

## ANNUAL REPORT

1 July 2004 — 30 June 2005

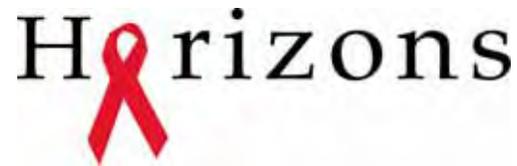
# Horizons

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

Population Council  
International Center for Research on Women  
International HIV/AIDS Alliance  
Program for Appropriate Technology in Health  
Tulane University  
Family Health International  
Johns Hopkins University



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**Annual Report**  
**July 1, 2004 – June 30, 2005**

Contents

|      |   |    |
|------|---|----|
| I.   | Introduction and Background   |    |
|      | A. Summary Program Description  | 1  |
|      | B. Summary of Activities: Project Director's Assessment   | 2  |
|      | C. Utilization of Horizons Results  | 9  |
|      | D. Problems and Constraints   | 10 |
|      | E. Information and Highlights from Partner Organizations  | 11 |
|      | F. Other Collaborating Entities   | 19 |
| II.  | Performance Review  |    |
|      | A. List of Technical & Analytical Documents and Presentations   | 21 |
|      | B. Articles Based on Horizons Findings Published by, Accepted by,<br>or Submitted to Peer-Reviewed Journals | 32 |
|      | C. Summary of Results Achieved  | 36 |
| III. | Financial Summary   |    |
|      | A. Financial Status Report  | 49 |
|      | B. Cost Share Update  | 50 |
| IV.  | Annexes   |    |
|      | A. Program Organizational Chart   | 51 |
|      | B. Project Locations – Past and Present   | 52 |

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# ***HORIZONS PROGRAM***

## **Annual Report**

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### **I. INTRODUCTION AND BACKGROUND**

#### **A. Summary Program Description**

The Cooperative Agreement entitled Global Leadership, Research and Development--Best Practices in HIV/AIDS was awarded to Population Council and its partners in July 1997. Known as Horizons, this program is a major contributor to the goals of USAID and the Office of the Global AIDS Coordinator, conducting operations research (OR), including targeted evaluations, to identify effective approaches for strengthening and scaling up HIV prevention, care, and treatment programs. The timeframe of this cooperative agreement, 1997 – 2007, spans a crucial decade in the universal fight against HIV/AIDS. The Horizons Program is implemented by Population Council, in close collaboration with the following institutional partners: International Center for Research on Women, PATH, The International HIV/AIDS Alliance, Tulane University, Family Health International, and Johns Hopkins University.

Over arching objectives of Horizons are as follows:

- Identify cutting edge issues to research
- Suggest refinements for existing programs and activities
- Propose innovative approaches that can be tested through field-based, program-oriented operations research
- Recommend demonstrated best practices for implementation and going to scale

Working hand in hand with a wide range of local research partners, governments, service providers and faith based organizations in Africa, Asia, and Latin America, our operations research approaches are focused on finding solutions to practical problems encountered in the field.

Despite increasing availability of treatment and progress toward developing vaccines, the HIV/AIDS epidemic continues to grow, reaching crisis proportions in many countries. Notwithstanding the many resources applied, the impact of these efforts to actually ameliorate the crisis remains largely unknown. Operations research is a powerful tool for identifying what works best in fighting HIV/AIDS. OR findings provide real and immediate guidance to policy-makers and program managers, leading to solutions to organizational, behavioral, and logistical problems that stand in the way of implementing and expanding effective programs. We seek to increase the efficiency, effectiveness, and quality of HIV/AIDS services, rendering them more acceptable, available, and accessible.

## B. Summary of Activities: Project Director's Assessment

Despite a year of significant transitions, including new USG funding mechanisms and timetables, and the appointment of a new Horizons Program Director, Horizons continues to produce impressive research in terms of the quantity and quality of output, the range of research topics and the impacts of the results. USAID and the US Government maintain a leading role in the global HIV response by supporting much needed operations research and targeted evaluation through the Horizons Program.

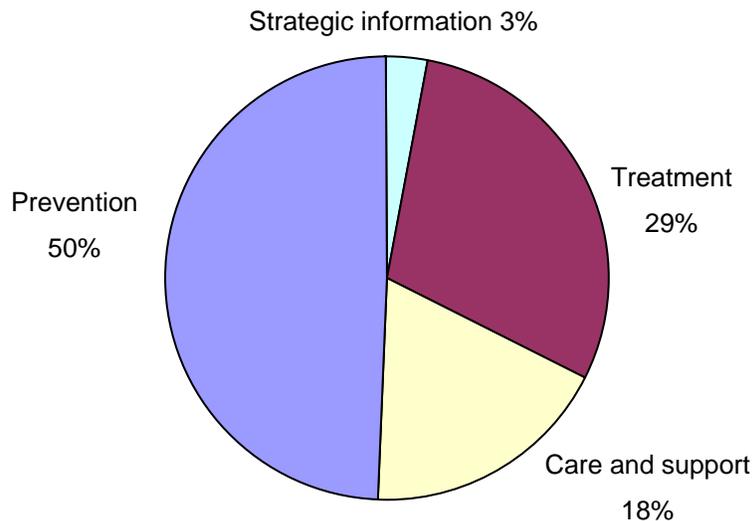
Horizons studies directly respond to the PEPFAR goals of treating 2 million people with antiretroviral therapy, preventing 7 million new infections, and providing care and support to 10 million people affected by HIV/AIDS.

Horizons focuses on three broad priority areas of operations research:

1. OR designed to improve the coverage, quality and effectiveness of HIV/AIDS treatment
2. OR on comprehensive approaches to HIV/AIDS prevention
3. OR designed to expand efforts to mitigate effects of the epidemic on people infected and affected by HIV/AIDS

We examine critical social, behavioral, and contextual issues that influence the programmatic response to the HIV/AIDS pandemic within these priority areas, focusing on critical HIV/AIDS areas that can be addressed within the time frame and resources (financial and personnel) of the program. The chart below shows the breakdown by focus area of 37 Horizons studies in the reporting period, based on the total cost of carrying out these activities.

**Chart of Horizons activities by cost for prevention, treatment, care and support , & strategic information**  
(not including six institutional partnerships)



We conceive of every study as contributing to overall Horizons goals of

- Addressing operational, program, and policy-relevant issues related to HIV/AIDS that affect a relatively large geographic area
- Building research capacity and interest in research findings, and
- Promoting utilization of operations research results to expand and improve program implementation

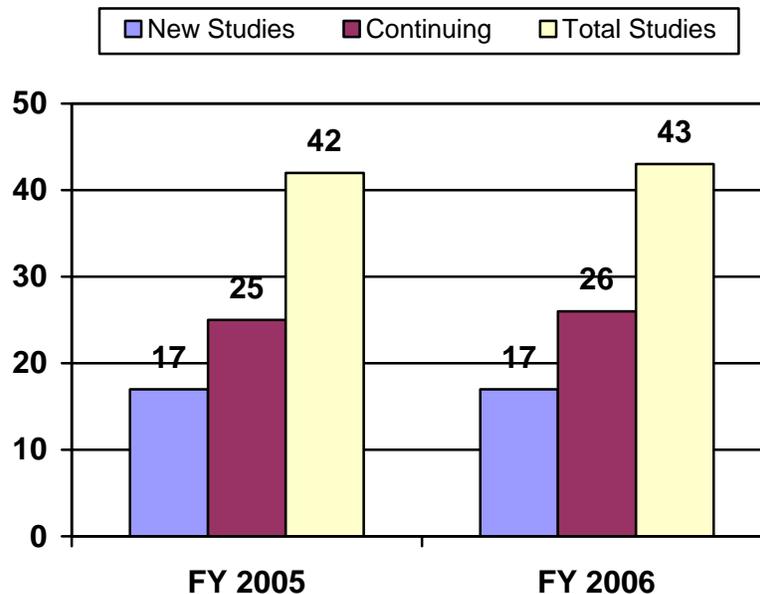
To accomplish these goals, Horizons staff located in Washington DC, Nairobi, Johannesburg, Accra, New Delhi, Bangkok, and Campinas (Brazil) work closely with a broad range of local and international research partners and service delivery organizations, including faith based groups, in Africa, Asia, and Latin America. The program has worked with over 230 groups in 24 countries. (see complete listing in 1.F) The majority of research activities are carried out in Africa, followed by Asia and Latin America. To date, Horizons has conducted 125 research related activities in 24 countries, including 22 global and 7 regional projects, as shown below.

**Summary of Studies/Activities by Country**  
(8/1997 to present)

| Country            | Number | Country  | Number     |
|--------------------|--------|--|------------|
| Brazil             | 9      | Rwanda   | 1          |
| Burkina Faso       | 2      | Senegal  | 6          |
| Cambodia           | 1      | South Africa   | 14         |
| Dominican Republic | 1      | Tanzania   | 2          |
| Ghana              | 1      | Thailand   | 7          |
| India              | 8      | Uganda   | 6          |
| Kenya              | 14     | Vietnam  | 2          |
| Madagascar         | 1      | Zambia   | 8          |
| Mexico             | 1      | Zimbabwe   | 7          |
| Nepal              | 2      | Africa Region  | 5          |
| Nicaragua          | 1      | Interregional (Burkina,<br>India, Zambia, Ecuador,<br>Latvia, Ghana, Brazil) | 2          |
| Nigeria            | 1      | Global   | 22         |
| Pakistan           | 1      | <b>TOTAL</b>   | <b>125</b> |

The figure below shows the number of study activities initiated in FY 2005 and the number anticipated for FY 2006.

### Horizons FY 2005 Studies and Projected FY 2006 Studies



In FY 2005, Horizons initiated 17 new study activities while continuing implementation of 25 ongoing studies. In FY 2006, we anticipate starting 17 additional studies and monitoring 26 continuing studies. Since program inception we have completed 100 studies.

In the period covered by this report, Horizons' efforts were directed at a number of areas critical to antiretroviral treatment, infection prevention, care and support. These areas include:

- Testing strategies to increase adherence to highly active antiretroviral treatment and address positive prevention for people living with HIV/AIDS (Kenya, Zambia, India, South Africa, and Thailand)
- Examining innovative approaches to comprehensive prevention including promoting abstinence, being faithful and condom use – ABC approach (India, Kenya and South Africa)
- Testing approaches to mitigate the impact of HIV/AIDS on special population groups such as elderly caregivers, teachers, health care workers, young boys and girls, and high-risk groups such as truckers and men who have sex with men (Senegal, South Africa, Kenya, Zambia, and Brazil)
- Building on successful studies from the first phase of Horizons in the areas of PMTCT, PLHA friendly environment, orphans, and youth involvement to refine

interventions to increase coverage and effectiveness (India, South Africa, Kenya, and Zambia)

- Focusing on the role of men and gender norms in the prevention of HIV transmission (India, Senegal, Tanzania, Brazil, and Kenya)

In all of these areas, we seek to conduct multiple studies in different geographic locations in order to examine regional differences and look for results with cross-cultural programmatic relevance.

An increasing proportion of our budget is being provided through country operational plan budgets, particularly from Kenya, South Africa and Vietnam. Horizons staff work closely with each Mission to ensure that the studies funded through this mechanism respond not only to the specific country plan and needs but also contribute to a larger global agenda of strengthening HIV programs.

A major focus of work has been on examining approaches to help people who receive ARVs to maintain a very high level of adherence. Baseline data from Thailand indicate as many as 35 percent of patients who started ARVs discontinued use during the first 6 months. The major reasons for discontinuing were adverse reactions to the drugs and loss to follow-up. A cross-sectional study of 310 adult HIV+ patients receiving ART in four sites, including one private sector site (Pune, India) found that overall adherence was high, but adherence was significantly lower in non-paying patients covered by insurance. Moreover, adherence among depressed patients need special focus. Paying patients may have the resources to seek care earlier and at higher levels of CD4 count, contributing to better adherence to ART. Horizons largest intervention study addressing adherence to ART is a randomized controlled two-arm study of twice-weekly clinical follow-up for the first 24 weeks and routine monthly follow-up for the next 24 weeks versus monthly follow-up for 48 weeks in Mombasa, Kenya. Preliminary results show that overall adherence results are encouraging and significant improvements in CD4 counts, weight, depression, and QOL measures in both groups. Yet a higher percentage of patients in the DAART arm achieved 95% adherence compared to patients in the non-DAART arm. Measurements of viral loads are being added to the study to compare clinical and virological outcomes and data collection will continue into 2006.

PMTCT activities continue to be an important area of work for Horizons, in particular building on earlier Horizons results to address specific areas of weakness within PMTCT programs. An ongoing study in Kenya examines various community-based PMTCT interventions in Kibera, one of the largest slums in the country. Four new studies which look at strengthening various aspects of PMTCT programming were initiated in the reporting period: an evaluation of the M2M2B peer support program (South Africa), exploring adherence to PMTCT drugs (Botswana), strengthening postnatal care for HIV positive mothers and their infants (Swaziland), and addressing stigma among PMTCT providers (Kenya).

Evaluating interventions that propose to build positive gender norms remains an important focal area for the Horizons Program. In the reporting period, Horizons completed an intervention study with more than 700 young men in Brazil, which aimed to encourage HIV risk reduction via the promotion of gender equity and the critical

reassessment of both men and women's gender roles. Key findings, which were presented in Horizons publications and on various occasions in Brazil, included a significant increase in more equitable attitudes as well as increased condom use, and a reduction in STI symptoms in the intervention groups. A similar study was started in India; findings were published in the Indian Journal of Social Work.

Stigma and discrimination are major obstacles to effective diagnosis, treatment, and prevention of HIV/AIDS. During this reporting period, Horizons and partners completed the analysis and draft report of an intervention study in India with nearly 1,000 hospital workers, which aimed to reduce stigma and discrimination in the healthcare setting. The intervention introduced the notion of a patient friendly hospital which respected patients' confidentiality, the availability of voluntary HIV counseling and testing and universal protections for workers. Key findings include a significant reduction in stigmatizing attitudes towards PLHA, as well as a reduction in discriminatory behaviors (e.g. inappropriate referrals, labeling of PLHA patients' beds), and an increase in the use of universal precautions. Another intervention study was completed in a workplace setting in South Africa. Although the intervention mobilized peer educators and supervisors to confront stigma in the workplace and community, more work is needed to address workers' lingering concerns about stigma and confidentiality. In addition, Horizons staff actively participate in the USAID-convened Implementation Working Group on S & D Indicators, which provides recommendations on how best to conceptualize and measure stigma and discrimination.

HIV prevention for vulnerable populations is addressed in Horizons studies in Brazil, India, Kenya and Senegal. MSM in Dakar, Senegal were found to be especially vulnerable to violence and HIV risk in Phase 1 of this Horizons study. The follow-on intervention study, to promote HIV risk reduction and train service providers to be sensitive to MSM needs, is now nearing completion. Hundreds of MSM have been tested for HIV, service providers have been trained, and many MSM treated for STIs. Other African Health Ministries and other service providers have expressed great interest in this study; similar studies are starting in other African contexts. An example of this is a Horizons study implemented in Nairobi, Kenya, to explore MSM HIV risk and risk behaviors. Five hundred men responded to the survey, and an important risk profile was found. MSM in Kenya appear to be more knowledgeable about HIV and to use condoms more often than MSM in Senegal.

The area of care and support, especially with regard to orphans and vulnerable children also received considerable attention by Horizons during the reporting period. A study in Zimbabwe on psychosocial support programs for OVC was completed and recommendations made to strengthen these programs to both promote psychosocial wellbeing and reduce emotional distress. A targeted evaluation study in Rwanda is looking at the impact of a community mentorship program for children who are heading their households. Horizons baseline research findings support the basic premise of the mentorship program. That is, these young people need someone to talk to, to protect and defend them. Most of all, their community needs to let them know that someone cares about them. In Zambia, drawing on the successful outcomes of an earlier study, Horizons is helping the Ndola Diocese to scale up a proven approach to providing care and support to PLWHA.

Altogether, during the past 12 months, Horizons staff worked on monitoring the implementation and analysis of 37 studies. The results from some of these studies have been presented at workshops, conferences and in publications, which are discussed starting on page 21.

A key objective of the Horizons Program is utilization of study findings, whether positive or negative. In March 2005, the Horizons Program took stock of how some of the study results have changed programs and policies. Examples of Horizons' impact abound (see highlights on the following pages).

### **Utilization of Horizons Results**

#### **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.

**Life Skills Program refined in South Africa.** Horizons worked with the Medical Research Council to assess a new HIV prevention program developed by the Departments of Education, Health, and Social Welfare, which was being introduced into secondary schools throughout the country. The evaluation highlighted the strengths and weaknesses of the Grade 9 curriculum as it was implemented in KwaZulu Natal and the findings have been used to refine the student curriculum and teacher training.

