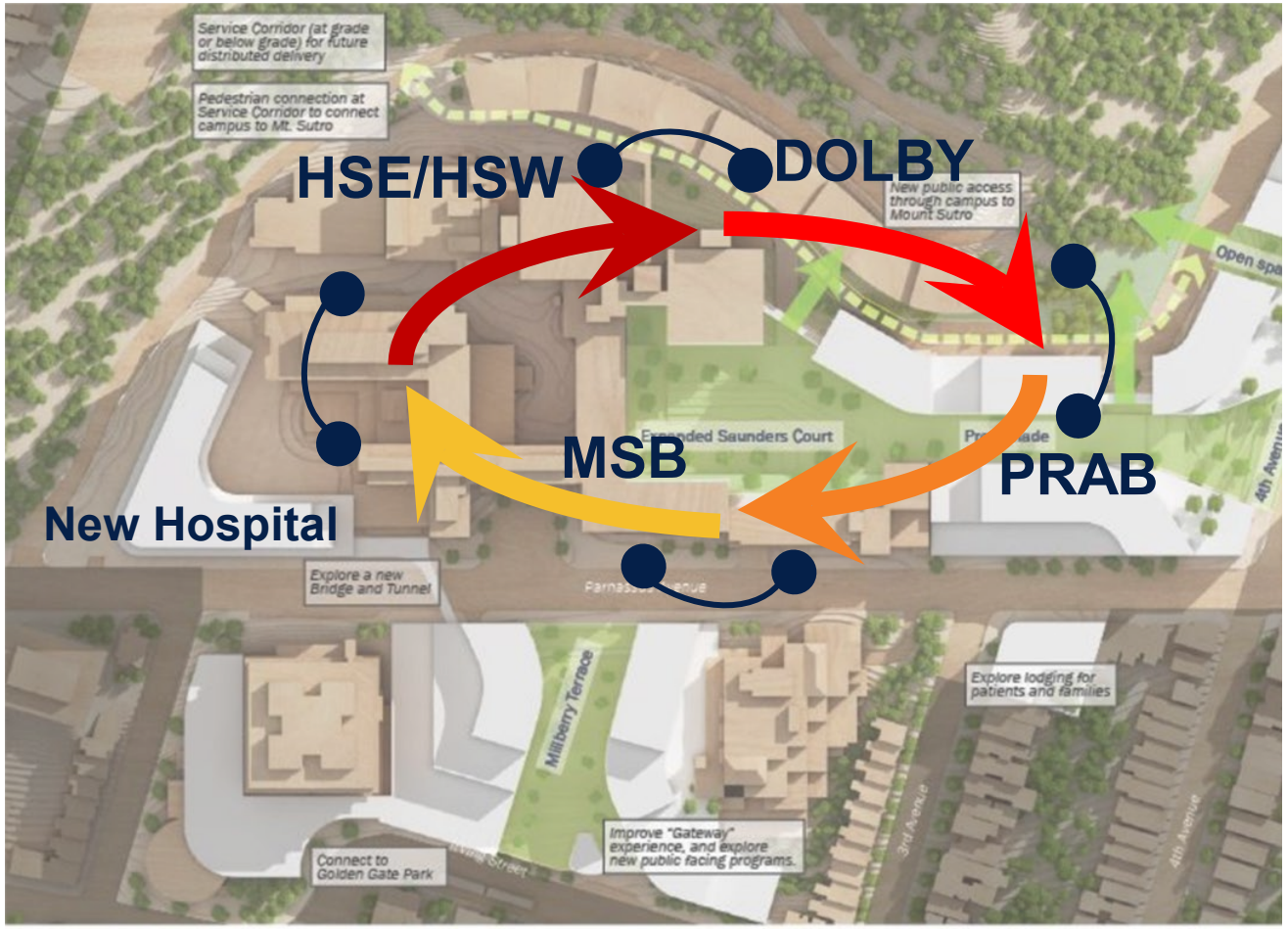
2019-2020
Parnassus Research Programming Task Force

Organize research by programmatic Discovery Zones and investigator identity, around an Integrative Science Hub, in new and remodeled space.

2018-19
Research Space Working Group (RSWG)

Immediately expand and transform the Parnassus Heights research campus to meet the urgent needs of current and future research programs.

Toward the vision of rejuvenated space for a thriving Parnassus research community



Develop dynamic research neighborhoods and connections that integrate the diversity of investigators and encompass a broad spectrum of scientific programs, themes and disciplines at Parnassus.

