



Five questions on
global health
& population

Annual Report 2005



Five questions on global health & population

- 1 How can we slow the spread of HIV? *(see page 4)*
- 2 How can we ensure that people's reproductive health needs are met? *(see page 6)*
- 3 How can we help women avoid unintended pregnancy? *(see page 8)*
- 4 How can population research improve the lives of people living in poverty? *(see page 10)*
- 5 How can we help girls navigate adolescence safely in the age of AIDS? *(see page 12)*

Challenges that motivate us

Every minute, **ten people** become newly infected with **HIV** and six die of AIDS.

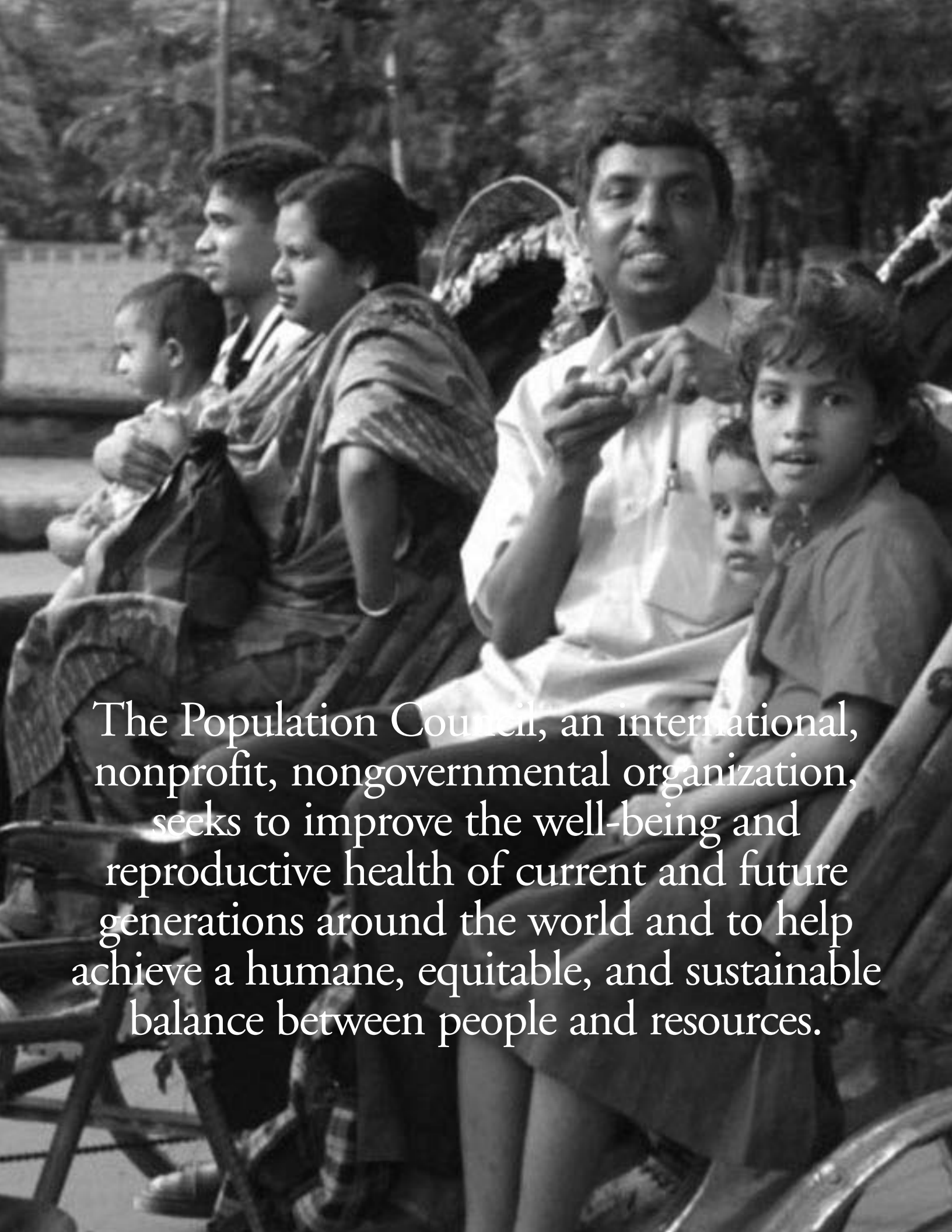
Women in sub-Saharan Africa are **175 times more likely to die in childbirth** than women in developed regions of the world.

Condoms are the only products that prevent both pregnancy and sexually transmitted infections. There is a dire need for more **products** that offer **dual protection**.

More than **half of the world's people live on less than two dollars a day**; more than 1 billion people do not have access to an adequate supply of drinking water; more than 2.5 billion do not have access to basic sanitation; and more than 2 billion lack access to a reliable source of electricity.

In the next ten years at least **100 million girls** are expected to be **married before they turn 18**. Married girls are often highly susceptible to HIV infection and are at increased risk for dropping out of school, domestic violence, and coerced sex.

The following pages pose vital questions that motivate our research and outline the steps the Population Council is taking to answer them.



The Population Council, an international, nonprofit, nongovernmental organization, seeks to improve the well-being and reproductive health of current and future generations around the world and to help achieve a humane, equitable, and sustainable balance between people and resources.

President's message

In 2005, the Population Council undertook a comprehensive review of how we could best address the population, health, and development challenges facing the world. We analyzed our strengths and weaknesses, assessed our expertise, and set strategic directions for our work. We targeted three areas that are crucial for the future of developing countries: **HIV and AIDS**; **reproductive health**; and **poverty, gender, and youth**.

We will tackle these issues from a range of perspectives and within differing cultural settings. Our **strategic plan** focuses on making a measurable impact on the **policies** and **programs** governments and nongovernmental organizations implement to improve the well-being of people in the world's most impoverished countries, and on developing reproductive health products, such as contraceptives and microbicides.

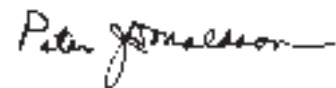
Over months of meetings and planning, our partners, friends, and even some critics emphasized the assets that give the Council its credibility: the quality of our staff; an outstanding board of trustees; the strength of our partnerships; the informed support of generous donors; and the continuing impact of our research and technical collaboration. To build on these strengths, we are reorganizing our programs and staff to better align our resources with our priorities, to **promote** greater **collaboration**, and to expand the Council's capacity for **integrating** and **synthesizing research results**.

In 2005, the Population Council lost one of its most ardent champions, Chairman of the Board **Rodney B. Wagner**, who died last March. In dedicating this report to him, the trustees and staff honor his commitment to the betterment of humankind.

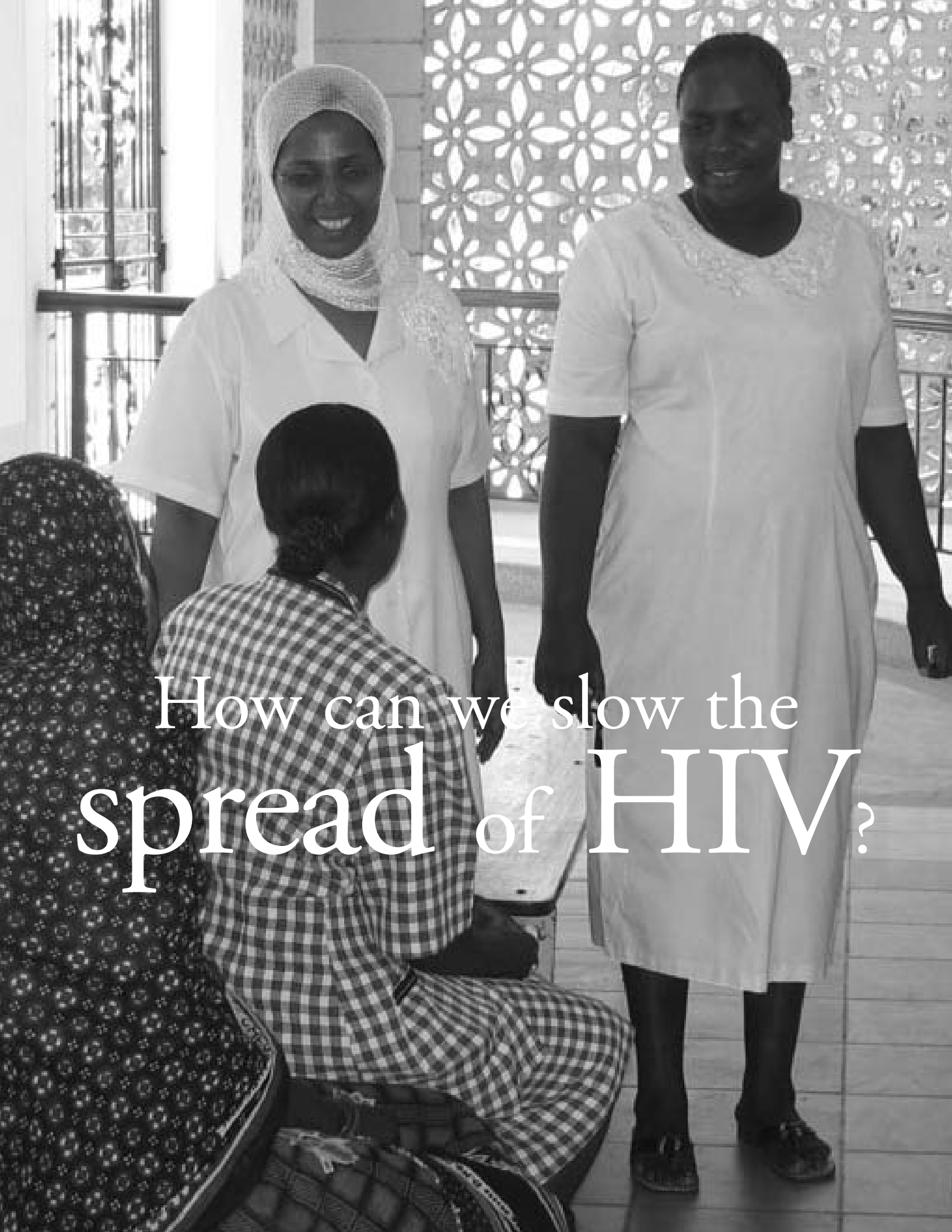
There were also important changes in the Council's leadership and Board of Trustees in 2005. I was proud to be named president in January 2005. Anrudh K. Jain was named vice president of the International Programs Division. Mark A. Walker, managing partner of the international law firm of Cleary, Gottlieb, Steen & Hamilton, was elected chairman of our Board of Trustees, and Angel Gurria and Elizabeth J. McCormack were named vice chairs. Darcy Bradbury, Jotham Musinguzi, and Amartya Sen were elected trustees. All of our trustees share a deep commitment to the Council's mission, and their expertise will be a vital resource as we begin implementing our ambitious plans.

With a renewed focus, new leadership, and the continuing encouragement of our donors and partners, the Council will build on its decades-long record of providing the evidence to improve policies, to increase the coverage and **enhance the quality of population and health programs**, to **develop reproductive health products**, and to **build the capacity of developing-country research and service organizations**.

Highlights of the past year's work are described in the following pages, as well as on our Web site (www.popcouncil.org), where we invite you to learn more about our activities and their impact. We appreciate your interest and look forward to reporting our accomplishments.



Peter J. Donaldson
President



How can we slow the
spread of HIV?

By the time you finish reading this page, sixteen people will have become infected with HIV and ten people will have died from AIDS. One-third of people

living with HIV are women from sub-Saharan Africa. Comprehensive efforts that focus on both prevention and treatment could avert more than half of new infections. To address this challenge, the Population Council is conducting research to encourage a renewed commitment to improving HIV-prevention strategies.

There is an urgent need for initiatives that enhance women's ability to determine when they have sex, with whom, and under what circumstances, and for products that women can use to help prevent HIV transmission.

