

National HIV Testing Day

June 27, 2010



University of California
San Francisco

UCSF

Center for AIDS
Prevention Studies (CAPS)
Technology and Information
Exchange (TIE) Core

Center for AIDS Prevention Studies (CAPS)

Research Resources

on HIV Counseling
and Testing

www.caps.ucsf.edu

Center for AIDS Prevention Studies (CAPS) Research & Resources on HIV Counseling and Testing

This brochure lists CAPS research with women and girls and helpful resources produced by CAPS. You might use it to:

- Stay up-to-date on research and learn what we found out from research
- Use the materials in trainings/presentations
- Advocate for services/funding
- Write grants
- Develop new or modify existing HIV prevention programs
- Evaluate current programs
- Connect with CAPS to develop new projects. Lead researchers (PIs) are listed for each study. Contact us below to connect.

Questions? Comments? Contact Marliese Warren, 415/597-4995 or Marliese.Warren@ucsf.edu.

This brochure was prepared by the Technology and Information Exchange (TIE) Core: "Tying research and community together."



Acronyms

MSM – Men who have sex with men

PI – Principal Investigator (Lead researcher on the study)

VCT - Voluntary counseling and testing

Research with Men Who Have Sex with Men

Bruthas Project Randomized Controlled Trial

Project Staff: Emily A. Arnold PhD (Academic PI); Carla Dillard Smith MA (Community PI); Susan M. Kegeles PhD (Co-PI); Michael Arnold PhD (Statistician); Michael Benjamin (Project Director); Don Operario PhD (Consultant, Brown University); Shakema Snow (Project Data Manager), Desmon Pierceson (Counselor)

The Bruthas Project is a randomized controlled trial of an enhanced HIV counseling intervention focused on African American men who have sex with men and women. The Bruthas Project intervention sessions address: increasing comfort with one's personal identity, establishing positive relationships, and building safer sex skills.



Currently Recruiting For information about free HIV testing or how you can qualify for our paid survey, call 510-467-8432 or 510-874-7850 ex 132.

Project Website: www.bruthasproject.com

A Community-Level HIV Prevention Intervention for Young Black MSM

Project Staff: Susan Kegeles (PI); John Peterson (Georgia State University, Co-PI); Greg Rebchook (Co-PI); David Huebner (University of Maryland, Co-investigator); Starley Shade (Statistician, Co-investigator); Robert Williams (Intervention Specialist)

This project will test an adaptation of the Mpowerment Project for young Black MSM. The Black Mpowerment Project will take place for two years in Dallas, TX. Houston, TX will be the comparison community.

Bit of Research: *One theme for adapting Mpowerment was the importance of emphasizing the whole man. Young Black men do not want to be reduced to their sexual activities and desires. Recognize that their identity includes family, spirituality, community, history, etc.*

Evaluation of SFAF's Magnet Program

Project Staff: Wayne T. Steward PhD MPH - UCSF, Steve Gibson MSW - San Francisco AIDS Foundation (PIs); Kimberly Koester MA, Gabriel Galindo DrPH (Co-Is)

In this community collaborative project, CAPS and the San Francisco AIDS Foundation will evaluate Magnet, a clinic and community center located in the Castro District of San Francisco, the City's primary gay and lesbian neighborhood.

Men of Asia Testing for HIV (MATH)

Project Staff: Tri Do MD MPH (PI); Audrey Bangi PhD MPH

The Men of Asia Testing for HIV (MATH) study is a national collaboration in New York, Boston, Philadelphia, San Francisco Bay Area and Los Angeles. We are studying the scope of the HIV epidemic among Asian and Pacific Islander MSM, and who is at risk for becoming infected.

Bit of Research: *Most men had been tested for HIV, although the average time since the last test was 4.6 years. There were 3 new HIV infections— 25 men tested positive, and 22 already knew they were HIV+. Most men were born outside the US mainland and said that English was not the language with which they were most comfortable.*

A Structural Intervention to Improve HIV Test Counseling

Project Staff: Nicolas Sheon PhD (PI); Noah Carraher (Project Director); Shelley Facente (Collaborator- San Francisco Dept. of Public Health)

This project developed a risk assessment survey that HIV rapid testers take using a hand-held computer (PalmPal) before they see the counselor. This way, counselors can devote more time to discussion about testers' current situation and develop a future risk reduction plan.