Parnassus Research Programming 2021 Task Force Members


Tamara Alliston, Chair


Mark Ansel


Fran Aweeka


Harold Collard


Jayanta Debnath


David Erle


Lawrence Fong


Gabriela Fragiadakis


Julene Johnson


Sarah Knox


Suneil Koliwad


Diana Laird


Patti Mitchell


David Morgan


Terri O'Brien


Rushika Perera


Saul Villeda


Alicia Murasaki (ex officio)


Dan Lowenstein (ex officio)


Sharon Priest (staff)


Jill Goldsmith (staff)

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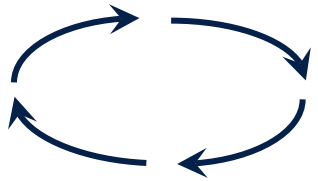
Operating Principles

Broad Scope - All PH research space in all schools – not just the PRAB.

- Clinical Research
- Community and Population Health Research
- Basic Research



An integrated PH research campus is the highest priority, with built-in physical & scientific connectivity.

- Physical connectivity
- Discovery Zones
- Interfaces

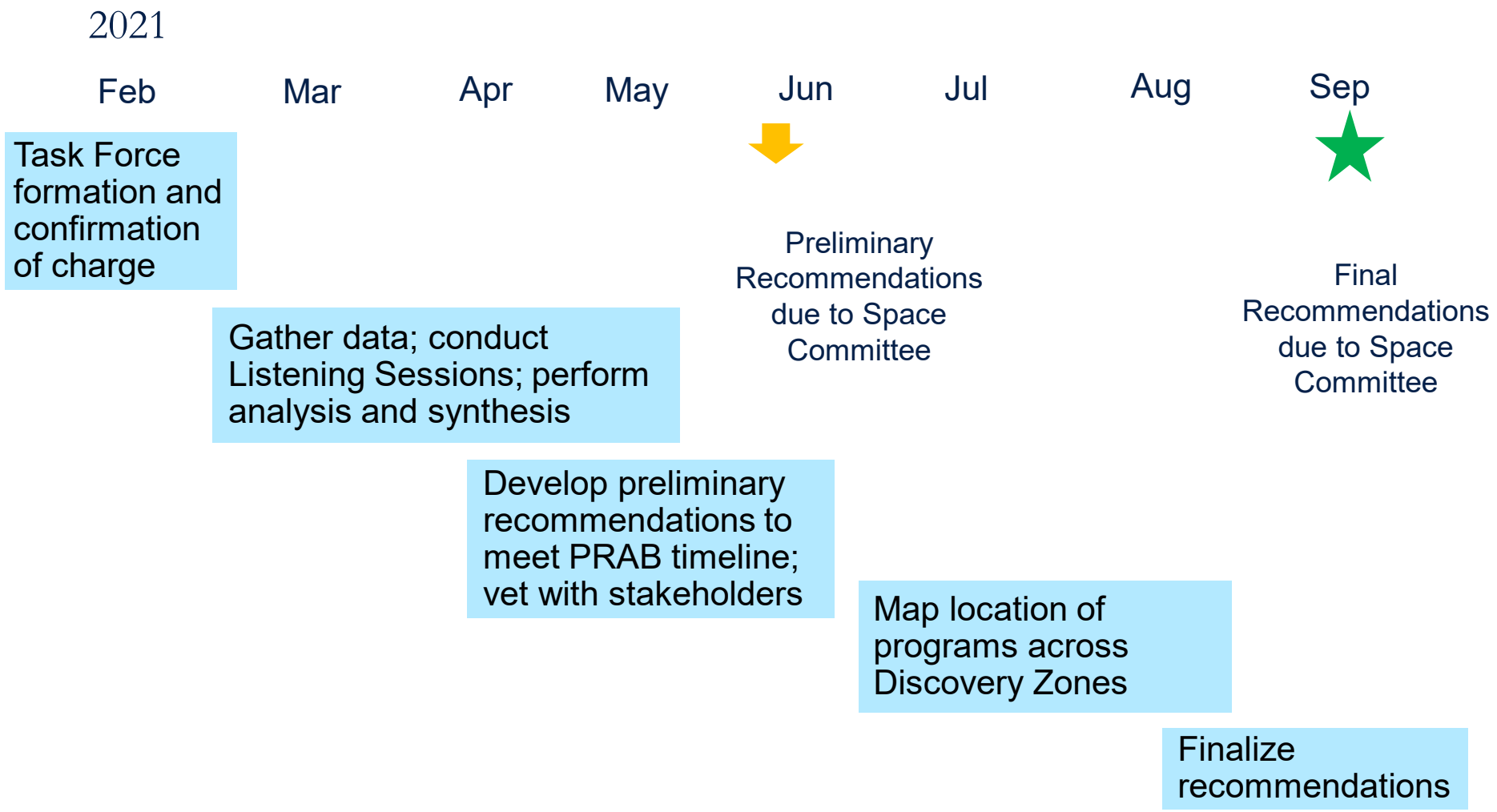
Centralized spaces for shared resources to support research and foster collaboratior