**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.

**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.

**ARV training manual in high demand.** "Adherence to Antiretroviral Therapy in Adults: A Guide for Trainers," produced for a Horizons study in Mombasa, Kenya, is being widely distributed in Africa and Asia in response to demand generated from positive reviews and postings in newsletters and listservs. The manual is being used by 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. To date, 2000 hard copies of the manual have been disseminated, and more requests are received every week.

**Brazilian MOH committed to future funding of STI/HIV program for truckers.** An ongoing Horizons study shows 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. Since its inception in October 2003, 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 has decided to commit funds to continue the program after the study and is considering expansion to other border areas.

**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 3000 health care practitioners in the country, plans to scale up the intervention in their hospitals.

**Integrated HIV-prevention model scaled up in the Dominican Republic.** Two HIV/STI prevention models were tested among female sex workers in the Dominican Republic: a community-based solidarity model was tested in Santo Domingo, and a solidarity plus government policy model in Puerto Plata. The latter proved to be most cost effective. STI prevalence decreased significantly, dropping almost 43 percent over the one-year period. With support from local government and international donors, that model is now being scaled up in several areas of the country where commercial sex is most prevalent.

**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.

**Training course adapted for national use in Thailand.** The Thai Ministry of Public Health received funds from the Global Fund to train peers to conduct outreach for persons undertaking ARV therapy. Contents of the training course and the training materials were adapted from those developed as part of Horizons' ongoing ARV adherence study in Thailand.

**Services developed for MSM 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 MSM in the sample, the Senegal national AIDS control committee established MSM-friendly health care centers in Dakar and in four other regions of the country. Study findings have prompted Kenya, Mali, and Burkina Faso to undertake similar work with funding from USAID, the World Bank, and Bristol Myers.

**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.

**HIV/AIDS Operations Research Handbook used in many institutions.** On the basis of the Council's long experience conducting operations research studies, the Horizons program produced "Designing HIV/AIDS Intervention Studies: An Operations Research Handbook". The Handbook is a resource on operations research for researchers, program managers, health policy makers, and students. To date, over 9,000 copies of the handbook have been distributed worldwide, and research institutions including graduate schools at the universities of Pretoria, Witwatersrand, Johns Hopkins, and Tulane extensively use the Handbook.

### **C. Dissemination of Research Findings**

Dissemination of research findings and recommendations continues to be a major area of focus. During the past twelve months, the Washington-based Horizons communications, dissemination, and utilization team (CDU) produced numerous reports, research summaries, newsletters, and other print materials, including posters used at regional and international conferences. In addition, they organized a number of meetings/seminars around specific themes for the benefit of policy-makers, donors, and others in the Washington area who are involved in HIV/AIDS activities. Horizons' dissemination activities reach thousands of individuals via the website, where research findings are available in detailed as well as summary format. A news capsule entitled "On the Horizons" is produced periodically and sent via email to an ever-expanding group list of service providers, policy-makers, and colleagues working in the HIV/AIDS area. These dissemination efforts are a crucial component of our program, reaching out to the widest possible audience, seeking to encourage the use of Horizons research results for maximum impact on prevention, treatment, and care activities.

Reports on research findings are published and widely disseminated in all regions of the world via end-of-project workshops and at numerous national and regional conferences. Near the beginning of this period, Horizons was notified that 8 oral and 36 poster presentations were accepted for the XV International Conference on AIDS in Bangkok (July 2004). (See Section 2A.)

In addition, information from Horizons studies is disseminated via the Population Council's website. Since we started tabulating statistics in January 2003, many thousands of hits have been registered.

Horizons produces a research summary for wide distribution on each research activity upon its completion. In addition, depending on the topic and the demand, a longer research report is also prepared. During this period, Horizons produced publications (either a summary, full report, or both) on such key research topics as pediatric HIV

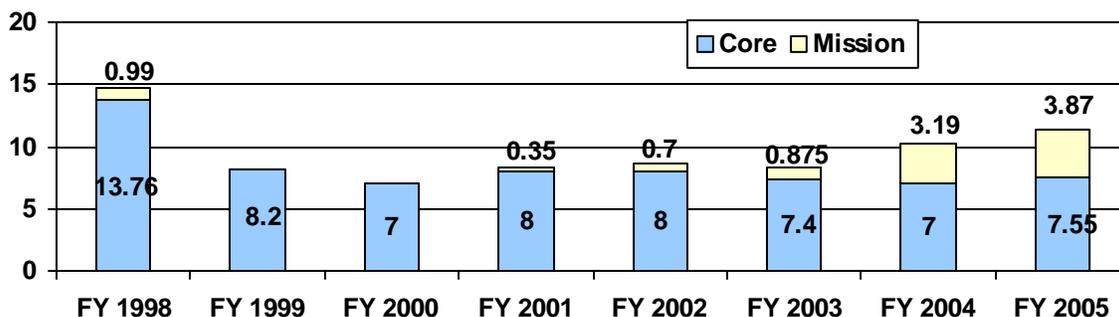
treatment, VCT and youth, prevention of mother-to-child transmission (PMTCT), gender norms, care and support, and orphans and vulnerable children. Horizons also produced two editions of the newsletter (Horizons Report); one on young men and HIV prevention and the other on psychosocial support for AIDS-affected children.

Horizons also presents major findings via symposia or technical seminars on specific topics. In early 2004, Horizons embarked on a bi-monthly seminar series with InterAction, a network of more than 160 relief and development organizations. Seminars are held approximately every two months and during this reporting period, four seminars were held on the following topics: Anti-retroviral Therapy (ART), VCT and youth, Human Resource Capacity to Delivery HIV/AIDS Services, and Psychosocial Support for AIDS-affected Children. In addition, two technical seminars were held for USAID staff, on ART and MSM.

#### D. Problems and Constraints

Concerns during the past year about planning and implementing a global research agenda in a changing funding environment were allayed by the end of the period covered by this report. Key to this was support from USAID/W, enabling us to maintain better-than-level core funding, while garnering funds from USAID Missions and others. In studies using Mission funds, however, research designs are necessarily limited to activities that can be conducted in the time frame of yearly PEPFAR Country Operational Plans. Given new funding cycles and the need for quick feedback to design and refine programs, quasi-experimental longitudinal studies are being replaced by diagnostic and evaluation studies. We recognize that these may have limited ability to generate more definitive data about program impact and make attribution of interventions and outcomes more difficult. As can be seen in the graph below, non-core funds play an increasingly important role in enabling Horizons to carry out its research mandate. As can be seen in the figure below, the amount of non-core funds received during FY 2005 continued to grow. This enables us to carry out our research agenda with a number of important new research activities.

**Funding Received from Core and Missions  
By Fiscal Year**



Leveraging USAID funds, we have obtained additional resources from cost share (\$8.48 Million to date), and have garnered other resources by working with multilaterals (e.g. UNICEF for PMTCT studies) and by partnering with organizations such as WHO for work on RTIs. We are now confident that by working closely with our partners and key USAID stakeholders, Horizons will be able to continue an active and innovative program of operations research that helps guide and direct policy formulation and program implementation.

## **E. Information and Highlights from Partner Organizations**

Institutional partners are an integral part of the Horizons Program, essential to the conduct and monitoring of our operations research activities. Each partner plays an important role in Horizons and brings unique skills that no one partner alone could offer. Together, the partners have developed professional working relationships that rely on open communication and close collaboration.

Major areas of work and collaboration of Horizons' partners during the past year are discussed below.

### **Family Health International (FHI)**

FHI and Population Council have a history of successful collaboration in the area of economic evaluation of family planning and HIV/AIDS programs and services in many areas of the world. As a Partner in the Horizons Program, FHI staff (incl. Drs. Barbara Janowitz, John Bratt, and Rick Homan) carry out evaluations tailored to specific interventions, including:

- Assessment of intervention costs
- Cost and revenue analyses for sustainability (including willingness-to-pay and household income and expenditure surveys)
- Estimation of the unit cost of services or persons reached
- Cost-effectiveness studies

During this reporting period, FHI was instrumental in conducting economic evaluations for two Horizons studies: 1) the introduction of ARVs in Mombasa, Kenya and 2) an assessment of the impact of formal caregiver programs in South Africa. The first study assesses the incremental cost of introducing ARVs in a provincial hospital in Mombasa, the cost-effectiveness of alternative approaches to improving adherence to drug regimens, and the economic impact of the introduction of ARVs on PLHA households. Data collection for the 12-month client follow-up for this study should be completed by August 2005. A dissemination workshop is scheduled for mid-September, 2005. The second study investigated how formal caregiver programs can complement services provided to PLHA by family and household members and how to relieve the burden on the household, in part through receiving services from formal caregivers. The preliminary results from the second study were shared with representatives of the home-based care programs and other stakeholders at a data interpretation workshop in March 2005. The final report for this study should be available in July 2005.

Two studies on the introduction of services to prevent maternal to child transmission of HIV/AIDS within antenatal care programs were completed in Kenya and Zambia. Analyses highlighted the high percentage of women who drop out before accepting ARVs. Cost effectiveness analysis was used to examine scenarios to help programs make decisions about how to use resources to improve the uptake of ARVs. A report on these projects was submitted for review in April 2005.

In addition to these studies that required more intense technical assistance from FHI, FHI has provided support to assess the cost of approaches to providing HIV/AIDS education to truck drivers in Brazil and health care workers in Zambia. FHI has also provided technical support to Tulane University on an OVC intervention project in Rwanda.

During this period, FHI has also launched a study examining the costs associated with various strategies to increase the use of PMTCT services in Kenya. Interventions include mobile teams, and the use of satisfied PMTCT users and traditional birth attendants to provide information and referrals to the mobile team or existing facility-based PMTCT programs.

### **International Center for Research on Women (ICRW)**

The Horizons Program benefits from two full-time staff persons seconded from ICRW. As Research Utilization Director for Horizons, Ellen Weiss supervises the communications and dissemination team. Specifically, she is responsible for technical review of all publications, including research reports, study summaries, synthesis papers, and newsletter articles, and the implementation of strategies to foster the utilization of Horizons' research findings.

Until her resignation in May 2005, Ann McCauley was responsible for developing and coordinating Horizons operations research studies on youth. ICRW hired Tobey Nelson who was seconded to Horizons in August 2005. She is currently working on a number of studies in South Africa and Uganda.

During the reporting period, ICRW staff carried out a number of key activities, such as developing study proposals on youth and HIV/AIDS (including evaluation studies of the Straight Talk Youth Program in Uganda and the Girl Guide's HIV Peer Education Program in Kenya), providing technical support to research teams for developing data collection instruments and evaluation plans, representing Horizons at meetings and on technical advisory groups (including Youth Net, Interagency Gender Working Group, NIH), and presenting data from Horizons studies (such as findings on VCT and youth) at seminars and conferences.

ICRW staff also wrote or reviewed several Horizons publications, including two issues of the newsletter, "Involving Men in HIV Prevention" and "Providing Psychosocial Support to AIDS-affected Children," a policy paper on VCT ("Equitable access to HIV counseling and testing for youth in developing countries: A review of current practice") and several research reports, summaries and updates on findings from studies on orphans and vulnerable children, PMTCT, and home-based care.

ICRW staff helped to organize a series of seminars with InterAction, entitled, "Findings from the Field." The seminars held during the report period focused on HIV treatment, VCT and youth, health worker capacity to deliver HIV/AIDS services, and psychosocial support programs for AIDS-affected children. In addition, ICRW staff took the lead in organizing a day-long seminar on December 2, 2004, to commemorate World AIDS Day, the theme of which was "Women and AIDS: It's Time to Act."

### **International HIV/AIDS Alliance**

The AIDS Alliance approach is based on evidence that HIV/AIDS services and activities are particularly effective when carried out by local organizations that are guided and supported by local people. These activities are linked to the Alliance's network of information, expert technical support and lessons learned on HIV/AIDS at the national, regional and global level. The Alliance is active in more than 40 countries.

During the period of July 2004 to June 2005, the Alliance contributed to Horizons through the involvement of the Secretariat, especially the Research and Evaluation unit, and other country-level staff. Fiona Samuels was responsible for the two major studies listed below, as well as backup on a number of other studies, based in the Alliance secretariat in Brighton.

In particular, the following has been achieved:

- Data collection was completed for the study in India entitled 'Reducing HIV risk behaviors among key populations by strengthening programs through community involvement', which is part of a broader Gates-funded initiative in India (the Frontiers Prevention Project) in which the relationship between the proposed interventions focusing on empowerment, community mobilization and social capital building is further explored. Data from in-depth interviews and focus group discussion was transcribed, translated, and entered into a software package (Atlasti). Analysis will be completed by September 2005; an initial feedback meeting was held with intervention partners in June and a larger stakeholder meeting is being prepared for September 2005. A paper on the study has been accepted as a book chapter for a forthcoming publication of KIT (Dutch development organization).
- This period also saw the development and piloting of data collection instruments as well as the completion of data collection activities for the study entitled "Community education and referral: supporting ARV adherence and HIV prevention in Zambia" which is being carried out in Lusaka and Ndola. Data from the quantitative instruments has also been analyzed using SPSS, initial findings were shared with intervention partners (April 2005) and draft reports written. Information from the qualitative tools has been translated and transcribed and is being prepared for entry into a qualitative data analysis software package (Atlasti). An analysis workshop with intervention and research partners is taking place in early August 2005. With funding from the USAID Mission, a third rural site was added to the project – a fishing community in southern Zambia. A qualitative baseline assessment of this site was carried out in April.

- Fiona Samuels provided on-going support to the follow-on intervention study on MSM in Dakar, Senegal. In October 2004, Fiona met with the research team in Dakar and discussed future collaboration and input, including involvement in analysis and dissemination of the findings.
- Fiona Samuels traveled to Washington, DC in December 2004 to meet with Horizons staff and make presentations on current Alliance-Horizons studies.
- Alliance staff has also collaborated with Horizons staff to develop the “Ethical Guidelines for gathering information from children and adolescents in international settings’. A joint presentation was made at the meeting on Human Rights in Atlanta in April 2005.

The Alliance continues to review and comment on concepts and proposals for new Horizons studies.

### **Program for Appropriate Technology in Health (PATH)**

PATH’s three strategic focus areas for HIV and AIDS are promoting healthy behaviors, strengthening strategic alliances and advocacy, and developing and increasing access to key technologies.

PATH advocates client-centered programs, appropriate to the age, culture, and gender-related realities of beneficiaries. PATH provides leadership and technical support for Horizons behavior change communication (BCC) projects through collaboration in strategic planning and program development, and review of HIV and AIDS- related behavior change communication interventions, tools, curricula, and related materials. PATH also provides leadership in HIV and AIDS prevention programs that focus on adolescents, working with men in reproductive and sexual health, and integration of family planning within HIV and AIDS programs.

PATH has seconded two full-time staff members to Horizons: Julie Pulerwitz (Washington, DC office) and Karusa Kiragu, based in Nairobi. Over the period covered by this report, PATH provided technical support to Horizons in the design and development of behavioral and social science research directed at the prevention and mitigation of HIV and AIDS.

PATH staff has also increasingly taken on administrative and managerial responsibilities within Horizons. Dr. Pulerwitz is now Horizons’ Research Director, responsible for the overall research portfolio. She continues to act as principal or co-investigator on HIV/STI prevention studies in Brazil, Nicaragua, India, Kenya, South Africa and Vietnam. Dr. Kiragu is currently the Horizons team leader in Kenya. Thus, staff has been more involved in contacts with USAID centrally and in the field, including negotiations as new funding mechanisms have emerged (e.g. PEPFAR).

PATH is currently involved in research on interventions to promote equitable gender dynamics among young men and women as an HIV prevention strategy in India, building on the successful study on the same theme with partner Instituto Promundo in Brazil. Dr. Pulerwitz is currently finalizing the report of the Brazil study. Another upcoming study in Vietnam evaluates an intervention to reduce HIV-related stigma and

discrimination in the healthcare setting in Vietnam. Dr. Pulerwitz and PATH Senior Advisor Dr. Mary Ellsberg have provided technical assistance to Leon University and Puntos de Encuentro Foundation in Nicaragua for the evaluation of an “edutainment” program to reduce stigma and reduce HIV risk among young men and women.

Dr. Kiragu completed fieldwork for the baseline study on HIV testing practices among health workers in Kenya. She also provided follow-up assistance to the Zambia health worker study, and has submitted a journal article on this subject. Kiragu is also embarking on a new study examining alcohol and substance abuse as factors in VCT utilization together with partner VCT Liverpool. She continues to provide technical assistance to a number of other studies, including the evaluation of the Straight Talk program in Uganda.

