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
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
  - Stephen F. Morin, PhD, Emeritus

- **Associate Professor (7)**
  - Jae Sevelius, PhD
  - Emily Arnold, PhD, MPH
  - Wayne Steward, PhD, MPH
  - Starley Shade, PhD
  - Hong-Ha Truong, PhD, MS, MPH
  - Greg Rebchook, PhD
  - Sheri Lippman, PhD, MPH

- **Assistant Professor (8)**
  - Parya Saberi, Pharm.D.
  - Mi-Suk Kang Dufour, PhD, MPH
  - 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
  - Carol Dawson Rose
  - (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 Winter

- **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)
TAPS (Traineeship in AIDS Prevention Studies – T32 postdoctoral training program, 8 fellows (50% are from URM groups) including:

- Akua Gyamerah, PhD
- Pam Murnane, PhD
- Paul Wesson, PhD
- Glenda Baguso, PhD
- Anna Leddy, PhD
- Chemtai Mungo, MD
- Sarah Puryear, MD
- Edda Santiago Rodriguez, DrPH

Visiting Professors’ Program - Training Program for Early-Career Scientists doing Research to Reduce HIV Health Disparities, most are from URM

- 12 faculty members from around US (UCSF, Emory, U of Mich, Temple, Mississippi State, Hopkins), in Nursing, Counseling, Epidemiology, Social Work & other)

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

- Provide assistance in formation and working with a data and safety monitoring board (DSMB)