- CoLabs
- Core resources for research involving human subjects

Ambitious and achievable.

- Learn from Mission Bay experience
- Consider practical issues – proximities, remodeling, chemical loading
- Retain robust research communities

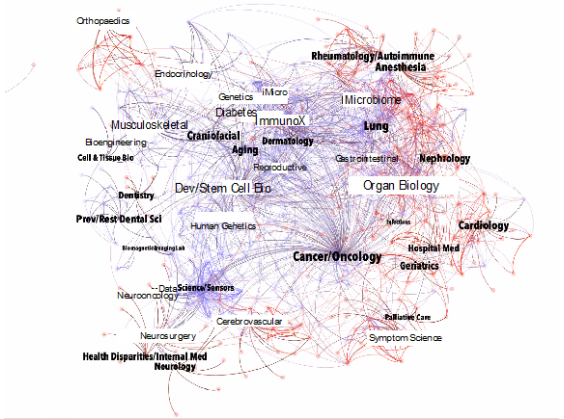
High-Level Timeline



The Task Force Process

UCSF SPACE COMMITTEE

Inventory Clinical & Basic Research at Parnassus



Department members

Chairs and Directors

Program and Institute Heads

Affiliated Faculty

- PRESENTATION
- 1-on-1 INTERVIEWS

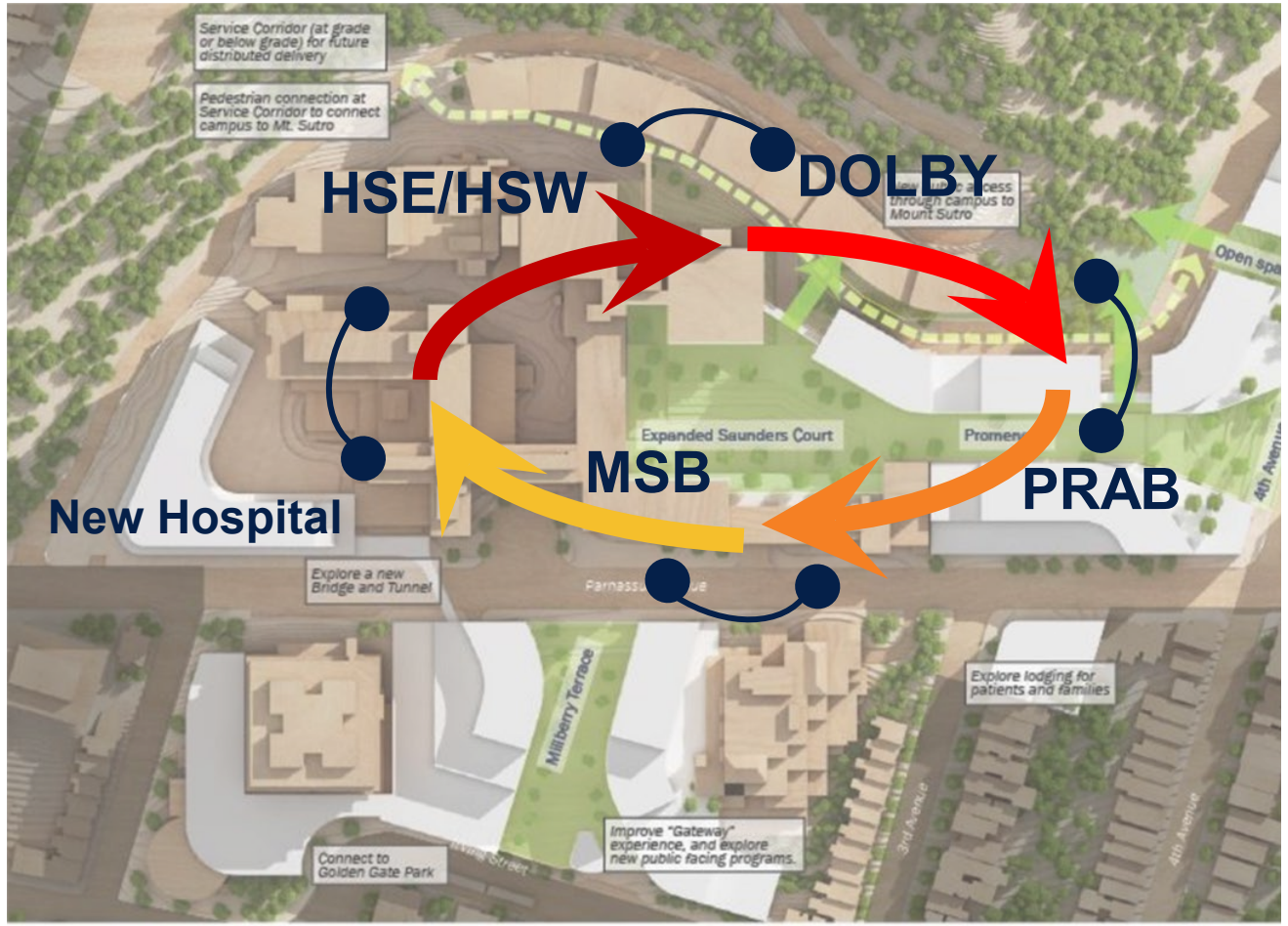
Task Force

ANALYSIS

Organize research into integrated Discovery Zones

UCSF SPACE COMMITTEE

Toward the vision of rejuvenated space for a thriving Parnassus research community