### **Johns Hopkins University**

Faculty from the JHU Bloomberg School of Public Health, Department of International Health provides technical input to Horizons. Key faculty includes Drs. Michael Sweat and Deanna Kerrigan of the Social and Behavioral Interventions Program. Expertise brought to Horizons includes HIV voluntary counseling and testing, cost-effectiveness analysis of HIV behavioral interventions, behavioral aspects of HIV prevention of mother to child transmission programs, HIV and violence, structural and environmental interventions, and the impact of HIV/AIDS treatment on risk behavior.

Collaborative projects include: (1) a systematic review of HIV behavioral preventions, also in collaboration with WHO, (2) a study to examine the HIV VCT among youth in Zambia, (3) a male-focused community-based violence reduction study in Tanzania, and (4) a study on integrating primary prevention and access to treatment, care and support for people living with HIV in Brazil. Specific JHU activities include the following:

- *Synthesis Project.* This project systematically reviewed strength of evidence of HIV behavioral interventions in developing countries around seven topics. After initial support from Horizons ended, funding was secured from the National Institutes of Health. Posters concerning results as of July 2004 were presented at the Bangkok conference on (1) HIV voluntary counseling and testing, (2) peer education, (3) partner notification, (4) condom social marketing and (5) abstinence-based interventions. Since that time, papers were prepared on (6) mass media, and (7) family planning counseling for HIV-infected women. In Phase II, eight more intervention topics were added and meta-analysis on all data was conducted. Coordination with Horizons continued on results from the study. Further information can be obtained from JHU.
- *Tanzania Young Men’s Violence Mitigation Study.* Following earlier research showing that young HIV-positive women under age 30 were 10 times more likely to report physical violence with a current partner than HIV-negative women in the same age group, a community-based intervention was conducted to learn more about partner violence. Focusing on young men, it sought to change attitudes and behaviors related to violence and HIV/AIDS. Per Horizons Report (Dec. 2004, “men and women described infidelity, real or suspected, as the most

frequent trigger for violence in their relationships.” Eight male leaders from Kimara Peer Educators, a local NGO, were trained to lead monthly peer support groups of 10 young men each. Sixteen male and female actors from the University of Dar es Salaam’s Dept. of Fine and Performing Arts created three skits and performed them in places where youth congregate. The intervention’s impact on knowledge, attitudes, and behaviors among 400 young men ages 16 to 24 in the community was measured a year after baseline data collection and compared to KAP of 400 youth in the control community. Data analysis will be complete by the end of 2005.

- *Zambia Youth & VCT Study.* This study identified the types of social support adolescents rely upon when seeking counseling and testing, disclosing their HIV status, and accessing care and support services. It also assessed the impact of HIV disclosure on families. Julie Denison, a doctoral student at JHU, completed fieldwork in spring of 2004, after which she completed data analysis in Baltimore. Among the findings reported in a recent Horizons Research Summary (June 2005): youth who are able to discuss the topic with their family are six times more likely to plan to get tested for HIV; few HIV-positive youth seek access to care services following testing; program managers should implement communication strategies to promote discussion within families and strive to strengthen referral systems to better link HIV-positive youth with care.

### **Tulane University**

The Tulane University Department of International Health and Development has technical depth and a strong record in the areas of applied research, monitoring and evaluation, and information systems in HIV/AIDS, reproductive and adolescent health. Tulane also has experience in research and health economics, professional and scientific credibility in evaluating both reproductive health and health financing programs, and methodological expertise in evaluating program impact. Tulane staff contributes to Horizons by reviewing proposals and participating in Partners’ meetings. They have developed and implemented operations research studies in areas such as stigma and discrimination and mitigation of the orphan crisis.

This year, Tulane staff devoted time to implementing the Rwanda OVC study. In collaboration with Rwanda School of Public Health (RSPH) and World Vision Rwanda (WVR), Tulane is conducting a three-year study to test a program of community-based adult mentorship through home visitation of child-headed households (CHH). Tulane completed the following activities during this reporting period:

- Conducted survey of mentors (adult volunteers) in collaboration with RSPH and WV, including design of questionnaire and training manual, training of interviewers, data collection, data analysis and report writing
- Conducted analysis of baseline surveys (CHH and mentor)
- Completed first two quarterly reports of mentor program with RSPH and WV
- Completed first draft of baseline report that includes CHH and mentor surveys, youth and adult FGD results and program progress to date
- Finalized baseline report

- Presented findings of study at World Vision in October 2004 and to the OVC taskforce

### **Population Council**

Led by Naomi Rutenberg, Program Director, and Beverly Ben Salem, Operations Director, Population Council is responsible for the overall administrative, financial and technical management of Horizons, as well as fostering the aforementioned partnerships.

During this reporting period Population Council staff members have taken the lead in several key technical areas:

- Population Council staff continued their work on several Horizons' studies on the prevention of mother-to-child transmission of HIV, including expanding previous work in Kenya and developing proposals for innovative new projects in Botswana and Swaziland. This PMTCT work includes a focus on family planning/HIV integration. Supplementary to the work with family planning/HIV integration and PMTCT, Population Council staff members are coordinating the upcoming FP/HIV Integration Working Group meetings sponsored by USAID.
- Population Council staff has continued to work on HIV prevention with vulnerable populations, including groundbreaking prevention work with MSM in Senegal and Kenya. The work being done in Nairobi, which is a replication of the project in Senegal, is among the first of its kind to be done in Kenya.
- In South Africa, Population Council staff is conducting a rapid situational analysis of pediatric ARV roll out strategies in order to identify successful programs as well as gaps that need addressing. During the reporting period, an initial consultation was held with expert practitioners and stakeholders to introduce the study, identify key issues, and strengthen study design.
- Dr. Avina Sarna, based in New Delhi, takes the lead on Horizons studies relating to HIV/AIDS medication and treatment, which includes evaluating a DAART approach in Mombasa, Kenya. This DAART approach is modeled on the successful TB DOT strategy. Through this study, Horizons published a training manual for people training health workers to help patients with ARV adherence.
- Population Council staff has continued their work with orphans and AIDS-affected children. Work focusing on care and support activities for youth continues in Zambia with a planned adaptation for the South African context getting underway. Under the leadership of Katie Schenk, Horizons' point person for AIDS-affected children, Horizons has developed guidelines for ethically approaching the use of children and adolescents in research, which is in the final stages of production.

- This reporting period has seen high demand for both the ARV training manual and the Ethical Approaches publication. , In addition, there has been consistent demand for the standard reports, summaries and newsletters that Population Council staff regularly produce as part of Horizons studies.

Population Council staff is on the cutting edge of data management with their innovative work with handheld technology for data collection. Scott Geibel in Nairobi and Lou Apicella in DC are coordinating this process, and throughout the reporting period have been testing the technology and training staff on its use to facilitate the data collection process. This technology will be utilized and evaluated in upcoming Horizons studies, with the hopes of future scale up and providing lessons learned to other researcher organizations.

The Washington DC office houses the Communications, Dissemination, and Utilization team (CDU) of Horizons, which includes two Population Council staff members. Through their work, Horizons is able to design and layout all publications in-house. This enables Horizons to have fast turn around time and consistent, quality publications. In an effort to ensure that results and findings from Horizons' studies are disseminated to those who need them most, CDU coordinates all domestic and international conference participation. Similarly, CDU manages the Horizons mailing list and database, facilitating the dissemination of information to those in the field. CDU keeps in constant communication with other CAs, keeping their finger on the pulse and ensuring that Horizons is getting the best services for the lowest price.

## F. Collaborating Entities

### Global

Family Health International/IMPACT  
InterAction  
Intl Center for Research on Women  
International HIV/AIDS Alliance  
Johns Hopkins University  
Population Council/Frontiers  
Program  
Prog for Appropriate Tech in Health  
Tulane University  
U.S. Agency for Intl Development

### Multilateral

Joint UN Prog on HIV/AIDS  
UN Dev. Fund for Women (UNIFEM)  
UN Children's Emer Fund (UNICEF)  
World Health Organization (WHO)

### Africa Region

Network of AIDS Researchers in  
East and South Africa (NARESA)  
Regional AIDS Training Network

### Botswana

Botswana National PMTCT Program  
Ctrs for Disease Control and  
Prevention

### Brazil

Ctr for Disease Control & Prevention  
DKT  
Goodyear  
Instituto Promundo  
Ministry of Health: National Program  
of STD & AIDS  
Municipal Program of STD & AIDS of  
Corumbá  
Oswaldo Cruz Fdn – FIOCRUZ  
Programa Integrado de  
Marginalidade  
Sociedade de Estudos E Pesquisas  
em Drogadiccao (SEPED)  
State STD & AIDS Program,  
MatoGrosso South  
University of Campinas – Dept of  
Clinical Medicine

### Burkina Faso

Global Network of People Living with  
HIV/AIDS  
Ministry of Health: Family Health  
Division; Community Health Lab  
Mwanza Action  
Private Community Initiative  
Univ of Ouagadougou: Cellule de  
Reproduction – Health Res. Unit

### Cambodia

Cambodian Res. for Development  
Khemara  
Medecins Sans Frontières  
Ministry of Health  
National AIDS Program

### Dominican Republic

Centro de Orientacion y  
Investigacion Integral (COIN)  
Centro de Promocion y Solidaridad  
Humana  
Instituto Dermatológico y Cirugía  
de Piel  
Johns Hopkins University  
STD Control Program

### Ecuador

Juan Cesar Garcia Institute  
Kimirina

### Ghana

Ministry of Health: Natl AIDS  
Program; Health Research Unit  
(HRU); Family Health Division;  
Ghana Health Service  
Planned Parenthood Association

### India

Administrative College of India  
Asha Karana  
Center for Intl Community Health  
Christian Medical Association  
Committee for Resource Org.  
Employees State Insurance Corp.  
FHI's Health Service Delivery Unit  
Freedom Foundation  
Institute of Economic Growth (IEG)  
Institute of Health Systems,  
Hyderabad  
Intl Institute for Pop. Sciences  
Leprosy Relief Assn Society of India  
MacArthur Foundation  
MAMTA Health Institute for Mother  
and Child  
Ministry of Health: National AIDS  
Control Organization  
Natl Council of Applied Economic  
Research (NCAER)  
Natl Institute of Public Health (INSP)  
Northern Railway Hospital, Delhi  
Ruby Hall Clinic & Grant Med  
Foundation, Pune  
Salvation Army  
SHADOWS  
Shelter  
Social Awareness Service Org  
(SASO)  
Society for Child Development and  
Family Guidance (SANGATH)  
Society for Dev. Res., & Training  
Society for Service to Urban Poverty  
Socio-Legal Aid Res. & Training Ctr  
SSL International  
St. Joseph of Cluny Hospital  
STD/HIV Intervention Programme  
Tulane University  
University of Connecticut  
Y.R. Gaitonde Centre for AIDS  
Research & Education (YRG CARE)

### Jamaica

Ministry of Health

### Kenya

African Pop & Health Research Cntr  
Bomu Clinic  
CDC - Family Planning & Logistics  
Management  
Center for British Teachers  
Christian Health Assoc. of Kenya  
Coast Provincial General Hospital  
Engender Health/AMKENI  
Family Health International/IMPACT  
Galebitra Ishtira Institute of African  
Studies  
HelpAge  
Institute of African Studies  
Intl Center for Reproductive Health  
International Medical Corporation  
Kenya Census Bureau  
Kenya Girl Guides Association  
Kenya Scouting Association  
Liverpool VCT Center  
Management Sciences for Health –  
Ratl Pharmaceutical Management  
Ministry of Education  
Ministry of Health: Kenyatta Natl  
Hospital's Adolescent Counseling  
Clinic; Provincial Health Authorities  
Natl AIDS/STD Control Programme  
Plan International  
Pop Studies & Research Institute  
Port Reitz District Hospital (PRDH)  
Steadman Research Services  
St. Johns Community Center  
United Nations Population Fund  
University of Nairobi

### Latvia

Ministry of Health  
National AIDS Program

### Madagascar

Abbott Laboratories  
Family Health International  
Fikambanan'ny Vehivavy Mpiakatra  
An Tsambo Antsiranana  
Ministry of Health  
University of North Carolina

### Mexico

Mexican Institute of Research on  
Family and Population (IMIFAP)  
National Institute of Public Health

### Nepal

Asia Foundation

### Nicaragua

Puntos de Encuentro – Prev.  
Medicine Dept  
Natl University of Nicaragua, León

### Nigeria

Assoc for Repro. and Family Health

### Rwanda

Rwanda School of Public Health  
World Vision

## Senegal

Africa Consultants International  
African AIDS Research Network  
Alliance Nationale de Lutte contre le SIDA  
Center for Ambulatory Care (CTA)  
Centre Regional "Paul Correa" de Formation  
Ministry of Health: STI/AIDS Division  
Organisation Panafricaine de Lutte contre le SIDA au Senegal (OPALS)  
Programme Nationale de Lutte Contre le SIDA (PNLS)  
Université Cheikh Anta Diop, Institut des Sciences de l'Environnement

## South Africa

Age-in-Action  
Alice Hospice  
Anglo American Corporation  
Council for Scientific and Industrial Research (CSIR)  
Council of Churches: Eastern Cape and Butterworth  
Department of Education  
Department of Health: Kwa-Zulu Natal Prov Health Dept; Mpumalanga Prov Health Dept  
Department of Social Dev & Welfare  
Development Research Africa (DRA)  
Dutch Reformed, Lutheran, and Roman Catholic Churches of Carletonville  
Elizabeth Glaser Pediatric AIDS Fdn.  
ESKOM  
Gold Fields, Ltd.  
Health Systems Trust  
Hope World Wide Program  
Human Services Research Council  
Living in Hope  
London School of Economics  
Manyano Women's Group of the Methodist Church  
Medical Care Development Intl  
Medical Res. Council of South Africa  
National Union of Mineworkers  
Nelson Mandela Children's Fund  
Progressus  
Reproductive Health Research Unit  
Save the Children  
Salvation Army  
So African Inst for Medical Research  
So Africa AIDS Info Dissemination Service (SAfAIDS)  
University of Cape Town  
University of Natal – Durban  
The Mothers' Program  
Valley Trust  
Young Men's Christian Association

## Tanzania

Johns Hopkins University Ctr for Communications Programs  
Johns Hopkins University School of Public Health  
Muhimbili College of Health Sciences  
Muhimbili Medical Centre  
Univ of Dar es Salaam: Drama Dept; Ctr for Adolescent Health

## Thailand

AIDS, TB, STIs Bureau and Office of Disease Prevention and Control  
Chiang Mai University: Community Medicine Dept, Faculty of Medicine; Dept of Psychiatry; Research Inst for Health Sciences  
Intl Network of Sex Work Projects  
Lampang Provincial Health Office  
Ministry of Education  
Ministry of Public Health: Center for Disease Control, Region 10  
Northern NGOs Coalition on AIDS  
Prog for Appropriate Tech in Health  
Thailand Business Coalition on AIDS  
Upper No. Thai Network of PLHA

## Uganda

AIDS Control Program (ACP)  
AIDS Information Center  
Department for Intl Development  
Intl Center for Research on Women  
Kitovu Hospital Mobile Home Care Programme  
Luwero Catholic Diocese  
Makerere Univ: Inst of Social Research (MSIR); Dept of Sociology  
Ministries of Health and Education  
Naguru Teen Info & Health Centre Plan  
Natl Agricultural Research Organisation  
Plan International  
Straight Talk Foundation  
The AIDS Support Organization

## USA

Academy for Educational Development  
Ctr for Disease Control & Prevention  
Ford Foundation  
Management Sciences for Health  
Population Services Intl/AIDSMark  
Save the Children  
The Futures Group  
University of Alabama - Birmingham  
Univ of CA, San Francisco: Ctr for AIDS Prevention Studies (CAPS)  
University of Hawaii: East-West Ctr  
University of North Carolina (MEASURE)  
University of Texas – Galveston

## Vietnam

Consultation of Investment in Health Promotion  
Ford Foundation  
Ho Chi Minh City AIDS Committee  
Ho Chi Minh City Labor Union  
Ho Chi Minh Natl Univ College of Social Sciences and Humanities  
Ho Chi Minh Standing AIDS Bureau  
Institute for Social Dev. Studies  
Market and Development Resource Center  
Population and Development Intl

