

# International research on HIV at UCSF



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**Introduction to the UCSF/CFAR Research Enterprise, Nov. 19, 2021**



# Global research on HIV at UCSF

- UCSF the largest? among largest? research institutions in the U.S. in HIV research funding
- Multiple centers and institutes as well as large multi-site clinical trial networks
  - CFAR, ARI, CAPS, Bixby Center, IGHS, etc.
- Across multiple schools and departments
- Across multiple disciplines
  - ***Unparalleled opportunities for cross-disciplinary collaboration in global research on HIV***



# UCSF faculty engaged in HIV research in global settings

- ▶ **Department of Medicine, Division of HIV, Infectious Diseases & Global Medicine**
  - ▶ 34 full-time faculty, 7 postdoctoral scholars, 6 clinical fellows, 100+ international research staff
  - ▶ 87+ Research projects in North America, South America, Europe, Africa and Asia



Diane Havlir, MD



Steven Deeks, MD



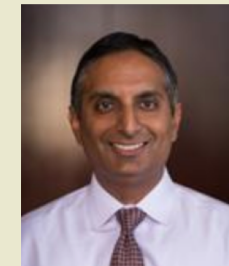
Monica Gandhi, MD



Gabriel Chamie, MD



Judy Hahn, PhD, MA



Vivek Jain, MD



Sheri Weiser, MD

**....and many others**



**SEARCH** Health Fair in Uganda



# UCSF faculty engaged in HIV research in global settings

**Department of  
Medicine, Division of  
Prevention Science**

**UCSF** Center for AIDS  
Prevention Studies  
Division of Prevention Sciences



Jae Sevelius, PhD



John Saucedo, PhD MS



Hong-Ha Truong, PhD,  
MS, MPH



Wayne Steward, PhD



Sheri Lippman, PhD



Amy Conroy, PhD



Maria Ekstrand, PhD



Edwin Charlebois, PhD



# UCSF faculty engaged in HIV research in global settings

## Department of Epidemiology & Biostatistics



Jeffrey Martin, MD  
MPH



Bruce Agins, MD



Rachel King, PhD



Meghan Morris, PhD, MPH



Erin Meek, PhD, MPH



Patience Afulani,  
PhD, MD, MPH



George Rutherford, MD



Starley Shade, PhD



Paul Wesson PhD



Pamela Murnane,  
PhD, MPH

# UCSF faculty engaged in HIV research in global settings

## Department of Obstetrics, Gynecology & Reproductive Sciences



**Bixby Center**  
for Global  
Reproductive  
Health



Craig Cohen, MD



Zvavahera (Mike) Chirenje,  
MD, FRCOG



Rachel Kaplan, PhD



Margaret (Waru)  
Gichane, PhD



Carol Camlin,  
PhD, MPH



Sara Newmann, MD, MPH





# UCSF faculty engaged in HIV research in global settings

Elsewhere across the university



Margaret Feeney, MD



Ted Ruel, MD



Peter Hunt, MD



Jerry John Nutor, PhD,  
RN, MS



Carol Dawson-Rose,  
RN, PhD, FAAN



Susan Meffert, PhD, MPH



# My current portfolio of work

## As PI / MPI:

- **Mentoring Clinical Investigators in Patient Oriented Research on Human Mobility and HIV (K24MH126808, Camlin, 2021-2026)**
- **Self-Test Strategies and Linkage Incentives to Improve ART and PrEP Uptake in Men (R01MH120176, Camlin/Thirumurthy, 2019-2023)**
- **Understanding Mobility and Risk in SEARCH Communities (R01MH104132, Camlin, 2016-2021)**
- **Strengthening behavioral and social science research capacity to address challenges in HIV care & prevention in Uganda (Kamya/Camlin/ Katahoire, 2019-2024)**