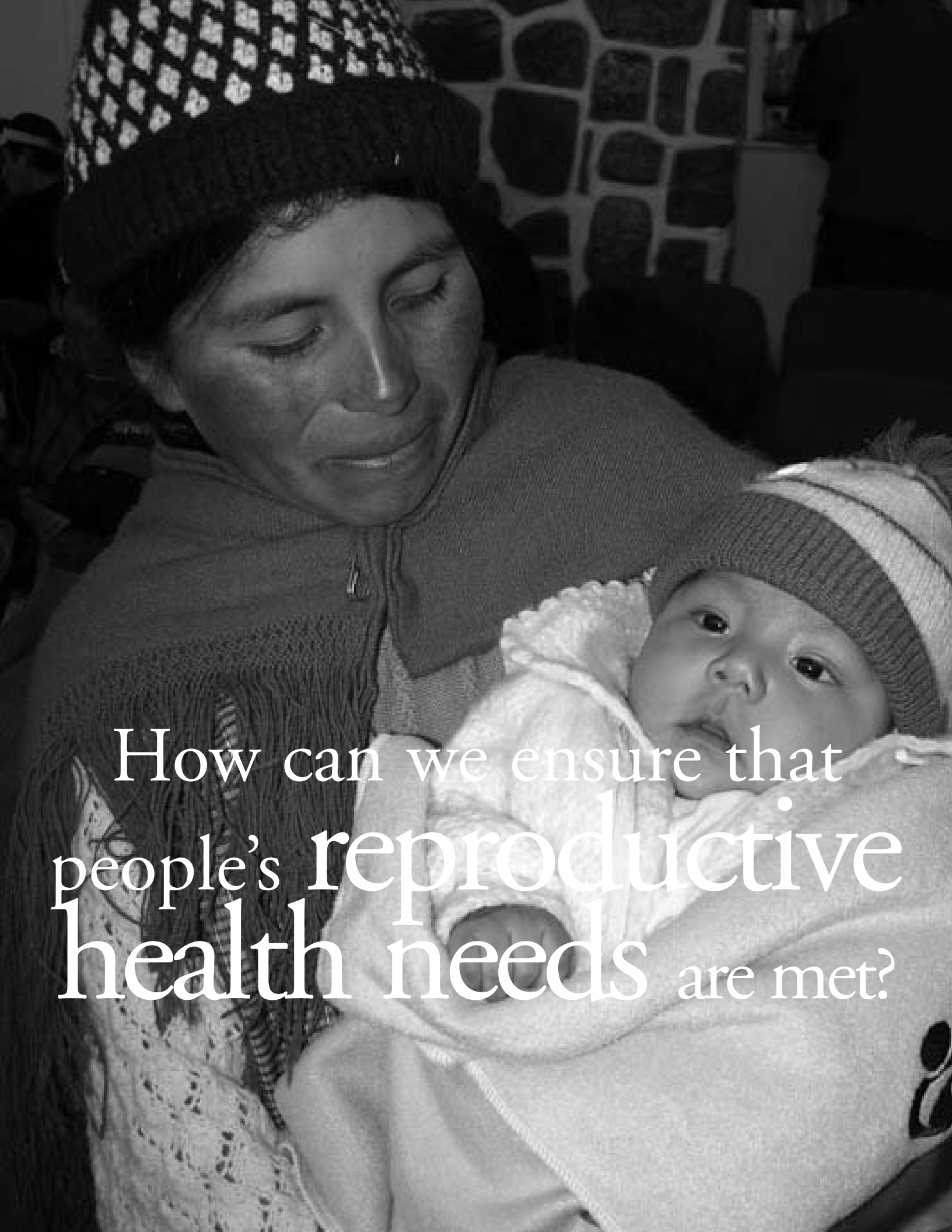
In South Africa, which has a particularly high incidence of HIV infection, the Council is conducting a large-scale efficacy trial of our microbicide, Carraguard®. A microbicide is a product, in this case a gel, that would substantially reduce the transmission of HIV—and possibly other sexually transmitted infections (STIs)—when applied before sex. If proven

effective, it would offer a powerful new prevention tool in the fight against HIV. Our studies of the basic mechanisms by which HIV is transmitted sexually may lead to the development of vaccines and improved microbicides.

We are working to identify and reduce the vulnerabilities of women and others at high risk for HIV infection, including child brides, men who have sex with men, and sex workers. These at-risk populations are difficult to reach through conventional health programs, so the Council is helping to develop appropriate interventions to meet their health needs. For example, to better understand their HIV risks and prevention needs, we surveyed men who have sex with men in Nairobi, Kenya. We asked them about stigma, health-seeking behavior, sexual behavior, condom use, STI symptoms, and HIV testing. In the Dominican Republic, we tested interventions among sex workers to increase condom use and assess the efficacy of the diaphragm in preventing the transmission of STIs.

Gender inequality is a major reason why HIV prevalence is increasing much faster among women than men. In Brazil, India, and Tanzania we are testing the feasibility and effect of interventions that encourage men to examine detrimental social norms—such as having multiple sex partners and believing that risky sex is more enjoyable than safer sex—that put them and their partners at risk.

(left) Nurses speak with two patients at the Mkomani BOMU clinic in Mombasa, Kenya, a study site that offers HIV treatment. The study is examining the impact of antiretroviral therapy on sexual behavior. (Photo: Avina Sarma)



How can we ensure that
people's reproductive
health needs are met?

Poor reproductive health has a devastating impact on the lives of individuals and families.

Women unable to space or limit births as they desire often face added risks of **poverty** and **poor health**. Each year, 19 million unintended pregnancies end in clandestine, **unsafe abortions**. **Sexually transmitted infections** (STIs) are a major cause of severe illness, infertility, long-term disability, and death. Globally, new cases of syphilis, gonorrhea, chlamydia, and trichomoniasis number 340 million each year, and many additional millions of viral STIs occur annually, including an estimated 5 million HIV infections.

The Population Council is investigating a number of strategies to contend with global reproductive health challenges. One possible strategy is **integrating reproductive health services** (such as the detection of reproductive tract infections) **with other health services**, including family planning and HIV prevention and treatment services. Women are more likely to seek antenatal care than other care for themselves, because most societies and families highly value infants' health; thus, antenatal care may be an ideal opportunity for introducing additional services.

We are testing the integration of services in Ghana, Kenya, South Africa, and elsewhere, assessing services that include counseling, diagnosis, and

management for HIV and other STIs, as well as the detection of tuberculosis and malaria, both of which complicate pregnancy.

We are also exploring a role for new and existing **technologies** in **preventing, detecting, and treating bacterial STIs**. In Bolivia and South Africa, for example, we are evaluating the introduction of a rapid syphilis test into antenatal care services, to diagnose maternal syphilis and prevent congenital syphilis. Such rapid diagnostics greatly facilitate prenatal syphilis screening, particularly in remote areas where laboratories lack the resources for traditional syphilis testing. In Brazil and South Africa, we are evaluating the use of self- and home-sampling to reduce barriers to diagnosing cervical and vaginal infections in women, and thus increase diagnosis and treatment.

Complications from incomplete miscarriage and unsafe abortion are major public health problems even where abortion is legal. We collaborate with many organizations around the world to **improve postabortion care**, including demonstrating the importance of incorporating family planning and reproductive health care into treatment and fostering community support for preserving health.

Through these and many other studies, we develop sound evidence that **shapes policies, programs, and services** and improves reproductive health for women and their families.

(left) A woman who received prenatal care and rapid syphilis testing as part of a Population Council intervention in Bolivia holds her healthy newborn.
(Photo: Freddy Tinajeros)



How can we help women
avoid unintended
pregnancy?

Globally, more than one-quarter of pregnancies are unintended. The effectiveness of condoms, diaphragms, and the pill depends on their correct and consistent use. By contrast, the effectiveness of long-acting reversible contraceptives, such as intra-uterine devices, does not depend on daily attention. Use of long-acting family planning methods gives women better control over their fertility, reducing unintended pregnancy.

There may never be a contraceptive that is ideally suited to all the changing circumstances of women's lives. An important part of the Population Council's work is to **expand contraceptive choice** by developing new methods. In 2005, we enrolled the first group of women in a large Phase 3 safety and efficacy trial of a new contraceptive: a **vaginal ring**. The ring lasts for one year and does not require daily attention. It is fully under the woman's control and its use can be discontinued at any time.

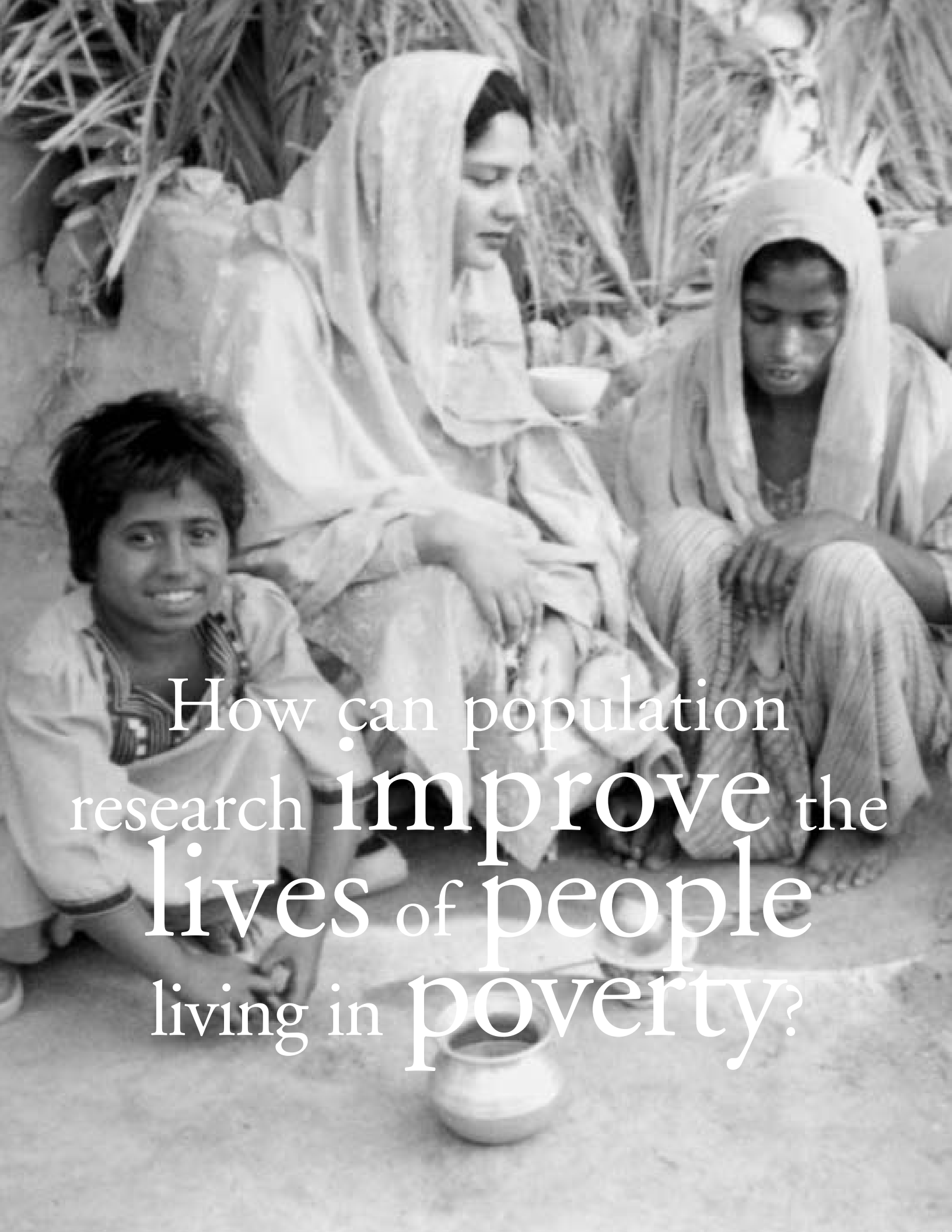
The ring, made of flexible silicone rubber, prevents ovulation by continuously releasing low doses of progestin and estrogen into vaginal tissue and then the

bloodstream. The progestin used in the ring, known as Nestorone[®], is less likely to produce side effects, such as acne, weight gain, and altered cholesterol levels, that are common with other progestins. Earlier studies indicated that the **ring is very effective in blocking ovulation and preventing pregnancy**. It is intended to be worn for three weeks each month and removed for one week to permit menstrual bleeding.

The first 39 women enrolled in the Phase 3 trial—taking place in Chile, the Dominican Republic, and Los Angeles—are participating in a study of the absorption, metabolism, and excretion of the hormones in the ring. In 2006, the trial will be expanded to include 20 or more locations in Latin America, Europe, Australia, and the United States. It will eventually enroll at least 2,000 women.

In addition to the contraceptive vaginal ring, we are developing other **family planning products** to expand choices **for women and men**. For women, we have either on the drawing board or under active development hormonal and nonhormonal products, including contraceptive microbicides, intrauterine delivery systems, and transdermal systems. For men, we are developing hormonal subdermal implants and transdermal systems as well as nonhormonal methods.

(left) Population Council pharmaceutical scientist Bruce Variano examines a contraceptive vaginal ring. (Photo: Karen Tweedy-Holmes)



How can population
research **improve** the
lives of people
living in **poverty**?

More than 1 billion people currently live on less than \$1 a day, the definition of extreme poverty. These people cannot afford nutritious food, clean water, shelter, or basic health care. They generally lack education and a voice in civic and legal affairs; they are vulnerable to coercion and threats of violence from a variety of sources. In 2000, the international community agreed to eight **Millennium Development Goals**, the first of which is to **eradicate extreme poverty and hunger**. This includes halving the proportion of people living on less than \$1 a day by the year 2015. Meeting this goal is key to achieving all other Millennium Development Goals.

