

# HORIZONS

Global Leadership, Research & Development  
Responsibilities & Best Practices in HIV/AIDS

## FINAL NARRATIVE REPORT

29 July 1997 — 30 July 2008

Population Council  
International Center for Research on Women  
International HIV/AIDS Alliance  
PATH  
Tulane University  
Family Health International  
Johns Hopkins University  
University of Alabama (Phase 1)  
Tulane University



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# Horizons Final Narrative Report

July 29, 1997 – July 30, 2008

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## Abbreviations and Acronyms

AIDS	Acquired Immune Deficiency Syndrome
ANC	Antenatal care
ART	Antiretroviral therapy
ARV	Antiretroviral
FBO	Faith Based Organization
FP	Family Planning
HAART	Highly Active Antiretroviral Therapy
HIV	Human Immunodeficiency Virus
MCH	Maternal and Child Health
MSM	Men who have Sex with Men
MTCT	Mother-To-Child Transmission
NGO	Non-Governmental Organization
OVC	Orphans and Vulnerable Children
PEPFAR	President's Emergency Plan for AIDS Relief
PLHA	People Living with HIV/AIDS
PMTCT	Prevention of Mother-To-Child Transmission
STD	Sexually Transmitted Disease
STI	Sexually Transmitted Infection
TB	Tuberculosis
USAID	United States Agency for International Development
USG	United States Government
VCT	Voluntary Counseling and Testing
WHO	World Health Organization

## I. DIRECTOR'S PREFACE

What do you think it is like to be a gay man in Kenya? Imagine that you are 25 years old, and living hidden life in Nairobi. If you reveal yourself as a gay man, you could be in for physical harm, harassment from the police, social discrimination, and ostracism from your family. Because you lack information about how to protect yourself, because the society does not permit open and monogamous relationships between men, and because you sometimes buy or sell sex for money, you engage in unsafe sex. You acquire sexually transmitted infections that go untreated. And quite possibly you are infected with HIV. You walk around with many secrets you cannot share with your family or friends or maybe a wife.

This is a personal tragedy. But there are also serious consequences for society. Sex among marginalized groups is a key driver of the HIV epidemic. The social stigma drives the epidemic underground. The virus spreads best when there is no testing, no treatment, and poor knowledge of the risk factors that lead to the disease.

Despite everything I have described about this man—there are many people who say this man does not exist. They say there are no gay men in Kenya. This is not our problem. Because there was no recognition of his existence, our man, for years had nowhere to go for help—condoms, STI treatment, safe lubricants or counseling.

\* \* \*

Meena is a 33-year-old widow with 3 children living in Delhi, and she is infected with HIV. After becoming sick Meena's family brought her to the largest government hospital in the city. Her family suspects she has AIDS and is afraid to be around her, and is worried about what the neighbors would think, so they have left her alone at the hospital.

At the hospital, Meena was assigned a bed at the end of the ward, as far as possible from other patients. That bed is never used for patients that do not have HIV. There's a sign at the end of the bed says "High Risk Patient." The case sheet on the clipboard hanging on the end of the bed has "HIV-positive" written in red ink so that anyone glancing at it can see Meena's status. Everyone on the ward—the doctors, other patients, nurses, sweepers, and ward boys—knows or has figured out Meena's HIV-positive status. Consequently, she is shunned and avoided where possible. Many of the staff attend to Meena less frequently than other patients. And they spend less time with her when they do attend to her.

When Meena is given care, the staff take precautions not used with other patients. The nurses wear masks to change her bed. In a setting with a shortage of supplies, the doctor uses two sets of latex gloves before touching her. Meena was one of the lucky patients—she did receive treatment, however fearfully it was applied, and her condition improved.

But when she was discharged, she watched as her linens were taken to be burned and her thermometer was broken so it couldn't be used by anyone else.

Imagine how Meena must have felt—she had no privacy, she was made to feel ashamed and less deserving of care than the other patients, and she would be very reluctant to go to the hospital ever again, continuing the cycle of fear and stigma associated with learning one's status and seeking treatment for infection.

\* \* \*

Ruth, who lives in the outskirts of Mbabane, the capital of Swaziland, is 19 years old, married, and excited to be pregnant with her first child. She goes to the local health center, which provides pre-natal services for all of the women in the village. The nurses at the clinic talk to her about the need for HIV testing, and the clinic offers both PMTCT counseling and treatment. Sadly, Ruth—like 40 percent of the women in Swaziland who get pre-natal checkups—is HIV-positive. Ruth is disheartened but not surprised to learn that she is HIV-positive, and she is concerned that she will pass HIV along to her unborn child. She eagerly engages in the counseling provided by the clinic, and takes the pill they give her to help reduce the chance of transmission.

Ruth goes home, and in fact safely delivers a baby girl, much to the delight of Ruth, her husband, and her extended family.

But no one is there to help her breastfeed properly to continue to reduce the chance of transmitting infection. And no one had told Ruth about cotrimoxazole prophylaxis to protect her baby against common infections that could prove fatal if she was infected, or even how to find out if her baby is herself HIV-positive. And no one helps Ruth address her own HIV infection. While her baby slowly grows, her HIV status unknown, and lacking the simple but powerful protection from a commonly available antibiotic, Ruth herself becomes ill compromising her ability to care for her child.

\* \* \*

All of these stories have something in common. They are real stories about some of the most vulnerable people on earth. Like you and me, these people want to work, have rich relationships with family and friends, be productive members of their communities, and live long lives. But they are also poor, and at risk of acquiring and dying from HIV.

They have something else in common. They receive services and care from good people who are trying to help, but who often lack the knowledge, data, and tools to offer them what they need. The Horizons program was built to address the needs of these three people, their service providers, caregivers, and many millions of others that are in similar situations.

There are three fundamental cornerstones of Horizons work. First, we have tried to address ignorance, bias, fear, and stigma by generating high-quality scientifically-driven data. These data have fundamentally increased our knowledge base about the opportunities and challenges to effective HIV programming. This is what we call our “evidence base,” and developing a solid evidence base is our ticket for entry into structures and institutions who want to make change, or who we want to change. It provides the credibility for analysis and recommendations that follow. As researchers, we know that our recommendations are only as good as our data, so at Horizons we worked extremely hard to make sure that our data were top quality. One of the last projects within Horizons, in fact, was to make our data available to researchers around the world.

Second, our mandate was not only to develop data about the nature and existence of problems, but also what to do about it. With the data in hand, we developed and tested solutions to the most pressing problems—producing the evidence-based strategies that are a key output of operations research. The third cornerstone of the Horizons work is equally important. We know that writing reports has rarely, if ever, accomplished anything on its own. In every case, Horizons worked with the appropriate change agents—government officials who want better lives for their people, hospital administrators who are open to new approaches, nurses in clinics who work hard to protect the health and safety of their patients, community leaders who want to see their neighbors prosper, and donors who provide critical resources—to bring about change in systems, programs, procedures, and practices to improve the lives of the people they serve.

This process that I have just described is “Operations Research.” We have hundreds of reports, fact papers, updates, summaries, and other publications on individual studies; and we have created a CD with a compilation of Horizons publications. Moreover, we have synthesized our methodology into an operations research toolkit, which contains all of the necessary elements for designing a successful HIV-related operations study, from developing the research protocol to collecting and analyzing data to turning research into practice. This toolkit is intended to allow other researchers to build upon the Horizons legacy, and to utilize the field-tested approaches developed and used by Horizons researchers. This, too, is available on a CD.

\* \* \*

Remember our 25 year old in Kenya? Remember when I told you that people say that he doesn't exist? Horizons helped to change all of that. We have demonstrated through our research that he does exist, and that there are thousands more men in his situation. This was path-breaking work that brought scientific methodologies and rigor to what had been a very emotionally charged topic.

We had good data, and sound recommendations. But that wasn't enough. These needed to be presented in the right way, by the right people, to the right government officials to make change. It was the Horizons team and our credibility with decision-makers that got us in the door and allowed the Kenyan government to consider the data and analysis in a thoughtful manner, and to be open to create a new framework for the community of men who have sex with men (MSM). We are helping Kenya devise strategies to address the needs of this population, creating services friendly to them that include HIV testing, condoms, STI treatment, and HIV care. The result, when implemented, will be a health care system that does not systematically exclude an entire segment of the Kenyan population at risk of HIV, and that begins to chip away at the stigma and discrimination that MSM experience.

Not all change begins at the national level. In India, to help people in Meena's situation, we started at the hospital level. The research team provided hospital managers with a “PLHA friendly checklist”, to help hospitals self-assess how well they met gold standards of care for HIV patients. Then, they engaged hospital managers in a participatory process to develop action plans to address stigma and discrimination. As a result, hospitals changed practices, improved training, developed new procedures, and did a much, much better job of dealing with patients who have HIV. For women who came in after Meena, it meant that they were treated like any other patient—they were not segregated; their information was kept private; and their dignity was upheld. In this case, we identified strategies that better allocated hospital resources to more effectively serve their patients and protect and engage their staffs.

And in Swaziland, it turns out many of the solutions to the situation that Ruth faced had already been proposed and outlined by the National Ministry of Health and Social Welfare. In this case, Horizons' key role was to identify the elements of the strategy that were not being implemented, to figure out why, and to work with the clinics to devise new procedures to make the strategy a reality.

What this means for Ruth or women like her, is that instead of being given a package of pre-natal services and leaving it at that, they are now provided with a full set of post-natal counseling, testing, and medical services. This new package considers the needs of the baby and the mother, and offers a better chance for both to have a healthy future. Importantly, after implementing the strategy, we measured the results and saw a significant increase in the quality of care. When quality of care increases, people access services more. And when they access services more, health outcomes improve.

\* \* \*

I hope these three stories illustrate the kind of impact that Horizons has had on people's lives. These are just three examples; there are many more. Because of the scope and scale of Horizons, we have been able to multiply this impact to many hundreds of thousands of people around the globe on a wide-ranging set of issues.

As I mentioned earlier, the first step in operations research is to collect data. So here is some: since Horizons was awarded in 1997, we have carried out 150 activities. These include consultative meetings to set the agenda; formative research to understand the problem; quick and clean studies of the feasibility and acceptability of a program strategy or a component; and complex, multi-year, multi-country impact assessments of approaches.

HIV programming is broad and complicated. Consequently so has been the Horizons research agenda with 38 percent of our portfolio addressing prevention strategies, 37 percent focusing on treatment, and the remaining one-quarter on care and support. This work has been carried out in 28 countries, including 20 global and 7 regional projects. Horizons has worked in four continents, though the majority of our work has been in east and southern Africa.

We are pleased that Horizons has, directly and indirectly, touched so many people's lives. But every Horizons researcher will tell you that our first responsibility has been to the participants in our studies. It has been their willingness to take part in our work that has made it so rich in results and so meaningful in impact. In return, in every study we have been deliberate and conscientious in our respect of their rights, privacy, and time.

I am proud of Horizons and its contributions to the field. I am pleased to say that today—because of Horizons' research—we know a lot more about how to make HIV interventions effective and why they work. Not only do we have more data and know more but we have put that data to use to improve and scale-up HIV prevention, care and treatment.

The Horizons Program has ended, but I feel its impact will continue for some time to come. In the course of Horizons, we have trained hundreds of local researchers. Maybe even more significantly, the Horizons Program has helped to develop local institutions that are self-sustaining. As has happened many times over the years at the Population Council, we expect that someday these institutions will compete with us for future projects—this is the ultimate compliment. In addition to our perhaps unique contribution of building capacity for operations research, we confer many practical, data-driven, and field-tested tools for PMTCT training, adherence support, teaching life skills, and providing HIV prevention by faith-based organizations, among others. This capacity building will be one of the most enduring parts of the Horizons legacy, and one of which I am particularly proud.

Our outputs have been immense; we have generated new knowledge for the field; and we have focused on making sure the results were used and made a difference. UNAIDS has incorporated interventions designed and evaluated by Horizons into its best practices collection; USAID has cited examples of utilization of Horizons research results in its Success Stories; and our colleagues cited Horizons' impact in their call for greater attention and resources for operations research in the PEPFAR authorization.

## II. PROGRAM DESCRIPTION

Cooperative agreement HRN-A-00-97-00012-00 was awarded by USAID to Population Council and its partners<sup>1</sup> in July 1997. Spanning a crucial decade in the fight against HIV/AIDS, the program known as Horizons contributed to the goals of USAID and the President's Emergency Plan for AIDS Relief (PEPFAR) by developing and conducting operations research activities in concert with in-country institutions in numerous countries around the world. The main purpose of this operations research was to strengthen HIV prevention and treatment programs to provide information for making needed changes and/or to replicate and expand successful program activities. Covering eleven years of activity, from July 1997 through July 2008, this final narrative report with its hyperlinks to information on specific studies, is but a part of the final reporting package. That package includes an updated "Findings from the Field" compact disk containing all Horizons study results, the Horizons Operations Research on HIV/AIDS Toolkit, and final reports from each study (See Annex A for the list *by country* and/or Annex B for the list *by topic*).

Horizons' overall objectives were to:

- Identify important and timely HIV/AIDS operations research issues.
- Recommend refinements for existing service and/or care activities.
- Propose and test innovative approaches.
- Provide evidence to enable programs to be scaled up.
- Build capacity of local collaborators to conduct operations research.

With emphasis on practical, field-driven research, Horizons tested different approaches to determine most effective ways to prevent HIV infection as well as to provide treatment and counseling services for those already affected. With input from a diverse group of institutional partners, as well as 400+ in-country institutions (see Annex C for a list of the organizations), Horizons used operations research methods to assess and document the impact as well as the cost of HIV programs. Study findings were widely disseminated with the overarching goal of increasing the efficiency, effectiveness, and quality of HIV/AIDS services while making those services more available and acceptable to those in need. Findings from 11 years of operations research studies and research tools developed by Horizons have been used widely to develop policy, guide program strategies, strengthen voluntary counseling and testing, and improve service delivery.

Throughout the decade, institutional partners were an integral part of the Horizons Program participating in all activities, from response to the RFA, to conducting and monitoring operations research activities, to dissemination of results. With the Population Council as the lead organization, each partner played an important role and brought unique skills to the collaboration. Working closely together to set and carry out evolving research agendas, the Council and Horizons' partners enjoyed exceptionally positive working relationships, based on mutual respect, transparency, and open communication. These relationships were strengthened by the placement of seconded staff from the contracting partners in the Population Council office in Washington, DC, alongside Horizons' management and other DC-based Horizons staff. Moreover, regular partner meetings ensured smooth collaboration and understanding. Horizons shared highlights from its 11 years of research during its end-of-project conference held March 20, 2008 at the National Press Club, in Washington, DC. Titled "*Looking Back, Moving Forward: Implications of Horizons' Findings for Strengthening HIV Prevention, Care, and Treatment Programs,*" presentations were grouped under the following headings:

- Treatment
- Stigma and Gender Inequality: Key Drivers of the Epidemic

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<sup>1</sup> International Center for Research on Women, PATH, The International HIV/AIDS Alliance, Tulane University, Family Health International, Johns Hopkins University, University of Alabama at Birmingham (1997-2001)

- Entry Points for Prevention, Care, and Treatment
- Care for AIDS-affected Children
- Comprehensive Prevention for Key Populations

More than 160 key individuals from USAID, non-governmental agencies, and the private sector participated in this day-long event. Plenary presentations were made by both field and U.S.-based Horizons staff (see Annex D for conference agenda).

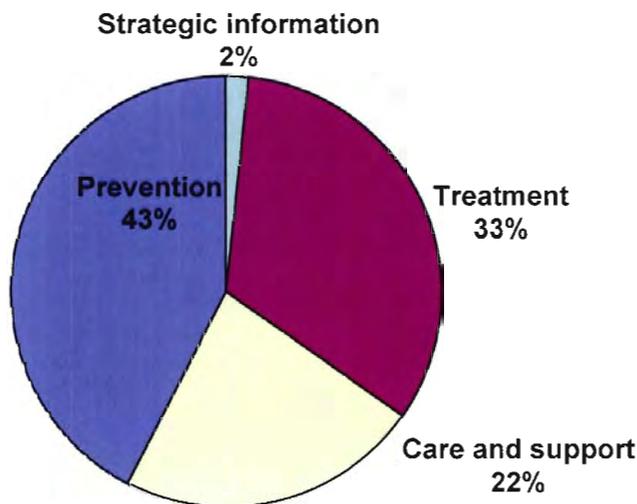
### A. Summary of Activities

During its 11 years of operation, Horizons’ conducted 150 research-related activities on topics that were wide-ranging and that evolved over time, along with the epidemic. After the creation of PEPFAR, Horizons’ research results fed directly into the original PEPFAR goals: to treat two million people with antiretroviral therapy; to prevent seven million new infections; and to provide care and support to ten million people affected by HIV/AIDS. Horizons documented progress toward those goals through its evidence-based work in several areas, including:

- Improving coverage, quality, and effectiveness of HIV/AIDS treatment.
- Identifying, testing, and disseminating best approaches to comprehensive HIV/AIDS prevention.
- Expanding efforts to provide quality, effective care and support to those infected and affected by HIV/AIDS.

Though Horizons’ research foci varied over the years, a typical breakdown of research activities by focus area from the past two years is illustrated in Figure 1.

**Figure 1: Primary Research Focus Area, By Cost 2007–2008**

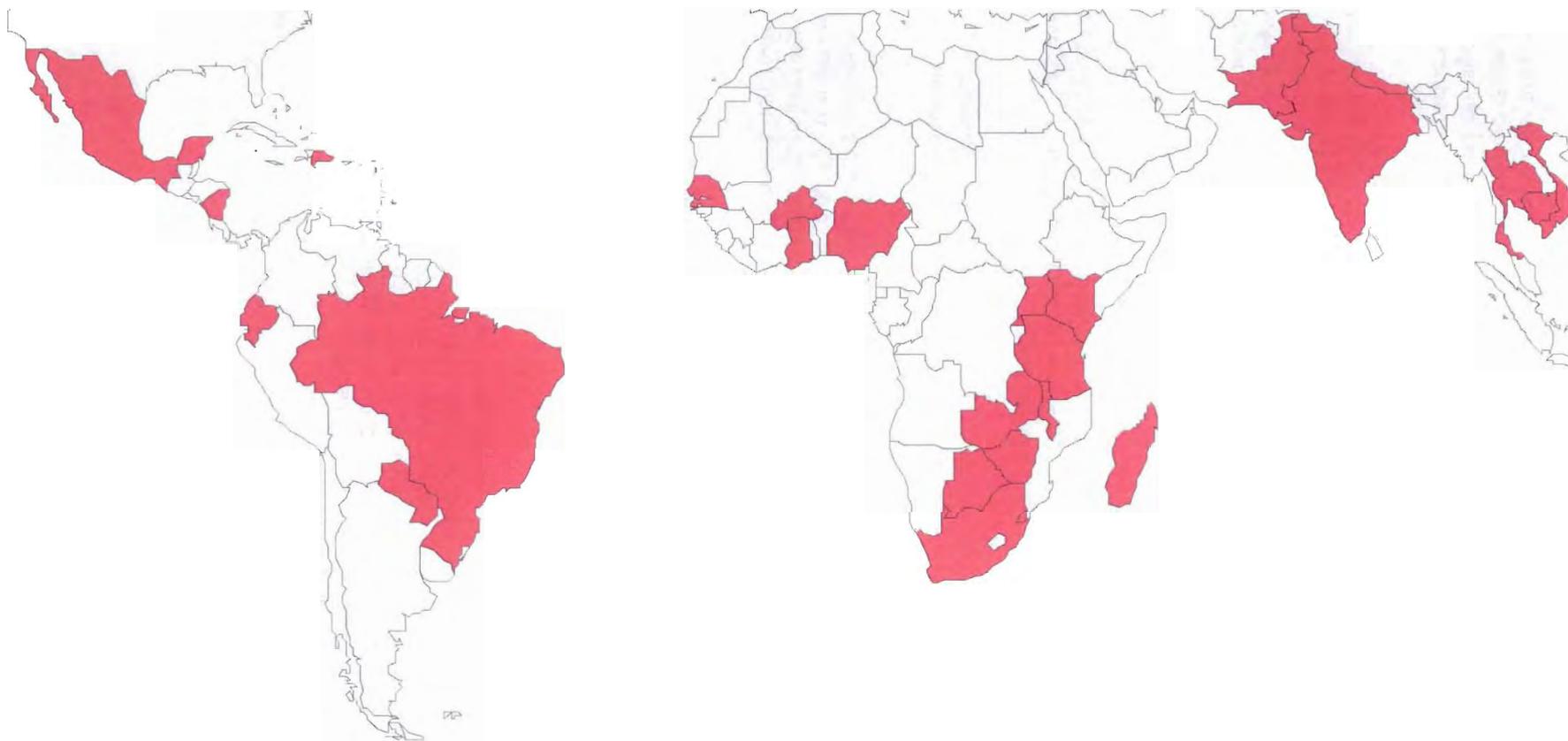


Horizons studies addressed operational, program, and policy-relevant issues related to HIV/AIDS that affect large geographic areas, built research capacity and interest in research findings, and promoted utilization of operations research results to expand and improve program implementation. The majority of research activities were conducted in Africa, followed by Asia and Latin America. Horizons also conducted 20 global and 7 regional projects (see Figure 2 for a map highlighting countries in which research activities were conducted, and Box 1 for a breakdown of the number of research

activities by country). A number of studies were conducted in different geographic locations in order to examine regional differences and look for results with cross-cultural programmatic relevance, including the following:

- Test strategies to increase adherence to highly active ART, and expand adult and pediatric ART services (India, Kenya, South Africa, Thailand, and Zambia).
- Examine innovative approaches to comprehensive prevention including promoting ABCs, STI control, and prevention for people living with HIV, mobile populations, and men who have sex with men (Brazil, Ghana, Kenya, Senegal, and South Africa).
- Test approaches to mitigate the impact of HIV/AIDS on specific populations such as elderly caregivers, teachers, health care workers, and youth-headed households (Kenya, Rwanda, South Africa, and Zambia).
- Focus on men's roles and gender norms to prevent HIV transmission (Brazil, India, Kenya, Senegal, and Tanzania).
- Reduce stigma as an obstacle to effective diagnosis, treatment, and prevention of HIV/AIDS (Kenya, Tanzania, and Vietnam).
- Replicate and scale up successful interventions from previous Horizons studies on PMTCT, youth involvement in care and support, and men who have sex with men (Botswana, India, Kenya, Senegal, South Africa, Swaziland, and Zambia).

**Figure 2: Geographic Distribution of Horizons Research Activities**



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**Box 1: Summary of studies/activities by country from August 1997 to July 2008 (number of studies in parentheses)**

Botswana (1)	India (10)	Nicaragua (1)	South Africa (22)	Zambia (9)
Brazil (10)	Kenya (22)	Nigeria (1)	Swaziland (1)	Zimbabwe (7)
Burkina Faso (2)	Madagascar (1)	Pakistan (1)	Tanzania (4)	Africa Region (5)
Cambodia (1)	Malawi (1)	Paraguay (1)	Thailand (7)	Interregional (Brazil, Burkina, Ecuador, Ghana, India, Zambia) (2)
Dominican Republic (1)	Mexico (1)	Rwanda (1)	Uganda (6)	
Ghana (1)	Nepal (2)	Senegal (6)	Vietnam (3)	

Horizons staff worked diligently to develop research capacity among in-country colleagues to design and implement studies. Among those who benefitted from this expert technical assistance were research partners from a broad range of local institutions and service delivery organizations. Horizons also awarded \$25.7 million through a total of 127 subagreements, which supported in-country partners' participation in the conceptualization, design, and implementation of research.