## Zambia

CARE International  
Catholic Archdiocese: Lusaka, Ndola, and Mansa  
Catholic Secretariat: Sacred Heart Sisters  
Central Board of Health / Zambia  
Dev. AID from People to People  
District AIDS Task Force  
Family AIDS Caring Trust  
Family Health Trust  
Hope Humana/DAPP  
Institute of Economic and Social Research  
Japan Intl Cooperation Society  
Johns Hopkins University School of Public Health  
Linkages Project (AED)  
Luapula Foundation  
Ministry of Education  
Ministry of Health: Leprosy and STDs Surveillance Prog; Ndola District Health Management Team  
National AIDS Control Programme  
National Food and Nutrition Council  
Salvation Army  
Univ of Zambia: Dept of Psychology; Tropical Diseases Research Center  
Youth Forum Zambia  
Zambia HIV MTCT Working Group  
Zambia Integrated Health Programme  
Zambia Medical Association

## Zimbabwe

Catholic Relief Services  
Management Systems International  
Masiye Camp  
Ministry of Health  
Policy and Praxis  
Population Services International  
Programme Support Group  
Project Support Group  
Regl Psychosocial Support Initiative  
Salvation Army  
Support to Replicable Innovative Village/Community Level Efforts for Children Affected by AIDS  
Target Research Ltd.  
Univ of Zimbabwe: Cntr for Pop Studies Trust; Depts of Psychology and Community Medicine  
Zambuko Trust

## II. PERFORMANCE REVIEW

### A. List of Technical and Analytical Documents and Presentations

(July 1, 2004 - June 30, 2005)

#### PUBLICATIONS:

Baek, Carolyn and Naomi Rutenberg. 2005. "Addressing the family planning needs of HIV-positive PMTCT clients: Baseline findings from an operations research study," *Horizons Research Update*. Washington, DC: Population Council

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Greene, ME, Mehta, M, Pulerwitz, J, Wulf, D, Bankole, A, Singh, S. 2004. *Involving Men in Reproductive Health: Contributions to Development*. Occasional paper prepared for the United Nations Millennium Project

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- Lary, Heidi, Suzanne Maman, Maligo Katebalila, Ann McCauley, and Jessie Mbwambo. 2004. "Exploring the Association Between HIV and Violence: Young People's Experiences with Infidelity, Violence and Forced Sex in Dar es Salaam, Tanzania." *International Family Planning Perspectives* 30(4): 200-206
- MacIntyre, Kate, Naomi Rutenberg, Lianne Brown, and Ali Karim. 2004. "Understanding Perceptions of HIV Risk Among Adolescents in KwaZulu-Natal." *AIDS and Behavior* 8(3): 237-250
- Magnani, Robert, Kate MacIntyre, Ali Mehryar Karim, Lianne Brown, and Paul Hutchinson. 2005. "The impact of life skills education on adolescent sexual risk behaviors in KwaZulu-Natal, South Africa." *Journal of Adolescent Health* 26: 289-304
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- McCauley, Ann P. 2004. "Equitable access to HIV counseling and testing for youth in developing countries: A review of current practice," *Horizons Report*. Washington, DC: Population Council.
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#### **PRESENTATIONS:**

##### July 2004

The following presentations were given at the XV International AIDS Conference, held in Bangkok, Thailand, 11 – 16 July 2004:

*Access to condoms among health workers in Zambia*, poster presentation by Karusa Kiragu et al

*Behavior change and sexually transmitted infections among sex workers in a multi centre randomized trial in Zimbabwe and South Africa*, poster presentation by Lewis Ndhlovu et al

*Building a broad coalition to support HIV/AIDS/STI responses for MSM in Senegal*, poster presentation by Abdoulaye Ly et al

*Challenges faced by vulnerable youth in Zimbabwe: Results of a qualitative psychosocial assessment*, poster presentation by Leslie Snider et al

*Challenges to the implementation of workplace HIV/AIDS programs*, poster presentation by Eka Esu-Williams et al

*Colleagues with HIV/AIDS: Perspectives from health workers in Zambia*, poster presentation by Karusa Kiragu et al

*Comparing the impact and cost of two HIV prevention strategies for mobile construction workers in Vietnam*, poster presentation by Julie Pulerwitz et al

*Condom use among hospital staff in Zambia*, oral presentation by Andy Fisher and Karusa Kiragu

*Coping mechanisms adopted by elderly caregivers of children affected by HIV/AIDS in a rural Kenyan community*, poster presentation by Milka Juma et al

*Creating change agents in India: Participatory action research transforms youth as effective agents for change in gender attitudes and risky sexual behaviors: Evidence from India*, poster presentation by Vaishali Mahendra et al

*Effectiveness of female and male condoms in preventing exposure to semen during vaginal intercourse: a randomized trial*, poster presentation by Loren Galvao et al

*Engaging medical practitioners on how to improve the treatment of AIDS patients with ARVs in Thailand*, poster presentation by Pornip Khemngern et al

*Evaluation of United Nations-supported pilot projects for the prevention of mother-to-child transmission of HIV: Overview of findings*, poster presentation by Naomi Rutenberg et al

*Gender identity, risky sexual behavior and violence against women: Exploring relationships among Indian youth*, poster presentation by SS Khandekar et al

*How good is the counseling provided to patients receiving highly-active anti-retroviral therapy (HAART) in the Ministry of Public Health facilities in Northern Thailand?*, poster presentation by Simon Baker et al

*Increasing youth satisfaction with VCT services in Uganda*, oral presentation by Milka Juma

*Infant feeding practice falls short of recommendations in pilot PMTCT sites in Zambia and Kenya*, poster presentation by Naomi Rutenberg et al

*Influencing gender norms to reduce young men's HIV risk*, poster presentation by Marcio Segundo et al

*Lessons learned on the effectiveness of mass media programs to change HIV/AIDS-related behaviors in developing countries: a systematic review*, poster presentation by Michael Sweat et al

*Let sleeping dogs lie: Attitudes of health workers towards HIV testing in Zambia*, poster presentation by Karusa Kiragu et al

*Measuring and addressing HIV/AIDS stigma among truckers in Brazil*, oral presentation by Julie Pulerwitz

*Measuring gender norms for engaging men in HIV/AIDS prevention: Differences between India and Brazil*, poster presentation by Julie Pulerwitz et al

*Men who have sex with men in Burkina Faso, Senegal, and The Gambia: The multi-country HIV/AIDS program approach*, poster presentation by Cheikh Niang et al

*Mobility and sexual partnerships of truck drivers in Southern Brazil*, oral presentation by Sheri Lippman

*Motivating managers to improve their HIV workplace policies and programs in Thailand*, poster presentation by Srisuman Sartsara et al

*Physical violence, forced sex and sexual infidelity among youth in Dar es Salaam, Tanzania*, poster presentation by Heidi Lary et al

*PLHA-friendly hospitals: Reducing stigma and discrimination as a barrier to care*, poster presentation by Laelia Gilborn et al

*PLHA preference for disclosure: building family support to promote adherence to HAART*, poster presentation by Susan Kaai et al

*Policy and program barriers to equitable access to VCT services for young people*, oral presentation by Ann McCauley

*Preparing to deliver ARV therapy in KwaZulu Natal Province, South Africa: Assessing the "readiness to deliver ARV" through a situation analysis study*, oral presentation by Andy Fisher

*Programme recommendations for the prevention of mother-to-child transmission of HIV: A practical guide for managers*, oral presentation by Cheme Luo

*Protection against the dual risk of unwanted pregnancy and HIV/AIDS in KwaZulu-Natal, South Africa*, poster presentation by Pranitha Maharaj and Naomi Rutenberg

*Protective and preventive sexual behaviour among PLHA accessing preventive therapy services in Mombasa, Kenya*, poster presentation by Avina Sarna et al

Session: *Utilization of socio-cultural research on HIV/AIDS for programming*, chaired by Andy Fisher

Skills building workshop: *Adherence strategies for HAART*, Co-facilitated by Simon Baker

*Systematic review of the efficacy of peer education (PE) in reducing HIV sexual risk behavior in developing countries*, poster presentation by Amy Medley et al

*Systematic review of the impact of abstinence-only programmes on risk behavior in developing countries*, poster presentation by Michael Sweat et al

*Systematic review of the impact of Voluntary HIV counseling and testing (VCT) on risk behavior in developing countries*, poster presentation by Michael Sweat et al

*Tailoring STI/HIV programs to the needs of mobile populations: the Saude na Estrada project for truck drivers at the tri-country border in Foz do Iguaçu, Brazil*, poster presentation by Magda Chinaglia et al

*Teaching abstinence in schools in Mexico, South Africa, and Thailand*, oral presentation by Ann McCauley

*“Teens on Smart Sex”: Changing Thai college students’ sexual knowledge, attitudes and behavior*, poster presentation by Simon Baker et al

*The impact of Condom Social Marketing (CSM) on condom use in developing countries: A systematic review*, poster presentation by Michael Sweat et al

*The visible and the invisible: Interventions with sex workers in a generalized HIV epidemic*, poster presentation by Johannes van Dam et al

*These women, there’s time they need teaching: Intimacy, fidelity and control in the sexual relationships of adolescents in Dar es Salaam, Tanzania*, poster presentation by Suzanne Maman et al

*Using lay peer counselors to increase access to VCT services for youth in Uganda*, poster presentation by Ann McCauley et al

*What kept away African professionals from studying MSM and addressing their needs in Africa? Challenges and obstacles*, poster presentation by Placide Tapsoba et al

*What kind of HIV counselors do youth want? Young clients speak out in Uganda*, poster presentation by Milka Juma et al

*Working with the media to reduce stigma and discrimination toward MSM in Senegal*, poster presentation by Daouda Diouf et al

#### August 2004

*Highlights on HIV Prevention from the International AIDS Conference in Bangkok*, oral presentation by Julie Pulerwitz at a USAID Technical Meeting. Georgetown University

*Role of OR in influencing policy and program efforts— Reflections from study on policy, program and community responses to Trafficking and HIV/AIDS in Nepal*, presentation by Vaishali Mahendra at the Meeting on ‘Human Trafficking and HIV/AIDS – Towards a National Response,’ New Delhi, India, 30 August 2004

#### September 2004

*Culture and Gender: The Case of Nurses in Kenya and Zambia*, oral presentation by Karusa Kiragu to the Kenya Association of Professional Counselors, Nairobi, 7-9 Sept 2004

*Helping HIV-infected patients adhere to antiretroviral therapy: An Adherence Counseling Manual for Trainers in Kenya*, oral presentation by Susan Kaai and Avina Sarna at the Conference of Kenya Association of Professional Counselors, Nairobi, Kenya, 7-9 September 2004

*Increasing Family Planning-HIV Integration in Uganda: Results of an Operations Research Study*, presentation by Naomi Rutenberg at the Family Planning and HIV Integration Working Group, Washington DC, 23 September 2004

*Review of Program Experiences: Integrating Family Planning and Prevention of Mother-to-Child Transmission*, presentation by Carolyn Baek at the Family Planning and HIV Integration Working Group, Washington DC, 23 September 2004

*Youth and VCT: What do programmers need to know?* Presentation by Ann McCauley at the bimonthly InterAction seminar, Washington DC, 28 September 2004

#### October 2004

*Experiences of postpartum women with PMTCT in Kibera, Kenya: The need for Community-based approaches*, oral presentation at the Reproductive Health Priorities Conference, Sun City, South Africa, 5-8 October 2004

*Engaging Men who have Sex with Men in Operations Research: Methods and Issues* presentation, oral presentation at the Reproductive Health Priorities Conference, Sun City, South Africa, 5-8 October 2004

*Promoting adherence to antiretroviral therapy: Directly Administered Antiretroviral Therapy (DAART) intervention in Mombasa, Kenya*, oral presentation by Avina Sarna and Susan Kaai at the Reproductive Health Priorities Conference, Sun City, South Africa, 5-8 October 2004

*Sexual Practices, Risk-Taking and HIV Prevention among Men Who Have Sex With Men in Nairobi, Kenya*, oral poster presentation at the Reproductive Health Priorities Conference, Sun City, South Africa, 5-8 October 2004

*When the provider is the victim: Gender-based violence against nurses in Zambia*, oral presentation by Karusa Kiragu at the Reproductive Health Priorities Conference, Sun City, South Africa, 5-8 October 2004

*Who Cares for the Caregivers? Program and Policy Responses to Ease the HIV/AIDS Care Burden among Women*, ICRW Insight and Action seminar, Washington, DC, 7 October 2004

*Working In Anxiety: Concerns Of Zambian Hospital Employees In The Era Of HIV/AIDS and HIV-related stress among hospital staff in Zambia*, oral presentations upgraded to a keynote address by Karusa Kiragu at the Reproductive Health Priorities Conference, Sun City, South Africa, 5-8 October 2004

#### November 2004

*Assessing the readiness of public sector health facilities to deliver HIV/AIDS services including HAART: A situation analysis assessment in KwaZulu Natal, South Africa*, oral

presentation by Andrew Fisher at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Complicated Roads to HIV: Young women, Poverty, and Romance in Dar es Salaam*, oral presentation by Heidi Lary at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Designing an intervention to promote adherence to Antiretroviral Therapy (ART) using results from a formative assessment: Experiences from Mombasa, Kenya*, poster presentation by M Hawken at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Gender differences in sexual behavior of PLHA accessing HIV care services in Mombasa, Kenya*, oral presentation by Avina Sarna and Johannes van Dam at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Impact of a care and support intervention on HIV risk perceptions and behavior of young people in rural Zambia*, oral presentation by Katie Schenk at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Impact of program promoting equitable gender norms to reduce young men's HIV risk*, oral presentation by Julie Pulerwitz at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Making Hospitals More PLHA-Friendly: Findings from Operations Research in New Delhi, India*, poster presentation by Vaishali Mahendra at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Measuring differences in gender norms among men in India and Brazil and implications for HIV/STI and violence prevention*, oral presentation by Julie Pulerwitz at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Measuring and Addressing HIV/AIDS Stigma Among Truckers in Brazil*, poster presentation by Julie Pulerwitz at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Mobility, sexual partnerships, and HIV risk of truck drivers in Southern Brazil*, oral presentation by Julie Pulerwitz at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Preventing Breastmilk Transmission of HIV and Improving Infant Feeding: The Experience of Kenya*, oral presentation by Naomi Rutenberg at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Reducing stigma through home-based care in rural Zambia*, oral presentation by Katie Schenk at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Sexual behaviour of PLHA receiving ART*, presentation by Avina Sarna at the International Conference on Male Involvement in Reproductive Health, Bombay, India, 30 November – 2 December 2004

*STI/RTI control: Use of a strategic planning tool to plan comprehensive programs*, poster presentation by Johannes van Dam at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Understanding the context and determinants of gender based violence and risky sexual behavior for HIV prevention among young men in Mumbai slums*, round table presentation by Ravi Verma and Julie Pulerwitz at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*What's Gender got to do with it? Promoting Gender Equity as an HIV Prevention Strategy among Young Men*, oral presentation by Julie Pulerwitz at a USAID Technical Meeting, November 2004

*Young people caring for orphans and vulnerable children through home-based care in rural Zambia*, poster presentation by Katie Schenk at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

*Youth caregivers: A valuable community resource to people living with HIV/AIDS in rural Zambia*, poster presentation by Eka Esu-Williams at the American Public Health Association Annual Meeting, Washington, DC, 6-10 November 2004

#### December 2004

*Sessions: Stigma Indicators Sessions, at Health-related Stigma Workshop: Conceptual Framework, Indicators, and Future Research*, chaired by Julie Pulerwitz. Workshop organized by the Royal Tropical Institute, London School of Hygiene, and the Swiss Tropical Institute, held in the Netherlands, December 2004

*Forms and context of sexual coercion in Mumbai slums: Young men's perspectives*, oral presentation by Vaishali Mahendra and Ravi Verma at Asia conference 'Adolescents and Young Couples Reproductive and Sexual Health Needs', New Delhi, India, 2-4 December 2004

*Reducing stigma and discrimination in health care settings – Findings from operations research*, presentation by Vaishali Mahendra at the International Conference on Epidemiology. Jhansi, India, 5-8 December 2004

#### January 2005

*Taming an epidemic*, invited presentation by Ravi Verma at the IAVI conference on sensitizing media on HIV/AIDS and Vaccine research, Pune, India, 12 January 2005

#### February 2005

*Adherence to antiretroviral therapy (ART) and its principal determinants in HIV infected adults in India*, poster presentation by Avina Sarna at the 12<sup>th</sup> Conference on Retrovirology and Opportunistic Infections, Boston, MA, 22-25 February 2005

*Attitudes of Zambian Hospital Workers towards Female Condoms*, oral presentation by Karusa Kiragu at the University of Nairobi/University of Manitoba Meeting, Nairobi, February 2005

*Exploring sexual behaviour of HIV infected persons on antiretroviral therapy (ART): Experiences from India*, poster presentation by Avina Sarna at the 12<sup>th</sup> Conference on Retrovirology and Opportunistic Infections, Boston, MA, 22-25 February 2005