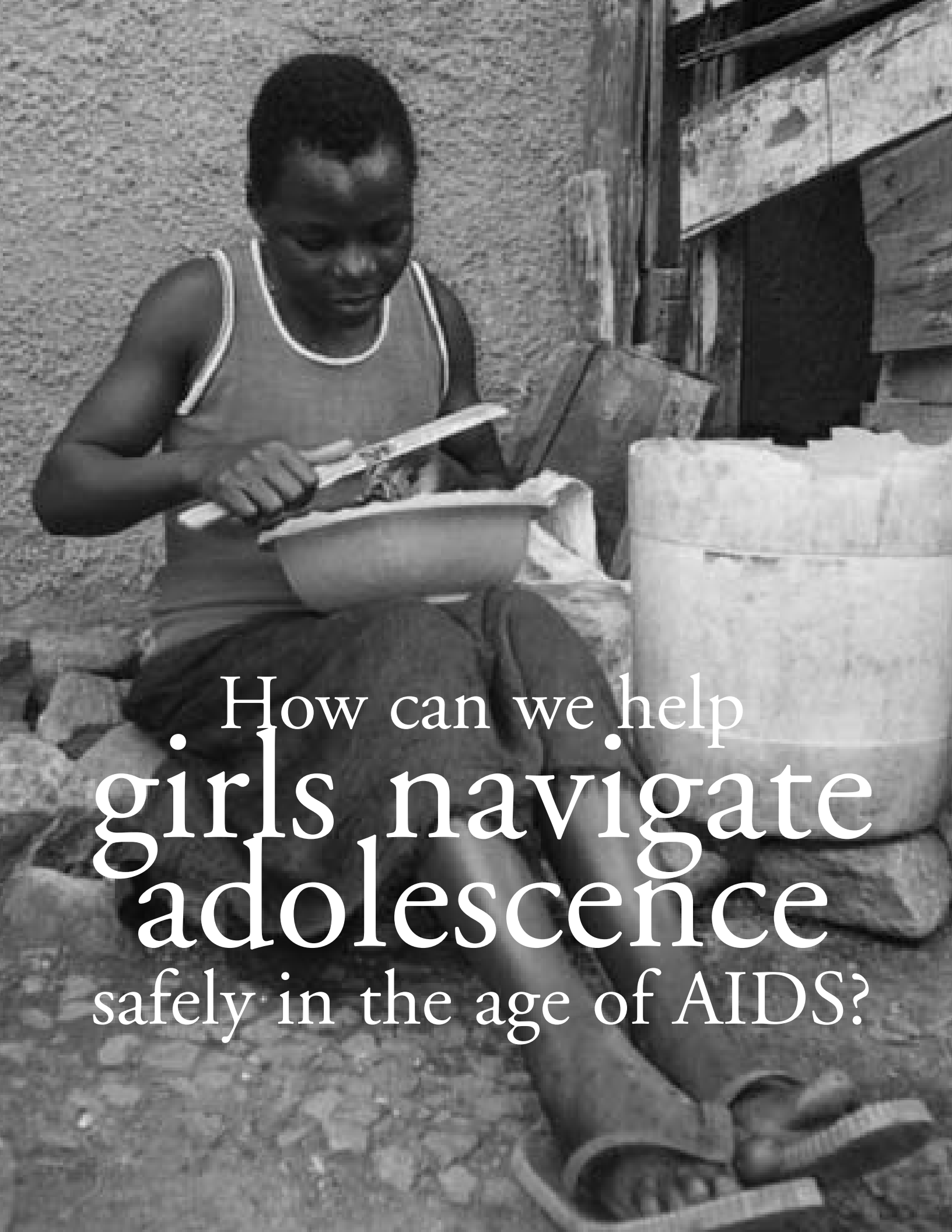
More than fifty years ago, the Population Council was founded with the intention of **improving the lives of the poorest people** through research on ways to improve the quality and increase the coverage of reproductive and other health services. Over the past decades we have focused on achieving this goal through research on reproductive health, family planning, and HIV. More recently, we have conducted investigations of the factors that increase

the vulnerability of poor people to HIV infection, the differences and similarities between **urban and rural poverty**, and poverty's impact on the elderly. Council research on a community-based program in rural Ghana has shown that fertility and childhood mortality can be significantly reduced even in impoverished settings.

Education has long been seen as one of the most powerful tools **for reducing poverty and hunger**. Much of our work on poverty has focused on young people and schooling. Recent research showed that in rural Pakistan household economic setbacks have a profound effect on school dropout rates. For example, the likelihood that a girl will drop out of public primary school increases significantly if her mother experiences an unwanted birth. And the likelihood that a boy will drop out increases significantly if there is a decrease in the amount of money received from family members working away from home. We have also examined the intersection between poverty and schooling in Bangladesh, Egypt, Guatemala, India, South Africa, and Vietnam.

Our **findings illuminate the causes and consequences of poverty** and **inform policymaking** and the **design of programs** to help the most vulnerable people. In the coming years, we will expand our research and intensify our participation in the international conversation about poverty.

(left) Economic setbacks can have a profound effect on whether children in Pakistan remain enrolled in school. (Photo: ©2000 Abdul Rashid Memon/Population Council, courtesy of Photoshare)



How can we help
girls navigate
adolescence
safely in the age of AIDS?

In the face of the HIV epidemic, it is especially important that adolescent girls develop the skills and have the opportunities they need

to make safe, productive, and healthy transitions through the second decade of life. Girls need schooling, mentors, healthy habits, financial literacy, livelihoods, and knowledge of their rights.

Population Council research has shown that some of the world's most vulnerable young people—**adolescent girls in sub-Saharan Africa**—are rarely reached by programs seeking to inform them of ways to **prevent HIV infection**. This is largely because the girls most at risk are not in school, do not live with both parents because of migration or orphanhood, shoulder heavy domestic burdens that limit their leisure time, lack economic resources, and often feel unsafe moving around their communities.

In KwaZulu-Natal, South Africa, which has one of the world's highest rates of HIV infection, our studies have shown that **girls who are poor** have an increased risk of experiencing **nonconsensual sex** and **having multiple sex partners**.

Similarly, in the slums of Nairobi, Kenya, where HIV prevalence is high, 45 percent of sexually experienced girls report that their first sexual encounter occurred when the boy or man would not take “no” for an answer.

In rural Amhara, Ethiopia, where marriage before age 15 is common, our research has shown that the experience of **early marriage is socially isolating** and emotionally and sexually traumatic for most girls. Among sexually initiated married girls, 69 percent first had sexual intercourse before they started menstruating. We are collaborating with Ethiopia's Ministry of Youth, the United Nations Population Fund, and others to design and test a program to help unmarried girls stay in or enter school. Our research in sub-Saharan Africa shows that children who remain in school are significantly less likely to be married young or have unprotected sex than those who are not enrolled.

The most vulnerable girls need support before they leave school and before they face economic pressures that **drive them to marry early** or to **exchange sex for gifts or money**. Unless we succeed in providing that support, young girls in sub-Saharan Africa will continue to carry the burden of a rising and disproportionate share of HIV infection in the decades to come.

(left) Adolescent girls in Kenya experience many reproductive health problems, including a high risk of HIV infection. The Population Council is conducting research in Kenya and other sub-Saharan African countries to discover the best ways to help girls navigate adolescence safely. (Photo: © 2003 RUINET, Courtesy of Photoshare)



2005 highlights

Population Council staff members worked on more projects than can be described in this report. The following page highlights additional research and programs carried out in 2005. Enter the Web site addresses listed after the descriptions or visit www.popcouncil.org to learn more about these and other projects.

HIV and AIDS

Immune system cells inadvertently facilitate HIV infection. New research on this process may lead to an HIV **vaccine** or **microbicide**.

www.popcouncil.org/projects/BIO_Microb1.html
www.popcouncil.org/biomed/transmission.html

The Council has played a lead role in developing **ethical guidelines** for conducting research on children affected by HIV and AIDS.

[www.popcouncil.org/publications/popbriefs/pb12\(1\)_4.html](http://www.popcouncil.org/publications/popbriefs/pb12(1)_4.html)

In KwaZulu-Natal, South Africa, **poverty** and **orphanhood** are associated with higher HIV and pregnancy risk behaviors. This finding has inspired an innovative program to provide asset-building and HIV-protection strategies to vulnerable young people residing in poor HIV-affected communities.

www.popcouncil.org/projects/TA_SouthAfGenderHIV.html

In Kenya, the Council and its partners have created a manual for **training health care workers** in improving patient compliance with HIV antiretroviral therapy.

[www.popcouncil.org/publications/popbriefs/pb11\(2\)_2.html](http://www.popcouncil.org/publications/popbriefs/pb11(2)_2.html)

Reproductive health

Council research has illuminated the benefits and limitations of reproductive health and **livelihoods programs** among adolescent girls. These findings will help in the design of more effective programs.

www.popcouncil.org/pdfs/TABriefs/GFD_Brief-2_LIVELIHOODS.pdf

Providing family planning services as part of **postabortion care** results in higher contraceptive use, reduced repeat abortions, and savings to clients and programs.

www.popcouncil.org/pdfs/frontiers/MAQ/tb22pac.pdf

In the Dominican Republic, the Council is studying the use of the latex diaphragm to reduce bacterial **STIs** among high-risk populations. Many STIs are transmitted at the cervix; the diaphragm covers the cervix.

www.popcouncil.org/rh/sti1.html

Genetic abnormalities that affect sperm production may cause some forms of **male infertility**. This finding may lay the groundwork for a reversible male contraceptive.

[www.popcouncil.org/publications/popbriefs/pb11\(2\)_4.html](http://www.popcouncil.org/publications/popbriefs/pb11(2)_4.html)
[www.popcouncil.org/publications/popbriefs/pb12\(1\)_5.html](http://www.popcouncil.org/publications/popbriefs/pb12(1)_5.html)

Population Council research revealed that the average Pakistani woman will experience one abortion in her lifetime. Family planning services need to address obstacles that prevent couples from practicing **effective contraception**.

[www.popcouncil.org/publications/popbriefs/pb11\(2\)_5.html](http://www.popcouncil.org/publications/popbriefs/pb11(2)_5.html)

Computerized self-interviewing appears to provide more accurate reporting of risky sexual behaviors than traditional face-to-face interviews.

www.popcouncil.org/publications/momentum/momentum1205_8.html
www.popcouncil.org/projects/SS_AssessSexBehav.html

Council researchers have identified traditional practices in Pakistan that might cause **maternal infection** or exacerbate bleeding during childbirth and recovery, as well as practices that may harm the baby.

[www.popcouncil.org/publications/popbriefs/pb11\(1\)_4.html](http://www.popcouncil.org/publications/popbriefs/pb11(1)_4.html)

Poverty, gender, and youth

Community mobilization and community health services can **reduce maternal and childhood mortality**, according to research done by the Council and the Navrongo Health Research Centre in Ghana.

www.popcouncil.org/projects/SS_GhanaNavrongoCHFP.html

Research conducted by the Council and others in Kenya has shown that the most vulnerable young women may benefit from programs that provide both **social support and a safe, accessible place** to save money.

www.popcouncil.org/pdfs/seeds/SEEDS23.pdf

Population Council findings on age differences between spouses have been used to develop a program to **delay marriage** and support married girls in Nigeria.

www.popcouncil.org/projects/TA_NigeriaChildMarriage.html

Urban residence may not automatically confer major health benefits. Council studies have shown that the **urban poor** have much **less access to adequate** water supplies, sanitation, and electricity than the urban nonpoor.

www.popcouncil.org/projects/SS_measureurbanpov.html

Physical abuse is common during pregnancy in Nepal and Pakistan. Council findings provide an empirical basis for developing interventions to reduce violence.

[www.popcouncil.org/publications/popbriefs/pb11\(3\)_1.html](http://www.popcouncil.org/publications/popbriefs/pb11(3)_1.html)

The growing percentage of **adolescents attending school** has contributed to increases in the age of sexual initiation in Africa.

[www.popcouncil.org/publications/popbriefs/pb11\(2\)_1.html](http://www.popcouncil.org/publications/popbriefs/pb11(2)_1.html)

PUBLICATIONS

The Population Council publishes two scholarly, peer-reviewed journals, *Population and Development Review* and *Studies in Family Planning*. Staff members also publish their work in a wide range of external outlets, including other peer-reviewed journals. The Council's Web site—www.popcouncil.org—contains selected publications in HTML and PDF formats and lists hundreds of articles and other publications by staff members. The following list of publications is organized by research area. Authors whose names appear in boldface are Council staff members, consultants, fellows, or colleagues seconded from partner organizations.