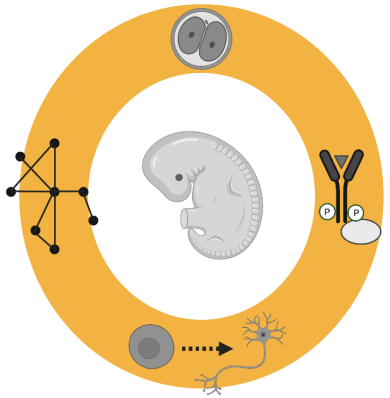
Develop dynamic research neighborhoods and connections that integrate the diversity of investigators and encompass a broad spectrum of scientific programs, themes and disciplines at Parnassus.

Foundational Concepts of Discovery Zones and Interfaces

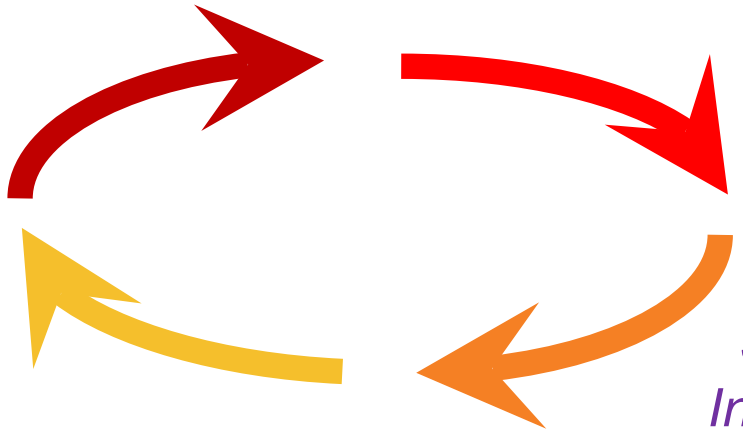
1. Seek to maintain a strong sense of **connection and community** among all investigators on the Parnassus campus.
2. **Integrate** research themes across all zones.
3. Provide much needed space for **clinical research units**
4. **Distribute** at least one large and impactful research program to each zone
5. Maximize the impact of **interfaces** between zones to create connectivity