*Influencing Gender Norms to Reduce Young Men's HIV/STI Risk*, poster presentation by Marcio Segundo, Julie Pulerwitz, and Gary Barker at the Repositioning Family Planning in West Africa, Accra, Ghana, 15-18 February 2005

*Integrating Family Planning into Prevention of Mother-to-Child Transmission Services: A Review of Program Experiences*, poster presentation by Naomi Rutenberg and Carolyn Baek at the Repositioning Family Planning in West Africa, Accra, Ghana, 15-18 February 2005

*Integrating HIV/AIDS & Family Planning Services: Experiences From Sub-Saharan Africa*, oral presentation by Placide Tapsoba, Naomi Rutenberg, and Carolyn Baek at the Repositioning Family Planning in West Africa, Accra, Ghana, 15-18 February 2005

*Making AIDS Treatment and Care Happen: Training and Retaining Frontline Health Workers*, Horizons and InterAction Seminar, Washington, DC, 23 February 2004

*When the provider is the victim: Gender-based violence against nurses in Zambia*, oral presentation by Karusa Kiragu at the University of Nairobi/University of Manitoba Meeting, Nairobi, February 2005

#### March 2005

*Report on a comparison for three psychosocial support programs for OVC in Zimbabwe*, oral presentation by Louis Apicella at the Psychosocial Workshop preceding Population Association of America annual meeting, Philadelphia, PA, 29-30 March 2004

*Report on an intervention study to increase psychosocial support among OVC in Rwanda*, oral presentation by Tonya Thurman at the Psychosocial Workshop preceding Population Association of America annual meeting, Philadelphia, PA, 29-30 March 2004

*Overview of measurement of psychosocial stress and supports in orphans and vulnerable children*, oral presentation by Lisanne Brown at the Psychosocial Workshop preceding Population Association of America annual meeting, Philadelphia, PA, 29-30 March 2004

#### April 2005

*Addressing the family planning needs of HIV-positive PMTCT clients: Baseline findings from operations research in Nairobi, Kenya*, oral presentation by Carolyn Baek at the FP HIV Integration Working Group Meeting, Washington, DC, 6-7 April 2005

*An experiment with approaches to interview hard to access respondents: A study of male clients of FSWs in Mumbai, India*, presentation by Sudipta Mondal at the Population Association of America Annual Meeting, Philadelphia, PA, 2 April 2005

*Diagnostic research to inform the PPTCT Plus initiative in India – Improving access to treatment, care and support for HIV-positive women and their families*, presentation by Vaishali Mahendra at the Review of UNICEF India HIV/AIDS Program, April 2005

*Fostering Adherence to Antiretroviral Treatment: Findings from Horizons Studies in Kenya and India*, presentation by Avina Sarna at a Technical Seminar for U.S. Agency for International Development staff, Washington, DC, 19 April 2005

*Meeting the HIV/STI Prevention and Treatment Needs of Men Who Have Sex with Men: Findings from Horizons Studies in Senegal and Kenya*, presentation by Placide Tapsoba at a Technical Seminar for U.S. Agency for International Development staff, Washington, DC, 26 April 2005

*Protecting children's rights in health and welfare data collection*, oral presentation by Katie Schenk at the Lessons Learned from Rights-based Approaches to Health Conference, Atlanta, GA, 14 April 2005

#### May 2005

*Influencing Gender Norms to Reduce Young Men's HIV/STI Risk in Brazil*, poster presentation by Julie Pulerwitz at the President's Emergency Plan Meeting, Ethiopia, May 2005

*Is there a crisis in Masculinity in India?* Invited presentation by Ravi Verma at the round table on masculinity titled "Is there a global crisis in masculinity? Reframing sex education to respond," Population Council, New York, 23 May 2005

*HIV-positive Women's Fertility Desires and Provider Role in Stimulating Demand for Family Planning in Nairobi, Kenya*, poster presentation by Carolyn Baek at the President's Emergency Plan Meeting, Ethiopia, May 2005

*Promoting Adherence to Antiretroviral Therapy in Mombasa, Kenya*, poster presentation by Avina Sarna at the President's Emergency Plan Meeting, Ethiopia, May 2005

*Situation Analysis of Paediatric Antiretroviral Treatment Guides Implementation for Increasing Access*, poster presentation by Desireé Michaels at the President's Emergency Plan Meeting, Ethiopia, May 2005

#### June 2005

*Exploring the role of family caregivers and home based care programs in meeting the needs of people living with HIV/AIDS*, poster presentation by Catherine Searle at the 2<sup>nd</sup> South African AIDS Conference, Cape Town, South Africa, 8 June 2005

*HIV-related Stigma: Understanding it, measuring it, and testing the impact of programmatic responses*, oral presentation by Julie Pulerwitz at the Stigma Indicators Working Group Technical Meeting, June 2005

*Programmatic implications of the findings from a cost study of six home based care programs in South Africa*, oral presentation by Catherine Searle at the 2<sup>nd</sup> South African AIDS Conference, Cape Town, South Africa, 8 June 2005

*Promoting Gender Equity and Reducing Violence and HIV/STI Risk Among Young Men*, oral presentation by Ravi Verma at ICRW, Washington DC, 4 June 2005

*Sexual Risk Factors Among Men Who Have Sex With Men (MSM)*, invited presentation by Ravi Verma at the IAVI meeting on involving men who have sex with men in vaccine research trials, New Delhi, India, 15 June 2005

*Situation analysis of paediatric ARV treatment guides implementation for increasing access*, poster presentation by Desiree Michaels at the 2<sup>nd</sup> South African AIDS Conference, Cape Town, South Africa, 8 June 2005

*Stigma concerns and interventions: A workplace experience*, poster presentation by Eka Esu-Williams at the 2<sup>nd</sup> South African AIDS Conference, Cape Town, South Africa, 8 June 2005

*The role of the elderly in the care of OVC and the sick in the Eastern Cape*, oral presentation by Eka Esu-Williams at the 2<sup>nd</sup> South African AIDS Conference, Cape Town, South Africa, 8 June 2005

## **B. Articles Based on Horizons Findings Published by, Accepted by, or Submitted to Peer-Reviewed Journals**

### **PUBLISHED**

Adeokun, 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 behaviour." *AIDS* 15: 885-898.

Behets MTF, JR Rasolofomanana, K. van Damme, G. Vaovola, J. Andriamiadana, A. Ranaivo, K. McClamroch, G. Dallabetta, **J. van Dam**, D. Rasamilalao, A. Rasamindra and the MAD-STI Working Group. 2003. "Evidence-based treatment guidelines for sexually transmitted infections developed with and for female sex workers." *Tropical Medicine and International Health* 8(3): 251-258.

**Brown, Lianne, Kate Macintyre**, and Lea Trujillo. 2003. "Interventions to reduce HIV/AIDS stigma: What have we learned?" *AIDS Education and Prevention* 15(1): 49-69.

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

**Busza, J** and **S Baker**. 2004. "Protection and participation: an interactive programme introducing the female condom to migrant sex workers in Cambodia." *AIDS Care* 16(4): 507-518.

**Castle, Christopher**. 2003. Review of Samiran Panda, Anindya Chatterjee, Abu S. Abdul-Quader, eds., *Living with the AIDS Virus: The Epidemic and the Response in India*. *Studies in Family Planning*. 34(2): 143.

**Castle, Christopher**. 2000. "Evaluation of community development approaches." *Research for Sex Work* 3: 27.

- Duerr, A, S Hurst, A Kourtis, **N Rutenberg**, and D Jamieson. 2005. "A case for strengthened integration of services for family planning and prevention of mother-to-child HIV transmission in resource-limited settings." *Lancet* 366:261-263.
- Galvao, Loren W.**, Laurione C. Oliveira, **Juan Diaz**, Dhong-jin Kim, Nadia Marchi, **Johannes van Dam**, Roger F. Castilho, Michael Chen, and Maurizio Macaluso. 2005. "Effectiveness of female and male condoms in preventing exposure to semen during vaginal intercourse: a randomized trial." *Contraception* 71: 130-136.
- Gilborn, Laelia**. 2002. "The impact of HIV/AIDS on children in Africa." *Western Journal of Medicine* January 2002.
- Gilgen, D., B.G. Williams, C. MacPhail, **J. van Dam**, C. Campbell, R.C. Ballard and D. Taljaard. 2001. "The natural history of HIV/AIDS in a major goldmining centre in South Africa: results of a biomedical and social survey." *South African Journal of Science* 97(9/10).
- Kerrigan, Deanna**, Jonathan M. Ellen, Luis Moreno, Santo Rosario, Joanne Katz, David D. Celentano, and **Michael Sweat**. 2003. "Environmental-structural factors significantly associated with consistent condom use among female sex workers in the Dominican Republic." *AIDS*. 17(3):415-423.
- Kerrigan, Deanna**, Luis Moreno, Santo Rosario, and **Michael Sweat**. 2001. "Adapting the Thai 100% condom programme: developing a culturally appropriate model for the Dominican Republic." *Culture, Health & Sexuality*, 3(2): 221-240.
- Lary, Heidi, **Suzanne Maman**, Maligo Katebalila, **Ann McCauley**, and Jessie Mbwambo. 2004. "Exploring the association between HIV and violence: Young people's experiences with infidelity, violence and forced sex in Dar es Salaam, Tanzania." *International Family Planning Perspectives* 30(4): 200-206.
- MacIntyre, Kate**, **Naomi Rutenberg**, **Lisanne Brown**, and Ali Karim. 2004. "Understanding perceptions of HIV risk among adolescents in KwaZulu-Natal." *AIDS and Behavior* 8(3): 237-250.
- Magnani, Robert, **Kate MacIntyre**, Ali Mehryar Karim, **Lisanne Brown**, and Paul Hutchinson. 2005. "The impact of life skills education on adolescent sexual risk behaviors in KwaZulu-Natal, South Africa." *Journal of Adolescent Health* 26: 289-304.
- Maman, S**, J Campbell, **MD Sweat**, and AC Gielen. 2000. "The intersections of HIV and violence: directions for future research and interventions." *Social Science and Medicine* 50(4): 459-78.
- Maman, Suzanne**, Jessie Mbwambo, Nora Hogan, Gad Kilonzo, Jacquelyn Campbell, **Ellen Weiss**, and **Michael Sweat**. 2002. "HIV-positive women report more lifetime partner violence: Findings from a voluntary counseling and testing clinic in Dar es Salaam, Tanzania." *American Journal of Public Health* 92(8): 1331-37.
- Maman, Suzanne**, Jessie K. Mbwambo, Nora M. Hogan, **Ellen Weiss**, Gad P. Kilonzo, and **Michael D. Sweat**. 2003. "High rates and positive outcomes of HIV-serostatus disclosure to sexual partners: Reasons for cautious optimism from a voluntary

- counseling and testing clinic in Dar es Salaam, Tanzania." *AIDS and Behavior* 7(4): 373-382.
- Mantell, J.E., S Hoffman, E Weiss, L Adeokun, G Delano, T Jagha, TM. Exner, ZA. Stein, Q Abdool Karim, E Scheepers, K Atkins and **E Weiss**. 2001. "The acceptability of the female condom: Perspectives of family planning providers in New York City, South Africa, and Nigeria." *Journal of Urban Health* 78:658-668.
- Meekers, D and K Richter. 2005. "Factors associated with use of the female condom in Zimbabwe." *International Family Planning Perspectives* 31(1): 30-7.
- Niang, Cheikh, **Placide Tapsoba, Ellen Weiss**, Moustapha Diagne, Youssoupha Niang, **Amadou Moreau**, Dominique Gomis, Abdoulaye Wade, Karim Seck, and **Chris Castle**. 2003. "It's raining stones': stigma, violence and HIV vulnerability among men who have sex with men in Dakar, Senegal." *Culture, Health & Sexuality* 5(6): 499-512
- Parker, Richard and Peter Aggleton. 2003. "HIV and AIDS-related stigma and discrimination: a conceptual framework and implications for action." *Soc Sci Med* 57(1):13-24.
- Rumakom, Patchara**, Pramote Prasartkul, **Philip Guest**, Varachai Thongthai, and Sureeporn Punpuing. 2003. "Changes in the epidemiological transition in Thailand due to HIV/AIDS: Implications for population and health policies." *Journal of Population and Social Studies* 11(2).
- Rutenberg, Naomi**, Carol E Kaufman, **Kate Macintyre, Lisanne Brown**, and Ali Karim. 2003. "Pregnant or positive: Adolescent childbearing and HIV risk in KwaZulu Natal, South Africa." *Reproductive Health Matters* 11(22): 122-133.
- van Dam, Johannes** and King Holmes. 2000. "STD prevention: effectively reaching the core and a bridge population with a four-component intervention." *Sexually Transmitted Diseases* 27(1): 9-11.
- Verma, Ravi K** and **Vaishali S Mahendra**. 2004. "Construction of masculinity in India: A gender and sexual health perspective" *Journal of Family Welfare* 50(Special issue): 71-78.
- Verma, Ravi K, Julie Pulerwitz, Vaishali S Mahendra, Johannes van Dam**, Sabine Flessenkaemper, Sujata Khandekar, G. Rangaiyan, and Gary Barker. 2004. "From research to action – Addressing masculinity and gender norms" *Indian Journal of Social work* XXIV: 434-454
- ACCEPTED**
- Duerr, Ann, Stacey Hurst, Athena P Kourtis, **Naomi Rutenberg**, and Denise J Jamieson. 2005. "Integrating family planning and prevention of mother-to-child HIV transmission in resource-limited settings." Accepted for publication in *The Lancet* Vol 366 (July 2005).
- Esu-Williams, Eka, Katie Schenk, Scott Geibel, Joseph Motsepe**, Anderson Zulu, Petronella Bweupe, and **Ellen Weiss**. "We are no longer called club members but caregivers": involving youth in HIV/AIDS caregiving in rural Zambia. Accepted for publication by *AIDS Care*.

**Kerrigan, Deanna**, Luis Moreno, Santo Rosario, Bayardo Gomez, Hector Jerez, **Ellen Weiss**, Clare Barrington, and **Michael Sweat**. "Effects of environmental-structural interventions on HIV/STI-related risk among female sex workers in the Dominican Republic." Accepted for publication by the *American Journal of Public Health*.

**Kiragu, K.**, TJ Ngulube, M Nyumbu, P Njobvu, P Eerens, and C Mwaba. "Sexual risk-taking and HIV testing among health workers in Zambia." Accepted for publication in *AIDS and Behavior*.

**Rutenberg, N** and **C Baek**. 2005. "A review of program experience with integrating family planning into prevention of mother to child transmission programs." Accepted for publication in *Studies in Family Planning*.

**Samuels, Fiona, Ravi K Verma**, and CK George. "Double stigma: discrimination and violence among female sex workers and feminized men in Andhra Pradesh." Accepted for publication in *Gender and Health*, no. 9 in the Gender, Society & Development series.

#### **SUBMITTED**

**Kiragu, K.**, TJ Ngulube, M Nyumbu, P Njobvu, C Mwaba, and A Kalimbwe. "Sexual potential occupational HIV exposure to hospital personnel in Zambia." Submitted to *South Africa Medical Journal*.

**Kiragu, K.**, M Nyumbu, and J Olweny. "When the provider is the victim: Gender-based violence among female hospital workers in Zambia." Submitted to *Violence Against Women*.

Marindo, Ravai, **Ellen Weiss**, and **Julie Pulerwitz**. "Promoting male involvement and HIV prevention during pregnancy in Zimbabwe." Submitted to *African Journal of Reproductive Health*.

**Ogden J, S Esim, and C Grown**. "Expanding the care continuum for HIV/AIDS: bringing carers into focus." Submitted to *Health Policy and Planning*.

Pujari, S., **A Sarna**, AK Sengar, R Garg, S Katke, I Gupta, and **J van Dam**. Adherence to antiretroviral therapy and its principal determinants amongst human immunodeficiency virus infected patients in India. Submitted to *AIDS*

**Pulerwitz, Julie** and Gary Barker. "Measuring equitable gender norms for HIV/STI and violence prevention with young men: Development of the GEM Scale." Submitted to *Men and Masculinities*.

**Sarna, A.**, S Pujari, AK Sengar, R Garg, S Katke, I Gupta, and **J van Dam**. Sexual behaviour of HIV-positive individuals currently on antiretroviral therapy: Experiences from India. Submitted to *AIDS Care*.

**Schenk, KD**, T Murove, and J Williamson. "Protecting children's rights in the collection of health and welfare data." Invited for submission to *Health and Human Rights*.

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).