In addition to core funds, support was provided by USAID Bureaus (ANE, Africa, LAC) and USAID Missions (Brazil, Ghana, Kenya, Paraguay, South Africa, Uganda, Vietnam, Zambia). Horizons staff worked closely with all donors to ensure that studies they supported responded not only to their specific needs, but also contributed to the larger goal of strengthening global HIV programs. Horizons garnered \$8.8 million in non-federal funds, contributed by others in support of research activities spearheaded by Horizons.

## **B. Dissemination of Horizons Research**

Dissemination was a vital program component of Horizons. The goal was to reach the widest possible audience via various media, to encourage the use of Horizons research results and practical tools, and to impact prevention, treatment, care, and support activities on the ground.

The Washington-based Communications, Dissemination, and Utilization (CDU) team provided technical support to Horizons researchers to ensure that research findings were presented clearly, accurately, and in a variety of formats for different audiences.

Print media, including peer-reviewed articles, final reports, research summaries, research updates, and CDs, proved to be an important means of wide distribution of Horizons results. Notably, 81 papers were published in peer-reviewed journals such as *AIDS*, *AIDS and Behavior*, *AIDS Care*, *Infant Mental Health Journal*, *Journal of Health Communication*, *Men and Masculinities*, and *Reproductive Health Matters*, with an additional 10 under review (see Appendix E for a list of these articles).

Conferences and meetings were another important means of dissemination. CDU teamed up with researchers to produce posters and presentations for regional and international conferences. Horizons results were also disseminated via in-country meetings at the conclusion of each study and shared through seminars on specific topics. End-of-project meetings were held in Kenya with local NGOs, government officials, and donors; in Brussels with European donors; and in Washington, DC with USAID, OGAC, and members of the HIV research community, as described above.

Other formats used to share Horizons research included articles in international and regional newsletters, such as Global Health Council's *AIDSLink* and *SafAIDS News*; a CDU-produced news capsule titled "On the Horizons" and sent periodically via email to an ever-expanding list of service providers, policy-makers, and colleagues; and through the Horizons section of the Population Council website, where thousands of individuals accessed publications and information about the program. This special section of the will eventually be integrated into the Council's general website.

CDU also prepared synthesis papers highlighting the achievements of the Horizons Program, assembled a web-based operations research toolkit, and assisted with several other important products that are outlined in the next section.

### III. KEY HORIZONS RESEARCH PRODUCTS

#### A. **Synthesis Papers: Highlighting Horizons' Contribution to the Field and Valuable Lessons Learned**

To provide a framework for summarizing Horizons' expansive research portfolio, studies have been divided into six thematic areas. Findings relevant to policy makers and service providers are synthesized in a series of papers titled "Looking Back, Moving Forward" (currently in publication). The following, brief descriptions offer a glimpse into the detailed content of these papers, which will be submitted to USAID upon publication, widely distributed, and made available for download on the Population Council website. The papers will also be published as a supplement to an upcoming issue of the peer-reviewed journal, *Public Health Reports*.

##### ***Promoting Gender Equity to Fight HIV, Horizons Studies 1999 to 2007***

Early in life, both boys and girls internalize societal messages about how males and females are supposed to behave. Often these behavioral norms promote unequal gender roles and responsibilities. This can encourage behaviors that place men and their sexual partners at risk of various negative health outcomes, including HIV and other sexually transmitted infections. Both men and women benefit when programs and policies address their reproductive and sexual health needs and encourage more equitable sexual decision-making. Horizons and partners in Latin America, Asia, and Africa developed and implemented several intervention studies to reduce HIV risk behaviors that engaged men in decision-making and that promoted gender-equitable attitudes and behaviors.

Horizons worked around the world to better understand gender inequities and their consequences, creating tools to measure gender-based power dynamics and developing and testing programs to reduce gender-based biases. This includes developing and validating the Gender-equitable Men (GEM) Scale, which quantitatively measures change in attitudes about gender norms. Horizons sought to better understand men's and women's beliefs and experiences about masculinity, gender, and sexuality; identify inequitable gender norms prevalent in study communities; and determine whether male support for them correlates with negative HIV-related outcomes such as unprotected sex and STI symptoms.

Horizons research showed that inequitable and equitable attitudes often coexist. For example, in a study of young men in Brazil, some young men reported respect for and repudiated violence against women yet also reported that men have a "right" to have outside sexual partners. Results from Horizons studies also showed that gender-based biases can be reduced when programs engage men in thinking critically about gender inequality; focus interventions on younger men; include interactive, small-group sessions and community-based activities; use the media to promote gender equity and HIV prevention; and reach men when their partners are pregnant.

<http://www.popcouncil.org/pdfs/horizons/SynthesisPapers/PromotingGenderEquity.pdf>

##### ***Reducing HIV-related Stigma, Horizons Studies 2000 to 2007***

Stigma towards people living with HIV and AIDS exists at the level of individuals, institutions, and in the government and can take many forms, from abuse of people living with HIV to their denial of services. When the Horizons Program began in 1997, stigma's role in the spread of HIV was widely recognized, and a few programs attempted to address its impact. Yet despite this increased awareness, there was limited understanding of the underlying drivers of stigma. There were few tools to reliably and effectively measure stigma and discrimination. And there was a dearth of information about which types of

intervention strategies most successfully reduce stigma in different settings. In response, Horizons developed and implemented a wide range of activities in collaboration with numerous local and international partners in Africa, Asia, and Latin America.

Horizons' program of research described the drivers of stigma, identified effective interventions and approaches for reducing stigma in different settings, and improved methods for measuring stigma. To address gaps in measurement, Horizons actively collaborated with other members of the USAID-convened Stigma and Discrimination Indicator Working Group to develop quantitative measures of stigma. These were field tested in Tanzania and retested in a Horizons intervention study, also in Tanzania. Horizons and partners incorporated these measures and instruments into many studies, which took place in different settings (e.g., hospitals in India and Vietnam; communities in Nicaragua and Tanzania). Horizons also collaborated with the World Health Organization to develop a generic survey tool designed to measure stigma and discrimination across multiple settings.

Over the years, Horizons' operations research showed that it is possible to measure stigma and to develop effective programs to reduce it. Beyond using education to correct misconceptions about the transmission of HIV, some keys to the success of these programs include: addressing HIV-related stigma in hospitals and society, using the media to show the human side of AIDS, empowering people living with HIV by involving them in providing HIV services, engaging the community in the care and support of people living with HIV, and expanding the availability and use of ART.

<http://www.popcouncil.org/pdfs/horizons/SynthesisPapers/ReducingHIVRelatedStigma.pdf>

#### ***Implementing PMTCT Programs in Resource-constrained Settings, Horizons Studies 1999–2007***

Each year more than 500,000 infants are infected with HIV, most in sub-Saharan Africa and most due to mother-to-child, or “vertical”, transmission. In the late 1990s, breakthrough clinical trials of shorter and less expensive antiretroviral regimens demonstrated reductions of about 50 percent in vertical transmission. These advances made PMTCT of HIV affordable in sub-Saharan Africa and other resource-constrained settings.

During the early stages of PMTCT program implementation, the Horizons Program conducted operations research in several sub-Saharan African countries to determine how interventions that were successful in the clinical trial setting would translate to actual health care delivery. A first set of studies documented the feasibility and challenges of PMTCT programs; a second set assessed different approaches to providing comprehensive services.

Horizons found that antiretroviral prophylaxis is both feasible and acceptable in the developing country context. Study results found that challenges to proper infant feeding can be overcome through support for women both while they are pregnant and after childbirth, and that training health providers and community-based workers is helpful. Finally, Horizons research demonstrated that close ties with other services are necessary to provide a continuum of care from antenatal to postnatal PMTCT services, and onto HIV care.

<http://www.popcouncil.org/pdfs/horizons/SynthesisPapers/ImplementingPMTCTPrograms.pdf>

#### ***Improving the Lives of Orphans and Other Children Affected by AIDS, Horizons Studies 1998 to 2007***

In 1997, the Horizons Program began studying the care and support of orphans and other children rendered vulnerable (OVC) by AIDS in sub-Saharan Africa, focusing on large gaps in our understanding of how AIDS affects children and how their caregivers were coping. At that time, little research had been

done and few tools were available to measure the psychosocial manifestations of vulnerability and to evaluate approaches to reduce associated negative outcomes. There were limited data available to answer the key questions of what works in providing care and support to children and families, and how to do it.

The Horizons Program's operations research on the care and support of OVC in sub-Saharan Africa was conducted in collaboration with numerous local and international research and program implementation partners in several countries. Key contributions include describing the impacts of the epidemic on children, assessing the effectiveness of community-based interventions, identifying insights from program implementation, and improving methods for researching OVC programs. Horizons researchers developed tools for assessing the well-being of children affected by HIV and outlined key ethical guidelines for conducting research with children.

The research showed that children understandably suffer considerable distress at the illness and death of their parents, but that succession planning, linking children with community resources, participation in mentorship programs, and other programs can significantly improve their health, economic, and psychosocial outcomes. Horizons found that elderly caregivers are also in great need of financial, physical, and emotional support. In addition, young people trained as volunteer caregivers can offer much-needed support and be a catalyst to reduce the stigma experienced by families affected by HIV, and directly help both parents living with HIV and their children.

<http://www.popcouncil.org/pdfs/horizons/SynthesisPapers/ImprovingLivesOfOVC.pdf>

### ***Understanding the HIV Risk and Sexual Health Needs of Men Who Have Sex With Men, Horizons Studies 2001 to 2008***

Around the world, stigmatization and even criminalization of homosexual behavior, as well as denial of the existence of MSM, has resulted in programs and policies that essentially ignore the HIV prevention and treatment needs of MSM, particularly in Africa. Prior to 2000, research on men who have sex with men in Africa was limited to occasional ethnographic or qualitative studies, and there were no population-based surveys or assessments that attempted to quantify and characterize them as a sub-population within African social structures, let alone to assess or survey their sexual behaviors and exposure to STIs.

Horizons and partners designed, conducted, and published the first large-scale descriptive studies of African MSM in 2001 in Dakar, Senegal and in 2004 in Nairobi, Kenya. Both studies used quantitative and qualitative survey methods including in-depth interviews and ethnographic observations. These studies documented the existence of men who have sex with men within major African cities, previously unknown to National AIDS programs, as well as risk behaviors that rendered these populations especially vulnerable to HIV. Following the success of these initial assessments, Horizons and regional partners conducted an intervention study of MSM in Senegal and of male sex workers who have sex with men in Mombasa, Kenya. The latter study also used capture recapture methods to determine the number of active male sex workers. In South America, Horizons and its partners incorporated recent innovations in probability sampling for MSM, as well as HIV testing of the study population to produce HIV prevalence estimates.

Horizons researchers documented the HIV risk of MSM in Africa and South America, a crucial first step in developing appropriate programs for them. Though the specific experiences of MSM varies, common risk factors included low condom use, high prevalence of MSM selling sex to other men, and use of oil-based lubricants. Research findings suggest that outreach via peer educators and training service providers and counselors on, or sensitizing them to, the specific medical and prevention needs of MSM are effective strategies for reaching this population.

<http://www.popcouncil.org/pdfs/horizons/SynthesisPapers/UnderstandingMSM.pdf>

### ***Access to Antiretroviral Therapy for HIV Infected Adults and Children in Developing Countries: Horizons Studies 2002 to 2008***

When Horizons began in 1997, ART had just become widely available in developed countries. These life-saving drugs did not become generally available in developing countries until 2002. ART services for children were started much later and continue to be limited. The introduction of treatment programs in low resource settings raised questions. Are health systems ready to provide this service? Can they maintain a high quality of care while delivering this service? Are the staffs of these clinics properly trained to provide these services? Will people living with HIV be able to take ART properly?

Horizons began its work on ART in 2001, convening experts to prioritize research questions. Over the ensuing years, Horizons investigated the provision and rollout of ART across Asia and sub-Saharan Africa examining service delivery, health seeking behaviors, adherence, cost and other factors affecting treatment for HIV-infected adults and children.

Horizons studies found that provision of and adherence to ART regimens are hindered by a lack of knowledge among providers, a lack of connection and referral between HIV prevention, care, and treatment services, and by stigma surrounding HIV. The research highlighted the directions that research will need to take to ensure full provision of and adherence to ART, such as the need for improved data collection methods and tools to accurately measure drug regimen adherence. Horizons training materials and research findings have been used by program managers and departments of health around the globe to strengthen ART programs.

<http://www.popcouncil.org/pdfs/horizons/SynthesisPapers/AccessToART.pdf>

## **B. Practical and Field-tested Tools**

Horizons tools—both research and intervention—also had global impact.

### ***Research Tools***

*Designing HIV/AIDS Intervention Studies: An Operations Research Handbook* is a resource for researchers that can be used in workshops and courses on research design and proposal development. Organized chapter-by-chapter like a proposal, it gives users the tools to develop and write a detailed operations research proposal. By reviewing many key concepts and methods essential for conducting HIV/AIDS field research studies, the handbook also helps program administrators and health policymakers understand how OR works and how to use research findings to improve service delivery. Over 16,300 copies have been distributed to researchers, program managers, trainers, universities (e.g., Pretoria, Witwatersrand, Johns Hopkins, and Tulane), who extensively use the Handbook. Population Council continues to receive requests for this manual.

<http://www.popcouncil.org/horizons/orhivaidshndbk.html>

The original 4,000 copy print run of the Horizons publication *Ethical Approaches to Gathering Information from Children and Adolescents in International Settings: Guidelines and Resources* was disseminated in less than ten months. Given the demand, an additional 3,500 copies were printed. Requests from around the world were received weekly, including requests for multiple copies for wider dissemination. For example, the Director of Graduate Studies of Healthcare Sciences at the University of Wales requested 200 copies for use during research ethics lectures.

<http://www.popcouncil.org/pdfs/horizons/childrenethics.pdf>

*AIDSQuest: The HIV/AIDS Survey Library* is a resource for researchers developing HIV/AIDS-related data collection tools. Horizons collected surveys and scales from a number of international and local

organizations, and from the published literature. Information on how each survey was developed and used is provided. Also featured in AIDSQuest are methodological tips on designing AIDS-related questions. Behavioral theories commonly used in HIV research are explained, as are how the theories can be used to inform surveys. AIDSQuest has now been incorporated into the *Horizons Operations Research on HIV/AIDS Toolkit*, discussed below. <http://www.popcouncil.org/horizons/ORToolkit/AIDSQuest/index.html>

In Horizons' final year, CDU put together the *Horizons Operations Research on HIV/AIDS Toolkit*, which contains tools and information needed to design a successful HIV-related operations research (OR) study, from developing the research protocol to analyzing and reporting on results. In addition to an introduction to OR and the complete AIDSQuest survey library, the toolkit consists of four sections, each of which focuses on a particular aspect of the OR process. The toolkit draws on a decade of Horizons experience developing and implementing OR to strengthen HIV prevention, treatment, and care programs and services around the world. <http://www.popcouncil.org/horizons/ORToolkit/index.htm>

### ***Programmatic Tools***

The *GOALS Model-Software* helps program planners and managers determine how to use resources to achieve HIV/AIDS prevention and care goals. This analytical model, developed by the FUTURES Group with support from Horizons, supports strategic planning at the national level by providing a tool to link program goals and funding. <http://www.futuresgroup.com/fg/resources/software.cfm>

The Kenya PMTCT Project, in partnership with Horizons/Population Council, UNICEF, and the Regional AIDS Training Network developed Prevention of Mother-to-Child Transmission of HIV/AIDS: A Short Course for Practitioners, a training manual for health providers on the prevention of mother-to-child transmission of HIV. The course, which was developed by many different experts, including an obstetrician, pediatricians, lactation management specialists, counselors, and an adult educator, was first piloted-tested and then revised based on extensive feedback. The course is an integrated approach to PMTCT in the mother and child health care setting. <http://www.popcouncil.org/horizons/pmcttc.html>

The PLHA-friendly Achievement Checklist, created as part of a research study conducted in India by Horizons and SHARAN, is intended to be used as a self-assessment tool for managers to gauge how well their facility (hospital, clinic, or department) reaches, serves, and treats HIV-positive patients. Managers can identify institutional strengths and weaknesses, consider ways to address the weaknesses, and later assess progress toward "PLHA-friendliness." The checklist is designed in a simple format that can be readily adapted for each unique context. It was endorsed by NACO for use in public hospitals and was disseminated to all State Control Societies in the country, the Employees State Insurance Corporation hospitals, and the European Commission-funded HIV/STI Prevention and Care Program in India. The Christian Medical Association of India, with over 500 hospitals and 3,000 health care practitioners in the country, plans to scale up the intervention in their hospitals. <http://www.popcouncil.org/pdfs/horizons/pfechklist.pdf>

*Adherence to Antiretroviral Therapy in Adults: A Guide for Trainers* was developed by the Horizons Program/Population Council, International Centre for Reproductive Health, and the Coast Province General Hospital for the Antiretroviral Therapy Program in Mombasa, Kenya. The manual is designed for health workers, including physicians, clinical officers, and adherence nurse counselors, who work with antiretroviral therapy (ART) programs and have received some training on antiretroviral medications. The manual was used widely (e.g., NASCOP for Kenya's national ARV program; NACO for use by India's State AIDS Control organizations; WHO SEARO at its ART workshop for Asian Member Countries in Chiang Mai, Thailand; and a CME program for training medical officers of the Northern Railway Hospital in Delhi). <http://www.popcouncil.org/pdfs/horizons/arvadrnctrngguide.pdf>

A manual, *Yaari Dosti*, was developed to guide an intervention to promote more gender equitable norms among young Indian men by Horizons staff and collaborators from PROMUNDO/Brazil. The manuals were widely distributed by the Director General of the National AIDS Control Organization of India and were used to initiate dialogue and as a resource for networks of agencies, groups and individuals who work on issues concerning men and boys. A “training of trainers” workshop was held in India (2006) to train key people from the region in its use. Participants included trainers from UNFPA regional offices in Afghanistan, Bangladesh, Nepal, Pakistan, and Sri Lanka, as well as trainers from Save the Children offices in the region. Thirty-five NGOs sent representatives, as did major NGO consortia. USAID, IPPF, and other organizations expressed interest in using this manual in their activities involving young men. A second manual that targets young women, *Sakhi Saheli*, was adapted from Brazil for use in India to reduce women’s vulnerability to HIV and other reproductive health problems.

<http://www.popcouncil.org/pdfs/horizons/yaaridostieng.pdf>

[http://www.popcouncil.org/pdfs/horizons/India\\_SakhiSaheli\\_Eng.pdf](http://www.popcouncil.org/pdfs/horizons/India_SakhiSaheli_Eng.pdf)

The *Safe and Friendly Health Facility: Trainer's Guide* was produced for use in the project “Reducing HIV Stigma and Discrimination in the Health Care Setting in Vietnam.” This project was jointly run by the Institute of Social Development Studies (ISDS), ICRW, and the Horizons Program/Population Council. The guide was used to train health workers on HIV/AIDS, HIV stigma and discrimination, and universal precautions—and to guide the process of developing new policy guidelines on these issues. After being used in more than 20 trainings, the guide was revised and updated to incorporate what was learned from the trainings.

[http://www.popcouncil.org/pdfs/horizons/Vietnam\\_HospitalStigmaReduction\\_Manual.pdf](http://www.popcouncil.org/pdfs/horizons/Vietnam_HospitalStigmaReduction_Manual.pdf)

The *Reproductive Tract and Sexually Transmitted Infections Programme Guidance Tool* is an action-oriented process designed to enable decision makers to set goals and directions and to prioritize interventions for addressing the problem of reproductive tract infections (RTIs), including STIs. The tool is based on the strategic approach methodology used previously in family planning and is designed for use by RTI/STI program managers. This tool was field tested in four countries: Cambodia, Latvia, Brazil (Ceara State) and Ghana. The first phase (background paper and situation analysis, followed by dissemination and planning meetings of national stakeholders) resulted in recommendations specific to each country. High priority recommendations were implemented at the national level in Latvia and Cambodia. Such implementation was planned in Ghana and Brazil, with other countries, notably China, expressing interest in adapting the methodology. [www.popcouncil.org/rh/pgt](http://www.popcouncil.org/rh/pgt)

The Technical Advisory Group of the Interagency Gender Working Group hailed the 24-item *Gender-Equitable Men (GEM) Scale* developed by Horizons and partners as an important research tool. The scale, which Horizons piloted in Brazil and adapted for the Indian context, was subsequently adapted by other organizations for use in more than ten countries, including Ethiopia, Nepal, Mexico, and the United States. Horizons received numerous requests for the scale, especially from NGOs who found it useful for evaluating their programs. <http://www.popcouncil.org/horizons/ORToolkit/toolkit/gem1.htm>

### **C. Utilization of Research Findings**

A key objective of the Horizons Program was to ensure that study findings, whether positive or negative, were utilized. Over the course of the Horizons Program, we took stock of how some of the study results have changed programs and policies. The following pages highlight only a small portion of the many examples of Horizons’ impact in various areas.

## *Counseling and Testing*

### **VCT services for youth expanded in Uganda.**

Horizons assisted two NGOs to develop voluntary counseling and testing services to attract young people to testing. In the clinic that added VCT to its reproductive health services, the number of youth seeking testing grew from 10 to 221 per month. In the dedicated VCT clinic, the number of youth increased from 390 to 585 per month. Because of the high demand demonstrated in this study, both sites have expanded their youth-friendly VCT services by adding additional counselors and testing hours, and other clinics outside of Kampala have added special youth services.

### **VCT assessment study in Nairobi led to several important actions.**

Requested by USAID Nairobi and the Kenyan National AIDS Control Program, this study was conducted in collaboration with FHI. It found very few free standing VCT facilities in Nairobi, no guidelines on VCT, no standard training of counselors, and no care and support facilities for middle income Kenyans. Study findings influenced the following actions: FHI established a VCT center of excellence at Kenyatta Hospital; several NGOs set up VCT centers (45) in the country; GOK published VCT guidelines and committed to establish VCT centers, starting with half the district hospitals around the country.

### **Horizons study helped VCT counselors address alcohol use—their own and that of clients.**

As part of training counselors to integrate counseling on alcohol use in voluntary counseling and testing (VCT) provided, counselors assessed their own alcohol use. Over half of the counselors were found to be using alcohol. After this training, counselors felt encouraged to deal with their own alcohol use, as well as to start providing alcohol counseling to their clients.

## *Gender*

### **HIV risk among young men reduced, program scaled-up in Brazil and other countries.**

Horizons study findings indicate that group discussions that encourage critical reflection about traditional concepts about manhood and a media campaign promoting gender equitable behaviors resulted in improved attitudes about gender roles, increased condom use among primary partners, and reduced reported STI symptoms among young men in Brazil. With support from various donors, the program is being replicated in Mexico, India, other regions of Brazil, and with Hispanic populations in the U.S. Indicators that were developed and validated for this study are being used in other countries.

### **Gender-equitable Men Scale adapted and used globally.**

The 24-item Gender-Equitable Men (GEM) Scale, developed by Horizons and partners in Brazil, was met with wide acclaim. The Interagency Gender Working Group's Technical Advisory Group recommended this approach for use in research. Piloted by Horizons in Brazil, the GEM Scale was adapted for the Indian context, well as for use in more than 10 countries (including Ethiopia, Nepal, Mexico, and the United States). NGOs have reported using it to evaluate their programs.

### **Horizons research influenced OGAC to direct more attention and allocate funds to address gender-related issues.**

An expert meeting on this topic in 2006 identified three gender priority areas: (1) shifting harmful gender norms and perceptions of masculinity, particularly through working with men, (2) confronting gender-based violence, and (3) meeting the health and economic needs of vulnerable girls and women. Horizons' operations research studies in Brazil and India were highlighted as key examples of successful strategies; results of these studies contributed to the formulation of this OGAC priority.