Bit of Research: *The PalmPal Intervention has been implemented at three HIV testing agencies in San Francisco which collectively conduct the majority of HIV tests in the City: Magnet, Forensic AIDS Project (SF Jails) and UCSF AIDS Health Project.*

Research with Injection Drug Users

UFO Project

Project Staff: Kimberly Page PhD MPH (PI); Paula Lum MD MPH, Judith Hahn PhD MPH, Stewart Cooper MD FRCP, Eric Delwart PhD, Mike Busch MD PhD, Leslie Tobler DrPH MPH, Peter Davidson (Co-Is); Alice Asher RN MSN CNS, Alya Briceño (Project Directors); Pam Axelson, Clara Brandt, Giuseppe Cavalleri, Caycee Cullen, Jennifer Evans, Noah Gaiser, Marie Gobidas, Alex Monk, Christina Mueller-Shin, Felipe Ramirez, Jason Storm, Michelle Yu.

The UFO Study is a constellation of research studies and projects focusing primarily on viral hepatitis, particularly hepatitis C virus (HCV), among young injection drug users (IDU) in San Francisco.

Bit of Research: *HIV prevalence is lower than HCV prevalence at 5.3%. The majority (88%) of HIV infections in UFO participants are in males, and HIV prevalence was highest among male IDUs who have sex with men.*

Project Website: www.caps.ucsf.edu/projects/UFO/



International Research - Africa

Couples-Based Voluntary Counseling and Testing and HIV Prevention in South Africa



Project Staff: Lynae Darbes PhD (PI); Sibongile Dladla (Project Director); Xoliswa Behane, Mthokozisi Nhlapho, Hanifa Mtshizana, Dudu Mokhele, Mxolisi Dlamini (Staff)

This project in Soweto, South Africa, looked at heterosexual couples' perceptions and attitudes towards couples-based VCT, as well as relationship-based predictors of HIV risk in couples (communication, intimacy, commitment, etc.).

Bit of Research: For a majority of participants (both male and female) relationship factors were the primary motivation for participating in couples-based VCT, with the following themes: development and deepening of relationships; couples-based VCT as a necessary precursor to getting married or having children; couples-based VCT facilitating trust in relationships.

Family-Based HIV Voluntary Counseling and Testing in Patients at Risk for Tuberculosis

Project Staff: Edwin Charlebois PhD MPH (PI)



This study tests an intervention of HIV rapid testing and integration of HIV VCT into TB evaluation and home-based VCT for family members. We hope to overcome barriers to HIV VCT among new TB patients and their family members.

Bit of Research: Fear of stigma is often reported as a reason for not seeking HIV testing or evaluation for TB. TB and HIV are linked in

patients' minds: TB stigma is associated with fears of casual contagion and HIV stigma is associated with blaming and shaming attitudes towards persons with HIV.

The MAMAS Study: Effects of HIV/AIDS Stigma on Use of Services by Pregnant Women in Kenya

Project Staff: Janet Molzan Turan PhD MPH (PI); William L. Holzemer RN PhD FAAN, Craig R. Cohen MD MPH, Elizabeth A. Bukusi MD MPH PhD, Suellen Miller RN CNM PhD (Co-PIs); Katie Doolan, Maricianah Onono, Noah Carraher, Charles Awuonda

The Maternity in Migori and AIDS Stigma Study (MAMAS Study) will interview childbearing women who use antenatal care (ANC) services at clinics in Migori and Rongo Districts in Nyanza Province, Kenya to assess their perceptions of HIV/AIDS stigma and uptake of HIV testing.

Bit of Research: Anticipated stigma, especially from the male partner and family members, may be an important factor in pregnant women's decisionmaking regarding HIV testing in rural Kenya.

Positive Prevention in Mozambique

Project Staff: Carol Dawson Rose PhD MSN RN (PI); Monica Dea MPH MA, Tomiko Conner MPP MPH, Shannon Eng

We partnered with the Ministry of Health in Mozambique to adapt, pilot, and implement an US evidence-based Positive Prevention (PP) intervention within two sites in rural Mozambique. The first site focuses on building healthcare provider skills around effective risk assessment and prevention messages for their HIV+ patients. The second site focuses on prevention messages within one community-based VCT center and an accompanying peer support group.