**C. Summary of Results Achieved (July 1, 2004 – June 30, 2005)**

| Country/Hz ID/<br>Staff Monitor                                 | Project Title<br>Type of Study<br>Focus   | Project Budget/<br>Source/Codes/<br>Duration/Comments  | Activities and/or Results  | Partners/<br>Principal<br>Investigators  |
|---|---|--|--|--|
| Brazil<br><br>Horizons #201<br><br>Julie Pulerwitz              | Promoting Healthy Relationships and HIV/STI Prevention for Young Men in Brazil<br><br>INTERVENTION<br><br>Prevention  | \$499,201<br>Core<br><br>Sub #AI02.014A<br><br>3/02 - 12/04<br>COMPLETED   | <u>Activities:</u><br>• 2nd follow up data collection<br><u>Results:</u><br>• Increase in condom use with primary partners.<br>• Decrease in STI symptoms over 3 months.<br>• Increase in support for equitable gender norms.<br>• Reported impact of intervention on attitudes and behaviors (by participants), confirmed by peers and sexual partners. | Sub: Instituto PROMUNDO  |
| Brazil<br><br>Horizons #223<br><br>Julie Pulerwitz<br>Juan Diaz | HIV Prevention, Testing, & Treatment for Mobile Populations: Focus on Truck Drivers in Brazil<br><br>INTERVENTION<br><br>Prevention   | \$581,200<br>225,628 – Mission<br>355,572 – Core<br><br>In-house #51763<br>In-house #51779<br><br>11/02 - 9/06<br><b>ONGOING</b> | <u>Activities:</u><br>• Intervention period completed<br>• Follow-up data collection ongoing   | USAID/Brazil, Goodyear, Ministry of Health, FHI  |
| Brazil<br><br>Horizons #269<br><br>Juan Diaz<br>Julie Pulerwitz | Improving the Quality of STI/HIV/AIDS Prevention & STI Testing & Treatment in Commercial Sex Workers at the Brazil/Bolivia Frontier (Corumba)<br><br>INTERVENTION<br><br>Prevention | \$206,060<br>Mission<br><br>In-house #51782<br><br>2/05 – 10/05<br><b>ONGOING</b>  | <u>Activities:</u><br>• Follow-up data collection ongoing.   | MOH: Natl STD/AIDS Program; State STD/AIDS Program   |
| Brazil<br><br>Horizons #278<br><br>Juan Diaz<br>Julie Pulerwitz | Risk Factors for HIV Infection in the MSM Population in the Metropolitan Area of Campinas, Brazil, Using Respondent Driven Sampling<br><br>DIAGNOSTIC<br><br>Prevention             | \$415,537<br>342,964 – Mission<br>72,573 – Core<br><br>In-house #51784<br><br>6/05 – 6/06<br><b>ONGOING</b>                      | <u>Activities:</u><br>• Proposal developed, reviewed, and approved.  | PC Brazil; CDC Brazil; PC/NY; Dept. of Clinical Medicine, State Univ. of Campinas; National STD/AIDS Program, Ministry of Health |

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| Ghana<br>Horizons #268<br>Placide<br>Tapsoba<br>Johannes<br>van Dam | Evaluation of a Pre-<br>packaged STI<br>Treatment Program<br>in Ghana<br><br>INTERVENTION<br>Prevention | \$56,902<br>Mission<br><br>Sub #AI04.51A<br><br>10/04 – 7/05<br>ON HOLD                | <u>Activities:</u><br>• Stakeholder interviews<br>• Study put on hold pending resolution of concerns expressed by pharmacists.   | Sub:<br>Health Research<br>Unit (HRU) of<br>Ghana Health<br>Service (GHS)<br>♦ PI: John<br>Gyapong             |
| Global<br>Horizons #98<br><br>Beverly Ben<br>Salem                  | Horizons Internship<br>Program  | \$6000<br>Core<br><br>In-house #51728<br><br>7/98 – 8/07<br><b>ONGOING</b>             | <u>Activities:</u><br>• One intern, Lindsey J. Reynolds (Masters in Health Sciences candidate, Dept. of International Health, Johns Hopkins University), received support to spend 3 months working on-site at the Horizons' study on Youth involvement in care & support for OVC in KwaZulu Natal, South Africa   | Valley Trust,<br>JHU, Population<br>Council office in<br>South Africa  |
| Global<br>Horizons #110<br><br>Ellen Weiss                          | Communications<br>and Dissemination   | \$100,000 per year<br>Core<br><br>In-House #51745<br><br>8/97 – 8/07<br><b>ONGOING</b> | <u>Activities:</u><br>• Produce high quality, user-friendly publications that highlight key findings from Horizons studies<br>• Disseminate findings through print and electronic media, and through face-to-face meetings globally<br>• Promote research utilization by providing program managers and practitioners with user-friendly publications and opportunities to discuss the findings from the field<br><u>Results:</u><br>• Bangkok International AIDS Conference 2004: 7 orals, 37 posters<br>• 28 publications produced (4 final reports, 3 research summaries, 7 research updates, 2 newsletters, 2 working papers, 1 training manual, 1 occasional paper, 1 CD update, and 8 articles in peer-reviewed journals<br>• Bimonthly seminars held locally in Washington, DC to disseminate results from the field<br>• Numerous oral and poster presentations of findings made at various national and international conferences (details in Section 2A) | ICRW, PATH, Intl<br>HIV/AIDS<br>Alliance, Johns<br>Hopkins<br>University,<br>Tulane Univ.,<br>FHI, Pop Council |
| Global<br>Horizons #126<br><br>Naomi<br>Rutenberg                   | Project<br>Development<br><br>TECHNICAL<br>ASSISTANCE   | \$120,000<br>Core<br><br>In-house #51760<br><br>1/02 – 10/06<br><b>ONGOING</b>         | <u>Activities:</u> Small, formative research, workshops, and/or consultants associated with developing proposals, including:<br>• Thailand ARV mtg (Baker & Stoeckel) \$10,500<br>• Uganda consultant, Charlotte Johnson-Welch 1,000<br>• Brazil JHU/Oswaldo Cruz 4,000<br>• Cambodia Stoeckel consultancy 6,175<br>• Kenya elderly caregivers (prop. dev.) 13,610<br>• Consultants re IndiaHIV prev. among young men 35,033<br>• Consultants re India ARV adherence study 30,488<br>• Paraguay vulnerable populations 9,940<br><br>Total \$110,746  | Partner<br>organizations,<br>study partners in<br>the field  |

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| Global<br><br>Horizons #234<br><br>Ellen Weiss               | Expanding<br>Horizons'<br>Communication<br>and Dissemination<br>Outreach<br><br>TECHNICAL<br>ASSISTANCE                    | \$226,319<br>Core<br><br>Sub #AI03.11A<br><br>2/03 – 8/05<br>COMPLETED | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Expanded electronic database for dissemination of Horizons publications</li> <li>• In collaboration with InterAction, organized four seminars to disseminate Horizons findings: Treatment, VCT and Youth, Human Resource Capacity for Delivering HIV/AIDS Services, and Psychosocial Support for AIDS-affected Children</li> <li>• Organized seminar for World AIDS Day that discussed gender issues related to treatment and care, property rights and HIV/AIDS, partner violence, stigma, microbicides, and vaccines.</li> </ul>  | Sub:<br>ICRW<br><br>Other:<br>InterAction                        |
| Global<br><br>Horizons #241<br><br>Mike Sweat<br>Andy Fisher | Systematic Review<br>of HIV Intervention<br>Effectiveness in<br>Developing<br>Countries<br><br>EVALUATION<br><br>Treatment | \$125,123<br>Core<br><br>Sub #AI03.19A<br><br>4/03 – 8/04<br>COMPLETED | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Completed searching and coding on 8 of the intervention topics.</li> <li>• Ongoing coding is being conducted on the balance of the intervention topics.</li> <li>• Manuscripts are being prepared for publication on Condom Social Marketing, Mass Media, Abstinence-Based Interventions, VCT, Family Planning Counseling for HIV Infected women, and Partner Notification.</li> </ul> <u>Results:</u><br><ul style="list-style-type: none"> <li>• The manuscript for Mass Media was accepted for publication</li> <li>• The manuscript for VCT has been reviewed and is being revised</li> </ul> | Sub:<br>JHU School of<br>Public Health<br>♦ PI: Michael<br>Sweat |
| Global<br><br>Horizons #279<br><br>Julie Pulerwitz           | Gender Norms as a<br>Gateway Factor<br><br>SECONDARY<br>DATA ANALYSIS<br><br>Strategic<br>Information                      | \$30,210 (Staff time)<br>Core<br><br>1/05 – 6/06<br><b>ONGOING</b>     | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Conceptual framework developed.</li> <li>• Data sets selected and reviewed.</li> <li>• Analysis plan designed.</li> <li>• Analysis initiated.</li> <li>• Opportunities for primary data collection determined.</li> </ul>   | Johns Hopkins<br>University, AED                                 |

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| India<br><br>Horizons #77<br><br>Vaishali<br>Mahendra<br><br>Laelia Gilborn | Improving the<br>Hospital<br>Environment for<br>HIV Positive Clients<br>in India<br><br>INTERVENTION<br><br>Prevention                  | \$872,438<br>Core<br><br>InHouse #51740<br>Sub #AI00.15A<br>Sub #AI00.009A<br><br>1/00 – 4/05<br>COMPLETED | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Data analysis and interpretation meetings with study partner and advisors.</li> <li>• Final report drafted, currently under review.</li> </ul> <u>Results:</u> <ul style="list-style-type: none"> <li>• Manifestations of stigma and discrimination in hospitals range from condescending attitudes to delay and denial of treatment to HIV-positive patients.</li> <li>• Both individual and institutional factors contribute to AIDS-related stigma and discrimination in health care settings.</li> <li>• Hospital managers catalyzed by baseline findings instituted hospital wide initiatives to address stigma and discrimination</li> <li>• Post-intervention, health care workers knowledge regarding HIV transmission increased considerably, especially among ward staff.</li> <li>• Health care workers judgmental and stigmatizing attitudes towards people living with HIV/AIDS reduced considerably</li> <li>• Improvement in 16 items on the 21 item stigma scale</li> <li>• Doctors reported improvements in their HIV testing and counseling practices and attitudes</li> <li>• Improvement in health care workers' understanding and practice of universal precautions and infection control.</li> <li>• PLHA-friendly checklist scores by hospital managers improved after intervention</li> <li>• Study process, tools and findings disseminated in national, regional and international conferences in India, Australia, Spain, United States, Thailand and Japan.</li> <li>• Study tools, i.e. Checklist and Hospital Guidelines, widely disseminated to public and private health care settings as well as NGOs.</li> <li>• Research update printed and disseminated widely.</li> </ul> | Subs:<br>SHARAN<br>♦ PIs: Bitra<br>George, Luke<br>Samson<br><br>IEG<br>♦ PI: Indrani<br>Gupta<br><br>Others:<br>National AIDS<br>Control<br>Organization, 3<br>New Delhi<br>hospitals |
| India<br><br>Horizons #216<br><br>Ravi Verma<br>Julie Pulerwitz             | Reducing Young<br>Men's HIV Risk via<br>Promotion of<br>Gender-Equitable<br>Norms and<br>Behavior<br><br>INTERVENTION<br><br>Prevention | \$98,092<br>Core<br><br>12/03 – 3/05<br>COMPLETED  | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Group educational activities adapted from Program H were piloted with 126 young men over a period of 6 months led by peer leaders and gender experts.</li> <li>• Pre and post tests were carried out using Gender Equitable Men Scale</li> <li>• Adapted group education modules referred as 'Yari-Dosti' in India have been translated in Hindi and ready for review and dissemination</li> </ul> <u>Results:</u> <ul style="list-style-type: none"> <li>• Findings suggest that changes in attitudes towards gender norms are possible via interventions</li> <li>• Findings suggest a subsequent reduction in HIV and violence risk</li> <li>• Findings indicate GEM Scale is a sensitive and cross-culturally relevant tool</li> </ul>   | CORO, Intl<br>Institute for<br>Population<br>Sciences, Ctr for<br>Intl Community<br>Health, University<br>of Connecticut   |

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| India<br><br>Horizons #219<br><br>Ravi Verma<br>Fiona Samuels | Reducing HIV Risk<br>Behavior Among<br>Key Populations by<br>Strengthening<br>Programs Through<br>Community<br>Involvement<br><br>INTERVENTION<br><br>Focused<br>Prevention                                   | \$778,134<br>Core<br><br>Sub #AI03.32A<br><br>7/03 – 7/07<br><b>ONGOING</b>  | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Approximately 110 qualitative interviews of members from key populations including FGDs were carried out from eight intervention sites of HIV/AIDS alliance.</li> <li>• Preliminary analysis has been completed and results shared with the India/Hyderabad HIV/AIDS alliance office.</li> <li>• Discussions for quantitative phase is on; and</li> <li>• A research article addressing the issue of double stigma experienced by sex-workers and MSM population is under preparation.</li> </ul>   | Sub:<br>Intl AIDS Alliance<br>♦ PI: Fiona Samuels<br><br>Others:<br>Institute of Health Systems (HIS)<br>♦ PI: Dr. George Alliance/India & AP office |
| India<br><br>Horizons #258<br><br>Avina Sarna                 | Assessment of<br>Adherence To<br>Treatment And<br>Sexual Risk<br>Behavior Among<br>HIV Positive<br>Patients Receiving<br>Antiretroviral<br>Therapy – A<br>Diagnostic Study<br><br>DIAGNOSTIC<br><br>Treatment | \$85,366<br>Core<br><br>1/04 – 7/05<br>COMPLETED   | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Study and analysis have been completed; final report is being finalized.</li> </ul> <u>Results:</u><br><ul style="list-style-type: none"> <li>• Self-reported mean 4-day adherence for all respondents: 94%. No significant differences in adherence observed between men &amp; women. Adherence was greatly lower among patients receiving free ARVs compared to patients paying out of pocket for ARVs (80.6% vs 96.4%, p= .001); adherence was lower even after controlling for economic status.</li> <li>• On multivariate analysis severe depression (OR 4.48; 95% CI 1.639-12.269; p = .003) &amp; receiving free ARVs (OR 4.051; 95% CI 1.422-11.542; p = .003) were associated with lower adherence.</li> <li>• Almost two thirds of the respondents reported being sexually active in the past 6 months. The majority of respondents reported sex with a regular partner (96%). Proportions were similar for men &amp; women.</li> <li>• Very high condom use with regular partners (89 %). Condom use at last sex with regular partners was associated with higher education, partner's HIV-negative status, &amp; being less depressed.</li> <li>• Areas of concern for potential HIV transmission include lack of serostatus disclosure to regular partners &amp; lower condom use with HIV-positive partners &amp; partners of unknown status.</li> <li>• Risk behavior was not associated with time on antiretroviral therapy.</li> </ul> | Ruby Hall clinic and Grant Medical Foundation & Poona Medical Research Foundation, ESIC Hospital, Jhilmil Colony                                     |
| Kenya<br><br>Horizons #207<br><br>Avina Sarna<br>Susan Kaai   | Operations Re-<br>search Around the<br>Introduction of<br>ARVs in the Man-<br>agement of HIV<br>Infected Individuals<br>in Mombasa<br><br>INTERVENTION<br><br>Treatment                                       | \$1,318,389<br>366,000 – Mission<br>952,389 – Core<br><br>In-house #51767<br>Sub #AI03.26A<br><br>5/03 - 11/05<br><b>ONGOING</b> | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• All patients have completed 6 months of follow up in the study. DAART intervention has ended and patients are now being followed for long-term adherence. Analysis on 6-month data to evaluate intervention is being finalized; a dissemination meeting is being planned for end September.</li> <li>• Preliminary findings have been presented at a USAID technical seminar in April 2005. Abstracts on adherence, sexual behavior and stigma are being submitted to ICASA 2005.</li> </ul>  | Sub:<br>ICRH<br>♦ PI: Stanley Luchters<br>Others:<br>FHI/IMPACT,<br>MSH RPM Plus,<br>MOH, CPGH,<br>PRDH, Bomu<br>Clinic                              |