## ***PMTCT***

### **A study in Kenya on PMYCT helped women expand discussions with their partners about VCT and PMCT and encouraged more men to be tested and share results with their partner.**

Seeking to reduce mother-to-child transmission, a package of services was introduced to pregnant women, including VCT, the use of antiretrovirals, and breast milk substitutes. In addition, male partners were invited to participate in HIV counseling and testing. Community PMTCT was introduced in places where men congregate, and support groups for men were formed. Interviews were conducted during 6-week postpartum visits at study sites (Karatina and Homa Bay) to compare women who had completed antenatal care prior to the introduction of PMTCT services (comparison) and women who received antenatal care after the introduction of PMTCT services (intervention). The study showed the proportion of clients who discussed PMCT and VCT with partners nearly doubled, with significant increases in those who discussed their HIV status after going for testing. The training curriculum and evaluation procedures developed at study sites (two Horizons, three UNICEF) were adopted for use at 20 other PMTCT sites in Kenya.

### **Intervention package guided PMTCT programs in Kenya and other African countries.**

Horizons conducted operations research on the first pilot prevention of mother-to-child transmission programs in Kenya, with the goal of examining the introduction of a package of services within existing MCH programs in low-resource settings. The training curriculum, educational materials, and information system developed for this study were adopted by NACO and, together with the research findings, are viewed by USAID Kenya as the cornerstone for subsequent in-country scale-up. The tools have also facilitated the scale-up of PMTCT services in other African countries.

## ***Prevention of Sexual Transmission***

### **An environmental-structural intervention proved highly effective in increasing consistent condom use and decreasing STIs among female sex workers.**

Thailand's 100% condom program was shown to improve condom use and reduce STIs; Horizons wanted to test its applicability in other cultural settings. The Thai model was adapted for the Dominican Republic, where two integrated HIV/STI prevention models were tested among female sex workers by Horizons' partners from Johns Hopkins University. This study sparked interest in USAID Missions and governments around the Caribbean region. The most cost-effective model proved to be one that added favorable governmental policy to solidarity activities. That, along with the "100 percent condom use" approach from Thailand, resulted in a significant decrease in STI prevalence, which dropped almost 43 percent over a one-year period. The program was scaled up with support from local government and international donors to several other areas of the Dominican Republic. USAID pledged to contribute to further scale-up in the country over five years, focusing on "hot spots" with high HIV prevalence.

### **School-based intervention in Mexico changed knowledge and attitudes of high school students and changes were sustained after the completion of the program.**

School-based HIV prevention project goals include changing attitudes toward people living with HIV/AIDS and increasing HIV-related knowledge. In addition to short-term impact, this study sought to bring about longer-lasting behavior change. In this study of more than two thousand high school students in the state of Morelos, the experimental group showed significant change in positive attitudes toward PLHA, understanding of HIV transmission, and consequences of unsafe sex practices, compared with students in control schools, who showed no improvement on any measures. These increases were sustained 6 months after the end of the program. Curriculum for students and training methods for teachers developed and used in this study were introduced into 40 other schools in Morelos State, covering approximately 13,000 students.

**Brazilian MOH committed to future funding of STI/HIV prevention program for truckers.**

A Horizons study showed that it is both feasible and effective to provide previously unavailable STI/HIV prevention and care services for truckers at the border area where Brazil abuts Paraguay and Argentina. During the program, nearly 2000 truckers from Brazil and other South American countries sought information or services, 92 percent were tested for HIV and syphilis, and 84 percent received their results and post-test counseling. Because of the important potential impact, the Brazilian Health Ministry decided to commit funds to continue the program after the study and is interested in its expansion to other border areas.

**Peer education model expanded to all construction sites in Ho Chi Minh City.**

A study funded by Horizons found that peer educators were more effective than visiting health workers in raising HIV/AIDS awareness, knowledge, and condom use among construction workers. As a result, Ho Chi Minh City health authorities expanded the peer educator program to all construction sites in the city, reaching more than 120,000 workers.

*Stigma and Discrimination*

**Studies of NGO prevention and care programs in Burkina Faso, Ecuador, India & Zambia revealed major obstacles to involvement of PLHAs in these programs.**

According to respondents, major factors limiting PLHA involvement include fear of stigma and discrimination as a result of being identified as HIV-positive if they become involvement in AIDS organizations. NGOs can help to build an environment that helps PLHA to overcome some of the obstacles by ensuring confidentiality and providing psychological support, providing peer support to reduce the fear of stigma, helping to access care and treatment, providing information and training to PLHA to help others, and by networking with other organizations to fight discrimination and facilitate referrals.

In the Burkina Faso study, for example, Horizons-funded research conducted by Tulane University showed measurable progress was made toward increasing PLHA involvement in service delivery and decision-making activities. This could be directly traced to the numerous strategies for reaching and involving PLHA that were employed and tested by participating organizations. This study had a major impact on national HIV/AIDS policy in Burkina and was a catalyst for revising official policies.

**Program to reduce AIDS-related stigma and discrimination in Indian hospitals expanded.**

Horizons and local partners found that an intervention package led to improvements in hospital policies and staff attitudes and practices, thus making the hospitals friendlier to PLHA. One of the tools, the PLHA-friendly Checklist, was endorsed by NACO for use in public hospitals and was disseminated to all State Control Societies in the country, the Employees State Insurance Corporation hospitals, and the European Commission-funded HIV/STI Prevention and Care Program in India. The Christian Medical Association of India, with over 500 hospitals and 3,000 health care practitioners in the country, plans to scale up the intervention in their hospitals.

**Teachers in Kenya reported decrease in stigmatizing school environments.**

After a teacher-centered workplace program was implemented in 120 schools in Kenya, teachers reported observing less stigma and discrimination. The program provided teachers with information needed to discuss topics and issues related to HIV with their students as well as with fellow teachers. Previously, many teachers were misinformed, lacking even basic information on transmission. As a result of this program, teachers reported greater knowledge and changed attitudes toward PLHAs.

### *Treatment, Care and Support*

#### **Program to train youth as caregivers scaled up in Zambia and adapted elsewhere.**

Horizons and partners, including the Catholic Diocese, found that trained youth could be an important community resource for carrying out care and support activities to help PLHA. With USAID support, the program is being scaled up in other regions in Zambia and adapted for use in Kenya and South Africa, with a particular focus on helping orphans and vulnerable children.

#### **HIV/AIDS service delivery strategy in South Africa revised.**

Staff capabilities, equipment, and facilities to deliver HIV/AIDS services were examined as part of a Horizons Situation Analysis study conducted in one fifth of all public health facilities in KwaZulu Natal. Following discussion of the data, the KZN Department of Health asked all 11 divisions in the province to revise their service delivery implementation plans to address the gaps detected by the study.

#### **Situation analysis in South Africa led to recommendations for pediatric treatment**

Horizons conducted a rapid situation analysis of pediatric ARV rollout to identify gaps in services for HIV-infected children in South Africa. While the study found that several ARV programs were successful in treating children, numerous concerns and challenges were identified. These included early identification of HIV-infected children, effective referral, standardized training in pediatric HIV management for health professionals, and increased community awareness and support. Results were disseminated at the study sites to help strengthen their services. They were also shared with advocacy groups and government policymakers to help them better plan the ARV rollout.

### *Vulnerable Populations*

#### **Succession planning found to be an effective approach for helping HIV-positive parents prepare their children for the death of one or both parents.**

A study among over 1,400 parents and children in Uganda showed that parents exposed to succession planning were more likely to have disclosed their serostatus to their children, arranged for a guardian, and appointed an executor for their property. Parents were more confident that their children would be well cared for and their property distributed fairly. Pre-post intervention comparisons of parents in the succession planning arm yielded significant changes in the proportion with written wills and other outcomes and viewed these actions positively. The approach used in this study was listed by UNICEF as a key principle to guide programming for OVC. It also appears as a “Best Practice” on the UNAIDS website with the Horizons research report listed as the source. PLAN International, who collaborated with Horizons on the Uganda study, planned to replicate the approach in other African countries. Agencies such as Save the Children also planned to incorporate this into their OVC activities.

#### **Services developed for men who have sex with men in Senegal; importance of this group in Africa recognized.**

Based on a Horizons study which found that high risk behavior, STI symptoms, stigma, discrimination, and violence were prevalent among the 250 men who have sex with men in the sample, the Senegal national AIDS control committee established non-stigmatizing health care centers in Dakar and in four other regions of the country. The Senegal study fostered inclusion of men who have sex with men as a target vulnerable group in the 2006-2010 National HIV/AIDS Program Framework, resulting in direct government funding for programs for this population. Study findings have prompted Kenya, Mali, and Burkina Faso to undertake similar work with funding from USAID, the World Bank, and Bristol Myers.

#### **Report on Horizons study of men who have sex with men in Kenya widely distributed.**

Horizons conducted the only study to date on MSM in Kenya that employed systematic research methods. With the goal of helping to inform and improve government programs, study results were discussed with

officials from key AIDS organizations in Kenya (National HIV/AIDS/STD Control Program, National AIDS Control Council) and widely disseminated. The report was also distributed and discussed at roundtable meetings in Kenya (sponsored by the Urgent Action Fund for Women's Human Rights) and at UNAIDS/Geneva, the latter meeting conducted by the International HIV/AIDS Alliance, a Horizons partner. In each meeting, NGOs and stakeholders present set an agenda for reaching men who have sex with men with improved programs and services.

The study also contributed to the National AIDS Control Council (NACC) taking the bold step of explicitly including men who have sex with men as a "vulnerable group" in the most recent national HIV/AIDS strategy (The Kenya National HIV/AIDS Strategic Plan 2005/6-2009/10). Kenya is developing a National HIV/AIDS Action Plan for Men who have Sex with Men, one of the first in sub-Saharan Africa.

## IV. ANNEXES

### A. Horizons Studies/Activities by Geographic Location

#### Africa Region

- Training course developed and delivered in utilization of research results
- Putting food on the table: An exploration of livelihood strategies and their role in maintaining nutritional status among ART patients

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/KenyaZambia\\_FoodART.pdf](http://www.popcouncil.org/pdfs/horizons/KenyaZambia_FoodART.pdf)

- Support for setting a national HIV/AIDS research agenda in Kenya and Zambia
- Targeted vs. general population interventions for STD/HIV prevention
- Testing the feasibility and impact of a package of services during pregnancy and first six months of life for reducing mother to child transmission of HIV in Kenya and Zambia

*Research Summaries:*

<http://www.popcouncil.org/horizons/ressum/pmtctfp/pmtctfp.html>

<http://www.popcouncil.org/horizons/ressum/pmtctif/pmtctif.html>

<http://www.popcouncil.org/horizons/ressum/pmtctvct/pmtctvct.html>

#### Botswana

- Evaluation of adherence to short course antiretroviral prophylaxis for PMTCT in Francistown

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Botswana\\_PMTCT.pdf](http://www.popcouncil.org/pdfs/horizons/Botswana_PMTCT.pdf)

#### Brazil

- Acceptability of female condom by sex workers

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/fcbrazil/fcbrazil.html>

- Comparison of male and female condoms in preventing exposure to semen during typical use

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/C\\_71\\_2\\_2.html](http://www.popcouncil.org/projects/abstracts/C_71_2_2.html)

- HIV prevention, testing and treatment for mobile populations: Focus on truck drivers in Brazil

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/BrazilTruckersReport.pdf>

*Research Update:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_7.html](http://www.popcouncil.org/projects/abstracts/AC_20_7.html)

- Improving the quality of STI/HIV/AIDS prevention and STI testing and treatment in commercial sex workers at the Brazil/Bolivia frontier in Corumbá

- Analysis and journal paper preparation are currently under way (supported with other funding)
- Promoting healthy relationships and HIV/STI prevention for young men in Brazil

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/brgendernorms.pdf> (English)

<http://www.popcouncil.org/pdfs/horizons/brgndrnrmssum.pdf> (Portuguese)

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/brgndrnrmssum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/brgendernorms.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/MM\\_10\\_3.html](http://www.popcouncil.org/projects/abstracts/MM_10_3.html)

- Risk factors for HIV infection in the MSM population in the metropolitan area of Campinas City using respondent-driven sampling

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Brazil\\_MSMRiskFactors.pdf](http://www.popcouncil.org/pdfs/horizons/Brazil_MSMRiskFactors.pdf)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/STI\\_84\\_6.html](http://www.popcouncil.org/projects/abstracts/STI_84_6.html)

- Sex work and community development: Phase II

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/HER\\_23\\_1.html](http://www.popcouncil.org/projects/abstracts/HER_23_1.html)

- Validation of the accuracy of prostate-specific antigen detection in vaginal fluids, obtained by self-sampling, as marker of semen exposure and condom failure

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/HR\\_AOP\\_2.html](http://www.popcouncil.org/projects/abstracts/HR_AOP_2.html)

## Burkina Faso

- Impact assessment of Burkina Faso PLHA study

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>

- New approaches to integrating STIs/HIV/AIDS, family planning and reproductive health in Bazèga - Phase II

Kaboré, Inoussa, Placide Tapsoba Ian Askew, and Jenny Myers. 2003. "New approaches to integrating STIs, HIV/AIDS, family planning and reproductive health in Bazèga, Burkina Faso," *FRONTIERS Final Report*. Washington, DC: Population Council.

## Cambodia

- Building community identity among debt-bonded sex workers in Cambodia: An HIV prevention strategy

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_16\\_4.html](http://www.popcouncil.org/projects/abstracts/AC_16_4.html)

*Journal Articles:*

Busza, Joanna. 2005. "How does a risk group perceive risk: Voices of Vietnamese sex workers in Cambodia," *Journal of Psychology and Human Sexuality* 17(1/2): 65–82.

Busza, Joanna and Bettina Schunter. 2001. "From competition to community: participatory learning and action among young, debt-bonded Vietnamese sex workers in Cambodia," *Reproductive Health Matters* 9(17): 72–81.

## **Dominican Republic**

- Evaluation of 100% condom only policy in sex establishments

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/drcmntygvtpcly.pdf>

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/drcmntygvtpcly/dr\\_intro.html](http://www.popcouncil.org/horizons/ressum/drcmntygvtpcly/dr_intro.html)

*Research Update:*

<http://www.popcouncil.org/horizons/ressum/dr.html>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/AJPH\\_96\\_1.html](http://www.popcouncil.org/projects/abstracts/AJPH_96_1.html)

[http://www.popcouncil.org/projects/abstracts/JHC\\_11\\_s2.html](http://www.popcouncil.org/projects/abstracts/JHC_11_s2.html)

[http://www.popcouncil.org/projects/abstracts/AIDS\\_17\\_3.html](http://www.popcouncil.org/projects/abstracts/AIDS_17_3.html)

[http://www.popcouncil.org/projects/abstracts/CHS\\_4\\_2.html](http://www.popcouncil.org/projects/abstracts/CHS_4_2.html)

## **Ghana**

- Testing prepackaged therapy for male urethral discharge syndrome in Ghana: A feasibility study

*Final Report:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/Ghana\\_STITherapy.pdf](http://www.popcouncil.org/pdfs/horizons/Ghana_STITherapy.pdf)

## **Global**

- Addressing the problem of reproductive tract infection: Developing a program guidance tool (Global: Brazil, Cambodia, Ghana, Latvia, Thailand)

*Toolkit:*

[www.popcouncil.org/rh/pgt](http://www.popcouncil.org/rh/pgt)

- Building consensus on how to combat HIV/AIDS related stigma and discrimination

*Reports:*

<http://www.popcouncil.org/pdfs/horizons/sdcncptlfrmwrk.pdf>

<http://www.popcouncil.org/pdfs/horizons/litrwvsticdisc.pdf>

[http://www.popcouncil.org/pdfs/HORIZONS\\_paper.pdf](http://www.popcouncil.org/pdfs/HORIZONS_paper.pdf)

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/AEP\\_15\\_1.html](http://www.popcouncil.org/projects/abstracts/AEP_15_1.html)

[http://www.popcouncil.org/projects/abstracts/SSM\\_57\\_1.html](http://www.popcouncil.org/projects/abstracts/SSM_57_1.html)

- Changing the environment of sex work: New strategies for HIV prevention  
Evans, Catrin. 1999 (unpublished). "An international review of the rationale, role and evaluation of community development approaches in interventions to reduce HIV transmission in sex work."  
New Delhi: Population Council.
  - Cooperative project with WHO to produce a review of VCT programs for youth  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/vctythrww.pdf>
  - Cost-effectiveness tools for assisting HIV/AIDS program managers to make resource allocation decisions  
*Tool:*  
<http://www.futuresgroup.com/fg/resources/software.cfm>
  - Diagnostic study on the involvement of PLHA in the delivery of community-based prevention and care services (Burkina Faso, Ecuador, Zambia, India)  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/plha4cntryrprt.pdf>
- Research Summaries:*
- <http://www.popcouncil.org/horizons/ressum/plha4cntry/plha4cntry.html>
  - <http://www.popcouncil.org/pdfs/horizons/ecuadoralliancesum.pdf>
  - <http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>
- Other:*
- [http://www.usaid.gov/our\\_work/global\\_health/aids/News/successpdfs/fourcountry04.pdf](http://www.usaid.gov/our_work/global_health/aids/News/successpdfs/fourcountry04.pdf)
- Effectiveness of condoms in reducing heterosexually transmitted HIV
  - Gender norms as a gateway factor
  - Increasing coverage of successful NGO responses to HIV: Lessons to date  
*Report:*  
[http://www.aidsalliance.org/custom\\_asp/publications/view.asp?publication\\_id=158&language=en](http://www.aidsalliance.org/custom_asp/publications/view.asp?publication_id=158&language=en)
  - Review of the literature on HIV/AIDS and provision of home-based care  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/xpndngcrcntnm.pdf>
- Journal Article:*
- [http://www.popcouncil.org/projects/abstracts/HPP\\_21\\_5.html](http://www.popcouncil.org/projects/abstracts/HPP_21_5.html)
- Systematic review of HIV intervention effectiveness in developing countries  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/SSM\\_50\\_4.html](http://www.popcouncil.org/projects/abstracts/SSM_50_4.html)  
[http://www.popcouncil.org/projects/abstracts/AB\\_12\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_12_3.html)  
[http://www.popcouncil.org/projects/abstracts/HER\\_21\\_4.html](http://www.popcouncil.org/projects/abstracts/HER_21_4.html)  
<http://www.aidsonline.com/pt/re/aids/pdfhandler.00002030-2C0705110-00033.pdf;jsessionid=L2WpnxVXQ4Q2hfhymYNz4gWpjQJ7x1Zfwh1GKT1GL34TTXVKhzJh!-1715237437!181195628!8091!-1>

- Treatment education: Current research and good practices (for WHO)  
<http://unesdoc.unesco.org/images/0014/001497/149722E.pdf>

## India

- Assessment of adherence to treatment and sexual risk behavior among HIV positive patients receiving antiretroviral therapy—A diagnostic study  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/indiaart.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/IJMR\\_127\\_1.html](http://www.popcouncil.org/projects/abstracts/IJMR_127_1.html)

- From PPTCT to PPTCT Plus—A diagnostic operations research to inform the national initiative on improving access to treatment, care and support for HIV-positive women and their families  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/IndiaPPTCT.pdf>

- Improving the hospital environment for HIV positive clients in India  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/inplhafriendly.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/inplhafndlysum.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/JSAHA\\_4\\_2.html](http://www.popcouncil.org/projects/abstracts/JSAHA_4_2.html)

*Other:*

<http://www.popcouncil.org/horizons/pfechk1st.html>

- Promoting gender equity to reduce HIV/AIDS vulnerabilities among young women and men in India  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/India\\_GenderNorms.pdf](http://www.popcouncil.org/pdfs/horizons/India_GenderNorms.pdf)

*Training Manuals:*

[http://www.popcouncil.org/pdfs/horizons/India\\_SakhiSaheli\\_Eng.pdf](http://www.popcouncil.org/pdfs/horizons/India_SakhiSaheli_Eng.pdf)

<http://www.popcouncil.org/pdfs/horizons/yaaridostieng.pdf>

- Reducing HIV risk behavior among key populations by strengthening programs through community involvement  
*Research Summary:* Forthcoming  
[http://www.popcouncil.org/pdfs/horizons/India\\_FPP.pdf](http://www.popcouncil.org/pdfs/horizons/India_FPP.pdf)

Samuels, Fiona, Ravi Verma, C. K. George. 2008 (forthcoming). “Reducing HIV risk behaviors among key populations through empowerment and building social capital: Findings from Andhra Pradesh, India,” *Horizons Research Summary*. Washington, DC: Population Council.

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/incmntyinvolvr.pdf>

*Book Chapter:*

Samuels, Fiona, Ravi K. Verma, and C.K. George. 2006. "Stigma, discrimination and violence amongst female sex workers and men who have sex with men in Andhra Pradesh, India," in Anke van der Kwaak and Madeleen Wegelin-Schuringa (guest eds.), *Gender and Health: Policy and Practice—A Global Sourcebook*, part of Sarah Cummings, Henk van Dam, and Minke Valk (eds.), Gender, Society & Development book series. Netherlands: Royal Tropical Institute, pp. 95–109.

- Reducing young men's HIV risk via promotion of gender-equitable norms and behavior  
*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/ingndrnrmssum.pdf>

*Journal Article :*

<http://medind.nic.in/jah/t04/s1/jaht04s1p71g.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/RHM\\_14\\_28.html](http://www.popcouncil.org/projects/abstracts/RHM_14_28.html)

[http://www.popcouncil.org/projects/abstracts/IJSW\\_65\\_4.html](http://www.popcouncil.org/projects/abstracts/IJSW_65_4.html)

- Scaling up affordable and appropriate care and support services for PLHA in South India  
*Final Reports:*

<http://www.popcouncil.org/pdfs/horizons/yrgcrcohortfni.pdf>

<http://www.popcouncil.org/pdfs/horizons/yrgcrsclngup.pdf>

<http://www.popcouncil.org/pdfs/horizons/yrgcrbsmdl.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/yrgcrbsmdl.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_2.html](http://www.popcouncil.org/projects/abstracts/AC_18_2.html)

[http://www.popcouncil.org/projects/abstracts/APCS\\_22\\_12.html](http://www.popcouncil.org/projects/abstracts/APCS_22_12.html)

Solomon S., A. Batavia, K. K. Venkatesh, L. Brown, P. Verma, A. J. Cecelia, C. Daly, **V. S. Mahendra**, N. Kumarasamy, and K. H. Mayer. "A longitudinal quality of life study of HIV-infected persons in South India: the case for comprehensive clinical care and support services," accepted for publication in 2008 in *AIDS Education and Prevention*.

- Sex workers and community development: Phase I – Sonagachi

## Kenya

- Alcohol and substance abuse profile of clients attending VCT sites: An operations research study  
*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kevctalcoholru.pdf>

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_VCTandAlcohol.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_VCTandAlcohol.pdf)

- Assessment of counseling, care and support center, Nairobi  
*Final Report:*

Population Council and Family Health International. 1999. "HIV/AIDS counselling, testing care and support services in Nairobi Kenya." Nairobi: Population Council.