BIOMEDICINE

- Cheng, Chuen-yan, Dolores D. Mruk**, Bruno Silvestrini, **Michelle Bonanomi, Ching-hang Wong, Michelle K.Y. Siu, Nikki P.Y. Lee, Wing-Yee Lui**, and Meng-Yun Mo. "AF-2364 [1-(2,4-dichlorobenzyl)-1H-indazole-3-carboxy-drazide] is a potential male contraceptive: A review of recent data," *Contraception* 72(4): 251–261.
- Falender, Allison E., Richard N. Freiman, Kenneth G. Geles, Kirk C. Lo, **Keumsil Hwang**, Dolores J. Lamb, **Patricia L. Morris**, Robert Tijan, and JoAnne S. Richards. "Maintenance of spermatogenesis requires TAF4b, a gonad-specific subunit of TFIID," *Genes and Development* 19(7): 794–803.
- Fraser, Ian S., Edith Weisberg, Vivian Brache, Francisco Alvarez, Rebeca Massai, Daniel R. Mishell, Jr., Dan Apter, Judi Gale, **Yun-yen Tsong**, and **Irving Sivin**. "Serum Nestorone® and ethinyl estradiol levels, and ovulation inhibition in women using three different dosage combinations of a Nestorone progestogen-ethinyl estradiol contraceptive vaginal ring on a bleeding-signaled regimen," *Contraception* 72(1): 40–45.
- Ge, Renshan S., Qiang Dong, Enmei Niu, Chantal M. Sottas, Dianne O. Hardy, James F. Catterall**, Syed A. Latif, David J. Morris, and **Matthew P. Hardy**. "11 β -hydroxysteroid dehydrogenase 2 in rat Leydig cells: Its role in blunting glucocorticoid action at physiological levels of substrate," *Endocrinology* 146(6): 2657–2664.
- Ge, Renshan S., Qiang Dong, Chantal M. Sottas**, HaoLin Chen, Barry R. Zirkin, and **Matthew P. Hardy**. "Gene expression in rat Leydig cells during development from the progenitor to adult stage: A cluster analysis," *Biology of Reproduction* 72(6): 1405–1415.
- Hardy, Matthew P., Hui-Bao Gao, Qiang Dong, Renshan Ge**, Qian Wang, Wei Ran Chai, Xing Feng, and **Chantal Sottas**. "Stress hormone and male reproductive function," *Cell and Tissue Research* 322(1): 147–153.
- Ishikawa, Tomomoto, Keumsil Hwang, Deborah Lazzarino**, and **Patricia L. Morris**. "Sertoli cell expression of steroidogenic acute regulatory protein-related lipid transfer 1 and 5 domain-containing proteins and sterol regulatory element binding protein-1 are interleukin-1 β regulated by activation of c-Jun N-terminal kinase and cyclooxygenase-2 and cytokine induction," *Endocrinology* 146(12): 5100–5111.
- Kissel, Holger, Maria-Magdalena Georgescu, Sarit Larisch, Katia Manova, and **Gary R. Hunnicutt**. "The *Sept4* septin locus is required for sperm terminal differentiation in mice," *Developmental Cell* 8(3): 353–364.
- Lee, Nikki P.Y.** and **C. Yan Cheng**. "Protein kinases and adherens junction dynamics in the seminiferous epithelium of the rat testis," *Journal of Cellular Physiology* 202(2): 344–360.
- Lee, Nikki P.Y., Dolores D. Mruk, Ching-hang Wong**, and **Chuen-yan Cheng**. "Regulation of Sertoli-germ cell adherens junction dynamics in the testis via the nitric oxide synthase (NOS)/cGMP/protein kinase G (PRKG)/ β -catenin (CATNB) signaling pathway: An *in vitro* and *in vivo* study," *Biology of Reproduction* 73(3): 458–471.
- Lui, Wing Yee, Yan H. Cheng, Dolores D. Mruk**, Chin H. Cheng, Meng Y. Mo, Will M. Lee, and **C. Yan Cheng**. " α_2 -macroglobulin expression in the liver in response to inflammation is mediated by the testis," *Journal of Endocrinology* 185(3): 497–505.
- Lui, Wing-Yee, Dolores D. Mruk**, and **C. Yan Cheng**. "Interactions among IQGAP1, Cdc42, and the cadherin/catenin protein complex regulate Sertoli-germ cell adherens junction dynamics in the testis," *Journal of Cellular Physiology* 202(1): 49–66.
- Mukai, Motoko, **Qiang Dong, Matthew P. Hardy**, Hiroaki Kiyokawa, Richard E. Peterson, and Paul S. Cooke. "Altered prostatic epithelial proliferation and apoptosis, prostatic development and serum testosterone in mice lacking cyclin-dependent kinase inhibitors," *Biology of Reproduction* 73(5): 951–958.
- Peretti, Silvia**, James Blanchard, Rudolf Bohn, **Gavin Morrow**, Jeffrey D. Lifson, Aagegnehu Gettie, and **Melissa Pope**. "Immunomodulatory effects of HSV-2 infection on immature macaque dendritic cells modify innate and adaptive responses," *Blood* 106(4): 1305–1313.
- Sitruk-Ware, Régine**. "Delivery options for contraceptives," *Drug Discovery Today* 10(14): 977–985.
- . "Estrogen and progestogens: Different routes of administration" (editorial), *Climateric* 8(suppl 1): 1–2.
- . "Pharmacology of different progestogens: The special case of drospirenone," *Climateric* 8(suppl 3): 4–12.
- . "Vaginal delivery of contraceptives," *Expert Opinion on Drug Delivery* 2(4): 729–736.
- Sitruk-Ware, Régine** and Pirjo Inki. "The levonorgestrel intrauterine system: Long-term contraception and therapeutic effects," *Women's Health* 1(2): 171–182.
- Siu, Michelle K.Y., Ching-hang Wong**, Will M. Lee, and **C. Yan Cheng**. "Sertoli-germ cell anchoring junction dynamics in the testis are regulated by an interplay of lipid and protein kinases," *Journal of Biological Chemistry* 280(26): 25029–25047.
- Sivin, Irving**, Daniel R. Mishell, Jr., Francisco Alvarez, Vivian Brache, Kaisa Elomaa, **Pekka Lähteenmäki**, Rebeca Massai, Patricia Miranda, Horacio Croxatto, Catherine Dean, Margaret Small, **Harold Nash**, and Theodore M. Jackanicz. "Contraceptive vaginal rings releasing Nestorone® and ethinylestradiol: A 1-year dose-finding trial," *Contraception* 71(2): 122–129.
- Sprague, Wendy S., **Melissa Pope**, and Edward A. Hoover. "Culture and comparison of feline myeloid dendritic cells vs macrophages," *Journal of Comparative Pathology* 133(2–3): 136–145.
- Vargas, Louis A., **Richard Sewell, Aileen Marshall**, Josephine Galatioto, **Yun-yen Tsong, James F. Catterall**, and **Gary R. Hunnicutt**. "Immune complex deposition in adult male Sprague-Dawley rats chronically immunized with GnRH," *American Journal of Reproductive Immunology* 54(5): 292–310.
- Venken, Katrien, Steven Boonen, Erik Van Herck, Liesbeth Vandenput, **Narender Kumar, Régine Sitruk-Ware, Kalyan Sundaram**, Roger Bouillon, and Dirk Vanderschueren. "Bone and muscle protective potential of the prostate-sparing synthetic androgen 7 α -methyl-19-nortestosterone: Evidence from the aged orchidectomized male rat model," *Bone* 36(4): 663–670.
- Vigodner, Margarita and **Patricia L. Morris**. "Testicular expression of small ubiquitin-related modifier-1 (SUMO-1) supports multiple roles in spermatogenesis: Silencing of sex chromosomes in spermatocytes, spermatid microtubule nucleation, and nuclear reshaping," *Developmental Biology* 282(2): 480–492.
- Weisberg, Edith, Vivian Brache, Francisco Alvarez, Rebeca Massai, Daniel R. Mishell, Jr., Dan Apter, Judi Gale, **Irving Sivin, Yun-yen Tsong**, and Ian S. Fraser. "Clinical performance and menstrual bleeding patterns with three dosage combinations of a Nestorone® progestogen/ethinyl estradiol contraceptive vaginal ring used on a bleeding-signaled regimen," *Contraception* 72(1): 46–52.
- Weissman, Ben-Avi, **Enmei Niu, Renshan S. Ge, Chantal M. Sottas, Michael Holmes**, James C. Hutson, and **Matthew P. Hardy**. "Paracrine modulation of androgen synthesis in rat Leydig cells by nitric oxide," *Journal of Andrology* 26(3): 369–378.
- Wong, Ching-hang and Chuen-yan Cheng**. "Mitogen-activated protein kinases, adherens junction dynamics, and spermatogenesis: A review of recent data," *Developmental Biology* 286(1): 1–15.
- Wong, Ching-hang, Dolores D. Mruk, Michelle K.Y. Siu**, and **C. Yan Cheng**. "Blood-testis barrier dynamics are regulated by α_2 -macroglobulin via the c-Jun N-terminal protein kinase pathway," *Endocrinology* 146(4): 1893–1908.
- Wong, Ching-hang, Weiliang Xia, Nikki P.Y. Lee, Dolores D. Mruk**, Will M. Lee, and **C. Yan Cheng**. "Regulation of ectoplasmic specialization dynamics in the seminiferous epithelium by focal adhesion-associated proteins in testosterone-suppressed rat testes," *Endocrinology* 146(3): 1192–1204.
- Xia, Weiliang and C. Yan Cheng**. "TGF-DF3 regulates anchoring junction dynamics in the seminiferous epithelium of the rat testis via the Ras/ERK signaling pathway: An *in vivo* study," *Developmental Biology* 280(2): 321–343.
- Xia, Weiliang, Dolores D. Mruk**, Will M. Lee, and **Chuen-yan Cheng**. "Cytokines and junction restructuring during spermatogenesis: A lesson to learn from the testis," *Cytokine and Growth Factor Reviews* 16(4–5): 469–493.
- Xia, Weiliang, Ching-hang Wong, Nikki P.Y. Lee**, Will M. Lee, and **Chuen-yan Cheng**. "Disruption of Sertoli-germ cell adhesion function in the seminiferous epithelium of the rat testis can be limited to adherens junctions without affecting the blood-testis barrier integrity: An *in vivo* study using an androgen suppression model," *Journal of Cellular Physiology* 205(1): 141–157.

Xu, Qin, Shigeki Takekida, Noriyo Ohara, Wei Chen, **Régine Sitruk-Ware, Elof D.B. Johansson**, and Takeshi Maruo. "Progesterone receptor modulator CDB-2914 down-regulates proliferative cell nuclear antigen-3 and Bcl-2 protein expression and up-regulates caspase-3 and poly(adenosine 5'-diphosphate-ribose) polymerase expression in cultured human uterine leiomyoma cells," *Journal of Clinical Endocrinology and Metabolism* 90(2): 953–961.

Yan, Helen H.N. and **Chuen-yan Cheng**. "Blood–testis barrier dynamics are regulated by an engagement/disengagement mechanism between tight and adherens junctions via peripheral adaptors," *Proceedings of the National Academy of Sciences* 102(33): 11722–11727.

Zhang, Jiayi, Dolores D. Mruk, and C. Yan Cheng. "Myotubularin phosphoinositide phosphatases, protein phosphatases, and kinases: Their roles in junction dynamics and spermatogenesis," *Journal of Cellular Physiology* 204(2): 470–483.

Zhang, Jiayi, Ching-hang Wong, Weiliang Xia, Dolores D. Mruk, Nikki P. Y. Lee, Will M. Lee, and C. Yan Cheng. "Regulation of Sertoli–germ cell adherens junction dynamics via changes in protein–protein interactions of the *N*-cadherin– β -catenin protein complex which are possibly mediated by c-Src and myotubularin-related protein 2: An *in vivo* study using an androgen suppression model," *Endocrinology* 146(3): 1268–1284.

GENDER AND FAMILY DYNAMICS

Chege, Jane. "Interventions linking gender relations and violence with reproductive health and HIV: Rationale, effectiveness and gaps," *Agenda: Special Focus on Gender, Culture and Rights* (special issue): 114–123.

Erulkar, Annabel and Erica Chong. "Evaluation of a savings & micro-credit program for vulnerable young women in Nairobi." Nairobi: Population Council.

Fikree, Fariyal, Junaid Razzak, and Jill Durocher. "Attitudes of Pakistani men to domestic violence: A study from Karachi, Pakistan," *Journal of Men's Health and Gender* 2(1): 49–58.

Ghuman, Sharon, Helen J. Lee, and Herbert L. Smith. "Measurement of women's autonomy according to women and their husbands: Results from five Asian countries," *Social Science Research* 35(1): 1–28.

Hallman, Kelly, Agnes Quisumbing, Marie Ruel, and Bénédicte de la Brière. "Mothers' work and child care: Findings from the urban slums of Guatemala," *Economic Development and Cultural Change* 53(4): 855–886.

Noumbissi, Amadou, **Ayaga A. Bawah**, and Tukufu Zuberi. "Parental survival and residential patterns in South Africa," in Tukufu Zuberi, Amson Sibanda, and Eric Udjo (eds.), *The Demography of South Africa*. New York: Sharpe Publications, pp. 160–180.

Pradeep, Panda and Bina Agarwal. "Marital violence, human development and women's property status in India," *World Development* 33(5): 823–850.

Rogow, Deborah and **Nicole Haberland**. "Sexuality and relationships education: Toward a social studies approach," *Sex Education* 5(4): 333–344.

Ruiz, Marta Julia, Luisa M. Mazariegos, María Baños Smith, Jennifer Catino, and Guillermina Herrera. "Entendiendo y respondiendo a la violencia doméstica en comunidades indígenas de Guatemala" [Understanding and responding to domestic violence in indigenous communities in Guatemala]. Guatemala City: Population Council.

Salem, Rania. "Sibling configuration: Impact on educational and health outcomes of adolescents in Egypt," *West Asia and North Africa Working Paper*. Cairo: Population Council.

Verma, Ravi, Julie Pulerwitz, Vaishali Sharma Mahendra, Sujata Khandekar, and Gary Barker. "Promoting gender equity among young men: Positive experiences of the *Yari-dosti* project in India," *Sexual Health Exchange* 2005(2): 5–6. Amsterdam: Royal Tropical Institute.