Project Website: We have developed a Positive Prevention Toolkit in English and Portuguese: www.positiveprevention.ucsf.edu/

Project Accept: A Phase III Randomized Controlled Trial of Community Mobilization, Mobile Testing, Same-Day Results, and Post-Test Support for HIV in Sub-Saharan Africa and Thailand

Project Staff: Stephen F. Morin PhD (PI); Alfred Chingono MSc (Co-PI, University of Zimbabwe-UCSF Research Collaborative); Gertrude Khumalo-Sakutukwa MSSW MMedSc (Co-I); Godfrey Woelk (Co-I, University of Zimbabwe-UCSF Research Collaborative); Sebastian Kevany MPH (Project Director); Jay Newberry MSSW (Analyst); Andrew Timbe (Project Director, University of Zimbabwe-UCSF Research Collaborative); Alpha Zungura (Project Administrator, University of Zimbabwe-UCSF Research Collaborative)

We are one of four sites of a multi-site, international prevention trial, conducted in 34 communities in Africa (Tanzania, Zimbabwe, and South Africa) and 14 communities in Thailand. The intervention will make VCT more available in community settings; engage the community through outreach and community mobilization; and provide post-test support services.



Bit of Research: A total of 10,789 residents of the 32 communities in Tanzania, Zimbabwe and Thailand participated in VCT during the first 12 months of the study. Intervention communities had four times as many people testing (8,692) as the comparison communities (2,097). This five- to nine-fold increase in testing indicates that the provision of mobile services, combined with appropriate support activities, may have dramatic effects on utilization of VCT.

Project REAC: Prevalence and Duration of False-Positive HIV Test Results in Acute Malaria

Project Staff: Edwin Charlebois PhD MPH

This project will investigate the interaction between acute malaria and false positive HIV test results in three of the most common rapid HIV tests used in sub-Saharan Africa among 450 HIV- children aged 2-17 years being followed for malaria in Kampala, Uganda.

Strategies for Promoting Male Circumcision through Voluntary Counseling and Testing in Rural Sub-Saharan African Communities

Project Staff: Stephen F. Morin PhD (PI); Gertrude Khumalo-Sakutukwa MSSW MMedSc, Heidi van Rooyen MA, Godfrey Woelk PhD, Alfred Chingono MSc, Linda Richter, PhD (Co-PIs); Admire Chirowodza MA (Project Director, Zimbabwe); Andrew Timbe MA (Qualitative Coordinator, South Africa)

This project is designed to improve understanding of how to incorporate the concept of male circumcision into broader HIV prevention planning for sub-Saharan Africa. The project took place in two sites: Mutoko, a rural district in the Mashonaland East Province of Zimbabwe and Vulindlela, a rural district in the province of KwaZulu-Natal, in South Africa.

Bit of Research: *In Vulindlela, residents reported media saturation on male circumcision for HIV prevention, more frequent discussions on HIV prevention, and that male circumcision is associated with manhood, sexuality and hygiene. In Mutoko, residents reported they are not familiar with male circumcision, regard male circumcision as an alien practice and do not link male circumcision to HIV prevention.*

Policy Research

Evaluation of Patient Perspectives on Routine HIV Screening in Health Care Settings

Project Staff: Janet Myers PhD MPH (PI); Deborah Cohan MD MPH (Co-PI); Andres Maiorana MA MPH, Lisa Georgetti BA

We are developing and pilot testing a set of evaluation tools for use by clinical sites implementing routine HIV screening in primary care settings in accord with updated guidelines released by the CDC in 2006. Findings from this project will be collected in a toolkit of clinical evaluation instruments and protocols that will be disseminated through the HRSA AIDS Education and Training Centers.

Evaluation of Patient and Provider Perspectives on Routine HIV Screening in Emergency Departments

Project Staff: Tim Lane PhD MPH, Sheri Weiser MD MPH (PIs); Kim Koester MA, Katerina Christopolous MD, Stuart Gaffney

This project will evaluate the implementation process of routine testing for HIV in three Bay Area hospital emergency departments: Alameda County Medical Center-Highland Hospital, Alta Bates Summit Medical Center and San Francisco General Hospital.

Using Technology to Streamline Client Data Collection and Improve HIV Test Counseling

Project Staff: Nicolas Sheon PhD (PI)

This study will determine the acceptability and translatability of PalmPal, an innovative structural intervention we designed to improve the process of HIV test counseling. PalmPal is a ten minute risk assessment questionnaire that is self administered by the client using a handheld computer just prior to the test session.