- Barriers to uptake of pediatric HIV treatment and care in Kenya: A diagnostic study  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_PediatricHIVTreatment.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_PediatricHIVTreatment.pdf)
- Beacon of light: The Girl Guides program to mitigate HIV impact in Kenya by involving young Girl Guides and their parents  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/KenyaGirlGuidesEval.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kenyagirlguides.pdf>

- Community-based approaches to PMTCT  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/KenyaCommunityPMTCT.pdf>

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/fppmtctnairobi.pdf>

<http://www.popcouncil.org/pdfs/horizons/ifpmtctnairobi.pdf>

- Comprehensive behavior change communication to promote the "ABCs": Abstinence, being faithful, and using condoms  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/kenyaabc.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/kenyaabcsum.pdf>

- HIV testing competence and practices among health workers in Kenya: A diagnostic study  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/KenyaHealthWorkerSurvey.pdf>
- Knowing myself first: Assessing the feasibility of HIV self-testing among health workers in Kenya  
Project is continuing with CDC/Kenya support
- Operations research around the introduction of ARVs in the management of HIV infected individuals in Mombasa

*Research Summaries:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaHouseholdImpactSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaHouseholdImpactSum.pdf)

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaStigmaSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaStigmaSum.pdf)

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaSexualBehaviorSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaSexualBehaviorSum.pdf)

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaAdherenceSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaAdherenceSum.pdf)

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/mombdaartlssnslrnd.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombsxlbhvr.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombdaart24wks.pdf>  
<http://www.popcouncil.org/pdfs/horizons/mombasaform.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APCS\\_22\\_7.html](http://www.popcouncil.org/projects/abstracts/APCS_22_7.html)  
[http://www.popcouncil.org/projects/abstracts/IJSA\\_19\\_2.html](http://www.popcouncil.org/projects/abstracts/IJSA_19_2.html)  
[http://www.popcouncil.org/projects/abstracts/JAIDS\\_48\\_5.html](http://www.popcouncil.org/projects/abstracts/JAIDS_48_5.html)

*Book Chapter:*

<http://www.fhi.org/en/HIVAIDS/pub/Delivering+ART.htm>

*Training Manual:*

<http://www.popcouncil.org/horizons/arvadhnrctrngmnl.html>

- Prevention with positive people: How do we support them in the community in Mombasa?

*Research Summary:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_PreventionWithPositives.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_PreventionWithPositives.pdf)

- Reducing HIV/STI risk and improving treatment for male sex workers in Mombasa, Kenya

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/STD\\_35\\_8.html](http://www.popcouncil.org/projects/abstracts/STD_35_8.html)  
[http://www.popcouncil.org/projects/abstracts/AIDS\\_21\\_10.html](http://www.popcouncil.org/projects/abstracts/AIDS_21_10.html)

- Research to understand sexual and reproductive health needs of men in Nairobi

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/msmkenya.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/msmkenyasum.pdf>

- School as a workplace: Addressing the psychosocial burden of HIV/AIDS among teachers in Kenya

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_TeachersMatter.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_TeachersMatter.pdf)

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/ketchrsbslnru.pdf>

- Targeted evaluation of the effect of health facility stigma-reduction interventions on PMTCT provider attitudes and uptake of PMTCT services
- Training Kenyan Scouts in HIV home caregiving  
Training manual (for local use), PATH will further refine
- VCT among youth  
(combined with Uganda VCT/youth)

## **Madagascar**

- Comparison of two STD treatment and prevention interventions in sex workers

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/madswsum.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/TMIH\\_8\\_3.html](http://www.popcouncil.org/projects/abstracts/TMIH_8_3.html)

## Malawi

- Retrospective assessment of COPE I program in Nanwera, Mangochi District  
*Final Report:*  
Esu-Williams, Eka, Joan Duncan, Stan Phiri, David Chilongozi. 2000. "A retrospective assessment of the COPE I Program in Namwera, Malawi," *Horizons Final Report*. Washington, DC: Population Council.

## Mexico

- Programming for HIV prevention in Mexican schools  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/schools/mex/mex.html>  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>

## Nepal

- Intervention needs for the prevention of trafficking and the care and support of trafficked persons in Nepal  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/trafficking1.pdf>  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/traffickingsum1/traffickingsum1.html>

## Nicaragua

- Stigma reduction and community mobilization for HIV prevention via multi-media programs  
*Final Reports:*  
[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction.pdf) (English)  
[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction\\_ES.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction_ES.pdf) (Spanish)

## Nigeria

- Promoting dual protection practices among women and their male partners in Ibadan  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/IFPP\\_28\\_2.html](http://www.popcouncil.org/projects/abstracts/IFPP_28_2.html)  
[http://www.popcouncil.org/projects/abstracts/JUH\\_78\\_4\\_658.html](http://www.popcouncil.org/projects/abstracts/JUH_78_4_658.html)  
*Research Update:*  
<http://www.popcouncil.org/horizons/ressum/dualprotnig.html>

## Pakistan

- Evaluation of STD case management training of informal health care providers  
*Journal Article:*

Shah, S. A., S. Kristensen, M. A. Memon, H. L. White, and S. H. Vermund. "Syndromic management training for non-formal care providers in Pakistan improves quality of care for sexually transmitted diseases STD care: a randomized clinical trial," *Southeast Asian Journal of Tropical Medicine and Public Health* 38(4): 737–748.

## Paraguay

- Assessment of the risk factors for HIV infection in sex workers and MSM populations at the triple-border area in Ciudad del Este

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Paraguay\\_RiskFactors.pdf](http://www.popcouncil.org/pdfs/horizons/Paraguay_RiskFactors.pdf)

## Rwanda

- Assessing the psychosocial benefits of a community-based home visitation program for orphans and vulnerable children in Rwanda

*Research Summaries:*

<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCImpactSum.pdf>

<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCMentorSum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/rwpsychsocru.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APAM\\_162\\_9.html](http://www.popcouncil.org/projects/abstracts/APAM_162_9.html)

[http://www.popcouncil.org/projects/abstracts/SSM\\_66\\_7.html](http://www.popcouncil.org/projects/abstracts/SSM_66_7.html)

[http://www.popcouncil.org/projects/abstracts/IMHJ\\_27\\_6.html](http://www.popcouncil.org/projects/abstracts/IMHJ_27_6.html)

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_3.html](http://www.popcouncil.org/projects/abstracts/AC_18_3.html)

## Senegal

- Men having sex with men in Senegalese society: Gathering information for expanding the prevention of STDs/HIV/AIDS (Phase II)

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Senegal\\_MSMHealthNeedsSum.pdf](http://www.popcouncil.org/pdfs/horizons/Senegal_MSMHealthNeedsSum.pdf)

- Responding to the HIV/STI risks and health needs of men in Dakar, Senegal

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/msmsenegal.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/msmsenegal/msmsenegal.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/CHS\\_5\\_6.html](http://www.popcouncil.org/projects/abstracts/CHS_5_6.html)

## South Africa

- Adding emerging HIV/STI issues to FP and ANC—Situation analysis in KwaZulu Natal

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/kznsitanls.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kznsitanlru.pdf>

- Addressing stigma and strengthening prevention, care, and support services for workers

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/eskombsum.pdf>

- Building FBO capacity to deliver mutual monogamy interventions to church members in the Eastern Cape of South Africa

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/SouthAfricaFBOMutualMonRU.pdf>

- Cost analysis of models of PLHA caregivers in South Africa

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/hbccrgvrsa.pdf>

<http://www.popcouncil.org/pdfs/horizons/hbcprogimpcstssa.pdf>

- Different models of delivering ART and integration of ART with TB services in South Africa: A situation analysis

*Final Report:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ARTandTB.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ARTandTB.pdf)

Ndhlovu, Lewis, Tonicah Maphanga, Lindiwe Madikizela. 2008 (forthcoming). "Exploring current practices in integrating antiretroviral therapy with TB services," *Horizons Final Report*. Washington, DC: Population Council.

- The elderly as HIV/AIDS caregivers: An assessment of the burden of HIV/AIDS care giving on the elderly in the Eastern Cape Province

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/saeldrcrgvrru.pdf>

- Evaluation of the mothers2mothers in KwaZulu Natal

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/m2mFinalReport.pdf>

- Expanding access to HIV/AIDS treatment to children through family-centered approach in a South African setting: A pilot

*Research Summary:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_FamilyCenteredApproach.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_FamilyCenteredApproach.pdf)

- Exploring current practices in pediatric ARV roll-out and integration with early childhood programs in South Africa

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/sapedssa.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/sapedssasum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/sapedmtg05.pdf>

- Factors affecting access to ART and HIV care services for OVC: A situation analysis in the Mariannhill area of KwaZulu Natal  
*Final Report:* Forthcoming  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_HIVCareOVC.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_HIVCareOVC.pdf)
- Integrating AB into the Life Skills program in Mpumalanga Province  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ABLifeskills.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ABLifeskills.pdf)
- Involving young people in the care and support of OVC in KwaZulu Natal  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_YouthCareGiversSum.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_YouthCareGiversSum.pdf)
- Operations research in the Carletonville STD/HIV project: Evaluating a combination of strengthened STD service delivery and STD/HIV prevention and selective presumptive treatment incl. nested descriptive and exploratory studies  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/crltnvll.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/crltnvllsum.pdf>  
  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/SAJS\\_97\\_9-10.html](http://www.popcouncil.org/projects/abstracts/SAJS_97_9-10.html)  
[http://www.popcouncil.org/projects/abstracts/AIDS\\_15\\_7\\_885.html](http://www.popcouncil.org/projects/abstracts/AIDS_15_7_885.html)
- Pilot community-based intervention program to address the needs of elderly caregivers in the Eastern Cape Province  
*Research Summary:* Forthcoming  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ElderlyCaregivers.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ElderlyCaregivers.pdf)  
Reddy, Priscilla, S. James, and H. Mutumba Bilay-Boon. 2008 (forthcoming). "A pilot community-based intervention program to address the needs of elderly caregivers in the Eastern Cape Province, South Africa," *Horizons Research Summary*. (Washington, DC: Population Council and Medical Research Unit).
- Programming for HIV prevention in South African Schools  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/saschlfnl.pdf>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/schools/sa/sa.html>  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AEP\\_18\\_4.html](http://www.popcouncil.org/projects/abstracts/AEP_18_4.html)

- Technical assistance to the Nelson Mandela Children's Fund (NMCF), Goelama Project  
*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/nmcfhshldsum.pdf>

<http://www.popcouncil.org/pdfs/horizons/nmcfythsum.pdf>

- Transition to adulthood in the context of AIDS in South Africa  
*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/lfsklsfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/salfsklls/salfskllssum.html>

*Wave 1 report:*

<http://www.popcouncil.org/pdfs/horizons/tasa.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/ythkznsum.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/JAH\\_36\\_4.html](http://www.popcouncil.org/projects/abstracts/JAH_36_4.html)

[http://www.popcouncil.org/projects/abstracts/AB\\_8\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_8_3.html)

[http://www.popcouncil.org/projects/abstracts/RHM\\_11\\_22\\_122.html](http://www.popcouncil.org/projects/abstracts/RHM_11_22_122.html)

[http://www.popcouncil.org/projects/abstracts/AB\\_10\\_6.html](http://www.popcouncil.org/projects/abstracts/AB_10_6.html)

## Swaziland

- Repositioning postnatal care in a high HIV prevalence environment: Operations research in Swaziland

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Swaziland\\_PostnatalCare.pdf](http://www.popcouncil.org/pdfs/horizons/Swaziland_PostnatalCare.pdf)

## Tanzania

- Further field testing and refinement of HIV stigma indicators: Testing their performance over time in Tanzania

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Tanzania\\_StigmaIndicators.pdf](http://www.popcouncil.org/pdfs/horizons/Tanzania_StigmaIndicators.pdf)

- HIV-associated violence: Implications for HIV counseling and testing programs in Dar Es Salaam

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/vctviolence.pdf>

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/vct\\_violence.html](http://www.popcouncil.org/horizons/ressum/vct_violence.html)

*Journal Article:*

<http://www.popcouncil.org/pdfs/horizons/VCTarticle.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AB\\_7\\_4.html](http://www.popcouncil.org/projects/abstracts/AB_7_4.html)

- Reducing HIV risk through violence prevention with young men in Tanzania  
*Final Report:* Forthcoming  
[http://www.popcouncil.org/pdfs/horizons/Tanzania\\_ViolencePrev.pdf](http://www.popcouncil.org/pdfs/horizons/Tanzania_ViolencePrev.pdf)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_19\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_19_8.html)

## Thailand

- Community-level case management of opportunistic infections in settings with high HIV/AIDS prevalence (Lampang)
- Development of a strategy for scale-up of the 'Positive Partnership' model

*Journal article:*

[http://www.popcouncil.org/projects/abstracts/GPH\\_3\\_2.html](http://www.popcouncil.org/projects/abstracts/GPH_3_2.html)

- Evaluation and accreditation of workplace AIDS programs

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/tbcafnl.pdf>

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/wrkplc/tbca/tbca\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/tbca/tbca_intro.html)

*Research Update:*

[http://www.popcouncil.org/horizons/ressum/lnknginsurance\\_thailand.html](http://www.popcouncil.org/horizons/ressum/lnknginsurance_thailand.html)

- Programming for HIV prevention in Thai schools

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/thaischlssum.pdf>

*Baseline Report:*

<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>

- Reducing drop-outs and increasing adherence rates among PLHA on HAART in northern Thailand

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/thaisituationanalysis.pdf>

## Uganda

- Building evaluation capacity among the staff of The Straight Talk program

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/UgandaStraightTalk.pdf>

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Uganda\\_StraightTalkSum.pdf](http://www.popcouncil.org/pdfs/horizons/Uganda_StraightTalkSum.pdf)

- Improving food security of AIDS-affected households in Uganda

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/UgandaFoodSecurity.pdf>

- A modified approach to support AIDS-affected children  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphnsfnl.pdf>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphansbsln.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/orphans/orphanssum.html>  
  
*Congressional Testimony:*  
<http://www.popcouncil.org/horizons/orphancongresstest.html>
- VCT among youth  
Phase II  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/vctyth/vctythsum.html>  
  
Phase I  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/vctyouthbaseline.pdf>
- VCT integration into health services

## Vietnam

- Expanding workplace HIV/STI prevention activities for migrant construction workers  
*Final Report:*  
[http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr_intro.html)  
  
*Research Summary:*  
[http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr_intro.html)
- Reducing HIV/AIDS-related stigma and discrimination in the healthcare setting in Vietnam  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Vietnam\\_HospitalStigmaReduction.pdf](http://www.popcouncil.org/pdfs/horizons/Vietnam_HospitalStigmaReduction.pdf)  
  
*Manual for Health Care Workers:*  
[http://www.popcouncil.org/pdfs/horizons/Vietnam\\_HospitalStigmaReduction\\_Manual.pdf](http://www.popcouncil.org/pdfs/horizons/Vietnam_HospitalStigmaReduction_Manual.pdf)

## Zambia

- Caring for health workers: Addressing psychosocial burden of HIV/AIDS on health personnel in Zambia  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Zambia\\_HealthWorkers.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_HealthWorkers.pdf)  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AB\\_11\\_1.html](http://www.popcouncil.org/projects/abstracts/AB_11_1.html)

- Community (Ndola) integrated VCT and MCH project  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/ndolafnl.pdf>  
  
*Midterm Report:*  
<http://www.popcouncil.org/pdfs/horizons/ndolamdtrm.pdf>
  - Community education and referral: Supporting adherence to antiretroviral treatment and prevention for people with HIV in Zambia  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/Zambia\\_ARVAdherenceSum.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_ARVAdherenceSum.pdf)  
  
*Research Update:*  
[http://www.popcouncil.org/pdfs/horizons/ZambiaART\\_RU.pdf](http://www.popcouncil.org/pdfs/horizons/ZambiaART_RU.pdf)
  - Decisions to seek HIV VCT among Zambian adolescents: Influences of individual, familial, and environmental factors  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/zambvctyth.pdf>  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_1.html](http://www.popcouncil.org/projects/abstracts/AC_20_1.html)
  - Prevention of mother-to-child transmission  
*Research Summaries:*  
<http://www.popcouncil.org/horizons/ressum/pmtctfp/pmtctfp.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctvct/pmtctvct.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctif/pmtctif.html>
  - Promoting the sustainability of PLHA care and support activities by young people in Zambia Phase I  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/zmbcsythfnl.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/zmbcsyth/zmbcsythsum.html>  
  
*Research Update:*  
[http://www.popcouncil.org/horizons/ressum/youthinvsum\\_zambia.html](http://www.popcouncil.org/horizons/ressum/youthinvsum_zambia.html)  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_18_8.html)
- Phase II  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/Zambia\\_YouthCareandSupportII.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_YouthCareandSupportII.pdf)

## Zimbabwe

- Assessing the contribution of microfinance programs to mitigating the impact of HIV/AIDS

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/microfinzimbfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/microfinzimb/microfinzimb.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/JM\\_7\\_1.html](http://www.popcouncil.org/projects/abstracts/JM_7_1.html)

- Exploring psychosocial and behavioral impacts of the Masiye Camp for OVC

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/zimorphans.pdf>

- Female condom case study
- Female condom user study in Zimbabwe

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/fcz.pdf>

*Research Summaries:*

<http://www.popcouncil.org/horizons/ressum/fczimb/fczimb.html>

<http://www.popcouncil.org/horizons/ressum/fczimbresadvgovt/index.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/IFPP\\_31\\_1.html](http://www.popcouncil.org/projects/abstracts/IFPP_31_1.html)

- Reducing STD/HIV risk among pregnant women and their partners in Zimbabwe

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Zimbabwe\\_MaleInvolvement.pdf](http://www.popcouncil.org/pdfs/horizons/Zimbabwe_MaleInvolvement.pdf)

## *Other Activities (Non-research)*

### Global

- FP/HIV integration activities  
*Coordination of the FP/HIV integration working group*

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/fpandpmtctrprt.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/L\\_366\\_9481.html](http://www.popcouncil.org/projects/abstracts/L_366_9481.html)

<http://www.popcouncil.org/pdfs/councilarticles/sfp/SFP363Rutenberg.pdf>

### Senegal

- Setting a national HIV/AIDS research agenda  
*French Reports:*  
Dia, Fatim Louise. 2000. "Premier forum national de la recherche sur le Sida: Bilan et priorités de la recherche au Sénégal, rapport analytique," *Recherches sur le Sida au Sénégal*, no 1. Dakar: Population Council.

“Premier forum national de la recherche sur le Sida: Bilan et priorités de la recherche au Sénégal, rapport final,” *Recherches sur le Sida au Sénégal*, no 4. Dakar: Réser-Sida, CNLS, and Population Council.

## Thailand

- Translation and international dissemination of reproductive tract infections fact sheets  
*Fact sheets:*  
<http://www.popcouncil.org/pdfs/RTIFacsheetsRev.pdf>

## Global Leadership

### Global

- Peer education summit, Jamaica, 1999  
*Report:*  
[http://www.popcouncil.org/pdfs/peer\\_ed.pdf](http://www.popcouncil.org/pdfs/peer_ed.pdf)
- Technical meeting to develop an operations research agenda on comprehensive behavior change approaches for HIV prevention, Washington DC, 2003  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/abcmtqrprt.pdf>
- Workshop on access to treatment, Washington DC, 2001  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/accesstotreatment.pdf>
- Workshop on AIDS, San Francisco, 1999
- Workshop on male circumcision, Washington DC, 2000  
*Report:*  
<http://www.popcouncil.org/pdfs/circumcision.pdf>

## India

- Workshop on current issues in HIV counseling and testing in South and Southeast Asia

## Kenya

- Workshop on PMTCT  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/mchconskenya.pdf>

## South Africa

- Care and support symposium  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/sacssymp.pdf>
- Monitoring and evaluation capacity building workshops for USG South Africa beneficiaries to operationalize PEPFAR indicators

## B. Horizons Studies/Activities by Topic

### Capacity Building

- CAPS visiting scholars
- Setting a national HIV/AIDS research agenda  
*French Reports:*  
Dia, Fatim Louise. 2000. "Premier forum national de la recherche sur le Sida: Bilan et priorités de la recherche au Sénégal, rapport analytique," *Recherches sur le Sida au Sénégal*, no 1. Dakar: Population Council.  
  
"Premier forum national de la recherche sur le Sida: Bilan et priorités de la recherche au Sénégal, rapport final," *Recherches sur le Sida au Sénégal*, no 4. Dakar: Réser-Sida, CNLS, and Population Council.
- Support for setting a national HIV/AIDS research agenda in Kenya and Zambia
- Training course developed and delivered in utilization of research results

### Counseling and Testing

- Alcohol and substance abuse profile of clients attending VCT sites: An operations research study  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_VCTandAlcohol.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_VCTandAlcohol.pdf)  
  
*Research Update:*  
<http://www.popcouncil.org/pdfs/horizons/kevctalcoholru.pdf>
- Assessment of counseling, care and support center, Nairobi  
*Final Report:*  
Population Council and Family Health International. 1999. "HIV/AIDS counselling, testing care and support services in Nairobi Kenya." Nairobi: Population Council.
- Caring for health workers: Addressing psychosocial burden of HIV/AIDS on health personnel in Zambia  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Zambia\\_HealthWorkers.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_HealthWorkers.pdf)  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AB\\_11\\_1.html](http://www.popcouncil.org/projects/abstracts/AB_11_1.html)
- Cooperative project with WHO to produce a review of VCT programs for youth  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/vctythrww.pdf>
- Decisions to seek HIV VCT among Zambian adolescents: Influences of individual, familial, and environmental factors  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/zambvctyth.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_1.html](http://www.popcouncil.org/projects/abstracts/AC_20_1.html)

- HIV prevention, testing and treatment for mobile populations: Focus on truck drivers in Brazil

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/BrazilTruckersReport.pdf>

*Research Update:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_2.html](http://www.popcouncil.org/projects/abstracts/AC_20_2.html)

- HIV testing competence and practices among health workers in Kenya: A diagnostic study

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/KenyaHealthWorkerSurvey.pdf>

- HIV-associated violence: Implications for HIV counseling and testing programs in Dar Es Salaam

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/vctviolence.pdf>

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/vct\\_violence.html](http://www.popcouncil.org/horizons/ressum/vct_violence.html)

*Journal Article:*

<http://www.popcouncil.org/pdfs/horizons/VCTarticle.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AB\\_7\\_4.html](http://www.popcouncil.org/projects/abstracts/AB_7_4.html)

- Improving the quality of STI/HIV/AIDS prevention and STI testing and treatment in commercial sex workers at the Brazil/Bolivia frontier in Corumbá
- Knowing myself first: Assessing the feasibility of HIV self-testing among health workers in Kenya  
Project is continuing with CDC/Kenya support

- School as a workplace: Addressing the psychosocial burden of HIV/AIDS among teachers in Kenya

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_TeachersMatter.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_TeachersMatter.pdf)

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/ketchrsbslnru.pdf>

- Systematic review of HIV intervention effectiveness in developing countries

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_50\\_4.html](http://www.popcouncil.org/projects/abstracts/SSM_50_4.html)

[http://www.popcouncil.org/projects/abstracts/AB\\_12\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_12_3.html)

[http://www.popcouncil.org/projects/abstracts/HER\\_21\\_4.html](http://www.popcouncil.org/projects/abstracts/HER_21_4.html)  
<http://www.aidsonline.com/pt/re/aids/pdfhandler.00002030-200705110-00033.pdf;jsessionid=L2WpnxVXQ4C2hfhymYNz4gWpjQJ7x1Zfwh1GKT1GL34TTXVKhzJh!-1715237437!181195628!8091!-1>

- VCT among youth (Kenya and Uganda)  
Phase II

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/vctyth/vctythsum.html>

Phase I

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/vctyouthbaseline.pdf>

- VCT integration into health services (Uganda)
- Workshop on current issues in HIV counseling and testing in South and Southeast Asia

## FP/HIV Integration

- Adding emerging HIV/STI issues to FP and ANC—Situation analysis in KwaZulu Natal  
*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/kznstanls.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kznstanlru.pdf>

