## RESEARCH ADVISORY BOARD (RAB)

September 10, 2019 8:30-10:00 a.m.
Medical Sciences Building: Conference Room S-30 &
Zoom: 1-669-900-6833 | Meeting ID: 914 749 821 | [https://ucsf.zoom.us/j/914749821](https://ucsf.zoom.us/j/914749821)

### AGENDA

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
<th>Time</th>
</tr>
</thead>
</table>
| 1. Clinical and Translational Science Institute (CTSI) Grant Renewal | Hal Collard, MD  
Associate Vice Chancellor of Clinical Research  
Director, Clinical and Translational Science Institute | 8:30 – 8:50 a.m. |
| 2. Chase Center Opening and Impact on Mission Bay Site | Arleen Bandarrae  
Transportation Specialist  
UCSF Transportation Services | 8:50 – 9:20 a.m. |
| 3. Agenda Survey                               | All                                | 9:20 – 9:30 a.m.  |
| 4. Roundtable Discussion                       | All                                | Remainder of meeting |

### 2019 Meetings: 2nd Tuesday of each month
- September 10
- October 8
- November 12
- December 10
1. Clinical and Translational Science Institute (CTSI) Grant Renewal**

Hal Collard, MD

The CTSI’s mission consists of three pillars: to provide clinical research infrastructure to UCSF, to develop new tools and resources for clinical researchers at UCSF, and to educate UCSF students, faculty, and staff in clinical research.

While CTSI programs and services comprise the following:

- Pilot grants
- Research space and technical support
- Informatics
- Workforce development
- Community engagement
- Consultation services
- Team science and collaboration
- Special populations research
- Clinical trial support
- Implementation science and health policy

Of the above, pilot grants, research space & technical support, informatics, and workforce development are the most impactful. Specific examples of these program’s impact:

- **Pilot Grants**: This is the starter program managed through the Research Allocation and Catalyst Programs. Focus is on accelerating promising technology into use.
- **Clinical Research Space and Technical Support**: Through this program, CTSI provides technical support for procedures, etc.
- **Clinical Research Informatics**: This is a growth area exhibiting particular demand (big data). CTSI is focusing efforts on a process of delivering data from the electronic health record (EHR). There are over 30 EHS-enabled projects at this time.
- **Workforce Development**: K-Scholars; impacts the campus wide community and is remarkably successful. Other CTSAs are paying much attention to UCSF’s model.

CTSI Renewal

- This renewal process is a group effort and is currently at mid-point in the process; there is much outreach across the campus. The CTSI renewal vision is for the CTSI to Be the World’s Preeminent Health Sciences Innovator in Clinical Research. The renewal is based on four foundational pillars:
  - Ensure Excellence in Clinical Trials – there is increasing need here and there is a current focus in this area.
  - Promote Partnership Between Researchers, Health Systems and Communities – both internal and external.
  - Provide Centralized Infrastructure and Resources for Clinical Research – Early career development; workforce diversification (representative workforce of future leaders)
  - Educate Future Leaders in Clinical Research

Budget Overview:

- There has been a significant reduction in grant funding due to a change in NIH calculations; UCSF will receive less than 50% of the last renewal’s funding. Costs (and budget) are down for year 17 in part due to a shift of programs to institutional owners. The size of the CTSI has shrunk through attrition and matrixed roles; however, the CTSI
The Chase Center is the new home of the Golden State Warriors; there will be several events at the stadium in addition to basketball games, raising concern over traffic congestion and parking. Contributing to this concern:

- The maximum seating capacity for National Basketball Association games is 18,064, and 18,500 for concerts; however, the capacity of the arena parking garage is 950 stalls.
- Uber has leased the two towers on either side of the stadium and will utilize 50% of the garage space during work hours (garage spaces will be pre-sold to Warriors game ticket holders).
- There will be 29 retail establishments at the complex.