Yonder, Ayse, Sengul Akcar, and Prema Gopalan. "Women's participation in disaster relief and recovery," *SEEDS* no. 22. New York: Population Council.

HIV/AIDS

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

Baiden, Frank, Rita Baiden, John Williams, Patricia Akweongo, Christine Clerk, Cornelius Debuur, **James F. Phillips**, and Abraham Hodgson. "Review of antenatal-linked voluntary counseling and HIV testing in sub-Saharan Africa: Lessons and options for Ghana," *Ghana Medical Journal* 39(1): 8–13.

Braunstein, Sarah and Janneke van de Wijgert. "Preferences and practices related to vaginal lubrication: Implications for microbicide acceptability and clinical testing," *Journal of Women's Health* 14(5): 424–433.

Brown, Lianne, Tonya Thurman, and Leslie Snider. "Strengthening the psychosocial well-being of youth-headed households in Rwanda: Baseline findings from an intervention trial," *Horizons Research Update*. Washington, DC: Population Council.

Cooper, Diane, **Hillary Bracken**, Landon Myer, Virginia Zweigenthal, Jane Harries, Phyllis Orner, Nontuthuzelo Manjezi, and Pumeza Ngubane. "Reproductive intentions and choices among HIV-infected individuals in Cape Town, South Africa: Lessons for reproductive policy and service provision from a qualitative study," *Policy Brief*. Cape Town: Women's Health Research Unit, University of Cape Town, and Population Council.

Duerr, Ann, Stephen Hurst, Athena Kourtis, **Naomi Rutenberg**, and Denise J. Jamieson. "Integrating family planning and prevention of mother-to-child HIV transmission in resource-limited settings," *Lancet* 366(9481): 261–263.

Galvão, Loren, Laurione C. Oliveira, **Juan Díaz**, Dhong jin Kim, Nádia Marchi, **Johannes van Dam**, Roger F. Castilho, Michael Chen, and Maurizio Macaluso. "Effectiveness of female and male condoms in preventing exposure to semen during vaginal intercourse: A randomized trial," *Contraception* 71(2): 130–136.

Homan, Rick and **Catherine Searle**. "Exploring the role of family caregivers and home-based care programs in meeting the needs of people living with HIV/AIDS in South Africa," *Horizons Research Update*. Washington, DC: Population Council.

———. "Programmatic implications of a cost study of home-based care programs in South Africa," *Horizons Research Update*. Washington, DC: Population Council.

Horizons Program and University of Cape Town. "Paediatric ARV roll-out in South Africa: Report on a consultative workshop, 21 January 2005, Johannesburg, South Africa," *Horizons Workshop Report*. Washington, DC: Population Council.

Horizons Program and University of Cape Town Faculty of Health Sciences. "Exploring current practices in paediatric antiretroviral roll-out and integration with early childhood programmes in South Africa: A rapid situational analysis," *Horizons Research Update*. Washington, DC: Population Council.

Juma, Milka, Margaret Mwaniki, and Charity Muturi. "Evaluating the Kenya Girl Guides Association's HIV/AIDS peer education program for younger youth: Baseline results." Nairobi: Population Council.

Kaai, Susan, Carolyn Baek, Scott Geibel, Peter McOdida, Benson Ulo, Grace Muthumbi, Carol Matiko, and Naomi Rutenberg. "HIV serostatus and infant feeding counseling and practice: Findings from a baseline study among the urban poor in Kenya," *Horizons Research Update*. Washington, DC: Population Council.

Kaai, Susan, Avina Sarna, Johannes van Dam, and Mark Hawken. "Operations research," in *Delivering Antiretroviral Therapy in Resource-Constrained Settings*. Arlington, VA: Family Health International, pp. 105–112.

Magnani, Robert, Kate MacIntyre, Ali M. Karim, Lianne Brown, Paul Hutchinson, Transitions Study Team, Carol Kaufman, **Naomi Rutenberg, Kelly Hallman, Julian May, and Anthea Dallimore**. "The impact of life skills education on adolescent sexual risk behaviors in KwaZulu-Natal, South Africa," *Journal of Adolescent Health* 36(4): 289–304.

Mahendra, Vaishali Sharma, Laelia Gilborn, Rupa Mudoi, Sarita Jadav, Shalini Bharat, Indrani Gupta, Bitra George, Luke Samson, Arhcana Panda, and Shweta Bajaj. "Improving the hospital environment for people living with HIV/AIDS in India: Findings from a pilot study to reduce stigma and discrimination," *Horizons Research Update*. Washington, DC: Population Council.

Morcock, David R., James A. Thomas, Tracy D. Gagliardi, Robert J. Gorelick, J. David Roser, Elena N. Chertova, Julian W. Bess, Jr., David E. Ott, Quentin J. Sattentau, **Ines Frank, Melissa Pope, Jeffrey D. Lifson, Louis E. Henderson, and Bruce J. Crise**. "Elimination of retroviral infectivity by *N*-ethylmaleimide with preservation of functional envelope glycoproteins," *Journal of Virology* 79(3): 1533–1542.

Munyao, Paul, **Avina Sarna, Stanley Luchters, Scott Geibel, Khadija Shikely, Kishor Mandaliya, Susan Kaai, Mark Hawken, Johannes van Dam, and Marleen Temmerman**. "How feasible is a DAART strategy to promote adherence to ART? Lessons from Mombasa, Kenya," *Horizons Research Update*. Nairobi: Population Council.

Ndhlovu, Lewis, Catherine Searle, Johannes van Dam, Yodwa Mzaidume, Bareng Rasego, and Solly Moema. "Reducing the transmission of HIV and sexually transmitted infections in a mining community: Findings from the Carletonville Mothusimpilo intervention project: 1998 to 2001," *Horizons Final Report*. Washington, DC: Population Council.

Onyango-Ouma, W., Harriet Birungi, and **Scott Geibel**. "Understanding the HIV/STI risks and prevention needs of men who have sex with men in Nairobi, Kenya." Nairobi: Population Council.

Penn-Kekana, Loveday, Duane Blaauw, Khin S. Tint, Desiree Monareng, and **Jane Chege**. "Nursing staff dynamics and implications for maternal health provision in public health facilities in the context of HIV/AIDS," *FRONTIERS Final Report*. Washington, DC: Population Council.

"Refocusing on HIV prevention," *Horizons Report*. Washington, DC: Population Council.

Rutenberg, Naomi and Carolyn Baek. "Field experiences integrating family planning into programs to prevent mother-to-child transmission of HIV," *Studies in Family Planning* 36(3): 235–245.

Sarna, Avina, Stanley Luchters, Scott Geibel, Paul Munyao, Susan Kaai, Khadija Shikely, Kishor Mandaliya, Mark Hawken, Johannes van Dam, and Marleen Temmerman. "Promoting adherence to antiretroviral therapy through a directly administered antiretroviral therapy (DAART) strategy in Mombasa, Kenya," *Horizons Research Update*. Nairobi: Population Council.

Sarna, Avina, Stanley Luchters, Susan Kaai, Paul Munyao, Scott Geibel, Khadija Shikely, Kishor Mandaliya, Mark Hawken, Johannes van Dam, and Marleen Temmerman. "Does being treated with HAART affect the sexual risk behavior of people living with HIV/AIDS? Insights from Mombasa, Kenya," *Horizons Research Update*. Nairobi: Population Council.

Schenk, Katie. "Reducing stigma through care and support," in Nick Perkins and Sam Mulyanga (eds.), *My Right to Belong: Stories of Stigma Reduction Efforts Across Africa*. Nairobi: ActionAid International Africa.

Schenk, Katie and Jan Williamson. *Ethical Approaches to Gathering Information from Children and Adolescents in International Settings: Guidelines and Resources*. Washington, DC: Population Council.

Skoler, Stephanie, Sumen Govender, Lydia Altini, Khatija Ahmed, Donald Waldron, Landon Myer, and **Pekka Lähteenmäki.** "Risks in the use of an unblinded control group" (letter), *Journal of Infectious Diseases* 191(8): 1378–1379.

INFANTS AND CHILDREN

Fikree, Fariyal, Tazeen Ali, **Jill M. Durocher,** and Mohammad H. Rahbar. "Newborn care practices in low socioeconomic settlements of Karachi, Pakistan," *Social Science and Medicine* 60(5): 911–921.

Ghuman, Sharon, Jere Behrman, Judith Borja, Socorro Gultiano, and Elizabeth King. "Family background, service providers, and early childhood development in the Philippines: Proxies and interactions," *Economic Development and Cultural Change* 54(1): 129–164.

Hossain, Mian Bazle, **James F. Phillips,** and Thomas K. LeGrand. "The impact of childhood mortality on fertility in six rural thanas of Bangladesh," *Policy Research Division Working Paper* no. 198. New York: Population Council.

Montgomery, Mark R. and **Paul C. Hewett.** "Poverty and children's schooling in urban and rural Senegal," *Policy Research Division Working Paper* no. 196. New York: Population Council.

"Psychosocial support for children," *Horizons Report*. Washington, DC: Population Council.

QUALITY OF CARE

Chege, Jane, Ian Askew, Nzwakie Mosery, Mbali Ndube-Nxumalo, Busi Kunene, Mags Bekinska, Janet Dalton, Ester Snyman, Wilem Sturm, and Preshny Moodley. "Feasibility of introducing a comprehensive package of antenatal care services in rural public clinics in South Africa," *FRONTIERS Final Report*. Washington, DC: Population Council.

Das, N.P., Urvi Shah, Varsha Chitania, Pratibha Patel, **M.E. Khan, Anurag Mishra,** and **James R. Foreit.** "Systematic screening to integrate reproductive health services in India," *FRONTIERS Final Report*. Washington, DC: Population Council.

Fikree, Fariyal F., Sarah Saleem, and Neelofar Sami. "A quality of care issue: Appropriate use and efficacy knowledge of five contraceptive methods: Views of men and women living in low socioeconomic settlements of Karachi, Pakistan," *Journal of Pakistan Medical Association* 55(9): 363–368.

Foreit, James R., Ricardo Vernon, and **Patricia Riveros Hamel.** "Use of systematic screening to increase the provision of reproductive health services in Bolivia," *FRONTIERS Final Report*. Washington, DC: Population Council.

Foreit, Karen G. Fleischman and **James R. Foreit.** "Enquêtes d'acceptation de paiement destinées à déterminer les prix des produits et services dans le domaine de la santé de la reproduction : manuel de l'utilisateur" [Willingness-to-pay surveys for setting prices for reproductive health products and services: A user's manual], *FRONTIERS Report*. Washington, DC: Population Council.

"Introduction of systematic screening instrument in clinics to address unmet need and to maximize service utilization," *FRONTIERS Asia and Near East Regional OR Summary*. New Delhi: Population Council.

León, Federico R., Carlos Brambila, Marisela de la Cruz, Julio García Colindres, Carlos Morales, and Benedicto Vásquez. "Providers' compliance with the balanced counseling strategy in Guatemala," *Studies in Family Planning* 36(2): 117–126.

Montufar, Edwin, Carlos Morales, **Ricardo Vernon, Carlos Brambila,** and **Jorge Solórzano.** "Improving access to long-term contraceptives in rural Guatemala through the Ministry of Health," *FRONTIERS Final Report*. Washington, DC: Population Council.

Nawar, Laila, Ibrahim Kharboush, Magdi A. Kader, Hisham Makhoul, and **Nahla Abdel-Tawab.** "Impact of improved client-provider interaction on women's achievement of their fertility goals: Summary of key findings—Phase II," *FRONTIERS Research Update*. Cairo: Population Council.

Osei, Ivy, Bertha Garshong, Gertrude Banahene, John Gyapong, **Placide Tapsoba, Ian Askew, Clement Ahiadeke,** Richard Killian, Edward Bonku, Perle Combar, and William Sampson. "Improving the Ghanaian Safe Motherhood Programme," *FRONTIERS Final Report*. Washington, DC: Population Council.

Rob, Ubaidur, Nancy J. Piet Pelon, and **Marium ul Muthara.** "When family planning services fail: Experience from Bangladesh," *International Quarterly of Community Health Education* 23(2): 151–167.

Rob, Ubaidur, Md. Noorunnabi Taluker, Md. Mahabub-ul Anwar, Laila Rahman, and **Marium ul Muthara.** *Health Sector Reform: Trends and Lessons Learned*. Dhaka: Population Council and Canadian International Development Agency.

Sanogo, Diouratié, Ricardo Vernon, James R. Foreit, Awa Seck, Colonel A. Adoye, Laty G. Ndoeye, Cheikh B. Diop, Balla M. Mboup, and Omar Sarr. "Using systematic screening to increase integration of reproductive health services delivery in Senegal," *FRONTIERS Final Report*. Washington, DC: Population Council.

Sathar, Zeba A., Anrudh Jain, Saumya RamaRao, Minhaj ul Haque, and **Jacqueline Kim.** "Introducing client-centered reproductive health services in a Pakistani setting," *Studies in Family Planning* 36(3): 221–234.