- Community-based approaches to PMTCT

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/KenyaCommunityPMTCT.pdf>

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/fppmtctnairobi.pdf>

<http://www.popcouncil.org/pdfs/horizons/ifpmtctnairobi.pdf>

- FP/HIV integration activities

*Coordination of the FP/HIV integration working group*

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/fpandpmtctrprt.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/L\\_366\\_9481.html](http://www.popcouncil.org/projects/abstracts/L_366_9481.html)

<http://www.popcouncil.org/pdfs/councilarticles/sfp/SFP363Rutenberg.pdf>

- New approaches to integrating STIs/HIV/AIDS, family planning and reproductive health in Bazèga - Phase II  
Kaboré, Inoussa, Placide Tapsoba Ian Askew, and Jenny Myers. 2003. “New approaches to integrating STIs, HIV/AIDS, family planning and reproductive health in Bazèga, Burkina Faso,” *FRONTIERS Final Report*. Washington, DC: Population Council.
- Prevention of mother-to-child transmission

*Research Summaries:*

<http://www.popcouncil.org/horizons/ressum/pmtctfp/pmtctfp.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctvct/pmtctvct.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctif/pmtctif.html>

- Transition to adulthood in the context of AIDS in South Africa

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/lfsklsfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/salfsklls/salfskllssum.html>

*Wave 1 Report:*

<http://www.popcouncil.org/pdfs/horizons/tasa.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/ythkznsun.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/JAH\\_36\\_4.html](http://www.popcouncil.org/projects/abstracts/JAH_36_4.html)  
[http://www.popcouncil.org/projects/abstracts/AB\\_8\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_8_3.html)  
[http://www.popcouncil.org/projects/abstracts/RHM\\_11\\_22\\_122.html](http://www.popcouncil.org/projects/abstracts/RHM_11_22_122.html)  
[http://www.popcouncil.org/projects/abstracts/AB\\_10\\_6.html](http://www.popcouncil.org/projects/abstracts/AB_10_6.html)

## Mitigating the Impact

- Assessing the contribution of microfinance programs to mitigating the impact of HIV/AIDS

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/microfinzimbfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/microfinzimb/microfinzimb.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/JM\\_7\\_1.html](http://www.popcouncil.org/projects/abstracts/JM_7_1.html)

- Assessing the psychosocial benefits of a community-based home visitation program for orphans and vulnerable children in Rwanda

*Research Summaries:*

<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCImpactSum.pdf>  
<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCMentorSum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/rwpsychsocru.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APAM\\_162\\_9.html](http://www.popcouncil.org/projects/abstracts/APAM_162_9.html)  
[http://www.popcouncil.org/projects/abstracts/SSM\\_66\\_7.html](http://www.popcouncil.org/projects/abstracts/SSM_66_7.html)  
[http://www.popcouncil.org/projects/abstracts/IMHJ\\_27\\_6.html](http://www.popcouncil.org/projects/abstracts/IMHJ_27_6.html)  
[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_3.html](http://www.popcouncil.org/projects/abstracts/AC_18_3.html)

- Community education and referral: Supporting adherence to antiretroviral treatment and prevention for people with HIV in Zambia  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/Zambia\\_ARVAdherenceSum.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_ARVAdherenceSum.pdf)  
  
*Research Update:*  
[http://www.popcouncil.org/pdfs/horizons/ZambiaART\\_RU.pdf](http://www.popcouncil.org/pdfs/horizons/ZambiaART_RU.pdf)
- Cost analysis of models of PLHA caregivers in South Africa  
*Research Updates:*  
<http://www.popcouncil.org/pdfs/horizons/hbccrgvrsa.pdf>  
<http://www.popcouncil.org/pdfs/horizons/hbcprogimpcstssa.pdf>
- Development of a strategy for scale-up of the 'Positive Partnership' model  
*Journal article:*  
[http://www.popcouncil.org/projects/abstracts/GPH\\_3\\_2.html](http://www.popcouncil.org/projects/abstracts/GPH_3_2.html)
- The elderly as HIV/AIDS caregivers: An assessment of the burden of HIV/AIDS care giving on the elderly in the Eastern Cape Province  
*Research Update:*  
<http://www.popcouncil.org/pdfs/horizons/saeldrcrgvrru.pdf>
- Exploring psychosocial and behavioral impacts of the Masiye Camp for OVC  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/zimorphans.pdf>
- Involving young people in the care and support of OVC in KwaZulu Natal  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_YouthCareGiversSum.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_YouthCareGiversSum.pdf)
- Improving food security of AIDS-affected households in Uganda  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/UgandaFoodSecurity.pdf>
- A modified approach to support AIDS-affected children  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphnsfnl.pdf>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphansbsln.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/orphans/orphanssum.html>  
  
*Congressional Testimony:*  
<http://www.popcouncil.org/horizons/orphancongresstest.html>
- Pilot community-based intervention program to address the needs of elderly caregivers in the Eastern Cape Province  
*Research Summary:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ElderlyCaregivers.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ElderlyCaregivers.pdf)

Reddy, Priscilla, S. James, and H. Mutumba Bilay-Boon. 2009 (forthcoming). "A pilot community-based intervention program to address the needs of elderly caregivers in the Eastern Cape Province, South Africa," *Horizons Research Summary*. Washington, DC: Population Council and Medical Research Unit.

- Promoting the sustainability of PLHA care and support activities by young people in Zambia Phase I

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/zmbcsythfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/zmbcsyth/zmbcsythsum.html>

*Research Update:*

[http://www.popcouncil.org/horizons/ressum/youthinvsum\\_zambia.html](http://www.popcouncil.org/horizons/ressum/youthinvsum_zambia.html)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_18_8.html)

Phase II

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Zambia\\_YouthCareandSupportII.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_YouthCareandSupportII.pdf)

- Putting food on the table: An exploration of livelihood strategies and their role in maintaining nutritional status among ART patients

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/KenyaZambia\\_FoodART.pdf](http://www.popcouncil.org/pdfs/horizons/KenyaZambia_FoodART.pdf)

- Review of the literature on HIV/AIDS and provision of home-based care

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/HPP\\_21\\_5.html](http://www.popcouncil.org/projects/abstracts/HPP_21_5.html)

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/xpndngcrcntm.pdf>

- Scaling up affordable and appropriate care and support services for PLHA in South India

*Final Reports:*

<http://www.popcouncil.org/pdfs/horizons/yrgcrc cohortfnl.pdf>

<http://www.popcouncil.org/pdfs/horizons/yrgcrsclng.p.pdf>

<http://www.popcouncil.org/pdfs/horizons/yrgcrbsmdl.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/yrgcrbsmdl.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_2.html](http://www.popcouncil.org/projects/abstracts/AC_18_2.html)

[http://www.popcouncil.org/projects/abstracts/APCS\\_22\\_12.html](http://www.popcouncil.org/projects/abstracts/APCS_22_12.html)

Solomon S., A. Batavia, K. K. Venkatesh, L. Brown, P. Verma, A. J. Cecelia, C. Daly, V. S. Mahendra, N. Kumarasamy, and K. H. Mayer. "A longitudinal quality of life study of HIV-infected persons in South India: the case for comprehensive clinical care and support services," accepted for publication in 2008 in *AIDS Education and Prevention*.

- Technical assistance to the Nelson Mandela Children's Fund (NMCF), Goelama Project  
*Research Updates:*  
<http://www.popcouncil.org/pdfs/horizons/nmcfhshldsum.pdf>  
<http://www.popcouncil.org/pdfs/horizons/nmcfythsum.pdf>
- Training Kenyan Scouts in HIV home caregiving
- Training manual (for local use), PATH will further refine

## Mother-to-Child Transmission

- Community (Ndola) integrated VCT and MCH project  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/ndolafnl.pdf>  
  
*Midterm Report:*  
<http://www.popcouncil.org/pdfs/horizons/ndolamdtrm.pdf>  
  
*Research Summaries:*  
<http://www.popcouncil.org/horizons/ressum/pmtctfp/pmtctfp.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctvct/pmtctvct.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctif/pmtctif.html>
- Community-based approaches to PMTCT  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/KenyaCommunityPMTCT.pdf>  
  
*Research Updates:*  
<http://www.popcouncil.org/pdfs/horizons/fppmtctnairobi.pdf>  
<http://www.popcouncil.org/pdfs/horizons/ifpmtctnairobi.pdf>
- FP/HIV integration activities  
*Coordination of the FP/HIV integration working group*  
  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/fpandpmtctrprt.pdf>  
  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/L\\_366\\_9481.html](http://www.popcouncil.org/projects/abstracts/L_366_9481.html)  
<http://www.popcouncil.org/pdfs/councilarticles/sfp/SFP363Rutenberg.pdf>
- Evaluation of adherence to short course antiretroviral prophylaxis for PMTCT in Francistown  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Botswana\\_PMTCT.pdf](http://www.popcouncil.org/pdfs/horizons/Botswana_PMTCT.pdf)
- Evaluation of the mothers2mothers in KwaZulu Natal  
*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/m2mFinalReport.pdf>

- From PPTCT to PPTCT Plus—A diagnostic operations research to inform the national initiative on improving access to treatment, care and support for HIV-positive women and their families  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/IndiaPPTCT.pdf>
- Prevention of mother-to-child transmission (from Zambia)  
*Research Summaries:*  
<http://www.popcouncil.org/horizons/ressum/pmtctfp/pmtctfp.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctif/pmtctif.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctvct/pmtctvct.html>
- Repositioning postnatal care in a high HIV prevalence environment: Operations research in Swaziland  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Swaziland\\_PostnatalCare.pdf](http://www.popcouncil.org/pdfs/horizons/Swaziland_PostnatalCare.pdf)
- Targeted evaluation of the effect of health facility stigma-reduction interventions on PMTCT provider attitudes and uptake of PMTCT services
- Testing the feasibility and impact of a package of services during pregnancy and first six months of life for reducing mother to child transmission of HIV in Kenya and Zambia  
*Research Summaries:*  
<http://www.popcouncil.org/horizons/ressum/pmtctfp/pmtctfp.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctif/pmtctif.html>  
<http://www.popcouncil.org/horizons/ressum/pmtctvct/pmtctvct.html>
- Workshop on PMTCT (Kenya)  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/mchconskenya.pdf>

## Prevention of Sexual Transmission

- Acceptability of female condom by sex workers  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/fcbrazil/fcbrazil.html>
- Adding emerging HIV/STI issues to FP and ANC—Situation analysis in KwaZulu Natal  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/kznsitanls.pdf>  
*Research Update:*  
<http://www.popcouncil.org/pdfs/horizons/kznsitanlru.pdf>
- Addressing the problem of reproductive tract infection: Developing a program guidance tool (Global: Brazil, Cambodia, Ghana, Latvia, Thailand)  
*Toolkit:*  
[www.popcouncil.org/rh/pgt](http://www.popcouncil.org/rh/pgt)
- Alcohol and substance abuse profile of clients attending VCT sites: An operations research study  
*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_VCTandAlcohol.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_VCTandAlcohol.pdf)

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kevctalcoholru.pdf>

- Assessment of the risk factors for HIV infection in sex workers and MSM populations at the triple-border area in Ciudad del Este

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Paraguay\\_RiskFactors.pdf](http://www.popcouncil.org/pdfs/horizons/Paraguay_RiskFactors.pdf)

- Beacon of light: The Girl Guides program to mitigate HIV impact in Kenya by involving young Girl Guides and their parents

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/KenyaGirlGuidesEval.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kenyagirlguides.pdf>

- Building community identity among debt-bonded sex workers in Cambodia: An HIV prevention strategy

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/AC\\_16\\_4.html](http://www.popcouncil.org/projects/abstracts/AC_16_4.html)

Busza, Joanna. 2005. "How does a risk group perceive risk: Voices of Vietnamese sex workers in Cambodia," *Journal of Psychology and Human Sexuality* 17(1/2): 65–82.

Busza, Joanna and Bettina Schunter. 2001. "From competition to community: participatory learning and action among young, debt-bonded Vietnamese sex workers in Cambodia," *Reproductive Health Matters* 9(17): 72–81.

- Building evaluation capacity among the staff of The Straight Talk program

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/UgandaStraightTalk.pdf>

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Uganda\\_StraightTalkSum.pdf](http://www.popcouncil.org/pdfs/horizons/Uganda_StraightTalkSum.pdf)

- Building FBO capacity to deliver mutual monogamy interventions to church members in the Eastern Cape of South Africa

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/SouthAfricaFBOMutualMonRU.pdf>

- Changing the environment of sex work: New strategies for HIV prevention
- Comparison of male and female condoms in preventing exposure to semen during typical use

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/C\\_71\\_2\\_2.html](http://www.popcouncil.org/projects/abstracts/C_71_2_2.html)

- Comparison of two STD treatment and prevention interventions in sex workers

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/madswsum.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/TMIH\\_8\\_3.html](http://www.popcouncil.org/projects/abstracts/TMIH_8_3.html)

- Comprehensive behavior change communication to promote the "ABCs": Abstinence, being faithful, and using condoms

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/kenyaabc.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/kenyaabcsum.pdf>

- FP/HIV integration activities  
*Coordination of the FP/HIV integration working group*

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/fpandpmtctrprt.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/L\\_366\\_9481.html](http://www.popcouncil.org/projects/abstracts/L_366_9481.html)

<http://www.popcouncil.org/pdfs/councilarticles/sfp/SFP363Rutenberg.pdf>

- Effectiveness of condoms in reducing heterosexually transmitted HIV
- Evaluation of 100% condom only policy in sex establishments

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/drcmntygvtpcly.pdf>

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/drcmntygvtpcly/dr\\_intro.html](http://www.popcouncil.org/horizons/ressum/drcmntygvtpcly/dr_intro.html)

*Research Update:*

<http://www.popcouncil.org/horizons/ressum/dr.html>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/AJPH\\_96\\_1.html](http://www.popcouncil.org/projects/abstracts/AJPH_96_1.html)

[http://www.popcouncil.org/projects/abstracts/JHC\\_11\\_s2.html](http://www.popcouncil.org/projects/abstracts/JHC_11_s2.html)

[http://www.popcouncil.org/projects/abstracts/AIDS\\_17\\_3.html](http://www.popcouncil.org/projects/abstracts/AIDS_17_3.html)

[http://www.popcouncil.org/projects/abstracts/CHS\\_4\\_2.html](http://www.popcouncil.org/projects/abstracts/CHS_4_2.html)

- Evaluation of STD case management training of informal health care providers

*Journal Article:*

Shah, S. A., S. Kristensen, M. A. Memon, H. L. White, and **S. H. Vermund**. "Syndromic management training for non-formal care providers in Pakistan improves quality of care for sexually transmitted diseases STD care: a randomized clinical trial," *Southeast Asian Journal of Tropical Medicine and Public Health* 38(4): 737–748.

- Expanding workplace HIV/STI prevention activities for migrant construction workers

*Final Report:*

[http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr_intro.html)

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr_intro.html)

- Female condom case study
- Female condom user study in Zimbabwe

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/fcz.pdf>

*Research Summaries:*

<http://www.popcouncil.org/horizons/ressum/fczimb/fczimb.html>

<http://www.popcouncil.org/horizons/ressum/fczimbresadvgovt/index.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/IFPP\\_31\\_1.html](http://www.popcouncil.org/projects/abstracts/IFPP_31_1.html)

- HIV prevention, testing and treatment for mobile populations: Focus on truck drivers in Brazil

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/BrazilTruckersReport.pdf>

*Research Update:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_7.html](http://www.popcouncil.org/projects/abstracts/AC_20_7.html)

- HIV testing competence and practices among health workers in Kenya: A diagnostic study
- Improving the quality of STI/HIV/AIDS prevention and STI testing and treatment in commercial sex workers at the Brazil/Bolivia frontier in Corumbá  
Analysis and journal paper preparation are currently under way (supported with other funding)
- Integrating AB into the Life Skills program in Mpumalanga Province

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ABLifeskills.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ABLifeskills.pdf)

- Workshop on male circumcision, Washington DC, 2000

*Report:*

<http://www.popcouncil.org/pdfs/circumcision.pdf>

- Men having sex with men in Senegalese society: Gathering information for expanding the prevention of STDs/HIV/AIDS (Phase II)

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Senegal\\_MSMHealthNeedsSum.pdf](http://www.popcouncil.org/pdfs/horizons/Senegal_MSMHealthNeedsSum.pdf)

- New approaches to integrating STIs/HIV/AIDS, family planning and reproductive health in Bazega - Phase II

Kaboré, Inoussa, Placide Tapsoba Ian Askew, and Jenny Myers. 2003. "New approaches to integrating STIs, HIV/AIDS, family planning and reproductive health in Bazèga, Burkina Faso," *FRONTIERS Final Report*. Washington, DC: Population Council.

- Operations research in the Carletonville STD/HIV project: Evaluating a combination of strengthened STD service delivery and STD/HIV prevention and selective presumptive treatment incl. nested descriptive and exploratory studies

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/critnvll.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/critnvllsum.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SAJS\\_97\\_9-10.html](http://www.popcouncil.org/projects/abstracts/SAJS_97_9-10.html)

[http://www.popcouncil.org/projects/abstracts/AIDS\\_15\\_7\\_885.html](http://www.popcouncil.org/projects/abstracts/AIDS_15_7_885.html)

- Peer education summit, Jamaica

*Report:*

[http://www.popcouncil.org/pdfs/peer\\_ed.pdf](http://www.popcouncil.org/pdfs/peer_ed.pdf)

- Prevention with positive people: How do we support them in the community in Mombasa?

*Research Summary:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_PreventionWithPositives.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_PreventionWithPositives.pdf)

- Programming for HIV prevention in Mexican schools

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/schools/mex/mex.html>

*Baseline Report:*

<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>

- Programming for HIV prevention in South African Schools

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/saschlfnl.pdf>

*Baseline Report:*

<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/schools/sa/sa.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AEP\\_18\\_4.html](http://www.popcouncil.org/projects/abstracts/AEP_18_4.html)

- Programming for HIV prevention in Thai schools

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/thaischlssum.pdf>

*Baseline Report:*

<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>

- Promoting dual protection practices among women and their male partners in Ibadan

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/IFPP\\_28\\_2.html](http://www.popcouncil.org/projects/abstracts/IFPP_28_2.html)

[http://www.popcouncil.org/projects/abstracts/JUH\\_78\\_4\\_658.html](http://www.popcouncil.org/projects/abstracts/JUH_78_4_658.html)

*Research Update:*

<http://www.popcouncil.org/horizons/ressum/dualprotnig.html>

- Promoting gender equity to reduce HIV/AIDS vulnerabilities among young women and men in India

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/India\\_GenderNorms.pdf](http://www.popcouncil.org/pdfs/horizons/India_GenderNorms.pdf)

*Training Manuals:*

[http://www.popcouncil.org/pdfs/horizons/India\\_SakhiSaheli\\_Eng.pdf](http://www.popcouncil.org/pdfs/horizons/India_SakhiSaheli_Eng.pdf)

<http://www.popcouncil.org/pdfs/horizons/yaaridostieng.pdf>

- Promoting healthy relationships and HIV/STI prevention for young men in Brazil

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/brgendernorms.pdf> (English)

<http://www.popcouncil.org/pdfs/horizons/brgndrnrmssum.pdf> (Portuguese)

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/brgndrnrmssum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/brgendernorms.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/MM\\_10\\_3.html](http://www.popcouncil.org/projects/abstracts/MM_10_3.html)

- Reducing HIV risk behavior among key populations by strengthening programs through community involvement

*Research Summary:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/India\\_FPP.pdf](http://www.popcouncil.org/pdfs/horizons/India_FPP.pdf)

Samuels, Fiona, Ravi Verma, C. K. George. 2009 (forthcoming). "Reducing HIV risk behaviors among key populations through empowerment and building social capital: Findings from Andhra Pradesh, India," *Horizons Research Summary*. Washington, DC: Population Council.

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/incmntyinvolvru.pdf>

*Book Chapter:*

Samuels, Fiona, Ravi K. Verma, and C.K. George. 2006. "Stigma, discrimination and violence amongst female sex workers and men who have sex with men in Andhra Pradesh, India," in Anke van der Kwaak and Madeleen Wegelin-Schuringa (guest eds.), *Gender and Health: Policy and Practice—A Global Sourcebook*, part of Sarah Cummings, Henk van Dam, and Minke Valk (eds.), Gender, Society & Development book series. Netherlands: Royal Tropical Institute, pp. 95–109.

- Reducing HIV risk through violence prevention with young men in Tanzania  
*Final Report:* Forthcoming  
[http://www.popcouncil.org/pdfs/horizons/Tanzania\\_ViolencePrev.pdf](http://www.popcouncil.org/pdfs/horizons/Tanzania_ViolencePrev.pdf)  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AC\\_19\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_19_8.html)
- Reducing HIV/STI risk and improving treatment for male sex workers in Mombasa, Kenya  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/STD\\_35\\_8.html](http://www.popcouncil.org/projects/abstracts/STD_35_8.html)  
[http://www.popcouncil.org/projects/abstracts/AIDS\\_21\\_10.html](http://www.popcouncil.org/projects/abstracts/AIDS_21_10.html)
- Reducing STD/HIV risk among pregnant women and their partners in Zimbabwe  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/Zimbabwe\\_MaleInvolvement.pdf](http://www.popcouncil.org/pdfs/horizons/Zimbabwe_MaleInvolvement.pdf)
- Reducing young men's HIV risk via promotion of gender-equitable norms and behavior  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/ingndrnrmssum.pdf>  
  
*Journal Article :*  
<http://medind.nic.in/jah/t04/s1/jaht04s1p71g.pdf>  
  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/RHM\\_14\\_28.html](http://www.popcouncil.org/projects/abstracts/RHM_14_28.html)  
[http://www.popcouncil.org/projects/abstracts/IJSW\\_65\\_4.html](http://www.popcouncil.org/projects/abstracts/IJSW_65_4.html)
- Research to understand sexual and reproductive health needs of men in Nairobi  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/msmkenya.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/msmkenyasum.pdf>
- Responding to the HIV/STI risks and health needs of men in Dakar, Senegal  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/msmsenegal.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/msmsenegal/msmsenegal.html>  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/CHS\\_5\\_6.html](http://www.popcouncil.org/projects/abstracts/CHS_5_6.html)
- Retrospective assessment of COPE I program in Nanwera, Mangochi District  
*Final Report:*  
Esu-Williams, Eka, Joan Duncan, Stan Phiri, David Chilongozi. 2000. "A retrospective assessment of the COPE 1 Program in Namwera, Malawi," *Horizons Final Report*. Washington, DC: Population Council.