Many efforts are being considered to deal with expected traffic, including:

- Staggered start times for Giants & Warriors games
- Free MUNI rides for those holding warriors tickets
- MUNI express bus from BART
- 350 bike valets

UCSF parking is currently not available to Chase patrons (except for a small number allocated to police and media at certain times); UCSF staff will be on site to ensure authorized access at game times. It is not known at this time whether UCSF shuttle schedules will be adjusted on game days.

UCSF has put together a website to alert campus to events impacting traffic: https://eta.ucsf.edu; https://mycommute.ucsf.edu also assists with commute logistics. Transportation Services will observe traffic patterns and congestion and revisit options after there have been a number of games/events.

The members discussed several options, such as renting parking spaces in the UCSF garage, reserving spaces in the garage for patients and those enrolled in clinical trials. The proximity of the CalTrain train tracks posed a concern for some members.

Submit topics via the RAB agenda survey tool: https://ucsf.co1.qualtrics.com/jfe/form/SV_Sb6rQtFQ0K2UofP
Goals for today

• Review CTSI’s mission and impact
• Discuss CTSI renewal scope and timeline
CTSI mission

• Provide clinical research **infrastructure** to UCSF
• Develop new **tools and resources** for clinical researchers at UCSF
• **Educate** UCSF students, faculty, and staff in clinical research
CTSI overview

• Executive leadership
  • Hal Collard, Kirsten Bibbins-Domingo, and Lindsey Criswell (multi-PIs)
  • Hal Collard (director), Carmela Lomonaco (administrator)

• Programs/services
  • Pilot grants
  • Research space and technical support
  • Informatics
  • Workforce development
  • Community engagement
  • Consultation services
  • Team science and collaboration
  • Special populations research
  • Clinical trial support
  • Implementation science and health policy
CTSI impact

- **Pilot grants for clinical research**
  - Last year, CTSI provided $900,000 in pilot funding.
  - These grants are high impact
    - Have generated ~$420,000,000 in additional grant funding.
    - Have led to the development of 10 companies.

*Example: CTSI provided a Catalyst grant to Tippi MacKenzie to develop in-utero stem cell transplantation for alpha thalassemia major.*

CTSI impact

• Clinical research space and support
  • CTSI provides access to clinical research space and technical support across campuses.
  • Last year, CTSI supported 328 studies (space, procedural support, sample management).

Example: Neal Benowitz and Gideon St. Helen used CTSI’s research units to study the effects of e-cigarettes on addiction and health.

https://ctsi.ucsf.edu/news/cigarette-and-vape-industry-won%E2%80%99t-support-research-ctsi-will
CTSI impact

- **Clinical research informatics**
  - CTSI provides access to EHR data and EHR-based interventions.
  - Last year, CTSI performed 220 EHR-data extractions and supported 34 EHR-enabled interventions in APeX.

**Example:** CTSI helped Valerie Flaherman study integrating a web-based newborn weight tool into APeX to support clinical decision making.

CTSI impact

- **Workforce development: K scholars program**
  - CTSI-supported clinical research home for career development awardees.
  - Provides mentorship, networking, access to clinical research faculty, and work-in-progress seminars.

- **Career development awards (KL2)**
  - Support for 9 internal K awards

### Outcome of UCSF KL2 scholars (2005-11) Number (%)

<table>
<thead>
<tr>
<th>Position</th>
<th>Number (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Professor</td>
<td>15 (36)</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>20 (48)</td>
</tr>
<tr>
<td>Professor</td>
<td>4 (10)</td>
</tr>
<tr>
<td>Non-academic</td>
<td>3 (7)</td>
</tr>
</tbody>
</table>

**Grants and publications**

<table>
<thead>
<tr>
<th>Grants and publications</th>
<th>Number (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIH RO1 or equivalent</td>
<td>25 (59)</td>
</tr>
<tr>
<td>Foundation</td>
<td>18 (43)</td>
</tr>
<tr>
<td>Industry</td>
<td>10 (24)</td>
</tr>
<tr>
<td>Any as PI</td>
<td>38 (90)</td>
</tr>
</tbody>
</table>