Vernon, Ricardo, James R. Foreit, Fiorella Mancini, Suyapa Pavón, and Jheisy Torres. "Systematic screening as a strategy to increase services integration and revenues in Honduras," *FRONTIERS Final Report*. Washington, DC: Population Council.

REPRODUCTIVE HEALTH

Adamchak, Susan. "Lessons learned from the global agenda of the Frontiers in Reproductive Health Program," *FRONTIERS Report*. Washington, DC: Population Council.

Askew, Ian. "Methodological issues in measuring the impact of interventions against female genital cutting," *Culture, Health and Sexuality* 7(5): 463–477.

"Bolivia and Mexico: System-wide planning is needed for decentralized postabortion care," *FRONTIERS OR Summary* no. 49. Washington, DC: Population Council.

Bracken, Hillary and **Vijaya Nidadavolu.** "Mixed messages? An analysis of communicating materials on abortion and sex determination in Rajasthan," *Economic and Political Weekly* 40(35): 3856–3862.

Bratt, John, **Nahla Abdel-Tawab,** Magdi A. Ibrahim, and Mohammed Edrees. "Willingness-to-pay for services provided by the Clinical Services Improvement Project (CSI) in Egypt," *FRONTIERS Final Report*. Washington, DC: Population Council.

Bur, Mona. "Advancing knowledge of psycho-sexual effects of female genital cutting: Assessing the evidence: Seminar report, Alexandria, Egypt." Cairo: Population Council.

"Burkina Faso: Community education program scaled-up in Burkina Faso," *FRONTIERS OR Summary* no. 55. Washington, DC: Population Council.

"Cómo pueden las y los jóvenes comunicarse en temas de sexualidad y planificación familiar," *Información Jóvenes México* no. 3. Mexico City: Population Council.

"Dominican Republic and Mexico: Promote condom use by emphasizing personal benefits," *FRONTIERS OR Summary* no. 50. Washington, DC: Population Council.

"EC and young people/La jeunesse et le EC," *ECafrique Bulletin* 3(1): 1–20.

Fikree, Fariyal. "Reproductive health: A communication challenge in the twenty-first century," in Muhiuddin Haider (ed.), *Global Public Health Communication: Challenges, Perspectives and Strategies*. Sudbury: Jones and Bartlett, pp. 173–180.

González, Fernando and Mariel Loayza. "Operations research to improve postabortion care (PAC) services in three public hospitals, Bolivia," *FRONTIERS Final Report*. Washington, DC: Population Council.

González Salguero, Fernando, Antonieta Martín, Rosario Pérez Mendoza, and **Ricardo Vernon.** "Cross-cultural adaptation of reproductive health services in Bolivia," *FRONTIERS Final Report*. Washington, DC: Population Council.

González, Fernando and **Patricia Riveros.** "Technical assistance and training for the CIES Operations Research Program, Bolivia," *FRONTIERS Report*. Washington, DC: Population Council.

González, Fernando and **Ricardo Vernon.** "Technical assistance and training for PROCOSI operations research program, Bolivia," *FRONTIERS Final Report*. Washington, DC: Population Council.

Hallman, Kelly, Sara Peracca, Jennifer Catino, and **Marta J. Ruiz.** "Causas de bajos logros educacionales y transición temprana a la vida adulta en Guatemala" [Causes of low school achievement and early transition to adulthood in Guatemala]. Guatemala City: Population Council.

"India: Broad representation supports credibility of village committees," *FRONTIERS OR Summary* no. 52. Washington, DC: Population Council.

"India: Enhancing girls' life skills requires long-term commitment," *FRONTIERS OR Summary* no. 53. Washington, DC: Population Council.

"Introducing magnesium sulphate for the management of pregnancy-induced hypertension," *Safe Motherhood Policy Alert*. Nairobi: Population Council.

Jaldesa, Guyo, **Ian Askew, Caroline Njue,** and **Monica Wanjiru.** "Female genital cutting among the Somali of Kenya and management of its complications," *FRONTIERS Final Report*. Washington, DC: Population Council.

Jejeebhoy, Shireen. "Vaginal discharge and stress: A commentary on directions of influence," *International Journal of Epidemiology* 34(4): 862–863.

Jeppson, Anders, **Harriet Birungi,** Per-Olof Östergren, and Bo Hagström. "The global-local dilemma of a Ministry of Health: Experiences from Uganda," *Health Policy* 72(3): 311–320.

"Los y las jóvenes y su derecho a la planificación familiar," *Información Jóvenes México* no. 1. Mexico City: Population Council.

Khan, M.E., Sandhya Barge, Hemlata Sadhwani, and Giteshwari Kale. "Knowledge, attitude, and experience of marriage and sexuality among newly married women in Gujarat, India: An exploratory study," *International Quarterly of Community Health Education* 23(3): 215–251.

Khan, M.E., Sharif Mohammed Ismail Hossain, and **Md. Nizamuddin Bhuiyan.** "Building national capacity to deliver emergency contraceptive services in Bangladesh," *FRONTIERS Research Update* no. 3. Dhaka: Population Council.

Khan, M.E., Anurag Mishra, and Sudhakar Morankar. "Views on young men's sexual and reproductive health needs in Uttaranchal." *Research Update* no. 4. New Delhi: Population Council.

Kim, Young-Mi, Adrienne Kols, **Antonietta Martin**, David Silva, Ward Rinehart, Sarah Johnson, and Kathryn Church. "Promoting informed choice: Evaluating a decision-making tool for family planning clients and providers in Mexico." *International Family Planning Perspectives* 31(4): 162–171.

Mekbib, Tekle-Ab, **Annabel Erulkar**, and Fekerte Belete. "Who are the targets of youth programs? Results of a capacity building exercise in Ethiopia." *Ethiopian Journal of Health Development* 19(1): 60–62.

Mugisha, Frank, **Harriet Birungi**, and **Ian Askew**. "Are reproductive health NGOs in Uganda able to engage in the health SWAP?" *International Journal of Health Planning and Management* 20(3): 227–238.

Mullick, Saiqa, Mags Bekinska, and Sibekzele Msomi. "Treatment for syphilis in antenatal care: Compliance with the three dose standard treatment regimen." *Sexually Transmitted Infections* 81(3): 220–222.

Mullick, Saiqa, Busi Kunene, and **Monica Wanjiru**. "Involving men in maternity care: Health delivery issues." *Agenda: Special Focus on Gender, Culture and Rights* (special issue): 124–135.

Mullick, Saiqa, Deborah Watson-Jones, Mags Bekinska, and David Mabey. "Sexually transmitted infections in pregnancy: Prevalence, impact on pregnancy outcomes, and approach to treatment in developing countries." *Sexually Transmitted Infections* 81(4): 294–302.

"Nepal: Support communication to enhance young mothers' reproductive health." *FRONTIERS OR Summary* no. 51. Washington, DC: Population Council.

Nguyen T.N. Ngoc, **Nancy L. Sloan**, Tran S. Thach, Le K.B. Liem, and Beverly Winikoff. "Incidence of postpartum infection after vaginal delivery in Vietnam." *Journal of Health, Population, and Nutrition* 23(2): 121–130.

Osei, Ivy, **Harriet Birungi**, Gifty Addico, **Ian Askew**, and John Gyapong. "What happened to the IUD in Ghana?" *African Journal of Reproductive Health* 9(1): 85–100.

Osei, Ivy, John Gyapong, **Monica Wanjiru**, and **Ian Askew**. "An assessment of trends in the use of the IUD in Ghana: National results dissemination and utilization." *FRONTIERS Final Report*. Washington, DC: Population Council.

"Postabortion family planning benefits clients and providers." *Program Brief* no. 4. Washington, DC: Population Council.

"Promoting role model of 'responsible man': Gatekeepers' views of addressing young men's sexual and reproductive health needs in Uttaranchal, India." *Asia and Near East Regional OR Summary* no. 6. New Delhi: Population Council.

Rahman, Moshir, M.E. Khan, Sharif Mohammed Ismail Hossain, and Mary P. Sebastian. "Emergency contraceptive pills: A training manual." New Delhi: Population Council.

"Repositioning postpartum care in Kenya." *Safe Motherhood Policy Alert*. Nairobi: Population Council.

Rob, Ubaidur. "Men and reproductive health." World Population Day special supplement. Dhaka: Directorate General of Family Planning, Ministry of Health and Family Welfare.

Rob, Ubaidur, Md. Noorunnabi Taluker, Md. Mahabub-ul Anwar, Laila Rahman, and Marium ul Mubahara. "Health sector reform in developing countries: Trends and lessons learned." Dhaka: Population Council and Canadian International Development Agency.

"La salud reproductiva de los y las jóvenes de áreas rurales." *Información Jóvenes México* no. 2. Mexico City: Population Council.

Sebastian, Mary P., Monica Grant, and Barbara Mensch. "Integrating adolescent livelihood activities within a reproductive health programme for urban slum dwellers in India." New Delhi: Population Council.

Sebastian, Mary P., Shiv Kumar, **M.E. Khan**, Chander Shekhar, and N.K. Gupta. "Studying the utilization of emergency contraceptive services through paramedics in India." *Research Update* no. 5. New Delhi: Population Council.

"Senegal: Community education program increases dialogue on FGC." *FRONTIERS OR Summary* no. 54. Washington, DC: Population Council.

Sloan, Nancy L., Nguyen Thi Nhu Ngoc, Do Trong Hieu, Charlotte Quimby, Beverly Winikoff, and Goli Fassihian. "Effectiveness of lifesaving skills training and improving institutional emergency obstetric care readiness in Lam Dong, Vietnam." *Journal of Midwifery & Women's Health* 50(4): 315–323.

"The SMNH implementation framework for districts." *Safe Motherhood Policy Alert*. Nairobi: Population Council.

"Taking maternal services to pregnant women: The community midwifery model." *Safe Motherhood Policy Alert*. Nairobi: Population Council.

"Training of master trainers on ECP for the government officials of Barisal, Khulna, Rajshahi, Sylhet and Chittagong divisions." Dhaka: Population Council.

"Transferring Ghana's system of evidence-based health program development: Program for an initial exchange with Sierra Leone and Burkina Faso." Washington, DC: Population Council.

Walraven, Gijs, **Jennifer Blum**, Yusupha Dampha, Maimuna Sowe, Linda Morison, Beverly Winikoff, and **Nancy L. Sloan**. "Misoprostol in the management of the third stage of labour in the home delivery setting in rural Gambia: A randomized trial." *BJOG: An International Journal of Obstetrics and Gynaecology* 112(9): 1277–1283.

Weeks, Andrew, Godfrey Alia, **Jennifer Blum**, Beverly Winikoff, Paul Ekwuru, **Jill Durocher**, and Florence Mirembe. "A randomized trial of misoprostol compared with manual vacuum aspiration for incomplete abortion." *Obstetrics and Gynecology* 106(3): 540–547.

"West Bank/Gaza: Home visits to low parity mothers improves postpartum care utilization." *FRONTIERS Asia and Near East OR Summary* no. 5. Cairo: Population Council.

World Health Organization, Family Health International, and **Population Council**. *Sexually Transmitted and Other Reproductive Tract Infections: A Guide to Essential Practice*. Geneva: World Health Organization.

SOCIAL SCIENCE

Baker, Kristine R., Mary B. Ofstedal, **Zachary Zimmer**, Zhe Tang, and Yi-Li Chuang. "Reciprocal effects of health and economic well-being among older adults in Taiwan and Beijing." *Policy Research Division Working Paper* no. 197. New York: Population Council.

Bawah, Ayaga A. and Fred N. Binka. "How many years of life could be saved if malaria were eliminated from a hyperendemic area of northern Ghana?" *Policy Research Division Working Paper* no. 203. New York: Population Council.

Bawah, Ayaga and Tukufu Zuberi. "Socioeconomic status and child mortality in Southern Africa." *Genus* 61(1–2): 55–83.

Bongaarts, John. "The causes of stalled fertility transitions." *Policy Research Division Working Paper* no. 204. New York: Population Council.

———. "Five period longevity measures." *Demographic Research* 13(21): 547–558.

———. "Long-range trends in adult mortality: Models and projection methods." *Demography* 42(1): 23–49.

Bongaarts, John and Griffith Feeney. "The quantum and tempo of life-cycle events." *Policy Research Division Working Paper* no. 207. New York: Population Council.

Kaneda, Toshiko, **Zachary Zimmer**, and Zhe Tang. "Socioeconomic status differentials in life and active life expectancy among older adults in Beijing." *Disability and Rehabilitation* 27(5): 241–251.

Knodel, John, Sovan Kiri Kim, **Zachary Zimmer**, and Sina Puch. "Older persons in Cambodia: A profile from the 2004 Survey of Elderly." *Population Studies Center Research Report* no. 05-576. Ann Arbor: University of Michigan.

McNicoll, Geoffrey. "Population and sustainability." *Policy Research Division Working Paper* no. 205. New York: Population Council.

———. Review of Gordon H. Sellon, Jr. (ed.), *Global Demographic Change: Economic Impacts and Policy Challenges: A Symposium Sponsored by the Federal Reserve Bank of Kansas City, Jackson Hole, Wyoming, August 26–28, 2004*. *Population and Development Review* 31(4): 776–778.