- Risk factors for HIV infection in the MSM population in the metropolitan area of Campinas City using respondent-driven sampling  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Brazil\\_MSMRiskFactors.pdf](http://www.popcouncil.org/pdfs/horizons/Brazil_MSMRiskFactors.pdf)  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/STI\\_84\\_6.html](http://www.popcouncil.org/projects/abstracts/STI_84_6.html)
- School as a workplace: Addressing the psychosocial burden of HIV/AIDS among teachers in Kenya  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_TeachersMatter.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_TeachersMatter.pdf)  
  
*Research Update:*  
<http://www.popcouncil.org/pdfs/horizons/ketchrsbslnru.pdf>
- Sex workers and community development: Phase I – Sonagachi
- Sex work and community development: Phase II – Rio de Janeiro  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/HER\\_23\\_1.html](http://www.popcouncil.org/projects/abstracts/HER_23_1.html)
- Stigma reduction and community mobilization for HIV prevention via multi-media programs  
*Final Reports:*  
[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction.pdf) (English)  
[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction\\_ES.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction_ES.pdf) (Spanish)
- Systematic review of HIV intervention effectiveness in developing countries  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/SSM\\_50\\_4.html](http://www.popcouncil.org/projects/abstracts/SSM_50_4.html)  
[http://www.popcouncil.org/projects/abstracts/AB\\_12\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_12_3.html)  
[http://www.popcouncil.org/projects/abstracts/HER\\_21\\_4.html](http://www.popcouncil.org/projects/abstracts/HER_21_4.html)  
<http://www.aidsonline.com/pt/re/aids/pdfhandler.00002030-200705110-00033.pdf;jsessionid=L2WpnxVXQ4Q2hfymYNz4gWpjQJ7x1Zfwh1GKT1GL34TTXVKhzJh!-1715237437!181195628!8091!-1>
- Targeted vs. general population interventions for STD/HIV prevention
- Technical assistance to the Nelson Mandela Children's Fund (NMCF), Goelama Project  
*Research Updates:*  
<http://www.popcouncil.org/pdfs/horizons/nmcfhshldsum.pdf>  
<http://www.popcouncil.org/pdfs/horizons/nmcfythsum.pdf>
- Technical meeting to develop an operations research agenda on comprehensive behavior change approaches for HIV prevention  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/abcmtgrprt.pdf>
- Testing prepackaged therapy for male urethral discharge syndrome in Ghana: A feasibility study  
*Final Report: forthcoming*  
[http://www.popcouncil.org/pdfs/horizons/Ghana\\_STITherapy.pdf](http://www.popcouncil.org/pdfs/horizons/Ghana_STITherapy.pdf)

- Transition to adulthood in the context of AIDS in South Africa

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/lfsklsfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/salfskills/salfskillssum.html>

*Wave 1 report:*

<http://www.popcouncil.org/pdfs/horizons/tasa.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/ythkznsum.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/JAH\\_36\\_4.html](http://www.popcouncil.org/projects/abstracts/JAH_36_4.html)

[http://www.popcouncil.org/projects/abstracts/AB\\_8\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_8_3.html)

[http://www.popcouncil.org/projects/abstracts/RHM\\_11\\_22\\_122.html](http://www.popcouncil.org/projects/abstracts/RHM_11_22_122.html)

[http://www.popcouncil.org/projects/abstracts/AB\\_10\\_6.html](http://www.popcouncil.org/projects/abstracts/AB_10_6.html)

- Translation and international dissemination of reproductive tract infections fact sheets

*Fact sheet:*

<http://www.popcouncil.org/pdfs/RTIFacsheetsRev.pdf>

- Validation of the accuracy of prostate-specific antigen detection in vaginal fluids, obtained by self-sampling, as marker of semen exposure and condom failure

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/HR\\_AOP\\_2.html](http://www.popcouncil.org/projects/abstracts/HR_AOP_2.html)

## Stigma and Discrimination

- Addressing stigma and strengthening prevention, care, and support services for workers

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/eskombslnsum.pdf>

- Building consensus on how to combat HIV/AIDS related stigma and discrimination

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/AEP\\_15\\_1.html](http://www.popcouncil.org/projects/abstracts/AEP_15_1.html)

[http://www.popcouncil.org/projects/abstracts/SSM\\_57\\_1.html](http://www.popcouncil.org/projects/abstracts/SSM_57_1.html)

*Reports:*

<http://www.popcouncil.org/pdfs/horizons/sdcncptlfrmwrk.pdf>

<http://www.popcouncil.org/pdfs/horizons/litrvwstigdisc.pdf>

[http://www.popcouncil.org/pdfs/HORIZONS\\_paper.pdf](http://www.popcouncil.org/pdfs/HORIZONS_paper.pdf)

- Decisions to seek HIV VCT among Zambian adolescents: Influences of individual, familial, and environmental factors

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/zambvctyth.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_1.html](http://www.popcouncil.org/projects/abstracts/AC_20_1.html)

- Development of a strategy for scale-up of the 'Positive Partnership' model  
*Journal article:*  
[http://www.popcouncil.org/projects/abstracts/GPH\\_3\\_2.html](http://www.popcouncil.org/projects/abstracts/GPH_3_2.html)
- Diagnostic study on the involvement of PLHA in the delivery of community-based prevention and care services (Burkina Faso, Ecuador, Zambia, India)  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/plha4cntryrprt.pdf>  
  
*Research Summaries:*  
<http://www.popcouncil.org/horizons/ressum/plha4cntry/plha4cntry.html>  
<http://www.popcouncil.org/pdfs/horizons/ecuadoralliancesum.pdf>  
<http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>  
  
*Other:*  
[http://www.usaid.gov/our\\_work/global\\_health/aids/News/successpdfs/fourcountry04.pdf](http://www.usaid.gov/our_work/global_health/aids/News/successpdfs/fourcountry04.pdf)
- Further field testing and refinement of HIV stigma indicators: Testing their performance over time in Tanzania  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Tanzania\\_StigmaIndicators.pdf](http://www.popcouncil.org/pdfs/horizons/Tanzania_StigmaIndicators.pdf)
- HIV prevention, testing and treatment for mobile populations: Focus on truck drivers in Brazil  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/BrazilTruckersReport.pdf>  
  
*Research Update:*  
[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)  
[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_7.html](http://www.popcouncil.org/projects/abstracts/AC_20_7.html)
- Impact assessment of Burkina Faso PLHA study  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>
- Improving the hospital environment for HIV positive clients in India  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/inplhafriendly.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/inplhafrndlysum.pdf>  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/JSAHA\\_4\\_2.html](http://www.popcouncil.org/projects/abstracts/JSAHA_4_2.html)  
  
*Other:*  
<http://www.popcouncil.org/horizons/pfechk1st.html>

- Involving young people in the care and support of OVC in KwaZulu Natal  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_YouthCareGiversSum.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_YouthCareGiversSum.pdf)
- Men having sex with men in Senegalese society: Gathering information for expanding the prevention of STDs/HIV/AIDS (Phase II)  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/Senegal\\_MSMHealthNeedsSum.pdf](http://www.popcouncil.org/pdfs/horizons/Senegal_MSMHealthNeedsSum.pdf)
- Operations research around the introduction of ARVs in the management of HIV infected individuals in Mombasa  
*Research Summaries:*  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaHouseholdImpactSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaHouseholdImpactSum.pdf)  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaStigmaSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaStigmaSum.pdf)  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaSexualBehaviorSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaSexualBehaviorSum.pdf)  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaAdherenceSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaAdherenceSum.pdf)

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/mombdaartlssnslrnd.pdf>  
<http://www.popcouncil.org/pdfs/horizons/mombsxlbhvr.pdf>  
<http://www.popcouncil.org/pdfs/horizons/mombdaart24wks.pdf>  
<http://www.popcouncil.org/pdfs/horizons/mombasaform.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APCS\\_22\\_7.html](http://www.popcouncil.org/projects/abstracts/APCS_22_7.html)  
[http://www.popcouncil.org/projects/abstracts/IJSA\\_19\\_2.html](http://www.popcouncil.org/projects/abstracts/IJSA_19_2.html)  
[http://www.popcouncil.org/projects/abstracts/JAIDS\\_48\\_5.html](http://www.popcouncil.org/projects/abstracts/JAIDS_48_5.html)

*Book Chapter:*

<http://www.fhi.org/en/HIVAIDS/pub/Delivering+ART.htm>

*Training Manual:*

<http://www.popcouncil.org/horizons/arvadhrcntrngmnl.html>

- Promoting the sustainability of PLHA care and support activities by young people in Zambia Phase I

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/zmbcsythfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/zmbcsyth/zmbcsythsum.html>

*Research Update:*

[http://www.popcouncil.org/horizons/ressum/youthinvsum\\_zambia.html](http://www.popcouncil.org/horizons/ressum/youthinvsum_zambia.html)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_18_8.html)

Phase II

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Zambia\\_YouthCareandSupportII.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_YouthCareandSupportII.pdf)

- Reducing HIV/AIDS-related stigma and discrimination in the healthcare setting in Vietnam  
*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Vietnam\\_HospitalStigmaReduction.pdf](http://www.popcouncil.org/pdfs/horizons/Vietnam_HospitalStigmaReduction.pdf)

*Manual for Health Care Workers:*

[http://www.popcouncil.org/pdfs/horizons/Vietnam\\_HospitalStigmaReduction\\_Manual.pdf](http://www.popcouncil.org/pdfs/horizons/Vietnam_HospitalStigmaReduction_Manual.pdf)

- Research to understand sexual and reproductive health needs of men in Nairobi  
*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/msmkenya.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/msmkenyasum.pdf>

- Responding to the HIV/STI risks and health needs of men in Dakar, Senegal  
*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/msmsenegal.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/msmsenegal/msmsenegal.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/CHS\\_5\\_6.html](http://www.popcouncil.org/projects/abstracts/CHS_5_6.html)

- School as a workplace: Addressing the psychosocial burden of HIV/AIDS among teachers in Kenya  
*Final Report:*

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_TeachersMatter.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_TeachersMatter.pdf)

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/ketchrsbslnru.pdf>

- Sex workers and community development: Phase I – Sonagachi
- Sex work and community development: Phase II – Rio de Janeiro

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/HER\\_23\\_1.html](http://www.popcouncil.org/projects/abstracts/HER_23_1.html)

- Stigma reduction and community mobilization for HIV prevention via multi-media programs  
*Final Reports:*

[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction.pdf) (English)

[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction\\_ES.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction_ES.pdf) (Spanish)

- Targeted evaluation of the effect of health facility stigma-reduction interventions on PMTCT provider attitudes and uptake of PMTCT services

## Treatment, Care, and Support

- Adding emerging HIV/STI issues to FP and ANC—Situation analysis in KwaZulu Natal  
*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/kznsitanls.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kznsitanlru.pdf>

- Assessing the psychosocial benefits of a community-based home visitation program for orphans and vulnerable children in Rwanda

*Research Summaries:*

<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCImpactSum.pdf>

<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCMentorSum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/rwpsychsocru.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APAM\\_162\\_9.html](http://www.popcouncil.org/projects/abstracts/APAM_162_9.html)

[http://www.popcouncil.org/projects/abstracts/SSM\\_66\\_7.html](http://www.popcouncil.org/projects/abstracts/SSM_66_7.html)

[http://www.popcouncil.org/projects/abstracts/IMHJ\\_27\\_6.html](http://www.popcouncil.org/projects/abstracts/IMHJ_27_6.html)

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_3.html](http://www.popcouncil.org/projects/abstracts/AC_18_3.html)

- Assessment of adherence to treatment and sexual risk behavior among HIV positive patients receiving antiretroviral therapy—A diagnostic study

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/indiaart.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/IJMR\\_127\\_1.html](http://www.popcouncil.org/projects/abstracts/IJMR_127_1.html)

- Barriers to uptake of pediatric HIV treatment and care in Kenya: A diagnostic study

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_PediatricHIVTreatment.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_PediatricHIVTreatment.pdf)

- Community education and referral: Supporting adherence to antiretroviral treatment and prevention for people with HIV in Zambia

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Zambia\\_ARVAdherenceSum.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_ARVAdherenceSum.pdf)

*Research Update:*

[http://www.popcouncil.org/pdfs/horizons/ZambiaART\\_RU.pdf](http://www.popcouncil.org/pdfs/horizons/ZambiaART_RU.pdf)

- Community-level case management of opportunistic infections in settings with high HIV/AIDS prevalence (Lampang)
- Cost analysis of models of PLHA caregivers in South Africa

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/hbccrgvrsa.pdf>

<http://www.popcouncil.org/pdfs/horizons/hbcprogimpcstssa.pdf>

- Diagnostic study on the involvement of PLHA in the delivery of community-based prevention and care services (Burkina Faso, Ecuador, Zambia, India)

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/plha4cntryrprt.pdf>

*Research Summaries:*

<http://www.popcouncil.org/horizons/ressum/plha4cntry/plha4cntry.html>

<http://www.popcouncil.org/pdfs/horizons/ecuadoralliancesum.pdf>

<http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>

*Other:*

[http://www.usaid.gov/our\\_work/global\\_health/aids/News/successpdfs/fourcountry04.pdf](http://www.usaid.gov/our_work/global_health/aids/News/successpdfs/fourcountry04.pdf)

- Different models of delivering ART and integration of ART with TB services in South Africa: A situation analysis

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ARTandTB.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ARTandTB.pdf)

Ndhlovu, Lewis, Tonicah Maphanga, Lindiwe Madikizela. 2008 (forthcoming). "Exploring current practices in integrating antiretroviral therapy with TB services," *Horizons Final Report*. Washington, DC: Population Council.

- The elderly as HIV/AIDS caregivers: An assessment of the burden of HIV/AIDS care giving on the elderly in the Eastern Cape Province

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/saeldrcrgvrru.pdf>

- Evaluation of the mothers2mothers in KwaZulu Natal

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/m2mFinalReport.pdf>

- Expanding access to HIV/AIDS treatment to children through family-centered approach in a South African setting: A pilot

*Research Summary: in progress*

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_FamilyCenteredApproach.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_FamilyCenteredApproach.pdf)

- Exploring current practices in pediatric ARV roll-out and integration with early childhood programs in South Africa

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/sapedssa.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/sapedssasum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/sapedmtg05.pdf>

- Exploring psychosocial and behavioral impacts of the Masiye Camp for OVC

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/zimorphans.pdf>

- Factors affecting access to ART and HIV care services for OVC: A situation analysis in the Mariannhill area of KwaZulu Natal

*Final Report: Forthcoming*

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_HIVCareOVC.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_HIVCareOVC.pdf)

- Impact assessment of Burkina Faso PLHA study  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>
- Improving the hospital environment for HIV positive clients in India  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/inplhafriendly.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/inplhafriendlysum.pdf>  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/JSAHA\\_4\\_2.html](http://www.popcouncil.org/projects/abstracts/JSAHA_4_2.html)  
  
*Other:*  
<http://www.popcouncil.org/horizons/pfechklist.html>
- Involving young people in the care and support of OVC in KwaZulu Natal  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_YouthCareGiversSum.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_YouthCareGiversSum.pdf)
- Men having sex with men in Senegalese society: Gathering information for expanding the prevention of STDs/HIV/AIDS (Phase II)  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/Senegal\\_MSMHealthNeedsSum.pdf](http://www.popcouncil.org/pdfs/horizons/Senegal_MSMHealthNeedsSum.pdf)
- A modified approach to support AIDS-affected children  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphnsfnl.pdf>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphansbsln.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/orphans/orphanssum.html>  
  
*Congressional Testimony:*  
<http://www.popcouncil.org/horizons/orphancongresstest.html>
- Operations research around the introduction of ARVs in the management of HIV infected individuals in Mombasa  
*Research Summaries:*  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaHouseholdImpactSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaHouseholdImpactSum.pdf)  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaStigmaSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaStigmaSum.pdf)  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaSexualBehaviorSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaSexualBehaviorSum.pdf)  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaAdherenceSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaAdherenceSum.pdf)

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/mombdaartlssnslrnd.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombsxlbhvr.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombdaart24wks.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombasaform.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APCS\\_22\\_7.html](http://www.popcouncil.org/projects/abstracts/APCS_22_7.html)

[http://www.popcouncil.org/projects/abstracts/IJSA\\_19\\_2.html](http://www.popcouncil.org/projects/abstracts/IJSA_19_2.html)

[http://www.popcouncil.org/projects/abstracts/JAIDS\\_48\\_5.html](http://www.popcouncil.org/projects/abstracts/JAIDS_48_5.html)

*Book Chapter:*

<http://www.fhi.org/en/HIVAIDS/pub/Delivering+ART.htm>

*Training Manual:*

<http://www.popcouncil.org/horizons/arvadrnctrngmnl.html>

- Pilot community-based intervention program to address the needs of elderly caregivers in the Eastern Cape Province  
*Research Summary:* Forthcoming  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ElderlyCaregivers.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ElderlyCaregivers.pdf)  
Reddy, Priscilla, S. James, and H. Mutumba Bilay-Boon. 2008 (forthcoming). "A pilot community-based intervention program to address the needs of elderly caregivers in the Eastern Cape Province, South Africa," *Horizons Research Summary*. (Washington, DC: Population Council and Medical Research Unit).
- Prevention with positive people: How do we support them in the community in Mombasa?  
*Research Summary:* Forthcoming  
[http://www.popcouncil.org/pdfs/horizons/Kenya\\_PreventionWithPositives.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_PreventionWithPositives.pdf)
- Promoting the sustainability of PLHA care and support activities by young people in Zambia Phase I  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/zmbcsythfml.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/zmbcsyth/zmbcsythsum.html>

*Research Update:*

[http://www.popcouncil.org/horizons/ressum/youthinvsum\\_zambia.html](http://www.popcouncil.org/horizons/ressum/youthinvsum_zambia.html)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_18_8.html)

Phase II

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Zambia\\_YouthCareandSupportII.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_YouthCareandSupportII.pdf)

- Putting food on the table: An exploration of livelihood strategies and their role in maintaining nutritional status among ART patients  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/KenyaZambia\\_FoodART.pdf](http://www.popcouncil.org/pdfs/horizons/KenyaZambia_FoodART.pdf)
- Reducing drop-outs and increasing adherence rates among PLHA on HAART in northern Thailand  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/thaisituationanalysis.pdf>
- Reducing HIV/AIDS-related stigma and discrimination in the healthcare setting in Vietnam  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Vietnam\\_HospitalStigmaReduction.pdf](http://www.popcouncil.org/pdfs/horizons/Vietnam_HospitalStigmaReduction.pdf)  
*Manual for Health Care Workers:*  
[http://www.popcouncil.org/pdfs/horizons/Vietnam\\_HospitalStigmaReduction\\_Manual.pdf](http://www.popcouncil.org/pdfs/horizons/Vietnam_HospitalStigmaReduction_Manual.pdf)
- Retrospective assessment of COPE I program in Nanwera, Mangochi District  
*Final Report:*  
Esu-Williams, Eka, Joan Duncan, Stan Phiri, David Chilongozi. 2000. "A retrospective assessment of the COPE I Program in Namwera, Malawi," *Horizons Final Report*. Washington, DC: Population Council. Review of the literature on HIV/AIDS and provision of home-based care  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/HPP\\_21\\_5.html](http://www.popcouncil.org/projects/abstracts/HPP_21_5.html)  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/xpndngcrcntm.pdf>
- Scaling up affordable and appropriate care and support services for PLHA in South India  
*Final Reports:*  
<http://www.popcouncil.org/pdfs/horizons/yrgcrc hortfnl.pdf>  
<http://www.popcouncil.org/pdfs/horizons/yrgcrsclnqup.pdf>  
<http://www.popcouncil.org/pdfs/horizons/yrgcrbsmdl.pdf>  
*Research Update:*  
<http://www.popcouncil.org/pdfs/horizons/yrgcrbsmdl.pdf>  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_2.html](http://www.popcouncil.org/projects/abstracts/AC_18_2.html)  
[http://www.popcouncil.org/projects/abstracts/APCS\\_22\\_12.html](http://www.popcouncil.org/projects/abstracts/APCS_22_12.html)  
Solomon S., A. Batavia, K. K. Venkatesh, L. Brown, P. Verma, A. J. Cecelia, C. Daly, **V. S. Mahendra**, N. Kumarasamy, and K. H. Mayer. "A longitudinal quality of life study of HIV-infected persons in South India: the case for comprehensive clinical care and support services," accepted for publication in 2008 in *AIDS Education and Prevention*.
- Systematic review of HIV intervention effectiveness in developing countries  
*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_50\\_4.html](http://www.popcouncil.org/projects/abstracts/SSM_50_4.html)  
[http://www.popcouncil.org/projects/abstracts/AB\\_12\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_12_3.html)  
[http://www.popcouncil.org/projects/abstracts/HER\\_21\\_4.html](http://www.popcouncil.org/projects/abstracts/HER_21_4.html)  
<http://www.aidsonline.com/pt/re/aids/pdfhandler.00002030-200705110-00033.pdf;jsessionid=L2WpnxVXQ4Q2hfhyYnZ4gWpjQJ7x1Zfwh1GKT1GL34TTXVKhzJh!-1715237437!181195628!8091!-1>

- Technical assistance to the Nelson Mandela Children's Fund (NMCF), Goelama Project  
*Research Updates:*  
<http://www.popcouncil.org/pdfs/horizons/nmcfhshldsum.pdf>  
<http://www.popcouncil.org/pdfs/horizons/nmcfythsum.pdf>
- Training Kenyan Scouts in HIV home caregiving  
 Training manual (for local use), PATH will further refine
- Treatment education: Current research and good practices (for WHO)  
*Report:*  
<http://unesdoc.unesco.org/images/0014/001497/149722E.pdf>
- Workshop on access to treatment, Washington DC, 2001  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/accesstotreatment.pdf>

## Vulnerable Populations

- Acceptability of female condom by sex workers  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/fcbrazil/fcbrazil.html>
- Assessment of the risk factors for HIV infection in sex workers and MSM populations at the triple-border area in Ciudad del Este  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/Paraguay\\_RiskFactors.pdf](http://www.popcouncil.org/pdfs/horizons/Paraguay_RiskFactors.pdf)
- Building community identity among debt-bonded sex workers in Cambodia: An HIV prevention strategy  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/AC\\_16\\_4.html](http://www.popcouncil.org/projects/abstracts/AC_16_4.html)

Busza, Joanna. 2005. "How does a risk group perceive risk: Voices of Vietnamese sex workers in Cambodia," *Journal of Psychology and Human Sexuality* 17(1/2): 65–82.

Busza, Joanna and Bettina Schunter. 2001. "From competition to community: participatory learning and action among young, debt-bonded Vietnamese sex workers in Cambodia," *Reproductive Health Matters* 9(17): 72–81.