# of first/last authored publications (mean) 8.5
CTSI renewal
Timeline

- **2019**
  - Today: 9/10/19
  - CTSI strategic planning process

- **2019-2020**
  - Primary grant writing and budget planning

- **2020**
  - Grant editing and budget finalization

- **2021**
  - Anticipated funding: 4/01/21
  - Current grant cycle/funding ends May, 2021

- Submission to NCATS: 4/15/20
Vision for renewal

Ensure **Excellence in Clinical Trials**

Promote **Partnership Between Researchers, Health Systems and Communities**

Be the World’s Preeminent **Health Sciences Innovator in Clinical Research**

Provide **Centralized Infrastructure and Resources for Clinical Research**

Educate **Future Leaders in Clinical Research**
• We have improved CTSI’s sustainability and operating budget over the last cycle:
  • Handed off successful programs to UCSF partners: e.g. Catalyst, BIOS (biobanking)
  • Reduced faculty and staff through attrition and matrixing of roles and responsibilities
Questions

• How does CTSI’s scope and focus match with institutional needs?
• What potential institutional partnerships should CTSI explore in support of clinical and translational science research at UCSF?
Vision for renewal (Aims overlay)

Ensure **Excellence in Clinical Trials**

- Efficient trial approval and activation
- Recruitment of diverse populations
- Clinical trial design services
- Lifecycle management of clinical trials

Promote **Partnership Between Researchers, Health Systems and Communities**

- UCSF-partner health system network
- Community advisory boards for research
- Translating evidence to policy and practice

Provide **Centralized Infrastructure and Resources for Clinical Research**

- UCSF Health Learning Health System pillar
- Pilot grant funding
- EHR-enabled research support
- K scholars and KL2 awards

Educate **Future Leaders in Clinical Research**

- Workforce diversity
- Research consultation
- Space and technical support for studies
- Clinical informatics curriculum
- Transdisciplinary science
Rock Your Commute
eta.ucsf.edu

Presented by
Arleen Bandarrae, Transportation Specialist, UCSF Transportation Services
Chase Center Facts

- Home to the Warriors
- 150 + events a year
- Max Capacity: 18,064 seats for NBA games | 18,500 seats for concerts
- Arena garage holds 950 cars
- Uber leasing 2 towers, ½ garage leased to Uber, during business hours
Chase Center Facts

- **Traffic** expected around 6 PM or later on weekdays

- **Game Start Changes:**
  - Giants weekday first pitch: 6:45 PM
  - Warriors weekday tip off: 7:30 PM

- **Concert Start / End Times:**
  - Headliner 8–9 PM, End 10 – 11 PM
  - Doors open 1.5 hours before

- **Retail & restaurant destination**
  - 10 inaugural tenants (eventually 29)
    - Dumpling time,
    - Gott’s Roadside
    - Belly & Sweet Belly
Chase (and UCSF): Promoting Transit First

- Free MUNI ride with Chase ticket
- Expanded Muni platform
- MUNI Express bus from BART
- Bike valet for 350 bikes
- Uber/Lyft along Terry Francois Blvd (geo-fenced)
- Interim Ferry w/ Chase ticket at Pier 48 (near Mission Rock)
- Planned commuter Ferry Terminal at 16th Street in 2021
- MUNI Central Subway connection coming
UCSF’s Chase Parking Plan

- At this time, UCSF parking facilities will not be open to Chase patrons
  - Except 30-40 spots in 3rd Street Garage for police & media after 6 PM weekdays and weekends
- All UCSF garages / lots will be staffed with extra personnel to ensure authorized access only
- Plus, we will post “no event” parking signs
Ready, Set, Chase!

- Grand Opening Concert Tomorrow, 18,000 attendees
- CLS tips to help you navigate the new Mission Bay
Rock your commute!

eta.ucsf.edu
Tip 1: Explore ETA Website

- Event & Traffic Alerts to prepare UCSF community
- 12,000 visitors, 20,000 page views
- Local Media Coverage

Welcome to eta.ucsf.edu!