Discovery Zones Concepts

Discovery Zone A -
Regenerative Medicine and Developmental Biology



Discovery Zone B –
Precision Health Equity



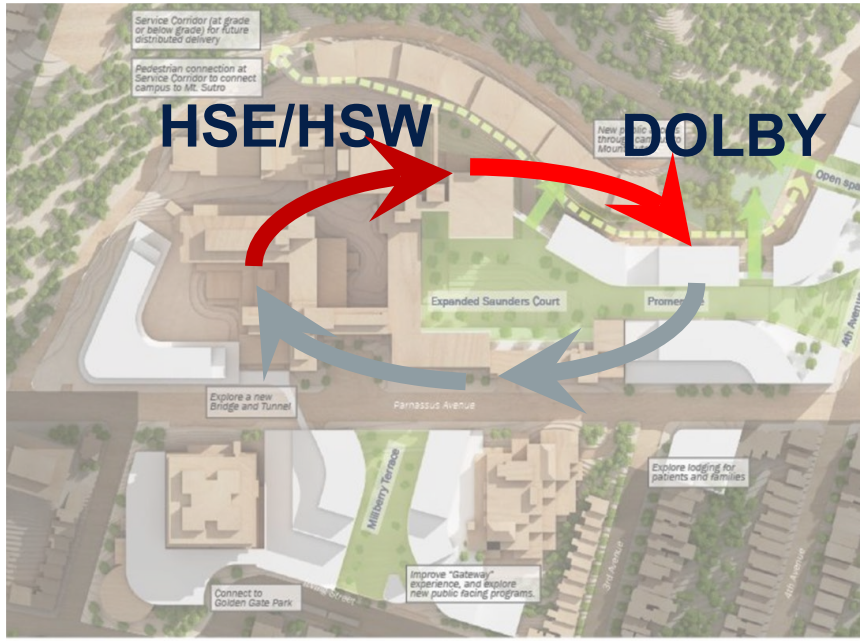
Discovery Zone C –
Infection and Inflammation

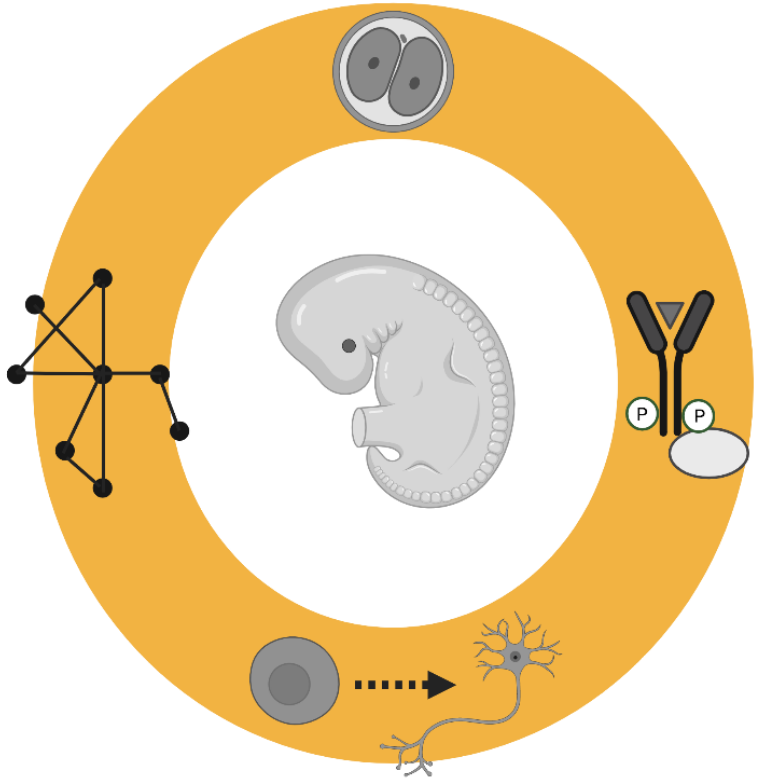
Discovery Zone D -
Systems Physiology and Inter-organ Communication

Discovery Zone A

Regenerative Medicine and Developmental Biology

*<u>Goal</u>: To study the **cells**, **signals** and **programs** underlying the **development** and maintenance of human life.*