———. Review of Emmanuel Todd, *After the Empire: The Breakdown of the American Order*, translated by C. Jon Delogu. *Population and Development Review* 31(1): 178–180.

Mensch, Barbara S., Monica J. Grant, and Ann K. Blanc. "The changing context of sexual initiation in sub-Saharan Africa." *Policy Research Division Working Paper* no. 206. New York: Population Council.

Mensch, Barbara S., Susheela Singh, and John B. Casterline. "Trends in the timing of first marriage among men and women in the developing world." *Policy Research Division Working Paper* no. 202. New York: Population Council.

Montgomery, Mark R. Review of Robert Neuwirth, *Shadow Cities: A Billion Squatters, a New Urban World*. *Population and Development Review* 31(2): 373–376.

Montgomery, Mark R. and Alex C. Ezech. "Developing-country urban health: Insights from demographic theory and practice." in Sandro Galea and David Vlahov (eds.), *Handbook of Urban Health: Populations, Methods, and Practice*. New York: Springer, pp. 317–360.

———. "Urban health in developing countries: An overview." in Sandro Galea and David Vlahov (eds.), *Handbook of Urban Health: Populations, Methods, and Practice*. New York: Springer, pp. 201–222.

Montgomery, Mark and **Paul Hewett**. "Poverty and children's schooling: A structural equations approach using MICS data." in E. Minujin, E. Delamonica, and M. Komarecki (eds.), *Human Rights and Social Policies for Children and Women: The Multiple Indicator Cluster Survey (MICS) in Practice*. New York: New School University with the support of UNICEF.

———. "Urban poverty and health in developing countries: Household and neighborhood effects." *Demography* 42(3): 397–425.

Neumayer, Eric and **Laura Spess**. "Do bilateral investment treaties increase foreign direct investment to developing countries?" *World Development* 33(10): 1567–1585.

Nyonator, Frank K., Agyeman B. Akosa, John K. Awoonor-Williams, **James F. Phillips**, and **Tanya C. Jones**. "Scaling up experimental project success with the Community-based Health Planning and Services initiative in Ghana." in Ruth Simmons, Peter Fajans, and Laura Ghiron (eds.), *Scaling Up Health Service Delivery: From Pilot Innovations to Policies and Programmes*. Geneva: World Health Organization.

Nyonator, Frank K., John K. Awoonor-Williams, **James F. Phillips**, **Tanya C. Jones**, and **Robert A. Miller**.

"The Ghana Community-based Health Planning and Services Initiative for scaling up service delivery innovation," *Health Policy and Planning* 20(1): 25–34.

Nyonator, Frank K., **Tanya C. Jones**, **Robert A. Miller**, **James F. Phillips**, and John K. Awoonor-Williams. "Guiding the Ghana Community-based Health Planning and Services approach to scaling up with qualitative systems appraisal," *International Quarterly of Community Health Education* 23(3): 189–213.

Pence, Brian Wells, **Philomena Nyarko**, **James F. Phillips**, and Cornelius Debuur. "The effect of community nurses and health volunteers on child mortality: The Navrongo Community Health and Family Planning Project," *Policy Research Division Working Paper* no. 200. New York: Population Council.

Phillips, James F., **Ayaga A. Bawah**, and Fred N. Binka. "Accelerating reproductive and child health program development: The Navrongo initiative in Ghana," *Policy Research Division Working Paper* no. 208. New York: Population Council.

Phillips, James F., **Tanya C. Jones**, Frank K. Nyonator, and Shruti Ravikumar. "Evidence-based scaling up of health and family planning service innovations in Bangladesh and Ghana," in Ruth Simmons, Peter Fajans, and Laura Ghiron (eds.), *Scaling Up Health Service Delivery: From Pilot Innovations to Policies and Programmes*. Geneva: World Health Organization.

Rob, Ubaidur. "Policy issues in Bangladesh population planning program," *The Guardian*, pp. 50–51.

Rob, Ubaidur, Mohammed Kabir, and **Marium ul Mutahara**. "Urbanization in Bangladesh," in Gayl D. Ness and Prem P. Talwar (eds.), *Asian Urbanization in the New Millennium*. Singapore: Asian Urban Information Center of Kobe and Marshall Cavendish Academic, pp. 25–54.

Rob, Ubaidur, **Marium ul Mutahara**, and Noah Sprafkin. "Development of population policy in Bangladesh," *International Quarterly of Community Health Education* 23(1): 25–38.

Wongboonsin, Kua and **Philip Guest**. "The demographic dividend," in *The Demographic Dividend: Policy Options for Asia*. Bangkok: Chulalongkorn University, pp. 1–18.

Zimmer, Zachary. "Active life expectancy and functional limitations among older Cambodians: Results from a 2004 survey," *Policy Research Division Working Paper* no. 201. New York: Population Council.

———. "Health and living arrangement transitions among China's oldest-old," *Research on Aging* 27(5): 526–555.

———. Review of Roger Mark Selya, *Development and Demographic Change in Taiwan 1945–1995*, *Population and Development Review* 31(4): 780–781.

Zimmer, Zachary and Julia Dayton. "Older adults in sub-Saharan Africa living with children and grandchildren," *Population Studies* 59(3): 295–312.

Zimmer, Zachary, John Knodel, Sovan Kiry Kim, and Sina Puch. "The impact of past conflicts and social disruption in Cambodia on the current generation of older adults," *Population Studies Center Research Report* no. 05-582. Ann Arbor: University of Michigan.

Zimmer, Zachary, Linda G. Martin, and Hui-Sheng Lin. "Determinants of old-age mortality in Taiwan," *Social Science and Medicine* 60(3): 457–470.

Zimmer, Zachary, Linda G. Martin, Mary Beth Ofstedal, and Yi-Li Chuang. "Education of adult children and mortality of their elderly parents in Taiwan," *Policy Research Division Working Paper* no. 199. New York: Population Council.

TRANSITIONS TO ADULTHOOD

Amin, Sajeda. "Kishori Abhijan: A pilot project to empower adolescent girls," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 13. New York: Population Council.

Brady, Martha. "Letting girls play: Using sport to create safe spaces and build social assets," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 1. New York: Population Council.

Brady, Martha, **Abeer Salem**, and **Nadia Zibani**. "Bringing new opportunities to adolescent girls in socially conservative settings: The Ishraq program in rural Upper Egypt," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 12. New York: Population Council.

Brady, Martha and **Lydia Saloucou**. "Addressing the needs of married adolescent girls in Burkina Faso," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 9. New York: Population Council (also available in French).

Bruce, Judith. "Child marriage in the context of the HIV epidemic," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 11. New York: Population Council (also available in French).

Catino, Jennifer, **Kelly Hallman**, and **Marta Julia Ruiz**. "Building skills to enhance life opportunities for Mayan girls," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 5. New York: Population Council.

"Child marriage briefing," a series of two-page briefs on Ethiopia, Mali, Mozambique, Nigeria, and Zambia. New York: Population Council.

Chong, Erica. "Analyzing data to target the most vulnerable adolescents and to identify their needs," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 10. New York: Population Council (also available in French).

Chong, Erica and **Nicole Haberland**. "Child marriage: A cause for global action," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 14. New York: Population Council.

Erulkar, Annabel and **Tekle-Ab Mekbib**. "Reaching vulnerable youth in Ethiopia," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 6. New York: Population Council (also available in French).

Grant, Monica, **Barbara S. Mensch**, and **Mary P. Sebastian**. "Introducing adolescent livelihoods training in the slums of Allahabad, India," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 2. New York: Population Council.

Haberland, Nicole. "Supporting married girls: Young wives and young mothers," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 3. New York: Population Council.

Haberland, Nicole, **Erica L. Chong**, **Hillary Bracken**, and Chris Parker. "Early marriage and adolescent girls," *YouthLens on Reproductive Health and HIV/AIDS* no. 15. Arlington, VA: YouthNet.

Hallman, Kelly. "Gendered socioeconomic conditions and HIV risk behaviours among young people in South Africa," *African Journal of AIDS Research* 4(1): 37–50.

Hallman, Kelly and **Judith A. Diers**. "Providing safe spaces, financial skills, and HIV/AIDS awareness for vulnerable South African youth," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 4. New York: Population Council (also available in French).

Hewett, Paul C. and **Cynthia B. Lloyd**. "Progress toward education for all: Trends and current challenges for sub-Saharan Africa," in **Cynthia B. Lloyd**, Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen (eds.), *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*. Washington, DC: National Academies Press, pp. 84–117.

Jejeebhoy, Shireen J. "Investigating nonconsensual sex: Silence threatens adolescents' health and rights," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 7. New York: Population Council.

Jejeebhoy, Shireen J. and Shiva S. Halli. "Marriage patterns in rural India: Influence of sociocultural context," in **Cynthia B. Lloyd**, Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen (eds.), *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*. Washington, DC: National Academies Press, pp. 172–199.

Lloyd, Cynthia B. Review of United Nations, *World Youth Report 2003: The Global Situation of Young People*, *Studies in Family Planning* 36(4): 326–327. ———. (ed.). *Growing Up Global: The Changing Transitions to Adulthood in Developing Countries*. Washington, DC: National Academies Press.

Lloyd, Cynthia B., Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen (eds.). *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*. Washington, DC: National Academies Press.

Lloyd, Cynthia B., Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen. "Introduction," in **Cynthia B. Lloyd**, Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen (eds.), *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*. Washington, DC: National Academies Press, pp. 1–12.

Lloyd, Cynthia B. and **Monica Grant**. "Growing up in Pakistan: The separate experiences of males and females," in **Cynthia B. Lloyd**, Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen (eds.), *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*. Washington, DC: National Academies Press, pp. 320–366.

Lloyd, Cynthia B., Cem Mete, and **Zeba Sathar**. "The effect of gender differences in primary school access, type, and quality on the decision to enroll in rural Pakistan," *Economic Development and Cultural Change* 53(3): 685–710.

Mensch, Barbara S., Susheela Singh, and John B. Casterline. "Trends in the timing of first marriage among men and women in the developing world," in **Cynthia B. Lloyd**, Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen (eds.), *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*. Washington, DC: National Academies Press, pp. 118–171.

"The Population Council's approach," *Promoting Healthy, Safe, and Productive Transitions to Adulthood* overview. New York: Population Council (also available in French).

Quisumbing, Agnes R. and **Kelly Hallman**. "Marriage in transition: Evidence on age, education, and assets from six developing countries," in **Cynthia B. Lloyd**, Jere R. Behrman, Nelly P. Stromquist, and Barney Cohen (eds.), *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*. Washington, DC: National Academies Press, pp. 200–269.

Santhya, K.G. and **Nicole Haberland**. "Empowering young mothers in India," *Promoting Healthy, Safe, and Productive Transitions to Adulthood Brief* no. 8. New York: Population Council.

STAFF AND CONSULTANTS

This section lists Population Council staff members by their positions as of 31 December 2005. Names of professional staff members who left the Council during the year are followed by an asterisk. Consultants listed are primarily those who work with the Council on an ongoing basis.

OFFICE OF THE PRESIDENT

President

Peter J. Donaldson

Head of Foreign Government and Board Relations/Special Assistant
Ella Roderick-Jones*

Executive Assistant/Board Affairs Coordinator

Ann Marie Bonardi

Executive Assistant
Marissa Bohrer*

DISTINGUISHED COLLEAGUES

Distinguished Scholar

Paul Demeny

Distinguished Scientist

Sheldon J. Segal

Consultants

Susan Greenhalgh, Michael P. Todaro

DEVELOPMENT

Director

Ruth Kalla Ungerer

Administrative/Technical Professional Staff

Anne Donadeo,* Rob O'Sullivan

Administrative Support Staff

David Abrams,* Magdalene Mayers

CENTER FOR BIOMEDICAL RESEARCH

Vice President

Elof D.B. Johansson

Senior Scientist and Director, Reproductive Biology and Immunology
James F. Catterall

Executive Director, Product Research and Development

Régine L. Sitruk-Ware

Director, Microbicides Clinical Trials
Pekka O. Lähteenmäki

Director, Microbicides Product Development

Robin A. Maguire

Medical Safety Expert

Rolaine Nelson

Project Director, Contraceptive Development

Ruth B. Merkatz

Senior Scientists

Chuen-yan Cheng, Marc Goldstein, Matthew P. Hardy, Narender Kumar, Patricia L. Morris, David M. Phillips, Melissa J. Robbiani, Peter Schlegel, Irving Sivin, Yun-yen Tsong

Scientists

Gary Hunnicutt, Frederick Schmidt, Bruce F. Variano

Staff Scientists

Daniel J. Bernard, Dianne Hardy, Darius Paduch

Research Investigators

Ines Frank, Renshan Ge, Dolores Mruk, Jose A. Romero

Senior Administrative Staff

M. Ashton Barfield, Jean E. Schweis

Administrative/Technical Professional Staff

Arthur Allen, Raphael Bruney, Thomas Carlson, Pooja Chugh-Clayton,* Peter J. Conlon, Marion Davis,* Stephen Eghan, Marlina Gehret, J. Nick Gontarz, Sumentheran Govender, Laura Guichard,* Frank J. Kizis, Sushma Kumar,* Marcia Langhoff, Deborah A. Lazzarino,* Yuet W. Leung, An An Luong,* David Moretsele, Catherine Rapelje, Evan B. Read, Janet Schechter,* Stephanie Skoler, Heather L. Sussman, Barbara A. Tokay, Eduardo S. Tovar, Loreley A. Villamide-Herrera

