UCSF Center for AIDS Prevention Studies (CAPS)

Division of Prevention Science
Department of Medicine

Marguerita Lightfoot, PhD  Director
Susan Kegeles, PhD  Co-Director
Mallory Johnson, PhD  Co-Director
UCSF

School of Pharmacy

School of Medicine

School of Nursing

School of Dentistry

Department of Medicine

27 other Departments

Division of Prevention Science
Chief: Lightfoot

Center for AIDS Prevention Studies (CAPS)
Director: Lightfoot

UCSF Prevention Research Center
Director: Lightfoot

15 other Divisions
Including Division of HIV/AIDS
Division of Prevention Science Faculty

- Professor (10)
  - Marguerita Lightfoot, PhD
  - Susan M. Kegeles, PhD
  - William J. Woods, PhD
  - Edwin Charlebois, PhD, MPH
  - Mallory O. Johnson, PhD
  - Maria Ekstrand, PhD
  - Torsten Neilands, PhD
  - Judy Auerbach, PhD
  - Janet Myers, PhD, MPH
  - Hong-Ha Truong, PhD, MS, MPH
  - Stephen F. Morin, PhD, Emeritus

- Associate Professor (7)
  - Jae Sevelius, PhD
  - Emily Arnold, PhD, MPH
  - Wayne Steward, PhD, MPH
  - Starley Shade, PhD
  - Greg Rebchook, PhD
  - Sheri Lippman, PhD, MPH
  - Parya Saberi, Pharm.D.
  - Mi-Suk Kang Dufour, PhD, MPH

- Assistant Professor (8)
  - Amy Conroy, PhD
  - John Sauceda, PhD
  - Judy Tan, PhD
  - Will Vincent, PhD
  - Will Brown, PhD, PhD
  - Kim Koester, PhD

- Affiliated CAPS Faculty
  - Sheri Weiser, MD
  - Carol Camlin, PhD, MPH
  - Willi McFarland, MD, PhD
  - George Rutherford, MD
  - Ariane Van Der Straten, PhD
  - Carol Dawson Rose, PhD, RN
  - Monica Gandhi, MD, MPH
  - Kat Christopoulos, MD, MPH
  - (and others)
CAPS, established in 1986

**CAPS Cores**

All provide Services, including consultations
Developmental Core
Director: Mallory Johnson

To support trainees & scientists to conduct high-impact, innovative, timely HIV prevention research

3 training programs: TAPS, VPS, ITAPS
Developmental Core provides:

- **Pilot funds** to support cutting-edge, interdisciplinary research in high-priority areas (Innovative Projects)
  - part of RAP - tends to be social/behavioral (like CAPS) - $40,000 - call is usually only in Spring
  - $ amount flexible

- **Peer review system** (for proposals, manuscripts; concept reviews, grant proposals, summary sheets)
  - chair & 3 peer reviewers, done in collegial manner

- **Town Halls** on various HIV-related topics (Tuesdays 11 – 12 pm)
Training programs

- TAPS (Traineeship in AIDS Prevention Studies – T32 postdoctoral training program, 8 fellows)
- Visiting Professors’ Program - Training Program for Early-Career Scientists doing Research to Reduce HIV Health Disparities
- I-TAPS (International TAPS)
- Mentoring the Mentors Program (joint CAPS & CFAR)
Methods Core
Director: Tor Neilands

- Optimize development and implementation of efficacious interventions
- Facilitate the use of emerging technologies
- Implement best practices in:
  - designing studies and measurement instruments
  - data acquisition
  - Data management
  - analysis
Qual and Quant Expertise

Quarterly workshops & seminars on emerging research designs and methods, e.g., recruitment of vulnerable populations

Pre and post-award consultations on refining research questions, study design, sample size, methods of analysis, qualitative & quantitative methods, optimal measures, qual & quant methods, interview questions

Participate in peer reviews of grant proposals
Community Engagement Core

Director: Greg Rebchook

BRING HIGH-IMPACT HIV PREVENTION SCIENCE TO COMMUNITIES

BRING COMMUNITIES’ PERSPECTIVES TO HIGH-IMPACT HIV PREVENTION SCIENCE
Facilitate communities’ access to and use of CAPS research

- Synthesize and disseminate cross-cutting research findings
  - Fact Sheets
  - Host National Transgender Health Summit in Oakland; last time had 880 attendees from 42 states and seven foreign countries.

- Provide TA to communities

- Help CAPS researchers develop effective, innovative, and broad-reaching dissemination strategies for their research
Supports scientists’ use of community expertise

- Maintains 12-member CAPS Community Advisory Board (CFAR is encouraged to use!)

- Hosts Town Halls in which CBOs taught faculty about their work

- Facilitates connections and partnerships between CAPS scientists and communities
  - Matched many scientists with community-based orgs and people
Intervention & Implementation Science Core
Director: Susan Kegeles

- TO FOSTER CUTTING-EDGE RESEARCH THAT WILL CREATE THE NEXT GENERATION OF PREVENTION INTERVENTIONS

- TO ENSURE THE SUCCESSFUL IMPLEMENTATION OF PREVENTION PROGRAMS AND TECHNOLOGIES WHERE THEY ARE NEEDED MOST
I & I Core: Spectrum of HIV Intervention and implementation Science
Galvanize interdisciplinary advances across the spectrum of HIV intervention & implementation science

- Leverage the latest findings in basic and HIV-related biomedical, social-behavioral, mental health, public health, and technology-related disciplines to inform innovations in HIV intervention design, testing, and scale-up
  - Town Halls on Newest Issues – e.g., up next is Behavioral Economics
  - Town Halls on other issues, eg, current status of adherence research internationally; retaining participants in mobile phone research

- Foster collaboration among multidisciplinary scientists to conduct innovative intervention research and guide the translation of effective interventions into practice
  - Interactive Town Halls, e.g., cure research – few weeks ago
  - Quarterly meetings on Implementation Science
Hone scientists’ skills to work along the spectrum of HIV intervention and implementation science

- Increase knowledge about intervention development and implementation approaches that are culturally competent and can be used to address myriad prevention targets
  - Developing fluency to study and work within diverse organizational, political, and social structures to foster the translation of effective interventions into practice
    - Town Hall on working with policy makers/policy environment to translate research into practice
Assure that CAPS research meets the highest ethical standards

- Consultations on ethical and human subjects issues arising in research projects
  - Former chair of IRB meets with investigators about IRB-related issues (86 consultations) on large variety of topics, e.g., different ways to compensate participants (via Venmo?), obtaining consent from minors, common rule
What can CAPS do for you?

- **Consultations**
  - Research design, analysis, data collection, ethics, recruitment, community engagement (including CAB input), intervention development

- **Pilot funds**
  - CAPS Innovative Grants through RAP

- **Peer reviews**
  - Grant applications (initial concept, full proposals, manuscripts)
  - Online request form

- **Town Halls at Mission Hall**
New Directions for CAPS

- Planning submission in 2020 for CAPS 8
- Meeting with key stakeholders
- Identifying priority areas
  - HIV-related health systems
  - Technological innovations
  - Co-occurring and multiplicative factors
- Bringing more early career investigators into leadership positions