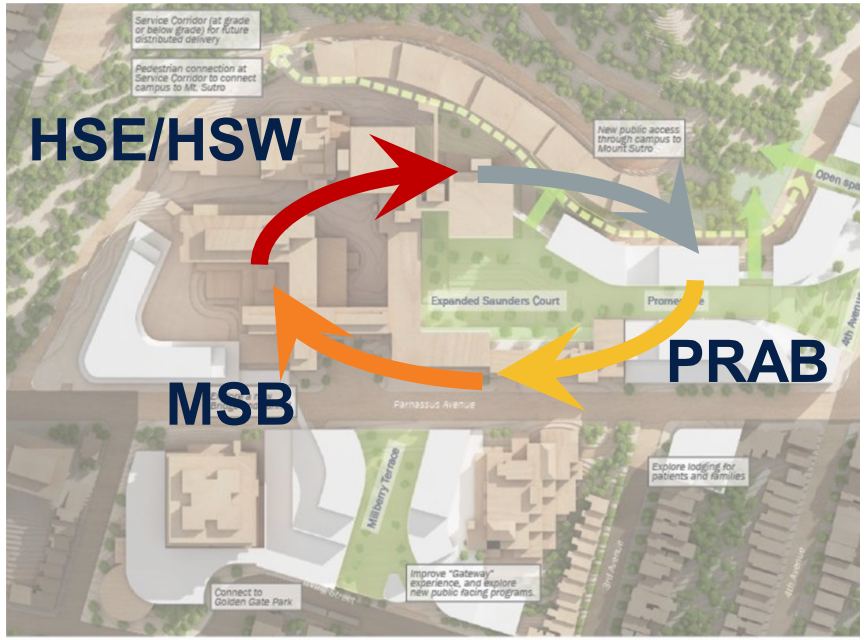




Discovery Zone B

Precision Health Equity

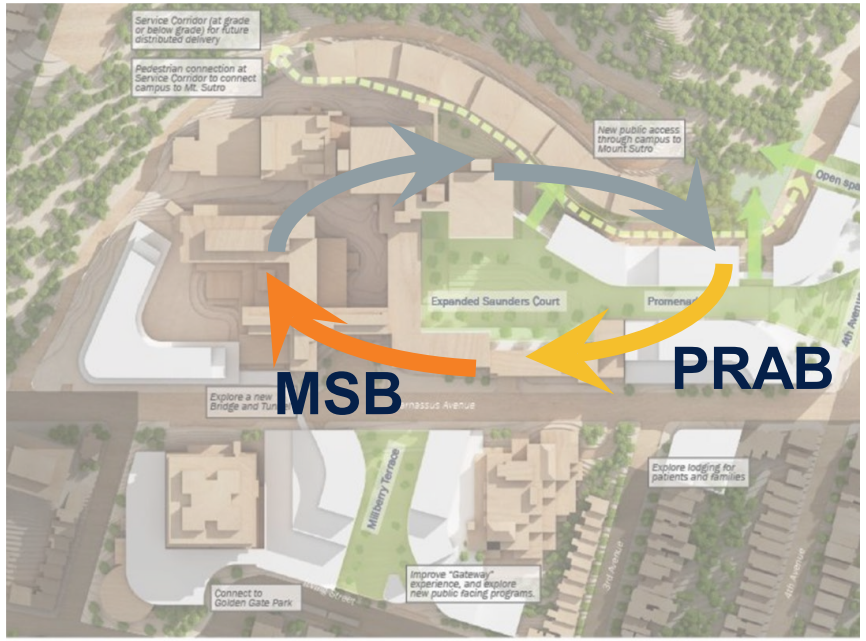
*<u>Goal</u>: To use cutting-edge **quantitative approaches**, from **sub-cellular** to **population scale**, to better human health and **reduce disparities**.*



Discovery Zone C

Infection and Inflammation

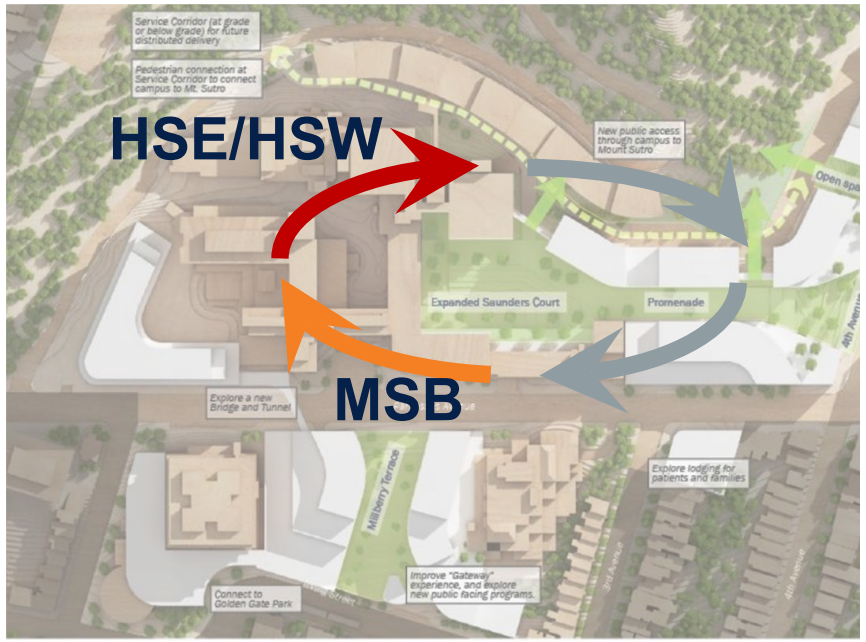
*Goal: To nucleate diverse research programs around a central idea of **immunology** to understand and mitigate diseases ranging from **infection** and **allergy** to **autoimmunity** and **cancer.***