Changing the environment of sex work: New strategies for HIV prevention

- Comparison of two STD treatment and prevention interventions in sex workers  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/madswwsum.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/TMIH\\_8\\_3.html](http://www.popcouncil.org/projects/abstracts/TMIH_8_3.html)

- Diagnostic study on the involvement of PLHA in the delivery of community-based prevention and care services (Burkina Faso, Ecuador, Zambia, India)

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/plha4cntryrprt.pdf>

*Research Summaries:*

<http://www.popcouncil.org/horizons/ressum/plha4cntry/plha4cntry.html>

<http://www.popcouncil.org/pdfs/horizons/ecuadoralliancesum.pdf>

<http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>

*Other:*

[http://www.usaid.gov/our\\_work/global\\_health/aids/News/successpdfs/fourcountry04.pdf](http://www.usaid.gov/our_work/global_health/aids/News/successpdfs/fourcountry04.pdf)

- Evaluation of 100% condom only policy in sex establishments

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/drcmntygvtpcly.pdf>

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/drcmntygvtpcly/dr\\_intro.html](http://www.popcouncil.org/horizons/ressum/drcmntygvtpcly/dr_intro.html)

*Research Update:*

<http://www.popcouncil.org/horizons/ressum/dr.html>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/AJPH\\_96\\_1.html](http://www.popcouncil.org/projects/abstracts/AJPH_96_1.html)

[http://www.popcouncil.org/projects/abstracts/JHC\\_11\\_s2.html](http://www.popcouncil.org/projects/abstracts/JHC_11_s2.html)

[http://www.popcouncil.org/projects/abstracts/AIDS\\_17\\_3.html](http://www.popcouncil.org/projects/abstracts/AIDS_17_3.html)

[http://www.popcouncil.org/projects/abstracts/CHS\\_4\\_2.html](http://www.popcouncil.org/projects/abstracts/CHS_4_2.html)

- Factors affecting access to ART and HIV care services for OVC: A situation analysis in the Mariannhill area of KwaZulu Natal

*Final Report:* In progress

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_HIVCareOVC.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_HIVCareOVC.pdf)

- HIV prevention, testing and treatment for mobile populations: Focus on truck drivers in Brazil

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/BrazilTruckersReport.pdf>

*Research Update:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_65\\_12.html](http://www.popcouncil.org/projects/abstracts/SSM_65_12.html)

[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_7.html](http://www.popcouncil.org/projects/abstracts/AC_20_7.html)

- Impact assessment of Burkina Faso PLHA study

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/plhabf/plhabf.html>

- Improving the quality of STI/HIV/AIDS prevention and STI testing and treatment in commercial sex workers at the Brazil/Bolivia frontier in Corumbá
- Intervention needs for the prevention of trafficking and the care and support of trafficked persons in Nepal

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/trafficking1.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/traffickingsum1/traffickingsum1.html>

- Involving young people in the care and support of OVC in KwaZulu Natal

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_YouthCareGiversSum.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_YouthCareGiversSum.pdf)

- Men having sex with men in Senegalese society: Gathering information for expanding the prevention of STDs/HIV/AIDS (Phase II)

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Senegal\\_MSMHealthNeedsSum.pdf](http://www.popcouncil.org/pdfs/horizons/Senegal_MSMHealthNeedsSum.pdf)

- Operations research around the introduction of ARVs in the management of HIV infected individuals in Mombasa

*Research Summaries:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaHouseholdImpactSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaHouseholdImpactSum.pdf)

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaStigmaSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaStigmaSum.pdf)

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaSexualBehaviorSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaSexualBehaviorSum.pdf)

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_MombasaAdherenceSum.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_MombasaAdherenceSum.pdf)

*Research Updates:*

<http://www.popcouncil.org/pdfs/horizons/mombdaartlssnslrnd.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombsxlbhvr.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombdaart24wks.pdf>

<http://www.popcouncil.org/pdfs/horizons/mombasaform.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APCS\\_22\\_7.html](http://www.popcouncil.org/projects/abstracts/APCS_22_7.html)

[http://www.popcouncil.org/projects/abstracts/IJSA\\_19\\_2.html](http://www.popcouncil.org/projects/abstracts/IJSA_19_2.html)

[http://www.popcouncil.org/projects/abstracts/JAIDS\\_48\\_5.html](http://www.popcouncil.org/projects/abstracts/JAIDS_48_5.html)

*Book Chapter:*

<http://www.fhi.org/en/HIVAIDS/pub/Delivering+ART.htm>

*Training Manual:*

<http://www.popcouncil.org/horizons/arvadhnrctngmnl.html>

- Operations research in the Carletonville STD/HIV project: Evaluating a combination of strengthened STD service delivery and STD/HIV prevention and selective presumptive treatment incl. nested descriptive and exploratory studies

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/crltnvll.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/crltnvllsum.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SAJS\\_97\\_9-10.html](http://www.popcouncil.org/projects/abstracts/SAJS_97_9-10.html)

[http://www.popcouncil.org/projects/abstracts/AIDS\\_15\\_7\\_885.html](http://www.popcouncil.org/projects/abstracts/AIDS_15_7_885.html)

- Prevention with positive people: How do we support them in the community in Mombasa?

*Research Summary:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_PreventionWithPositives.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_PreventionWithPositives.pdf)

- Reducing HIV risk behavior among key populations by strengthening programs through community involvement

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/India\\_FPP.pdf](http://www.popcouncil.org/pdfs/horizons/India_FPP.pdf)

Samuels, Fiona, Ravi Verma, C. K. George. 2008 (forthcoming). "Reducing HIV risk behaviors among key populations through empowerment and building social capital: Findings from Andhra Pradesh, India," *Horizons Research Summary*. Washington, DC: Population Council.

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/incmntyinvolvru.pdf>

*Book Chapter:*

Samuels, Fiona, Ravi K. Verma, and C.K. George. 2006. "Stigma, discrimination and violence amongst female sex workers and men who have sex with men in Andhra Pradesh, India," in Anke van der Kwaak and Madeleen Wegelin-Schuringa (guest eds.), *Gender and Health: Policy and Practice—A Global Sourcebook*, part of Sarah Cummings, Henk van Dam, and Minke Valk (eds.), Gender, Society & Development book series. Netherlands: Royal Tropical Institute, pp. 95–109.

- Reducing HIV/STI risk and improving treatment for male sex workers in Mombasa, Kenya

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/STD\\_35\\_8.html](http://www.popcouncil.org/projects/abstracts/STD_35_8.html)

[http://www.popcouncil.org/projects/abstracts/AIDS\\_21\\_10.html](http://www.popcouncil.org/projects/abstracts/AIDS_21_10.html)

- Research to understand sexual and reproductive health needs of men in Nairobi

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/msmkenya.pdf>

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/msmkenyasum.pdf>

- Responding to the HIV/STI risks and health needs of men in Dakar, Senegal

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/msmsenegal.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/msmsenegal/msmsenegal.html>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/CHS\\_5\\_6.html](http://www.popcouncil.org/projects/abstracts/CHS_5_6.html)

- Risk factors for HIV infection in the MSM population in the metropolitan area of Campinas City using respondent-driven sampling

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Brazil\\_MSMRiskFactors.pdf](http://www.popcouncil.org/pdfs/horizons/Brazil_MSMRiskFactors.pdf)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/STI\\_84\\_6.html](http://www.popcouncil.org/projects/abstracts/STI_84_6.html)

- Sex workers and community development: Phase I – Sonagachi
- Sex work and community development: Phase II – Rio de Janeiro

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/HER\\_23\\_1.html](http://www.popcouncil.org/projects/abstracts/HER_23_1.html)

- Systematic review of HIV intervention effectiveness in developing countries

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/SSM\\_50\\_4.html](http://www.popcouncil.org/projects/abstracts/SSM_50_4.html)

[http://www.popcouncil.org/projects/abstracts/AB\\_12\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_12_3.html)

[http://www.popcouncil.org/projects/abstracts/HER\\_21\\_4.html](http://www.popcouncil.org/projects/abstracts/HER_21_4.html)

<http://www.aidsonline.com/pt/re/aids/pdfhandler.00002030-200705110-00033.pdf;jsessionid=L2WpnxVXQ4Q2hfymYNz4gWpjQJ7x1Zfwh1GKT1GL34TTXVKhzJh!-1715237437!181195628!8091!-1>

## Workplace Programs

- Addressing stigma and strengthening prevention, care, and support services for workers

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/eskombslnsum.pdf>

- Caring for health workers: Addressing psychosocial burden of HIV/AIDS on health personnel in Zambia

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Zambia\\_HealthWorkers.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_HealthWorkers.pdf)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AB\\_11\\_1.html](http://www.popcouncil.org/projects/abstracts/AB_11_1.html)

- Evaluation and accreditation of workplace AIDS programs

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/tbcfnl.pdf>

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/wrkplc/tbca/tbca\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/tbca/tbca_intro.html)

*Research Update:*

[http://www.popcouncil.org/horizons/ressum/lknnginsurance\\_thailand.html](http://www.popcouncil.org/horizons/ressum/lknnginsurance_thailand.html)

- Expanding workplace HIV/STI prevention activities for migrant construction workers

*Final Report:*

[http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr_intro.html)

*Research Summary:*

[http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr\\_intro.html](http://www.popcouncil.org/horizons/ressum/wrkplc/vtnmcnstrwrkr/vtnmcnstrwrkr_intro.html)

- HIV testing competence and practices among health workers in Kenya: A diagnostic study

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/KenyaHealthWorkerSurvey.pdf>

Knowing myself first: Assessing the feasibility of HIV self-testing among health workers in Kenya

Project is continuing with CDC/Kenya support

- School as a workplace: Addressing the psychosocial burden of HIV/AIDS among teachers in Kenya

*Final Report:*

[http://www.popcouncil.org/pdfs/horizons/Kenya\\_TeachersMatter.pdf](http://www.popcouncil.org/pdfs/horizons/Kenya_TeachersMatter.pdf)

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/ketchrsbslnru.pdf>

## Youth

- Assessing the psychosocial benefits of a community-based home visitation program for orphans and vulnerable children in Rwanda

*Research Summaries:*

<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCImpactSum.pdf>

<http://www.popcouncil.org/pdfs/horizons/RwandaPsychOVCMentorSum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/rwpsychsocru.pdf>

*Journal Articles:*

[http://www.popcouncil.org/projects/abstracts/APAM\\_162\\_9.html](http://www.popcouncil.org/projects/abstracts/APAM_162_9.html)

[http://www.popcouncil.org/projects/abstracts/SSM\\_66\\_7.html](http://www.popcouncil.org/projects/abstracts/SSM_66_7.html)

[http://www.popcouncil.org/projects/abstracts/IMHJ\\_27\\_6.html](http://www.popcouncil.org/projects/abstracts/IMHJ_27_6.html)

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_3.html](http://www.popcouncil.org/projects/abstracts/AC_18_3.html)

- Beacon of light: The Girl Guides program to mitigate HIV impact in Kenya by involving young Girl Guides and their parents

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/KenyaGirlGuidesEval.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/kenyagirlguides.pdf>

- Building evaluation capacity among the staff of The Straight Talk program

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/UgandaStraightTalk.pdf>

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Uganda\\_StraightTalkSum.pdf](http://www.popcouncil.org/pdfs/horizons/Uganda_StraightTalkSum.pdf)

- Care and support symposium  
*Report:*  
<http://www.popcouncil.org/pdfs/horizons/sacssymp.pdf>
- Comprehensive behavior change communication to promote the "ABCs": Abstinence, being faithful, and using condoms  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/kenyaabc.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/kenyaabcsum.pdf>
- Cooperative project with WHO to produce a review of VCT programs for youth  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/vctythrww.pdf>
- Decisions to seek HIV VCT among Zambian adolescents: Influences of individual, familial, and environmental factors  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/zambvctyth.pdf>  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AC\\_20\\_1.html](http://www.popcouncil.org/projects/abstracts/AC_20_1.html)
- Exploring current practices in pediatric ARV roll-out and integration with early childhood programs in South Africa  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/sapedssa.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/sapedssasum.pdf>  
  
*Research Update:*  
<http://www.popcouncil.org/pdfs/horizons/sapedmtg05.pdf>
- Exploring psychosocial and behavioral impacts of the Masiye Camp for OVC  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/zimorphans.pdf>
- Integrating AB into the Life Skills program in Mpumalanga Province  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_ABLifeskills.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_ABLifeskills.pdf)
- Intervention needs for the prevention of trafficking and the care and support of trafficked persons in Nepal  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/trafficking1.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/traffickingsum1/traffickingsum1.html>

- Involving young people in the care and support of OVC in KwaZulu Natal  
*Research Summary:*  
[http://www.popcouncil.org/pdfs/horizons/SouthAfrica\\_YouthCareGiversSum.pdf](http://www.popcouncil.org/pdfs/horizons/SouthAfrica_YouthCareGiversSum.pdf)
- A modified approach to support AIDS-affected children  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphnsfnl.pdf>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/orphansbsln.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/orphans/orphanssum.html>  
  
*Congressional Testimony:*  
<http://www.popcouncil.org/horizons/orphancongresstest.html>
- Programming for HIV prevention in Mexican schools  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/schools/mex/mex.html>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>
- Programming for HIV prevention in South African Schools  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/saschlfnl.pdf>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/schools/sa/sa.html>  
  
*Journal Article:*  
[http://www.popcouncil.org/projects/abstracts/AEP\\_18\\_4.html](http://www.popcouncil.org/projects/abstracts/AEP_18_4.html)
- Programming for HIV prevention in Thai schools  
*Research Summary:*  
<http://www.popcouncil.org/pdfs/horizons/thaischlssum.pdf>  
  
*Baseline Report:*  
<http://www.popcouncil.org/pdfs/horizons/schoolsbsln.pdf>
- Promoting gender equity to reduce HIV/AIDS vulnerabilities among young women and men in India  
*Final Report:*  
[http://www.popcouncil.org/pdfs/horizons/India\\_GenderNorms.pdf](http://www.popcouncil.org/pdfs/horizons/India_GenderNorms.pdf)

*Training Manuals:*

[http://www.popcouncil.org/pdfs/horizons/India\\_SakhiSaheli\\_Eng.pdf](http://www.popcouncil.org/pdfs/horizons/India_SakhiSaheli_Eng.pdf)

<http://www.popcouncil.org/pdfs/horizons/yaaridostieng.pdf>

- Promoting healthy relationships and HIV/STI prevention for young men in Brazil

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/brgendernorms.pdf> (English)

<http://www.popcouncil.org/pdfs/horizons/brgndrnrmssum.pdf> (Portuguese)

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/brgndrnrmssum.pdf>

*Research Update:*

<http://www.popcouncil.org/pdfs/horizons/brgendernorms.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/MM\\_10\\_3.html](http://www.popcouncil.org/projects/abstracts/MM_10_3.html)

- Promoting the sustainability of PLHA care and support activities by young people in Zambia  
Phase I

*Final Report:*

<http://www.popcouncil.org/pdfs/horizons/zmbcsythfnl.pdf>

*Research Summary:*

<http://www.popcouncil.org/horizons/ressum/zmbcsyth/zmbcsythsum.html>

*Research Update:*

[http://www.popcouncil.org/horizons/ressum/youthinvsum\\_zambia.html](http://www.popcouncil.org/horizons/ressum/youthinvsum_zambia.html)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_18\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_18_8.html)

Phase II

*Research Summary:*

[http://www.popcouncil.org/pdfs/horizons/Zambia\\_YouthCareandSupportII.pdf](http://www.popcouncil.org/pdfs/horizons/Zambia_YouthCareandSupportII.pdf)

- Reducing HIV risk through violence prevention with young men in Tanzania

*Final Report:* Forthcoming

[http://www.popcouncil.org/pdfs/horizons/Tanzania\\_ViolencePrev.pdf](http://www.popcouncil.org/pdfs/horizons/Tanzania_ViolencePrev.pdf)

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/AC\\_19\\_8.html](http://www.popcouncil.org/projects/abstracts/AC_19_8.html)

- Reducing young men's HIV risk via promotion of gender-equitable norms and behavior

*Research Summary:*

<http://www.popcouncil.org/pdfs/horizons/ingndrnrmssum.pdf>

*Journal Article :*

<http://medind.nic.in/jah/t04/s1/jaht04s1p71g.pdf>

*Journal Article:*

[http://www.popcouncil.org/projects/abstracts/RHM\\_14\\_28.html](http://www.popcouncil.org/projects/abstracts/RHM_14_28.html)

[http://www.popcouncil.org/projects/abstracts/IJSW\\_65\\_4.html](http://www.popcouncil.org/projects/abstracts/IJSW_65_4.html)

- Retrospective assessment of COPE I program in Nanwera, Mangochi District  
*Final Report:*  
Esu-Williams, Eka, Joan Duncan, Stan Phiri, David Chilongozi. 2000. "A retrospective assessment of the COPE I Program in Namwera, Malawi," *Horizons Final Report*. Washington, DC: Population Council.
- Stigma reduction and community mobilization for HIV prevention via multi-media programs  
*Final Reports:*  
[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction.pdf) (English)  
[http://www.popcouncil.org/pdfs/horizons/Nicaragua\\_StigmaReduction\\_ES.pdf](http://www.popcouncil.org/pdfs/horizons/Nicaragua_StigmaReduction_ES.pdf) (Spanish)
- Technical assistance to the Nelson Mandela Children's Fund (NMCF), Goelama Project  
*Research Updates:*  
<http://www.popcouncil.org/pdfs/horizons/nmcfhshldsum.pdf>  
<http://www.popcouncil.org/pdfs/horizons/nmcfythsum.pdf>
- Training Kenyan Scouts in HIV home caregiving  
Training manual (for local use), PATH will further refine
- Transition to adulthood in the context of AIDS in South Africa  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/lfsklsfnl.pdf>  
  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/salfskills/salfskillssum.html>  
  
*Wave 1 report:*  
<http://www.popcouncil.org/pdfs/horizons/tasa.pdf>  
  
*Research Update:*  
<http://www.popcouncil.org/pdfs/horizons/ythkznsum.pdf>  
  
*Journal Articles:*  
[http://www.popcouncil.org/projects/abstracts/JAH\\_36\\_4.html](http://www.popcouncil.org/projects/abstracts/JAH_36_4.html)  
[http://www.popcouncil.org/projects/abstracts/AB\\_8\\_3.html](http://www.popcouncil.org/projects/abstracts/AB_8_3.html)  
[http://www.popcouncil.org/projects/abstracts/RHM\\_11\\_22\\_122.html](http://www.popcouncil.org/projects/abstracts/RHM_11_22_122.html)  
[http://www.popcouncil.org/projects/abstracts/AB\\_10\\_6.html](http://www.popcouncil.org/projects/abstracts/AB_10_6.html)
- VCT among youth (Kenya and Uganda)  
Phase II  
*Research Summary:*  
<http://www.popcouncil.org/horizons/ressum/vctyth/vctythsum.html>  
  
Phase I  
*Final Report:*  
<http://www.popcouncil.org/pdfs/horizons/vctyouthbaseline.pdf>

## C. Other Collaborating Entities

Following is a list of organizations who contributed in various ways, including: providing information or input into study design, funding or in-kind support for staff and/or supplies, and subagreement recipients who managed projects.

### Global

Ford Foundation \$  
Health Communication Partnership  
InterAction  
London School of Health & Tropical  
Medicine  
Overseas Development Institute ±  
Rockefeller Fdn. \$  
USAID \$  
World Vision

### Multilateral

Joint UN Prog. on HIV/AIDS \$  
UN Children's Emergency Fund \$  
UN Dev. Fund for Women  
UN Educational, Scientific, & Cultural  
Organization  
UN Population Fund  
World Health Organization \$

### Africa Region

Network of AIDS Researchers in East &  
South Africa ±  
Project Support Group  
Regional AIDS Training Network ±\$  
Southern Africa AIDS Info Dissemination  
Service

### Asia Region

East-West Center \$

### Botswana

Botswana Government & Centres for  
Disease Control & Prevention  
Botswana Nat'l PMTCT Prog., Family  
Health Division, Ministry of Health  
Premiere Personnel ±

### Brazil

Agência Rodolfo Teófilo  
Ceará Unido Contra as DST  
Centers for Disease Control and Prevention  
Centro de Comunicação para o  
Desenvolvimento  
DKT  
Durex  
EADI Customs Administration  
Estudos e Comunicação em Sexualidade e  
Saúde Reprodutiva  
Federal Univ. of Ceará  
Goodyear  
Inst. for Social Dev. Studies  
Instituto NOOS  
Instituto PROMUNDO ±\$  
John Snow Brasil  
MacArthur Fdn.  
Ministry of Health: National Program of  
STD and AIDS \$  
Municipal Program of STD & AIDS of  
Corumbá

Municipal Secretariats of Health  
Oswaldo Cruz Fdn. – FIOCRUZ  
Pathfinder do Brasil  
Programa de Apoio ao Pai  
Programa Integrado de Marginalidade ±  
Reprolatina  
Salud y Género  
Sociedade de Estudos E Pesquisas em  
Drogadiccao ±  
SSL International  
State of Ceará Secretariat of Health  
State STD and AIDS Program, MatoGrosso  
South  
Summit Foundation  
Univ. of Campinas:  
Centro de Pesquisas em Saúde Reprodutiva  
de Campinas ±  
Dept. of Clinical Medicine  
Dept. of Obstetrics & Gynecology

### Burkina Faso

Appui Moral Matériel et Intellectuel à  
l'Enfant  
Association African Solidarité  
Association Laafi la Viim  
Association Responsabilité Espoir, Vie,  
Solidarité +  
Global Network of People Living with  
HIV/AIDS  
La Bergerie-Foi, Univers, Compassion  
Laboratoire de Santé Communautaire  
Ministry of Health:  
Community Health Lab  
Directorate of Family Health  
Mwangaza Action  
Private Community Initiative  
Univ. of Ouagadougou:  
Cellule de Reproduction – Health Research  
Unit  
Unité d'Enseignement et de Recherche en  
Demographie

### Cambodia

Cambodian Researchers for Dev. ±  
Khemara  
Medecins Sans Frontières \$  
Ministry of Health  
National AIDS Program

### Dominican Republic

Centro de Orientacion y Investigacion  
Integral ±  
Centro de Promoción y Solidaridad Humana  
±  
Inst. Dermatológico y Cirugía de Piel ±  
STD Control Program

### Ecuador

Fundación Dios, Vida y Esperanza  
Fundación Esperanza

Fundación Siempre Vida  
Fundación Vivir  
Juan Cesar Garcia Inst.  
Kimirina

### Ghana

Ghana Nat'l Chemical Sellers Assn.  
Ghana Social Marketing Foundation  
Enterprises Limited  
Institute of Statistics, Social and Economic  
Research  
Ministry of Health ±:  
Family Health Division  
Ghana Health Service  
Health Research Unit ±  
National AIDS Control Program  
Public Health Division  
Pharmacy Council  
University of Ghana Medical School:  
OB/GYN Dept.  
West Africa Project to Combat AIDS and  
STIs

### India

Administrative College of India  
All India Inst of Medical Sciences  
Asha Karana  
Batra Hospital and Medical Research Centre  
Center for Int'l Community Health  
Committed Communities Dev Trust: Project  
CHILD  
Committee for Resource Organization for  
Literacy  
DAUD Center for Rural Dev.  
DAUD Memorial Trust Gorakhpur  
Employees State Insurance Corporation  
Freedom Foundation  
Institute of Economic Growth ±  
Inst. of Health Systems, Hyderabad  
Instituto PROMUNDO  
Int'l Institute for Population Sciences  
Lady Hardinge Medical College  
MacArthur Foundation  
Maharashtra Network for Positive People  
MAMTA Health Institute for Mother and  
Child  
Medical and Allied Incorporated  
National AIDS Control Organization:  
Financial Management System  
National Council of Applied Economic  
Research ±  
National Institute of Public Health  
Northern Railway Hospital, Delhi  
Ruby Hall Clinic & Grant Med Foundation,  
Pune  
Salvation Army Mumbai HIV/AIDS  
Community Development Program  
Sangath Society for Child Development  
Family Guidance

± Received funds from Horizons via subagreement

\$ Contributed to Horizons study(ies) in kind or with funds

**India, continued**

SHADOWS  
Shanthy Bhavan  
Social Awareness Service Org.  
Society for Development, Research and Training  
Soc. for Service to Urban Poverty ±  
Society of Friends of Sassoon Hospitals  
Socio-Legal Aid Research and Training Center ±  
SSL International  
St. Joseph of Cluny Hospital  
Tata Institute for Social Sciences  
University of Madras  
University of Pune  
Y.R. Gaitonde Centre for AIDS Research and Education ±

**Jamaica**

Ministry of Health

**Kenya**

AMKENI  
Arch Diocese of Nairobi Eastern Deanery  
AIDS Relief Program  
Bamburi Health Centre  
Bomu Mkomani Clinic  
Christian Hospitals Assn. of Kenya  
Ctr. for Disease Control & Prevention  
Coast Provincial General Hospital  
Crystal Hill Ltd. ±  
Elizabeth Glaser Pediatric AIDS Fdn.  
Engender Health  
Galebitra  
Government of Kenya  
Institute of African Studies ±  
Int'l Center for Reproductive Health ±  
International Medical Corporation ±  
Ishtra  
Kenya AIDS NGOs Consortium  
Kenya Assn. of Prof. Counselors  
Kenya Girl Guides Association  
Kenya Institute of Education  
Kenya Network of Women with AIDS ±  
Kenya Scouting Association  
Kenyatta National Hospital:  
Adolescent Counseling Clinic  
Kibera Community Self-Help Programme  
Likoni Health Centre  
Liverpool VCT and Care ±  
Magongo Health Centre  
Management Sciences for Health –  
Rational Pharmaceutical Management Plus  
Ministry of Education, Science and Technology  
Ministry of Health  
National AIDS and STD Control Programme  
National AIDS Control Council  
Plan International/Kenya  
Port Reitz District Hospital  
Riruta City Council Clinic  
Steadman Research Services Int'l ±  
St. Johns Community Center  
Teachers Service Commission  
University of Ghent  
University of Nairobi  
Wazu Dance Troupe