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| Kenya<br>Horizons #213<br>Susan Kaai<br>Scott Geibel<br>Fiona Samuels   | Research to Understand Sexual and Reproductive Health Needs of Men in Nairobi<br><br>DIAGNOSTIC<br><br>Prevention                                    | \$341,396<br>Core<br><br>In-house #51766<br>Sub #AI03.22A<br><br>4/03 – 9/05<br><b>ONGOING</b>   | <u>Activities:</u><br>• Field Observations<br>• In depth Interviews-Gatekeepers & Service Providers<br>• Quantitative and Qualitative data Analysis<br>• Study Advisory Meeting<br>• Project Review Meeting<br>• Dissemination to MSMs & Director of NASCOP<br>• Reproductive Health Priorities Conference- presented 2 Abstracts<br>• Briefing of USAID/Kenya regarding results<br>• Draft Final Report written  | Sub:<br>Inst of Afr. Stud<br>Univ of Nairobi<br>♦ PI: W.<br>Onyango<br>Ouma<br><br>Others:<br>Intl AIDS Alliance<br>♦ PI: Fiona<br>Samuels<br><br>FRONTIERS |
| Kenya<br>Horizons #262<br>Milka Juma                                    | Beacon of Light: Program to Mitigate HIV Impact in Kenya by Involving Young Girl Guides and Their Parents<br><br>INTERVENTION<br><br>Prevention      | \$293,629<br>Mission<br><br>In-house #51778<br><br>9/04 – 7/06<br><b>ONGOING</b>   | <u>Activities:</u><br>• Baseline survey conducted in two intervention and two delayed comparison sites<br>• Data interpretation workshop held<br>• Baseline result disseminated at two meetings with KGGA staff<br>• Research Update on baseline results written  | Kenya Girl Guides Association<br><br>FHI/IMPACT   |
| Kenya<br>Horizons #266<br>Carolyn Baek<br>Susan Kaai<br>Naomi Rutenberg | Community-based Approaches to PMTCT<br><br>INTERVENTION<br><br>Prevention  | \$322,403<br>307,416 – Mission<br>14,987 – Core<br><br>In-house #51777<br>Sub #AI04.34A<br>Sub #AI04.35A<br><br>5/04-11/05<br><b>ONGOING</b> | <u>Activities:</u><br>• Baseline survey questionnaire collected from 1800 women at maternal and child health clinics<br>• Baseline in-depth interviews collected from 24 women at maternal and child health clinics<br>• Analysis of baseline data collection<br>• Intervention activities ongoing<br>• Documentation process of introducing community based activities, cost inputs, and tracking of service data ongoing<br>• Abstracts accepted to mtgs/conferences in US & sub-Saharan Africa | Subs:<br>Intl Medical Corps<br>♦ PIs: Peter McOdida, Benson Ulo<br><br>Steadman Research<br>Other: CDC  |
| Kenya<br>Horizons #273<br>Karusa Kiragu<br>Julie Pulerwitz              | Comprehensive Behavior Change Communication to Promote the "ABCs": Abstinence, Being Faithful, & Using Condoms<br><br>INTERVENTION<br><br>Prevention | \$30,210<br>Core<br><br>1/05 – 6/05 – Ph 1<br>COMPLETED<br><br>6/05 – 7/07 – Ph 2<br>(evaluation study)                                      | <u>Activities:</u><br>• Analysis and write-up of diagnostic study on the ABCs for HIV prevention in Kenya Results:<br>• Report on understandings of, and barriers to and facilitators of, the ABCs among in-school youth, working adults, truckers, and sex workers   | FHI/Impact  |

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| Kenya<br>Horizons #275<br>Karusa Kiragu<br>Susan Kaai<br>Naomi Rutenberg | HIV Testing<br>Competence and<br>Practices Among<br>Health Workers in<br>Kenya: A<br>Diagnostic Study<br><br>TECHNICAL<br>ASSISTANCE<br><br>Prevention | \$280,000<br>100,000 – CDC<br>180,000 – Core<br><br>9/04 – 1/06<br><b>ONGOING</b> | <u>Activities:</u><br>• Study protocol developed and approved by partners<br>• Data collection tools developed and pretested<br>• Sampling methodology developed and finalized<br>• Training manual developed<br>• Interviewers and supervisors recruited and trained<br>• Data collected in May/June 2005. | CDC-Kenya;<br>NAS COP   |
| Kenya<br>Horizons #277<br>Milka Juma                                     | Training Kenyan<br>Scouts in HIV<br>Home Care giving:<br>Phase I<br><br>TECHNICAL<br>ASSISTANCE<br><br>Care and support                                | \$92,078<br>Mission<br><br>In-house #51783<br><br>3/05 – 10/05<br><b>ONGOING</b>  | <u>Activities:</u><br>• Curriculum development workshop with Kenya Scouts national trainers held<br>• Workshop with Scout Leaders<br>• Workshop with Patrol Leaders<br>• Scouts training manual in HIV home care developed  | Kenya Scouts<br>Association<br>(KSA)<br><br>PATH  |
| Nicaragua<br>Horizons #252<br>Julie Pulerwitz<br>Mary Ellsberg           | Stigma Reduction<br>and Community<br>Mobilization for HIV<br>Prevention via<br>Multimedia<br>Programs<br><br>TECHNICAL<br>ASSISTANCE<br><br>Prevention | \$16,000 (Staff time)<br><br>In-house #51771<br><br>5/03 - 1/06<br><b>ONGOING</b> | <u>Activities:</u><br>• National multi-media BCC campaign ongoing.<br>• Midterm round of data collection completed.<br>• Baseline report completed.   | Puntos de<br>Encuentro,<br>Preventive<br>Medicine Dept,<br>Nat'l Univ. of<br>Nicaragua,<br>UNAN-Leon,<br>PATH |

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| Rwanda<br><br>Horizons #220<br><br>Katie Schenk<br><br>Lisanne Brown<br><br>Placide Tabsoba   | Assessing Psycho-social Benefits of a Community-Based Home Visitation Program for Orphans and Vulnerable Children (OVC) in Rwanda<br><br>INTERVENTION<br><br>Care and support | \$657,196<br>Core<br><br>Sub #AI03.46A<br><br>9/03 - 9/06<br><b>ONGOING</b>                     | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Conducted survey of mentors (adult volunteers) in collaboration with RSPH and WV, including design of questionnaire and training manual</li> <li>• Conducted analysis of baseline surveys (CHH and mentor)</li> <li>• Completed first quarter report of mentor program with RSPH and WV</li> <li>• Completed first draft of baseline report that includes CHH and mentor surveys, youth and adult FGD results and program progress to date.</li> <li>• Finalized baseline report</li> <li>• Presented findings of study at World Vision in October 2004 to the OVC taskforce</li> </ul>  | Sub:<br>Tulane University<br>♦ PI: Lisanne Brown<br>Others:<br>Rwanda School of Public Health<br>♦ PI: Joseph Ntaganira<br>World Vision Rwanda<br>♦ PI: Kofi Hagan |
| Senegal<br><br>Horizons #225<br><br>Placide Tapsoba<br><br>Amadou Moreau<br><br>Fiona Samuels | Responding to HIV/STI Risks and Health Needs of Men in Dakar, Senegal<br><br>INTERVENTION<br><br>Prevention   | \$490,787<br>Core<br><br>In-house #51765<br>Sub #AI03.08A<br><br>12/03 – 1/06<br><b>ONGOING</b> | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Training of 40 MSM leaders and peer educators completed</li> <li>• Referrals now made to network of 9 trained service providers</li> <li>• Sessions conducted to educate police</li> <li>• CBOs now involved in awareness, sensitization and service provision to MSM initiated using local funds</li> <li>• Expansion of services to 7 regions of the country</li> <li>• Mid-term qualitative assessment conducted in Feb 2005: 71 in-depth interviews, 6 FGDs and individual interviews of 3 providers</li> </ul> <u>Emerging Results:</u> <ul style="list-style-type: none"> <li>• Endline survey of 382 MSM completed:               <ul style="list-style-type: none"> <li>• Use of condom during sex with casual partners went from 6% to 43%</li> <li>• Belief of HIV transmission through unprotected sexual intercourse increased from 85% to 96%</li> <li>• Baseline and endline findings indicate that 51-52% of MSM exchanged money for sex within the last 12 months</li> <li>• 47% MSM claimed they used lubricant at the baseline; 69% at endline</li> <li>• Stigma/violence of some form remained for 22 % of respondents</li> </ul> </li> <li>• Data on medical services:               <ul style="list-style-type: none"> <li>• 774 MSM reached with clinical consultation</li> <li>• 168 requested/referred for VCT</li> <li>• 141 returned for results while 27 still expected to do so</li> <li>• 78 HIV positive (10%) while HIV prevalence in country is &lt;1%</li> <li>• 50 MSM under treatment including ARVs</li> </ul> </li> </ul> | CERFORMS/<br>AIDS /STI<br>Division (MOH)<br>♦ PI: Cheikh Niang<br>Intl AIDS Alliance<br>♦ PI: Fiona Samuels<br>CNLS, FHI, Univ. Cheikh Anta Diop, ACI, OPALS, ANCS |

| Country/Hz ID/<br>Staff Monitor   | Project Title<br>Type of Study<br>Focus   | Project Budget/<br>Source/Codes/<br>Duration/Comments                                       | Activities and/or Results   | Partners/<br>Principal<br>Investigators  |
|---|---|---|---|--|
| South Africa<br><br>Horizons #32<br><br>Eka Williams<br>Julie Pulerwitz | Addressing Stigma<br>and Strengthening<br>Prevention, Care,<br>and Support<br>Services for<br>Workers<br><br>INTERVENTION<br><br>Care and support   | \$295,299<br>Core<br><br>InHouse #51749<br>Sub #CI00.105A<br><br>11/00 - 12/04<br>COMPLETED | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Report writing</li> <li>• Dissemination</li> </ul> <u>Results:</u><br><ul style="list-style-type: none"> <li>• Increased capacity of peer educators to deliver services</li> <li>• Greater support and participation of management</li> <li>• Stigma reduced</li> <li>• Increased disclosure of HIV status on a one-one basis</li> <li>• Network of employee, family and NGO peer educators established to support workplace intervention</li> <li>• Materials developed for training, educational activities and stigma sensitization</li> </ul>  | Sub:<br>DRA KZN<br>ESKOM   |
| South Africa<br><br>Horizons #224<br><br>Rick Homan<br>Andy Fisher      | A Cost Analysis of<br>Models of PLHA<br>Caregivers in South<br>Africa<br><br>EVALUATION<br><br>Care and support   | \$268,321<br>USAID PRETORIA<br>FS<br><br>InHouse #51776<br><br>5/04 – 6/05<br>COMPLETED     | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Data interpretation workshop was held in March 2005. The results of that workshop will be incorporated in the project final report.</li> </ul> <u>Results:</u><br><ul style="list-style-type: none"> <li>• Access to home-based care services yields substantial monetary and non-monetary savings to the household.</li> <li>• Despite the receipt of home-based care services, there remain important needs not addressed by the home-based care program and which remain the responsibility of other household members</li> <li>• The variation in mix of services provided and the annual cost per client or cost per visit was documented for 6 programs in 4 provinces of SA.</li> <li>• Given this variation across programs, it is important to reach consensus on standards for home-based care programs</li> </ul> | NMCF,<br>Hope World Wide<br>Program,<br>Medical Care<br>Development Intl,<br>Dept. of Health |
| South Africa<br><br>Horizons #256<br><br>Eka Williams,<br>Andy Fisher   | The Elderly as<br>HIV/AIDS<br>Caregivers: An<br>Assessment of the<br>Burden of<br>HIV/AIDS Care<br>Giving on the<br>Elderly in Eastern<br>Cape Province<br>DIAGNOSTIC<br><br>Care and support | \$186,782<br>USAID PRETORIA<br>FS<br><br>AI04.17A<br><br>5/04 – 6/05<br>COMPLETED           | <u>Activities:</u><br><ul style="list-style-type: none"> <li>• Analysis of baseline survey</li> <li>• Development of intervention activities</li> <li>• Dissemination of formative study results</li> </ul> <u>Results:</u><br><ul style="list-style-type: none"> <li>• Vast majority of elderly caregivers are single and female</li> <li>• Elderly caregivers depend largely on state pension to support household</li> <li>• Elderly caregivers support their children and grandchildren, including sick dependents</li> <li>• They are concerned about the impact of HIV/AIDS on their dependents</li> <li>• They lack the skills to communicate effectively to protect young dependents from risk activities such as early sex, multiple partners, drug and alcohol use.</li> </ul>  | Medical<br>Research Council<br>of South Africa,<br>Age-in-Action                             |

| Country/Hz ID/<br>Staff Monitor   | Project Title<br>Type of Study<br>Focus   | Project Budget/<br>Source/Codes/<br>Duration/Comments   | Activities and/or Results   | Partners/<br>Principal<br>Investigators       |
|---|---|---|---|---|
| South Africa<br>Horizons #271<br>Catherine Searle<br>Eka Williams<br>Katie Schenk | Involving Young People in the Care and Support of OVC in KwaZulu Natal, South Africa<br><br>INTERVENTION<br><br>Care and support  | \$202,255<br>Mission<br><br>Sub #AI05.12A<br><br>3/05– 9/06<br><b>ONGOING</b>                   | <u>Activities:</u><br>• Ethical review by University of Witwatersrand, South Africa<br>• Questionnaire development and translation<br>• Community exchange, questionnaire review and formative research with stakeholders<br>• Pretest for baseline<br>• Identification of youth caregivers<br>• Development of draft training curriculum | Sub:<br>Valley Trust<br>♦ PI: Clive Bruzas    |
| South Africa<br>Linked to Horizons #271<br>Katie Schenk<br>Catherine Searle       | Nested Study on Abstinence and Be Faithful Messages for OVC<br><br>DIAGNOSTIC<br><br>Prevention   | \$14,000<br>5,000 – Mission<br>9,000 – Core<br><br>3/05 – 9/06<br><b>ONGOING</b>                | <u>Activities:</u><br>• Review of existing data collection tools<br>• Community exchange and review of questionnaire (included in above baseline)<br>• Pretest of AB questions  | Valley Trust                                  |
| South Africa<br>Horizons #272<br>Lewis Ndhlovu<br>Naomi Rutenberg                 | Exploring Current Practices in Pediatric ARV Roll-Out and Integration with Early Childhood Programs in So Africa: A Rapid Situational Analysis<br><br>INTERVENTION<br><br>Treatment | \$209,186<br>Mission<br><br>Sub #AI04.60A<br>In-house TBD<br><br>11/04 – 1/06<br><b>ONGOING</b> | <u>Activities:</u><br>• Data collection completed in the sites of Durban, Khayelitsha, Lusikisiki, Bloemfontein, Soweto, Cape Town and East London<br>• Transcriptions in progress<br>• Quantitative data entry started   | University of Cape Town<br>♦ PI: Des Michaels |
| South Africa<br>Horizons #281<br>Catherine Searle<br>Eka Williams                 | Monitoring and Evaluation Workshops<br><br>CAPACITY BUILDING<br><br>Strategic Information   | \$158,596<br>Mission<br><br>11/04 – 9/05<br>COMPLETED   | <u>Activities:</u><br>• Facilitate the development of curriculum, agenda and materials<br>• 5 day workshop held in Durban in November 2004 for 42 participants<br>• 5 day workshop held in Durban in May 2004 for 47 participants   | MEASURE<br>Evaluation<br>CDC                  |

| Country/Hz ID/<br>Staff Monitor  | Project Title<br>Type of Study<br>Focus  | Project Budget/<br>Source/Codes/<br>Duration/Comments  | Activities and/or Results   | Partners/<br>Principal<br>Investigators   |
|--|--|--|---|---|
| Tanzania<br><br>Horizons #204<br><br>Suzanne Maman (Consultant)<br><br>Ellen Weiss | Reducing HIV Risk Through Violence Prevention with Young Men in Tanzania<br><br>INTERVENTION<br><br>Prevention | \$567,134<br>Core<br><br>Sub #AI03.09A<br>Sub #AI03.10A<br><br>4/03 – 3/06<br><b>ONGOING</b>                       | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Completed the baseline survey with 950 young men in the intervention and control communities</li> <li>• Conducted 3 training sessions for the two intervention teams.</li> <li>• Initiated the peer-group intervention and community theatre performances in the intervention community</li> <li>• Conducted 9 of the 12 peer group sessions</li> <li>• Completed 12 of 18 community theatre performances</li> <li>• Started conducting in-depth interviews with female partners of young men enrolled in the intervention</li> <li>• Three journal papers under development.</li> </ul><br><u>Results (Baseline survey):</u> <ul style="list-style-type: none"> <li>• Men who report more sexual partners also report more violence in their relationships.</li> </ul> | Sub:<br>Muhimbili College of Health Sciences (MUCHS)<br>♦ PI: Dr. Jessie Mbwambo<br><br>JHU School of Public Health<br><br>Others:<br>JHU CCP, Dar es Salaam Univ<br>Drama Dept.  |
| Thailand<br><br>Horizons #237<br><br>Philip Guest<br>Avina Sarna                   | Enhancing HAART in Thailand<br><br>INTERVENTION<br><br>Treatment   | \$1,176,512<br>Core<br><br>In-house #51774<br>Sub #AI03.60A<br>Sub #AI03.61A<br><br>11/03 – 5/06<br><b>ONGOING</b> | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Recruitment completed of 753 ART patients</li> <li>• 4-month follow-up of patients completed. At end of 4 months, 664 remain in the study. Approximately 90 percent of loss to follow-up a result of death of patients.</li> <li>• Intervention completed</li> <li>• 12-month follow-up of patients commenced</li> </ul>  | Subs:<br>Chiang Mai Univ:<br>--Psych. Dept.<br>♦ PI: Sombat Tapanya<br><br>--Research Inst. for Health Sciences<br>♦ PI: Suwat Chariyalertsak<br><br>Others:<br>Chiang Mai Office of Disease Prev. & Control;<br>No. Thai PLHA Network, NGO Coalition on AIDS |