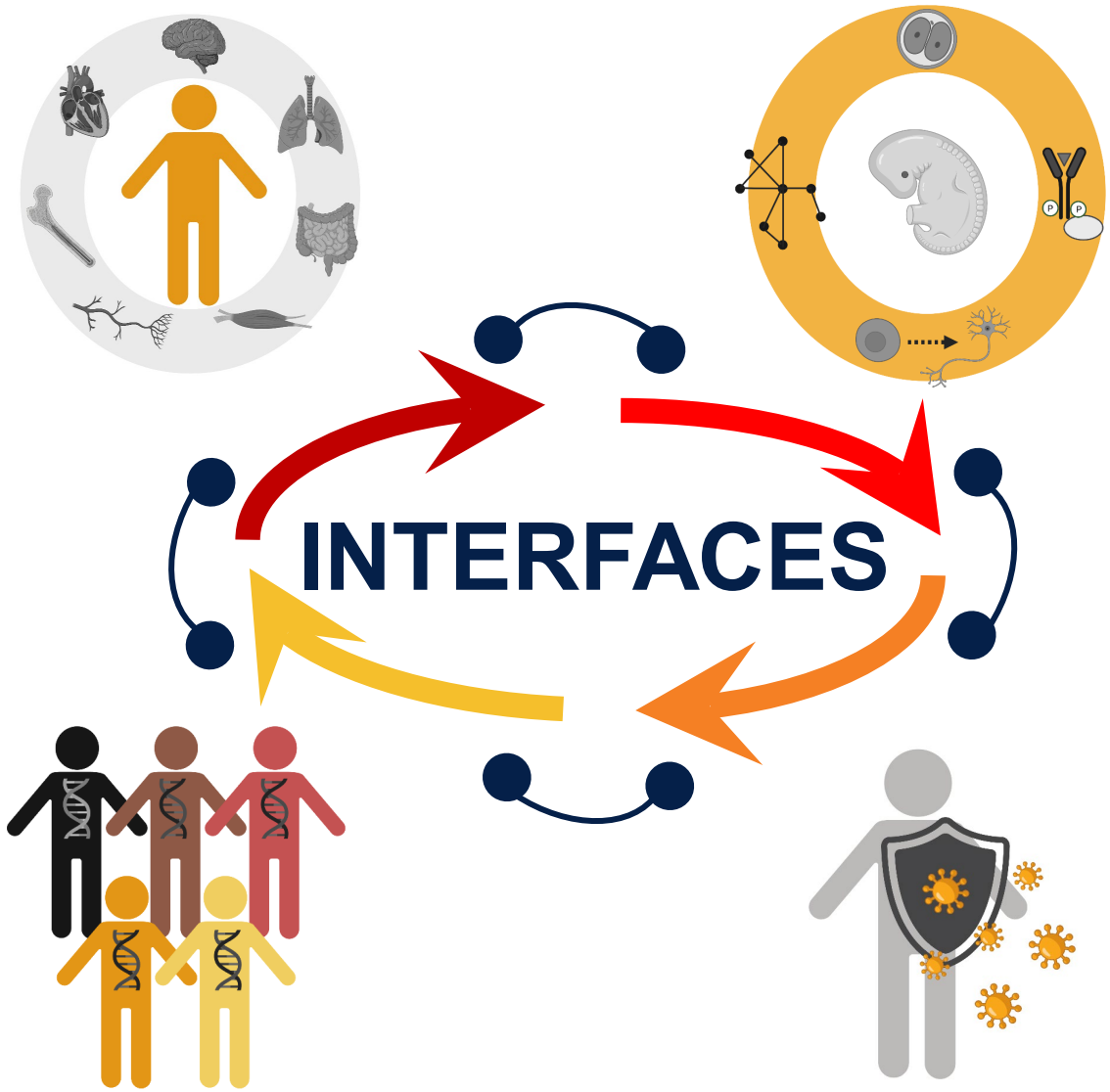
Discovery Zone D

Systems Physiology and Inter-Organ Communication

<u>Goal</u>: To integrate researchers with expertise across ***tissues and systems*** *in order to understand* ***organ health***, ***metabolism*** *and diseases connected to* ***advanced age.***