**Latvia**

Ministry of Health  
National AIDS Program  
Madagascar  
Abbott Laboratories  
Fikambanan'ny Vehivavy Mpiakatra An Tsambo Antsirana  
Ministry of Health

**Malawi**

Save the Children US/Malawi

**Mexico**

Mexican Institute of Research on Family and Population ±  
National Institute of Public Health

**Nepal**

Asia Foundation ±

**Nicaragua**

Puntos de Encuentro  
Nat'l Autonomous Univ. of Nicaragua - León: Centro de Investigación de Demografía y Salud

**Nigeria**

Association for Reproductive and Family Health ±\$  
HIV Center/Columbia University

**Paraguay**

Center for Attention, Prevention, and Surveillance of boys, girls, and adolescents  
Ministry of Public Health & Welfare:  
National STI/HIV/AIDS Program  
Prevention Alto Paraná  
Program to Combat AIDS in Ciudad del Este

**Rwanda**

Rwandan School of Public Health  
World Vision/Rwanda

**Senegal**

Africa Consultants International  
African AIDS Research Network ±  
Alliance Nationale Contre le SIDA  
Center for Ambulatory Care  
Centre Régional "Paul Corréa" de Formation sur le MST et la SIDA ±  
ENDA Santé  
Ministry of Health & Prevention:  
STI/HIV/AIDS Division  
Organisation Panafricaine de Lutte contre le SIDA au Senegal  
Programme Nationale de Lutte Contre le SIDA ±  
Senegal Nat'l AIDS Control Council  
Université Cheikh Anta Diop, Institut des Sciences de l'Environnement

**South Africa**

Age-in-Action  
AIDS Care Training and Support  
AIDS Work Group

Alice Hospice  
Baragwaneth Hospital  
Butterworth Local Council of Churches  
HIV/AIDS Ministry  
Carletonville AIDS Action Committee  
Cecilia Makiwane Hospital  
Church Mission Ministries  
Council for Scientific and Industrial Research ±\$  
Dept. of Education: Mpumalanga  
Department of Health:  
Provincial Health Departments of Eastern Cape, Gauteng, KwaZulu Natal, Limpopo, Mpumalanga, and North West  
Mpumalanga Provincial Support Association  
National Department of Health  
Department of Social Dev & Welfare  
Development Research Africa  
Dioceses of Rustenberg  
DRA-Development ±\$  
Dutch Reformed, Lutheran, and Roman Catholic Churches of Carletonville  
East London (CM)  
Eastern Cape Provincial Council of Churches ±  
Elizabeth Glaser Pediatric AIDS Fdn.  
ESKOM  
Gold Fields, Ltd.  
Greater Involvement for People with AIDS  
Health Systems Trust ±  
Hope World Wide Program  
Human Services Research Council  
Institut National de la Santé et de la Recherche  
Italian Cooperative  
Living in Hope \$  
London School of Economics  
Maternal, Child & Women's Health  
McCord Hospital  
Medecins Sans Frontieres - Lusikisiki, Khayelitsha  
Medical Care Development Int'l  
Medical Research Council of South Africa  
Ministry of Health \$  
Mothusimpilo Intervention Project  
Nat'l Union of Mineworkers  
Nelson Mandela Children's Fund  
Partners Network  
Perinatal Health Research Unit  
Policy & Praxis ±  
Progressus ±  
Project Support Group ±\$  
Reproductive Health Research Unit  
Right to Care  
Royal Bafokeng Health Centre  
Sakhisiwze  
Save the Children  
South African Institute for Medical Research ±  
South African Council of Churches  
St. Mary's Hospital  
University of Cape Town ±  
University of Free State  
University of Natal – Durban ±  
Tapologo HIV/AIDS Programme  
The Mothers' Program  
Tholulwazi  
Umuzi Wabantu Dev. Initiative

± Received funds from Horizons via subagreement

\$ Contributed to Horizons study(ies) in kind or with funds

**South Africa, continued**

Valley Trust ±\$

**Swaziland**

Basic Support for Institutionalizing Child Survival  
 Central Statistical Office ±  
 Elizabeth Glaser Pediatric AIDS Fdn. Linkages Project  
 Ministry of Health and Social Welfare  
 USAID/Regional HIV/AIDS Program

**Tanzania**

DATEX  
 Kimara Peer Educators and Health Promoters Trust Fund  
 Muhimbili Health Information Centre  
 Muhimbili University College of Health Sciences ±  
 The Tuelewane Project  
 Univ. of Dar es Salaam Drama Dept.

**Thailand**

American International Assurance  
 Chiang Mai University: Medical Faculty, Psych. Dept, Research Inst. for Health Sciences ±\$  
 Lampang Provincial Health Ofce. ±\$  
 Ministry of Education  
 Ministry of Public Health:  
 AIDS, TB and STD Bureau  
 AIDS Division  
 Center for Disease Prevention & Control, Region 10  
 Pact  
 Population and Community Development Association ±  
 Thai Business Coalition on AIDS ±\$  
 The Northern NGO Coalition on AIDS  
 The Upper Northern Thai PLHA Network

**Uganda**

AIDS Control Program ±\$  
 AIDS Information Center ±\$  
 Buganda Kingdom Youth Project Ctr.  
 Department for Int'l Development  
 Kitovu Hospital Mobile Home Care Programme  
 Luwero Catholic Diocese  
 Makerere University ±:  
 Department of Sociology  
 Institute of Social Research ±  
 Ministry of Health  
 Naguru Teenage Information and Health Center  
 National Agricultural Research Organization ±\$  
 National Community of Women Living with AIDS  
 Plan International  
 Straight Talk Foundation  
 The AIDS Support Organization

**USA**

Academy for Educational Dev.  
 Ctr. for Disease Control & Prevention  
 Family Health Int'l ±

Int'l Ctr. for Research on Women ±  
 Int'l HIV/AIDS Alliance ±\$  
 Johns Hopkins Univ. ±  
 Management Sciences for Health  
 PATH ±\$  
 Population Services Int'l/AIDSMark ±  
 Save the Children  
 The Futures Group ±  
 Tulane University ±  
 Univ. of Alabama Birmingham ±\$  
 Univ. of California, San Francisco:  
 Center for AIDS Prevention Studies  
 Univ. of North Carolina: MEASURE  
 Univ. of Texas, Galveston ±

**Vietnam**

Haiphong TB & Pulmonary Hospital  
 Ho Chi Minh City Labor Union  
 Ho Chi Minh City Nat'l University:  
 College of Social Sciences and Humanities ±  
 Ho Chi Minh City Standing AIDS Bureau ±\$  
 Inst. for Social Development Studies  
 Quang Ninh TB and Pulmonary Hospital

**Zambia**

Africa Directions  
 Bwafwano Central Board  
 (Mporokoso district)  
 CARE International ±  
 Catholic Archdiocese: Lusaka, Ndola, and Mansa  
 Catholic Secretariat: Sacred Heart Sisters  
 Central Board of Health / Zambia  
 Copperbelt Health Education Project  
 Development AID from People to People ±  
 District Education Office, Mporokoso  
 Family AIDS Caring Trust  
 Family Health Trust ±  
 FAPCAS  
 Hope Humana ±\$  
 Human Resource Trust  
 Institute for Economic and Social Research ±\$  
 Japan Int'l Cooperation Association  
 Kara Counseling  
 Kasama School of Nursing  
 Linkages Project  
 Luapula District AIDS Task Force  
 Luapula Foundation  
 Mantumbusa Community Club, Mansa  
 Ministry of Education  
 Ministry of Health  
 Mutiti Community Youth Club  
 Mwengu Social Health Research Ctr.  
 National AIDS Control Programme ±  
 Nat'l Food & Nutrition Commission  
 Nat'l AIDS, Leprosy & STD Surveillance Program \$  
 Ndola Central Hospital  
 Ndola District Health Management Team  
 Network of Zambian People Living with HIV/AIDS  
 Northern Province Health Education Project  
 Project Concern International  
 Salvation Army Chikankata Mission  
 Hospital

Society for Women Against AIDS, Mansa  
 St. Paul's Mission Hospital  
 Support to the HIV/AIDS Response in Zambia  
 Traditional Health Practitioners Assn. of Zambia  
 Tropical Diseases Research Center  
 University of Zambia  
 University Teaching Hospital:  
 Dept. of Obstetrics & Gynaecology  
 Dept. of Pediatrics & Child Health  
 Youth Forum Zambia  
 Zambia Health Education and Communication Trust  
 Zambia HIV MTCT Working Group  
 Zambia Integrated Health Programme  
 Zambia Medical Association

**Zimbabwe**

Catholic Relief Services/STRIVE  
 Concession District Hospital  
 Development Alternatives, Inc.  
 Hope for a Child in Christ  
 Management Systems International  
 Ministry of Health: Maternal and Child Health  
 Nat'l AIDS Coordination Programme  
 Regional Psychosocial Support Initiative for Children Affected by AIDS ±\$  
 Salvation Army  
 Step Forward, Abbott Laboratories Fund  
 Target Research Incorporated  
 University of Zimbabwe: Ctr. for Population Studies Trust ±  
 Dept. of Community Medicine  
 Department of Psychology  
 Zambuko Trust  
 Zimbabwe AIDS Prevention Project  
 Zimbabwe Association of Microfinance Institution

± Received funds from Horizons via subagreement

\$ Contributed to Horizons study(ies) in kind or with funds

## **D. End of Project Conference Agenda**

- 8:30 – 9:00           **Registration**
- 9:00 – 9:10           **Welcome**  
Ellen Weiss, Horizons/ICRW  
Benny Kottiri, Health Science Administrator, Office of HIV/AIDS, USAID  
Peter Donaldson, President, Population Council
- 9:10 – 9:30           **Providing the Evidence Base: A Decade of Accomplishments from the Horizons Program**  
Naomi Rutenberg, Director, Horizons/Population Council
- 9:30 – 10:30         **Treatment**  
  
*Supporting Adherence: The Role of Health Services, the Family, and Community*  
Avina Sarna, Horizons/Population Council  
  
*Increasing Access to Pediatric Treatment*  
Karusa Kiragu, Horizons/Population Council  
  
Moderator and Discussant: Robert Ferris, Senior Technical Advisor, Office of HIV/AIDS, USAID
- 10:30 – 10:45       **Break**
- 10:45 – 11:45       **Stigma and Gender Inequality: Key Drivers of the Epidemic**  
  
*Reducing Stigma in Health Care Settings and the Community*  
Laura Nyblade, ICRW  
  
*Addressing Gender Norms to Foster HIV Prevention: A Focus on Men*  
Julie Pulerwitz, Horizons/PATH  
  
Moderator and Discussant: Susan Settegren, Co-Chair, PEPFAR Gender Technical Working Group, Centers for Disease Control and Prevention (CDC) and RTI International
- 11:45 – 12:45       **Entry Points for Prevention, Care, and Treatment**  
  
*Broadening HIV Counseling and Testing Programs*  
Caroline Mackenzie, Horizons/Population Council

*Strengthening PMTCT Services to Meet Women's Needs*  
Carolyn Baek, Horizons/Population Council

Moderator and Discussant: Jimmy Kolker, Chief of HIV/AIDS Programme Division, UNICEF

12:45 – 1:45

**Lunch**

1:45 – 2:45

**Care for AIDS-affected Children**

*Interventions to Improve Psychosocial Outcomes*  
Lisanne Brown, formerly Horizons/Tulane University

*Ethical Aspects of Research and Programs for AIDS-affected Children*  
Katie Schenk, Horizons/Population Council

Moderator and Discussant: Linda Sussman, Director, HIV/AIDS and Development, ICRW

2:45 – 3:00

**Break**

3:00 – 4:15

**Comprehensive Prevention for Key Populations**

*Addressing the Prevention and Treatment Needs of Men Who Have Sex with Men and Sex Workers*  
Scott Geibel, Horizons/Population Council

*Prevention for Positives*  
Avina Sarna, Horizons/Population Council

*Youth and the ABCs*  
Karusa Kiragu, Horizons/Population Council

Moderator and Discussant: Caroline Ryan, Director, Program Services, Office of the Global AIDS Coordinator

4:15 – 4:30

**Wrap-Up**

Barbara de Zaluondo, Chief, Programmatic Priorities Support Division, Evidence, Monitoring, and Policy Department, UNAIDS

## E. Peer-reviewed Journal Articles

Articles based on Horizons findings published in, accepted by, or submitted to peer-reviewed journals. Names in **bold** represent Horizons staff and those from Horizons partner organizations (Population Council, ICRW, International HIV/AIDS Alliance, PATH, Tulane University, FHI, and Johns Hopkins University).

### Published

- Adekun, Lawrence, Joanne E. Mantell, Eugene Weiss, Grace Ebum Delano, Temple Jagha, Jumoke Olatoregun, Dora Udo, Stella Akinso, and **Ellen Weiss**. 2002. "Promoting dual protection in family planning clinics in Ibadan, Nigeria," *International Family Planning Perspectives* 28(2): 87–95.
- Auvert, Bertran, Ron Ballard, Catherine Campbell, Michel Caraël, Matthieu Carton, Glenda Fehler, Eleanor Gouws, Catherine MacPhail, Dirk Taljaard, **Johannes van Dam**, and Brian Williams. 2001. "HIV infection among youth in a South African mining town is associated with herpes simplex virus-2 seropositivity and sexual behavior," *AIDS* 15(7): 885–898.
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- Bertrand, J., K. O'Reilly, J. Denison, R. Anhang, and **M. Sweat**. 2006. "Systematic review of the effectiveness of mass communication programs to change HIV/AIDS-related behaviors in developing countries," *Health Education Research* 21(4): 567–597.
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in South India: the case for comprehensive clinical care and support services,” accepted for publication in 2008 in *AIDS Education and Prevention*.

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## Submitted

- Baek, Carolyn, and Naomi Rutenberg.** “Implementing PMTCT programs in resource-constrained settings: The Horizons studies 1999-2007,” submitted to *Public Health Reports*.
- Geibel, Scott, Waimar Tun, Placide Tapsoba, and Scott Kellerman.** “HIV vulnerability of men who have sex with men in developing countries: the Horizons studies 2001 to 2008,” submitted to *Public Health Reports*.
- Middlestadt, Susan E., **Julie Pulerwitz**, Geeta Nanda, Karabi Acharya, and Bridget Lombardo. “Gender norms as factors underlying family planning and sexual health behaviors: implications for behavior change from a study of Ethiopian married men,” submitted to Johns Hopkins University/Center for Communication Programs.
- Munyao , Paul B., Stanley Luchters, **Avina Sarna**, Matthew F. Chersich, **Susan Kaai, Scott Geibel**, Kishorchandra N. Mandaliya, Khadija S. Shikely, Marleen Temmerman, and **Naomi Rutenberg**. “Feasibility and acceptability of clinic-based modified-Directly Observed Therapy (m-DOT) for ART; experiences in Mombasa, Kenya,” submitted to *AIDS Care*.
- Okal, Jerry, Stanley Luchters, **Scott Geibel**, Matthew F Chersich, Daniel Lango, Marleen Temmerman. “‘A shopkeeper does not care who comes into the shop’: social determinants, sexual risk perceptions and their health implications for male sex workers in Mombasa, Kenya,” submitted to *Culture, Health, and Sexuality*.
- Pulerwitz, Julie, Annie Michaelis, Ravi Verma, and Ellen Weiss.** “Looking back, moving forward: Gender and HIV prevention: A focus on men,” submitted to *Public Health Reports*.
- Pulerwitz, Julie, Annie Michaelis, Ellen Weiss, Lisanne Brown, and Vaishali Sharma Mahendra.** “Looking back, moving forward: Implications of Horizons research for reducing HIV-related stigma,” submitted to *Public Health Reports*.
- Sarna, Avina**, Matthew Chersich, Jerry Okal, Stanley Luchters, Kishorchandra N Mandaliya, **Naomi Rutenberg**, Marleen Temmerman. “Understanding the dynamics of sexual behaviours in men and women receiving antiretroviral treatment: a qualitative study from Mombasa, Kenya,” submitted to *Culture Health Sexuality*.
- Sarna, Avina and Scott Kellerman.** “Access to antiretroviral therapy for HIV infected adults and children in developing countries: Horizons studies 2002 to 2008,” submitted to *Public Health Reports*.
- Schenk, Katie, Annie Michaelis, Tobey Nelson, Lisanne Brown, and Ellen Weiss.** “Looking back, moving forward: Improving the lives of vulnerable children: Implications of Horizons research among orphans and other children affected by AIDS,” submitted to *Public Health Reports*.

## F. Project Staff

### Program Staff

Name	Start Date	End Date
Apicella, Louis	8/4/03	7/30/08
Asiedu, Kwame	12/15/97	3/19/01
Baek, Carolyn	9/10/03	4/11/08
Baker, Simon	10/01/00	6/16/04
Ben Salem, Beverly	10/1/97	7/30/08
Castle, Chris	2/1/98	1/15/04
Dadian, Margaret	4/12/99	6/25/04
Daly, Celine Costello	5/29/00	11/05/01
de Zoysa, Isabelle	10/1/97	4/14/00
Diaz, Juan	01/01/03	6/30/07
Elias, Chris	10/1/97	7/30/00
Esu-Williams, Eka	2/1/98	3/15/07
Fisher, Andy	8/1/97	6/10/05
Geibel, Scott	10/22/99	7/30/08
Gilborn, Laelia	8/1/97	4/16/04
Guest, Phillip	7/1/00	12/31/06
Hawkes, Sarah	11/1/99	10/01/01
Hutchinson, Sherry	6/19/00	7/30/08
Kalibala, Sam	1/7/98	7/15/03
Kellerman, Scott	6/25/07	7/30/08
Kerrigan, Deanna	1/18/00	8/31/01
Khan, Hena	11/15/05	7/30/08
Kiragu, Karusa	10/1/01	3/27/08
Levin, Ann	10/1/01	9/02/03
Mobley, Steven	10/1/97	6/30/01
McCauley, Ann	5/18/98	5/12/05
Ndhlovu, Lewis	1/1/99	12/31/07
Nelson, Tobey	8/22/05	12/28/07
Pulerwitz, Julie	9/1/99	7/31/07
Rutenberg, Naomi	5/1/98	7/30/08
Sarna, Avina	11/5/01	7/30/08
Schenk, Katie	6/6/02	7/30/08
Snyder, Cecilia	7/12/99	10/16/00
Tapsoba, Placide	1/1/99	12/31/06
Tun, Waimar	1/3/06	7/30/08
Valverde, Roberto	3/18/02	5/31/03
Van Dam, Johannes	11/10/97	6/30/07
Verma, Ravi	1/28/02	7/31/07
Warren, Charlotte	11/1/05	12/31/07
Weiss, Ellen	10/1/97	6/30/08

### Research Assistants

Name	Start Date	End Date
Fontecchio, Christine	8/4/07	11/30/07
Jones, LeeAnn	6/4/07	9/28/07

<b>Name</b>	<b>Start Date</b>	<b>End Date</b>
Michaelis, Annie	6/26/06	12/10/06
	4/2/07	02/28/07
Stewart, Holley	12/18/00	3/29/02

#### **Staff Assistants**

<b>Name</b>	<b>Start Date</b>	<b>End Date</b>
Anastasi, Marie-Christine	9/13/99	8/12/00
Bartolini, Linda	5/17/04	6/30/04
Cuesta, Shari	8/19/02	6/30/08
Ellis, Amy	2/26/01	7/18/02
Fenton, Valerie	9/19/05	7/30/08
Flint, Melanie	4/12/99	7/7/99
Frost, Amoy	2/2/07	7/01/08
Harris, Carla	3/16/98	2/24/99
Hoepf, Malea	9/3/02	8/13/04
Hull, Aline	3/9/98	7/7/00
Hutchinson, Sherry	6/19/00	1/1/05 (became program staff)
Kambou, Christophe	6/19/06	8/9/06
Kaufman, Rachel	9/21/00	7/26/02
Knox, Emily	3/6/00	5/31/01
Lee, Alison	9/15/03	2/13/07
Martinez, Ana	5/29/07	8/10/07
Mitchell, Allison	6/26/01	8/24/01
Nicholaides, Jessica	10/1/01	8/15/03
Phillips, Natalie	9/3/02	4/30/04
Redner, Jennifer	12/12/05	6/15/07
Roca, Eva	10/25/00	8/10/02

#### **Interns**

<b>Name</b>	<b>Start Date</b>	<b>End Date</b>
Altaf, Arshad	2/1/99	6/30/99
Bartolini, Linda	10/02/03	5/6/04 (became temporary staff assistant)
Brody, Jennifer	7/4/05	9/9/05
Clarke, Jessica	7/25/05	8/26/05
de Guzman, Anna	2/9/99	6/15/99
Fox, Monica	7/6/98	12/15/98
Geibel, Scott	10/22/99	2/1/00 (became permanent staff)
Gondwe, Rabecca	2/16/99	8/16/99
Greene, Jessica	7/7/03	2/18/04
Monahan, Eamon	9/21/04	5/13/05
Olweny, Judith	6/29/04	9/10/04
Rafiq, Mirriam	2/1/02	5/02
Reynolds, Lindsey	7/18/05	10/14/05
Shroff, Swati	5/16/05	8/4/05

<b>Name</b>	<b>Start Date</b>	<b>End Date</b>
Weiss, Jennifer	5/21/07	7/6/07

**Local Hire Staff**

<b>Name</b>	<b>Start Date</b>	<b>End Date</b>
Adohinzin, Cletus	4/1/07	7/31/07
Busza, Joanna	10/1/97	4/12/01
Cherop-Kaai, Susan	8/26/02	7/15/07
Gadzekpo, Angela	9/23/02	12/31/05
Juma, Milka	5/2/00	3/31/06
Laryea, Anita	11/1/02	2/11/04
Lutchka, Shanaaz	10/1/02	2/28/03
Mackenzie, Caroline	7/18/05	2/29/08
Mahendra, Vaishali	11/1/98	12/31/07
Maphanga, Tonicah	2/6/06	9/30/07
Maroga, Edwin Sello	11/12/06	9/30/07
Mavimbela, Nqobile	9/1/02	1/01/04
Mini, Thandi	7/1/05	9/30/07
Mjali, Vuyelwa	3/1/03	6/30/05
Mngadi, Mazwi	8/15/02	5/30/04
Moreau, Amadou	11/4/02	12/31/06
Motsepe, Joseph	2/1/01	5/30/04
Mwai, Charles	8/17/98	5/7/02
Niang, Mbacke	6/30/01	4/19/02
Odingo, George	6/11/07	9/30/07
Omenda, Norah	1/15/98	4/30/08
Rumakom, Patchara	4/1/99	12/31/03
Sartsara, Srisuman	4/1/00	10/31/03
Searle, Catherine Mary	11/19/01	1/31/06
Selewe, Isaac	11/19/01	7/31/02
Sohaba, Nathi	5/4/05	9/30/07
Thomas, V.L.	8/1/98	12/31/07
Tienchantuk, Panida	7/1/01	6/15/02