| Country/Hz ID/<br>Staff Monitor   | Project Title<br>Type of Study<br>Focus  | Project Budget/<br>Source/Codes/<br>Duration/Comments  | Activities and/or Results   | Partners/<br>Principal<br>Investigators  |
|---|--|--|---|--|
| Uganda<br><br>Horizons #239<br><br>Karusa Kiragu<br>Ellen Weiss<br>Jessica Ogden<br>Laura Nyblade | Improving Food<br>Security of AIDS-<br>Affected<br>Households in<br>Uganda<br><br>INTERVENTION<br><br>Care & support                                     | \$729,673<br>Core<br><br>Sub #AI03.33A<br>Sub #AI03.41A<br><br>7/03 – 8/06<br><b>ONGOING</b> | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Continued to build capacity among NARO, TASO, and Production, Community Development and Health Departments of the Tororo District Council to work with farmers to identify, design, and implement food security interventions that address the needs of HIV/AIDS-affected households and communities.</li> <li>• Held meeting of the PAFOSE Tororo District Management Team</li> <li>• Designed and conducted training sessions on nutrition and HIV/AIDS, food security, and gender for community level field partners in 3 sub-counties. Over 76 village level field partners participated in 5 days of trainings.</li> <li>• Worked with District Management Team and Level 1 Trainers to develop and field test training protocols and manuals to train field partners to conduct farmers group meetings to analyze food security issues and plan interventions.</li> <li>• Conducted formative research on gender, HIV/AIDS and food security and on dietary diversity, needed for monitoring and evaluation of food security intervention. Analyzed data and wrote preliminary report.</li> <li>• Engaged funding for intervention costs to TASO/NARO from USAID mission through UPHOLD to start September 05.</li> </ul> | Subs:<br>ICRW<br>♦ PIs: Katharine<br>Coon, Jessica<br>Ogden<br><br>NARO<br>Dr. Charles Otim,<br>Director, LIRI<br>(NARO's<br>Livestock<br>Research<br>Institute) Tororo,<br>Uganda<br><br>Other:<br>TASO |
| Uganda<br><br>Horizons #274<br><br>Karusa Kiragu<br>Milka Juma                                    | Building Evaluation<br>Capacity among<br>the Staff of The<br>Straight<br>Talk Foundation<br><br>TECHNICAL<br>ASSISTANCE<br><br>Prevention                | \$200,000<br>Mission<br><br>In-house #51781<br><br>12/04 – 12/06<br><b>ONGOING</b>           | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Funds for this activity secured from USAID-Uganda</li> <li>• Project concept paper prepared and approved by USAID-Washington</li> <li>• Study protocol prepared and reviewed by partners</li> <li>• 1st capacity-building workshop held</li> <li>• Sample size calculations and sampling strategy formulated</li> <li>• Districts participating in the community-based survey identified.</li> <li>• Design of data collection tools commenced.</li> <li>• Data collection planned for August 2005</li> </ul>   | Straight Talk<br>Foundation<br><br>DFID  |
| Zambia<br><br>Horizons #31<br><br>Eka Williams<br>Katie Schenk                                    | Promoting the<br>Sustainability of<br>PLHA Care and<br>Support Activities<br>by Young People in<br>Zambia, Phase 2<br><br>INTERVENTION<br><br>Prevention | \$195,860<br>Core<br><br>In-house #51772<br><br>4/03 - 10/05<br><b>ONGOING</b>               | <u>Activities:</u> <ul style="list-style-type: none"> <li>• Training on ART for club members</li> <li>• Review and pre-testing of questionnaire</li> <li>• Identification of data collectors</li> <li>• Preparation for final data collection</li> <li>• Preparation for close-out of project</li> </ul>  | Luapula Fdtn.,<br>Mansa Cath.<br>Diocese, District<br>AIDS Task Force,<br>Min. of<br>Education,<br>Zambia Youth<br>Forum   |

| Country/Hz ID/<br>Staff Monitor   | Project Title<br>Type of Study<br>Focus  | Project Budget/<br>Source/Codes/<br>Duration/Comments   | Activities and/or Results   | Partners/<br>Principal<br>Investigators  |
|---|--|---|---|--|
| Zambia<br><br>Horizons #238<br><br>Julie Denison<br>Ellen Weiss                           | Decisions to Seek<br>HIV VCT Among<br>Zambian<br>Adolescents:<br>Influences of<br>Individual, Familial,<br>and Environmental<br>Factors<br><br>DIAGNOSTIC<br><br>Prevention                        | \$108,080<br>Core<br><br>Sub #AI03.27A<br><br>6/03 – 10/05<br><b>ONGOING</b>  | <u>Activities:</u><br>• Preliminary data presented at the NIMH Families and HIV conference in Atlanta Georgia in July 2004<br>• Data cleaning and analysis workshop held with collaborators in Ndola Zambia in August 2004<br>• Data analysis and the preparation of 3 draft manuscripts<br>• Horizons Research Summary developed for distribution during dissemination activities (June/July 2005)   | Sub:<br>Development AID<br>from People to<br>People (DAPP)<br>♦ PI: Cecilian<br>Kaonga<br><br>Others:<br>JHU School of<br>Public Health<br>♦ PI: Julie<br>Denison  |
| Zambia<br><br>Horizons #242<br><br>Karusa Kiragu<br><br>Naomi<br>Rutenberg                | Caring for Health<br>Workers:<br>Addressing<br>Psychosocial<br>Burden of<br>HIV/AIDS on<br>Health Personnel in<br>Zambia<br><br>INTERVENTION<br><br>Prevention                                     | \$563,774<br>Core<br><br>InHouse #51775<br>Sub #AI03.68A<br><br>12/03 - 9/06<br><b>ONGOING</b>                            | <u>Activities:</u><br>• Intervention ongoing in the experimental sites<br>• Project and financial monitoring ongoing<br>• Received provisional approval for funding to conduct follow-up survey; awaiting final figure from SHARe<br>• Presented results of the baseline survey in several international conferences<br>• Follow-up survey planned for November 2005 contingent on availability of funding  | Sub:<br>Institute for<br>Economic and<br>Social Research<br>(INESOR)<br>♦ PI: Thabale<br>Ngulube<br><br>Others:<br>ZIHP/SHARe,<br>Zambia Medical<br>Association  |
| Zambia<br><br>Horizons #260<br><br>Avina Sarna<br>Fiona Samuels<br><br>Naomi<br>Rutenberg | Community<br>Education and<br>Referral for<br>Supporting<br>Adherence to<br>Antiretroviral<br>Treatment and<br>Prevention for<br>People with HIV in<br>Zambia<br><br>INTERVENTION<br><br>Treatment | \$771,148<br>150,000 – Mission<br>621,148 – Core<br><br>Sub AI04.18A<br>Sub AI04.19A<br><br>5/04 – 4/07<br><b>ONGOING</b> | <u>Activities:</u><br>• Data collection instruments developed and piloted<br>• Research Assistants recruited and trained through training workshop and on-the-job training<br>• Data collection activities completed on all 4 sites (2 in Lusaka and 2 in Ndola)<br>• Data entry and initial analysis (using SPSS) carried out on the 2 quantitative instruments<br>• In-depth interviews and focus group discussions transcribed and translated in preparation for entry into software package (Atlasti)<br>• Preliminary findings from community survey shared with intervention and research partners in April<br>• Writing of preliminary reports for quantitative instruments<br>• Preparation for analysis meeting in August with intervention and research partners<br>• 2 abstracts submitted for ICASA | Subs:<br>Intl AIDS Alliance<br>♦ PI: Fiona<br>Samuels<br><br>INESOR<br>♦ PI: Phillimon<br>Ndubani<br>Others:<br>Central Board of<br>Health/ Zambia<br>Govt, Alliance/<br>Zambia, Lusaka<br>Archdiocese,<br>Ndola Diocese |

### III. FINANCIAL STATUS REPORT

#### Form SF 269 to 6/30/2005 (USAID FY 2005 – Qtr 3)

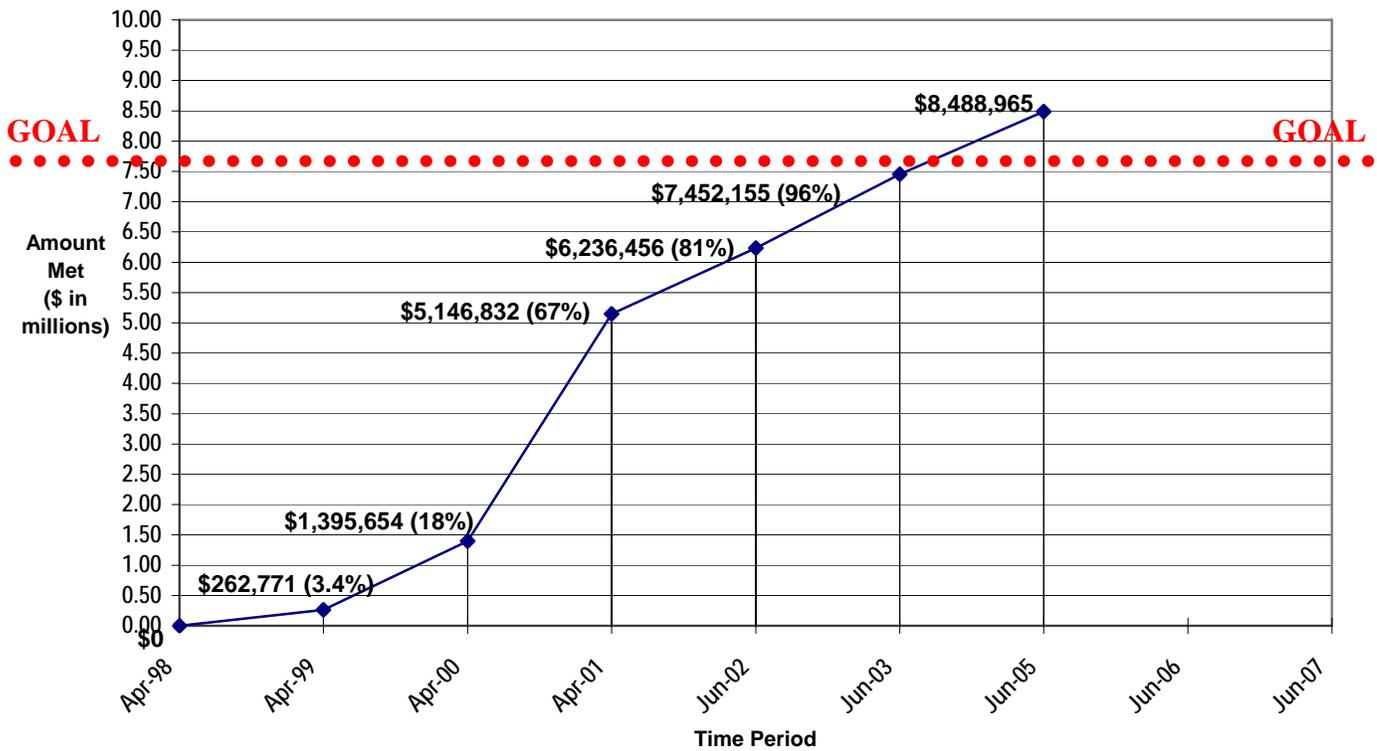
|  |               |
|--|---------------|
| a. Total Outlays Previously Reported   | 73,498,391    |
| b. Total Outlays 2005-Q3:  | 1,620,102.20  |
| e. Total Outlays Cumulative thru 2005-Q3 (a+b):<br>Incl. \$8,488,965 cost share  | 75,118,493.29 |
| g. Total Federal Share of Outlays Cumulative 2005-Q3:                            | 66,629,528.29 |
| j. Federal Share of Unliquidated Obligations                                     | 310,524.03    |
| k. Total Federal Share of Outlays and Unliquidated<br>Obligations 2005-Q3 (g+j): | 66,940,052.32 |
| l. Total Federal Funds Authorized  | 67,513,955    |

|   |            |
|---|------------|
| 1. Balance of Federal Funds (l minus k):              | 573,902.68 |
| 2. Less estimated payables on subcontracts to 6/30/05 | 310,524.03 |
| 3. Balance remaining as of 6/30/05:                   | 263,379    |

## B. Cost Share Update

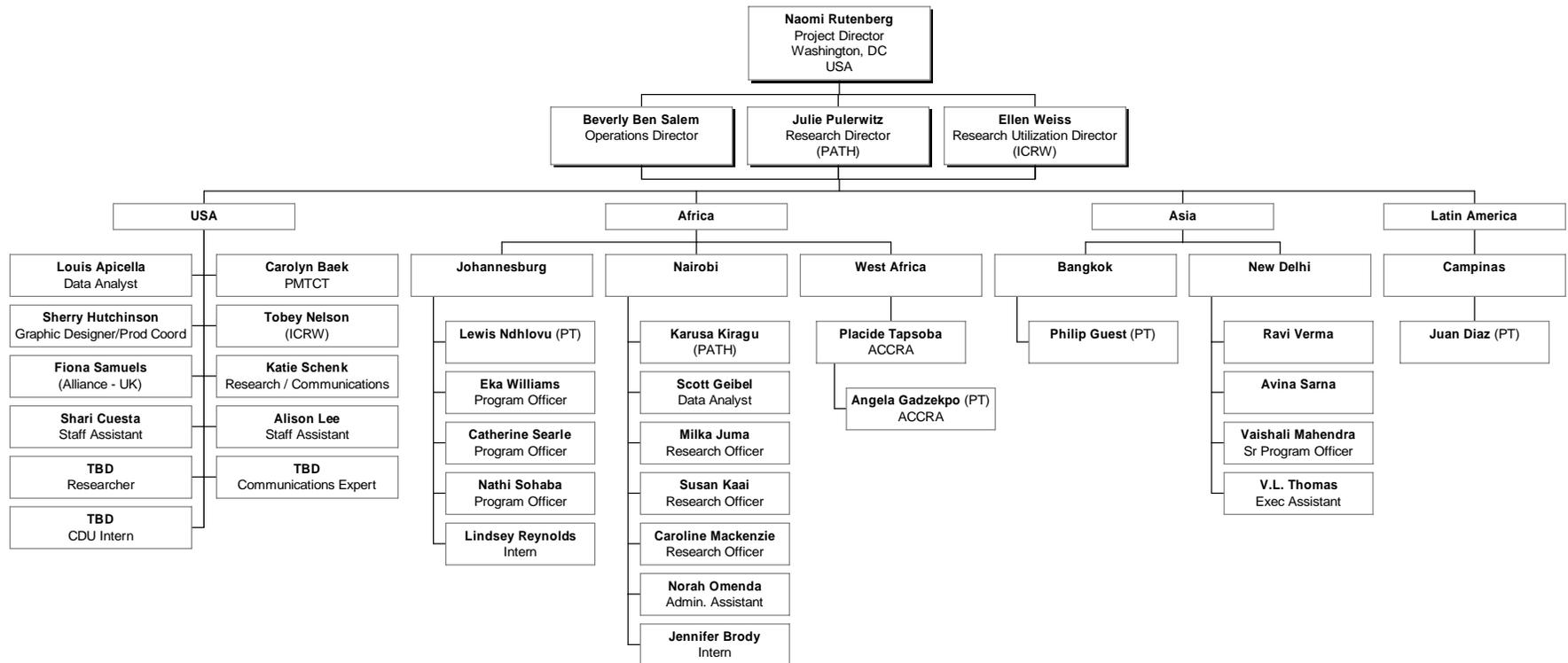
- \$4 million – Horizons I goal. By end of Horizons I, we reached \$6.2 million.
- \$7.7 million – new goal (combined Horizons I and II)
- \$8.48 million – documented by 6/30/05

### Horizons' Cost Sharing



## IV. ANNEXES

### A. Program Organizational Chart



**B. Project Locations – Past and Present**