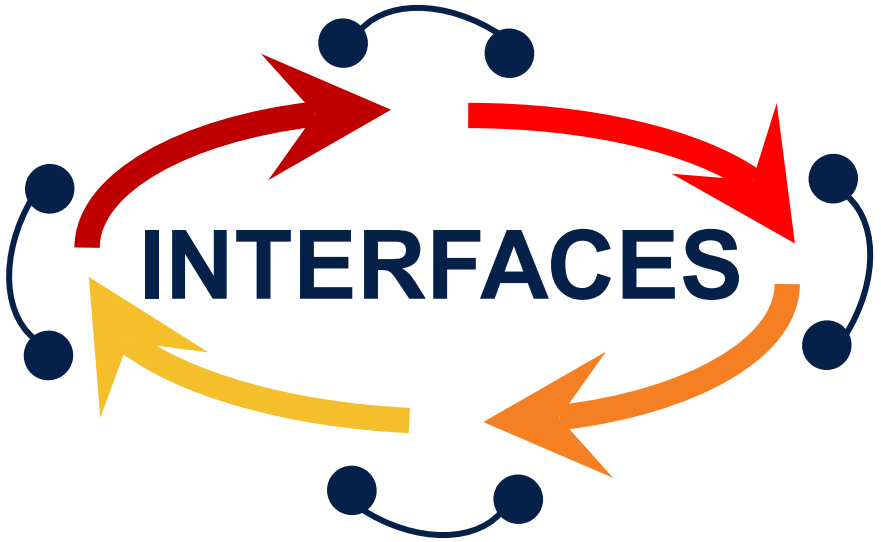
Programming discovery zone interfaces with research ‘arteries’



Programming discovery zone interfaces with research ‘arteries’

Education space

Core facilities



Collaborative resources

COLABS

Social space

Investing in Parnassus Clinical Research

- **Urgent need for purpose-built clinical research space at Parnassus in the next 5 years.**

- **Clinical research at Parnassus is large and diverse:**
  - 249 faculty, 226 CRCs, > $100 million in annual research funding. *
  - Clinical trials and observational studies are often aligned with clinical care.
  - Translational and mechanistic studies are often aligned with biomedical and basic science.
  - Data analytic and epidemiological studies are often aligned with computational science and informatics.
  - Community and behavioral studies are often aligned with social science and public health.

* Source: Research Space Working Group Report 2018

Investing in Parnassus Clinical Research

- **Guiding principles for clinical research programming recommendations:**
  - Different types of clinical research need different geographic and scientific proximities.
  - Clinical research is too large and diverse to fit in any single discovery zone.
  - Participant-engaged clinical research space should be easily accessible from Parnassus and welcoming to a diverse community of people.
  - Clinical research space should interface with core resources (e.g., visit and hotel space, biospecimen services) through a "clinical research artery" that bridges discovery zones.

Engagement

- The Task Force is still developing its recommendations for programming Clinical, Community and Population Health, and Basic research space in the PRAB and all other Discovery Zones.
- Your continued input is welcome and needed.
- Please **click on the link in the chat to take the poll**
- ParnassusResearch@ucsf.edu

Q&A

UCSF

Appendix

Parnassus Research Programming Task Force 2021 Charge

Focus for March-June

a. Validate and resolve gaps in the **list of existing and planned research programs at Parnassus** done in 2020 by the Parnassus Research Space Working Group.

b. Assess the projected growth needs of existing and planned **research programs** based on **existing and promised space allocations**.

c. **Define the identity of the 4 "Discovery Zones"** with **anchor themes/programs** as conceptualized by the Parnassus Research Programming Task Force. The definitions will be provided to the UCSF Space Committee by **May 2021** to meet PRAB space program requirements.

d. **Map location of research programs across Discovery Zones** at Parnassus over the next decade, including space in the new PRAB; released space in HSE, HSW, MSB and Koret associated with opening of the PRAB; and any other unoccupied or unassigned space

e. If applicable, make recommendations on possible **moves of research programs between Parnassus and Mission Bay**.

f. **Communicate** recommendations to the appropriate audiences

g. Inform the visioning of the PRAB design by participation in the **Visioning Workshops**. (Completed in February)