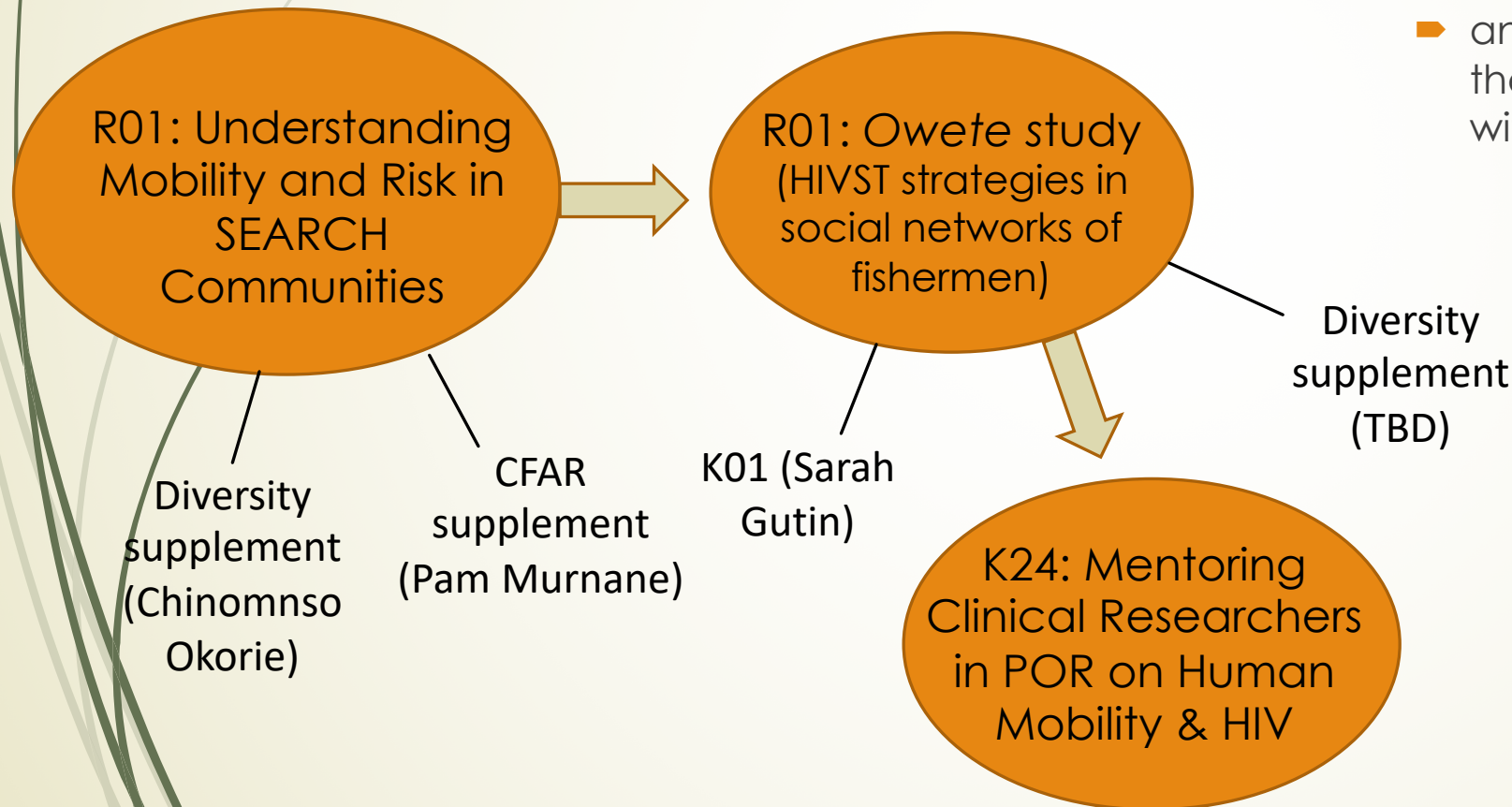




# Lines of research & scholarship

## Human mobility, gender, and HIV

- a focus on migrant and highly mobile women-under-recognized and at high risk



## Qualitative and mixed methods within clinical trials to understand pathways of intervention action

- an interpretivist approach, towards theory generation, in collaboration with data collectors



- SEARCH and affiliated studies (Havlir)
- Alcohol and TB studies (Hahn, Chamie)
- Economic incentives studies (Geng, Thirumurthy)
- Mentee projects (~10)

# Research collaboration: Sarah Gutin

- ▶ Using retrospective cohort study data (1R01MH104132, PI Camlin) to conduct longitudinal multilevel analyses exploring impacts of mobility on HIV risk behaviors in rural couples in Kenya/Uganda
  - ▶ Key finding: Sexual risk behaviors within couples are impacted by typologies of mobility, and gender of mobile partner.
- ▶ K01 proposal submitted to NIMH examining approaches for improving male engagement in safer conception/ sexual and reproductive health (SRH) in context of mobility in Kenya
- ▶ UCSF RAP grant application submitted - Development of novel scales to measure HIV-specific social support for safer conception and male involvement in safer conception approaches for the prevention of HIV





# Research collaboration: Pam Murnane



- **Mobility in SEARCH sub-studies**
- *RAP grant*: Distinct forms of human mobility are differentially associated with HIV treatment adherence
  - uses Mobility in SEARCH data + hair ARV concentrations as metric of adherence, manuscript under review
- *CFAR Administrative Supplement*: Geospatial & temporal analyses of HIV-related risk factors in mobile populations
  - Two secondary data analyses (one spatial, one latent trajectory model) examining mobility among persons living with HIV in association with risk of onward transmission
  - One qualitative study examining how mobility influences attitudes/preferences re: PrEP in pregnant/postpartum women (first interviews conducted this week!)



# Resources for getting involved

- ▶ UCSF Institute for Global Health Sciences **GLOBAL PROGRAMS for Research and Training**
- ▶ Offices in [Kenya](#), [Mozambique](#), [Namibia](#), [Tanzania](#) and [Uganda](#) to support UCSF researchers. Additional office in South Africa pending.
  - ▶ All offices provide administrative support (logistics, contracts, compliance, etc.); many have project management staff.
  - ▶ Expertise in informatics, monitoring and evaluation, surveillance and strategic information.
- ▶ Global Health Sciences “Decolonizing Global Health” project and series (Mike Redi, Sun Cotter)



Are you a UC researcher interested in working with a Global Programs Office?

Find out more [➔](#)