Know what’s happening so you can rock your commute or know what to expect if visiting UCSF.

Gear up for the opening of the Chase Center, the arrival of the Warriors, and then some!

GET ALERTS
Tip 2: View, Subscribe to Calendar

- 30 Days at-a-glance
- Detailed event listings
- Subscribe
- Download a PDF
- Red and yellow traffic days
- Detailed listings below the calendar

Wednesday 9/4 - Morning Event and 3-11pm Concert
Expect major traffic delays starting in the afternoon in Mission Bay.

© CHASE CENTER
© 3PM
Tip 3: Get Alerts

- Submit your email to get alerts via email
  - Weekly Digest
  - All MB in Sept., subscribers only in Oct.
- 3,800 subscribers to date
- Alerts via also be communicated via:
  - Mobile app
  - Social media – UCSF Transportation Twitter
  - Digital Signage
- For alerts on your mobile phone, download the UCSF Mobile app
Tip 4: Rock Your Commute

- Find commute resources to rock your commute
  - MyCommute – solutions tailored to your location & destination
  - Resources including carpool, vanpool, biking and more options
- If your position allows
  - Change commute time?
  - Work from alternate location?
- If you need to come to campus, consider leaving your car at home
Tip 5: Know Best Routes (If Driving)

- Avoid Third Street

- Use Local Hospital Access Plan (LHAP) streets
  - LHAP not exclusively for UCSF
  - SFMTA Parking Control Officers (PCOs) will help keep traffic flowing and direct Chase vehicles along preferred routes
  - PCOs will not be asking for credentials

- Ambulances, shuttles, buses and taxis use red-striped “Transit Lane” (24/7) in each direction on 16th Street
Tip 5: Know Road Closures (If Driving)

- Heed street closures 90 minutes before events
  - “Soft closure” at Mariposa and IL
  - Be prepared to show UCSF credentials at this intersection
- Be aware of NB Third Street closure (toward end of events) to help pedestrian cross to Muni platform
Thank you, UCSF Commuters

- Only **26.2%** commuted to campus alone in a car
- **3.4%** telecommuted regularly at least one full day every two weeks
  - Up from 2.6 in 2017
- **13%** telecommuted “as needed”
  - Up from 12% in 2017
- **17.6%** have positions conducive to telecommuting but have department norms against telecommuting
  - Up from 15.3% in 2017

UCSF Transportation Trends 2018: Telecommuting is on the Rise

- **26.2%** Drive solo (held steady 2017-18)
- **32%** Public Transit
- **16%** Bike or Walk
- **11%** UCSF Shuttle
- **5%** Vanpool + Carpool (multi-occupant)
- **4%** On Demand (Uber/Taxi) + .7 percentage point increase from 2017
- **3%** Telecommute + 1 percentage point increase from 2017
- **1%** Motorcycle or Scooter
- **1%** Other
Pre-Tax Commuter Benefit Program
Save up to 40% (up to $265/month)

- Eligible Transit Expenses
  - Trains – Local and Commuter
  - All bus services
  - Ferries
  - Vanpool
  - Ridesharing – UberPool, LyftLine

- Eligible Parking Expenses
  - Parking at transit stations
  - Parking near work locations – automatically enrolled at UCSF parking facilities
Questions & Comments

Campus Life Services Contact Info:

**Arleen Bandarrae**, Transportation Specialist  
[Arleen.Bandarrae@ucsf.edu](mailto:Arleen.Bandarrae@ucsf.edu)

**Amit Kothari**, Interim Director of Transportation Services:  
[Amit.Kothari@ucsf.edu](mailto:Amit.Kothari@ucsf.edu)

**Clare Shinnerl**, Senior Associate Vice Chancellor, Campus Life Services:  
[clare.shinnerl@ucsf.edu](mailto:clare.shinnerl@ucsf.edu)
Link to RAB Agenda Survey

https://ucsf.co1.qualtrics.com/jfe/form/SV_5b6rQtFQ0K2UofP