Technical Assistance and Capacity Building

AIDS Education and Training Centers' HIV Recommendations Training Initiative

Project Staff: E. Michael Reyes MD MPH (PI); Mona Bernstein MPH, Michelle Kipper

This project provides technical assistance to medical settings to promote and support expanded HIV testing, per the 2006 CDC Revised Recommendations for HIV Testing. We will work with one community health center or public health clinic to implement opt-out HIV testing when feasible, given state laws and regulations, for primary care clients between the ages of 13 and 64. We will also develop a binder of resource materials to support implementation in community health center settings.

Rapid HIV Testing in Labor and Delivery (RTLTD) in California

Project Staff: E. Michael Reyes MD MPH, Carol Dawson Rose RN PhD (Co-PIs); Mona Bernstein MPH (Pacific AIDS Education and Training Center- PAETC)

This three-year capacity building project targets labor and delivery departments in 120 California hospitals to implement HIV rapid testing with women presenting in labor with no previous documented HIV test or prenatal care.

Bit of Research: *As of July 2008, 122 facilities out of 256 (47.6%) in California have been involved in the RTLTD project. At 27% of labor and delivery departments, rapid testing was available and offered to all women; at 21% it was available and offered to some; at 20% rapid testing was available but not to Labor & Delivery; at 19% it was not available; and at 13% it was unknown if testing was available.*

Strengthening Capacity to Deliver HIV Research Counseling and Testing in International Biomedical Prevention and Treatment Trials

Project Staff: Jonathan Fuchs MD MPH (PI); Janet Myers PhD MPH (Co-PI); Sarah Colvario BA CHES; Ed Wolf BA; Christie Villa BA; and the HIV Research Counseling and Testing Working Group

In this project we will develop, pilot and evaluate a curriculum for improving HIV research counseling and testing skills among staff working in international prevention and treatment clinical trials. We are developing a novel self-directed learning curriculum including a DVD/e-Learning approach and an enhanced component for training supervisors to support on-going HIV research counseling and testing (train the mentors). These will be piloted in Peru and South Africa.

Past Research

Project Access

This study examined counseling and testing utilization and prevention programs through the perspective of drug-using clients in Alameda, Contra Costa and San Mateo counties.

Bit of Research: *Some of the structural barriers to testing for drug users were: restricted hours, lack of transportation, inexperienced phlebotomists and insensitive providers.*

Project Website: www.caps.ucsf.edu/projects/Access/

The Voluntary HIV Counseling and Testing Efficacy Study

This was a randomized clinical trial of the effectiveness of VCT for the prevention of new HIV infections in Kenya, Tanzania and Trinidad.

Bit of Research: *Couples assigned VCT reduced unprotected intercourse with their enrolment partners significantly more than couples assigned health information.*

Project Website: www.caps.ucsf.edu/projects/VCT/

CAPS Resources

CAPS HIV Counseling and Testing research and publications

www.caps.ucsf.edu/articles/article.php?kw=counselingtesting

Fact Sheets

www.caps.ucsf.edu/pubs/FS/

- **What is the role of disclosure assistance services in HIV prevention?**
www.caps.ucsf.edu/pubs/FS/PCRSFS.php
- **What Is the role of counseling and testing in HIV prevention?**
www.caps.ucsf.edu/pubs/FS/C&T.php
- **How is rapid testing used in HIV prevention?**
www.caps.ucsf.edu/pubs/FS/rapidtesting.php
- **What is the role of rapid testing for US-Mexico border and migrant populations?**
www.caps.ucsf.edu/pubs/FS/borderrapidtesting.php

Hojas de Datos en español

www.caps.ucsf.edu/espanol/hojas/

Survey Instruments

www.caps.ucsf.edu/tools/surveys/

- **Topics include counseling and testing, healthcare providers, risk behavior, adherence, coping, substance use and knowledge/attitudes.**

Evaluation Manuals

www.caps.ucsf.edu/pubs/manuals/

- **Good Questions Better Answers: A Formative Research Handbook for California HIV Prevention Programs**
- **Working Together: A Guide to Collaborative Research in HIV Prevention**

Intervention Curricula

www.caps.ucsf.edu/tools/curricula/

- **Programs for HIV+ and HIV- persons.**

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