Senior Research Technicians

Anne Conway,* William De Jesus, Simone J. Evans, Keumsil Hwang, Irina Mamkina, Aileen Marshall, Anna Mielnik, Lyann R. Mitchell, Maria T. Sallent, Richard Sewell, Chantal Sottas, Kristin Sudol, Kanani E. Titchen, Esther Wu

Staff Assistants

Natalie Amar, Jeffrey L. Edwards, Andrew Gonzalez, Annie Kee, Yvonne Harrison O'Neal, Carrie C. Van Driel

Administrative/Technical Support Staff

Brian Ford, Victoria L. Johnson, Jessica Kenney, Susanna Kwitny, Delbert Layne, Patricia McKenna, Todd Miller, Norma Ombler, Andrew Shaw, Amparo Solari, Anne Spencer, Aaron Teitelbaum, Andrea Wallace, Vennansha Williams

INTERNATIONAL PROGRAMS DIVISION

Vice President

Anrudh K. Jain

Special Assistant

Rose N. Maruru

INTERREGIONAL, NEW YORK

Director, Gender, Family, and Development

Judith Bruce

Director, Reproductive Health

C. Johannes van Dam

Senior Program Associate

Robert A. Miller*

Program Associates

Martha Brady, Judith A. Diers, Batya Elul,* Nicole Haberland, Saumya RamaRao

Senior Administrative Staff

Mar Aguilar, Y. Birsan Bayazit,* Carol Hendrick

Staff Program Associates

Hillary J. Bracken,* Heidi Jones, Carey Meyers*

Administrative/Technical Professional Staff

Martha Alexander,* Erica L. Chong, Heather A. Clark, Taja Ferguson,* Barbara Friedland, Virginia Kallianes, Jacqueline J. Kim,* Sun Ae Lee, Michelle Park,* Roman Zadorozhny

Staff Assistants

Maria Alevrontas, Elaine K. Baur, Mary Alice Elmoor, Jesse Gass, Jeeyun Lee, Sara Rowbottom, Michelle N. Skaer

Administrative Support Staff

Matthew C. Micka, Maria Perez

Consulting Senior Associates

Andrew A. Fisher, Robert A. Miller

Consultants

Mir M. Ali, Karen Austrian, Hillary J. Bracken, Sarah L. Braunstein, Marianne Gimon, Rachel Goldberg, Sarah Karmin, Elizabeth McGrory, Debbie Rogow, Roberta Scheinmann, Jennefer Sebstad, Sylvia Taylor

INTERREGIONAL, WASHINGTON, DC

Director, Frontiers in Reproductive Health

John W. Townsend

Director, Horizons

Andrew A. Fisher,* Naomi Rutenberg

Senior Program Associate

James R. Foreit

Program Associates

Beverly Ben Salem, Joanne N.

Gleason, Laura S. Raney

Staff Program Associates

Carolyn Baek, Katie Schenk

Administrative/Technical Professional Staff

Louis F. Apicella, Angela Briceño, Sherry A. Hutchinson, Stephanie Joyce, Hena Khan, Lisa W. Lane,* Damon A. Newsome

Staff Assistants

Shari Cuesta, Tshikana M. Douglas, Nathan Golon, Alison M. Lee, Jennifer Redner

Administrative Support Staff

Valerie Fenton, Vivian Nicholson, Phan Trinh

Seconded Staff

Ann McCauley,* Tobey C. Nelson, Julie Pulerwitz, Ellen Weiss

Consulting Senior Associate

Emma Ottolenghi

Consultants

Lauren Bocanegra, Linda Bruce, Lindsay Flury

LATIN AMERICA AND THE CARIBBEAN

Regional Director

Juan Díaz (acting), Ana Langer*

Senior Program Associates

Juan Díaz, Ricardo Vernon

Program Associates

Sandra Garcia, Daniel A. Grossman,* M. Estela Rivero-Fuentes

Host-Country Advisor

Fernando Gonzáles Salguero

*Administrative/Technical
Professional Staff*

Karla Berdichevsky, Lúcia Brito, Angela Caballero,* María Dolores Castro,* Jennifer Catino, Magda Chinaglia, Claudia Díaz, Guillermina Herrera,* Tamil Kendall, Diana Lara, Antonieta Martín, Maeve Mello, Jhoanne Muñoz, Rosa Poiré, Rita Revollo, Patricia Riveros, Ana Lucía Rodríguez, Jenny Romero, Marta Julia Ruiz Gómez, Jorge Solórzano,* Freddy Tinajeros, Erika Troncoso,* Eileen Yam, María Renée Zelaya

Support Staff

Laura Carrillo, Hilda Castro,* João de Carvalho, Vanessa De Gyves, Valentín Díaz, André Galiano, Tatiana Gómez-García, Leticia Herrera, Rosendo Limón, Hilaria López,* Wilson Maguño,* Susana Medina, Gloria Morales, Atala Moreno, Silvana Muller, María Teresa Palafox,* Sofía Reynoso, Simone Rodríguez, Laura Ruiz,* Weymar Toledo Salcedo, Sidnei Souza, Cruz Velasquez, Maite Vélez

Consultants

Vera Lucia Aggio, Tess Aldrich, Davida Becker, Angela Aparecida Donini, Karina Ergüez, Karina Helena Bianchi Fanego, Jafmary Feliz, Michelle Firestone, Loren Galvão, Mónica Gironas, Ximena E. Gutiérrez, Alan Hubbard, Tamil Kendall, Sarah Landis, Sheri Lippman, Zilka Loayza, Lizbeth T. López Carrillo, Guadalupe Martínez de Trueba, Liliana Medinacelli, Carmelo David Miranda Duré, Luis Moreno Montalvo, Carolina Montes, Laura Murray, Cristina Takae Yamaguti Ogura, Sonia Paredes, Silvia María Caldas Pedroso, Adriana Pinho, Linda S. Potter, Francisco Prudencio, Susanna Rance, María Christina Rentería, Christine Ricardo, Kara Lynn Richmond, Gerardo Willy Sandoval Murga, Patricio Sanhueza Smith, María Silvia Setubal, Priyanka Sharma, Martha Silva, Jennifer Strickler, Danny Martha Tarqui, Carrie Tatum, Rebecca Tatum, Katty Terán, Nayra Villazón

SOUTH AND EAST ASIA

Regional Director

Saroj Pachauri

Senior Program Associates

M. Philip Guest, Jane C. Hughes, Shireen J. Jejeebhoy, Mohamad Ejazuddin Khan

Program Associates

A.K. Ubaidur Rob, Avina Sarna, Budi Utomo,* Ravi K. Verma

Host-Country Advisor

Vu Quy Nhan

*Administrative/Technical
Professional Staff*

Rajib Acharya, Rahela Anam, Abhijeet Anand,* Mahabub-ul Anwar, Kanya Apipornchaisakul, Monica Bhalla, Ismat Ara Bhuiya, Mohammad Nizamuddin Bhuiyan, Mohammad Asiful Haidar Chowdhury, Deddy Darmawan,* Punpet Hiranpradit, Sharif Mohammed Ismail Hossain, Shveta Kalyanwala, Saba Khan, Esther Anne Parapak Kusumaatmadja,* Le Thi Phuong Mai, Vaishali Sharma Mahendra, Anurag Mishra, Marium Ul Mutahara,* Nguyen Bich Hanh, Nguyen Thu Ha, Vijaya Nidadavolu, Anil Paul, Laila Rahman, Sohini Roychowdhury, K.G. Santhya, Mary Philips Sebastian, Vivek Sharma, Dipak Kumar Shil, Ajay Kumar Singh, Warangkana Singhsneah, Nucharee Srivirojana, Washiraporn Suramaythangkoon, Noorunnabi Talukder, Tran Thu Ha, Leila Caleb Varkey,* Vu Linh Chi,* Vu Thi Kieu Dung, K.M. Zahiduzzaman

Support Staff

Madhukar Bagdas, Shiv Charan, Nazimuddin Chowdhury, Sujan Kumar Dey, Do Van Doai, Hendrawan,* Hoang Van Huu, Abul Hossain, Johny, Abdul Majid, Laxman Mandal, Asha Matta, Pithak Namtirat, Nguyen Thi Phuong Lan, Indah Pratiwi, Ruchi Pundir, Amala Rahmah,* Haralal Roy, Komal Saxena, Rama Sehgal, Sofyani,* Elvin Sunny, V.L. Thomas, Geetha Vaithyanathan, Peng-Ngram Yamtim

Consultants

Aphichat Chamratrithirong, Dao Thanh Hong, Dao Thi Minh An, Deepika Ganju, Neena Lyall, Lakshi Murthy, Le Van Hoi, Ngo Van Quang, Nguyen Huu Thang, Nguyen Ngoc Quang, Nguyen Ngoc Quynh, Nguyen Thi Thom, Nguyen Thi Viet Hong, Nguyen Tri Duc, Perti J. Pelto, Pham Huy Quang, G.D. Ravindran, Nasheeba Selim, Ajay Kr Singh, Tao Thi Hong Van, Tran Hoang Nam, Siriporn Yongpanichkul

SUB-SAHARAN AFRICA

Regional Director

Ayorinde Ajayi

Senior Program Associate

Ian Askew

Program Associates

Kobina A. Bainson, Harriet Birungi, Jane Chege,* Nafissatou J. Diop, Seydou Doumbia,* Delanyo T. Dovlo,* Annabel Erulkar, Eka Esu-Williams,

Saiqa Mullick, Lewis Ndhlovu, Diouratié Sanogo, John P. Skibiak, Lassane Placide Tapsoba, Charlotte Warren

Staff Program Associate

Scott Geibel

*Administrative/Technical
Professional Staff*

Ummkalthum Abdirashid,* Francis Ayuka, Edmond Baguede,* Marthe Bruce Dieng, Mamadou Djire, Zoumana Doumbia, Humphres Evelia, Peter Gaiku, Sumentheran Govender, Adan Isaac, Milka Jama, Susan Cherop Kaai, Gisèle Kaboré, Arjmand Banu Khan,* Mirriam Khumalo, Adam Ksanga, Wilson N. Liambila, Caroline Mackenzie, Mamadou Mar, Portia Marks, Nqobile Mavimbela,* Bonisiwe Mludi, Mazwi, David Moretsele, Anne Mwangi, Carolyne Njue,* Philomena Nyarko, Reine Lydia Saloucou, Niagia Santuah, Catherine Searle, Nathi Sohaba, Ibrahim Sulemana, Monica Wanjiru, Pauline Zoundi*

Support Staff

Marvin Amartey, John Anzali, Carol Apiyo, Yacouba Barro, Kadidia Dandjiniou, Abdoul Dieng, Angela Gadzekpo, Mamadou Goudiaby, Simon Kamau, Moses Klu, Kenneth Kukanu, Lindiwe Francis Kumalo, Joanne Lewa,* Winnie Lubasi, Wellington Mage, Siphwokuhe Melissa Mahlangu, David Matheka, Amadou Lamine Mbengue, Ella Miyanda, Abiot Modingoane,* Janet Munyasya, Dianah Mwangi, Jane Mwikali, Lucy Mwikali, Douglas Ndeddah, Lucy Ng'ang'a, Adama Niaré, Japheth Nyambane, Philisters Obunga, Joyce Ombeva, Norah Omenda, Winnie Osula, Francis Quarshie, Isabella Rockson, Niagia Santuah, Stephen Semenu, Louis Yanogo

Seconded Staff

Bibiana Bangpuori, Jemima Dennis-Antwi, Barbara Jones, Karusa Kiragu, Carolyne Tetteh

Consultants

Clement Ahladake, Doreen Ali, Thierno Mariama Barry, Peter Gichangi, Guyo Jaldesa, Joseph Karanja, Nancy Kidula, Richard Kibombo, Murungaru Kimani, Suzanne Maman, Msoni Mbiko, Tekle-Ab Mekbib, Amadou Moreau, Anne Mwangi, Ephantus Njagi, Agatre Sam Okuonzi, Francis Charles Okuthe-Oyugi, W. Onyango-Ouma, Victoria Rumbold, A. Lahissi Sadiku, T. Wanjiku Secoli, Leah Thayer, Mary Thole Zama

WEST ASIA AND NORTH AFRICA

Regional Director

Ragui Assaad, Barbara Ibrahim*

Senior Program Associate

Zeba A. Sathar

Program Associates

Nahla G. Abdel-Tawab, Fariyal Fikree,* Peter Miller

*Administrative/Technical
Professional Staff*

Abrar Ahmed, Imran Ahmed, Mohammad Ashraf, Muhammad Shafique Arif, Mehmood Asghar, Seemin Ashfaq, Zaheer Gul Awan, Bushra Bano, Kamran Shafi Bhutta,* Miral Breebaart, Moushira El Geziri,* Tarek Alam Eldin, Nayyar Farooq, Magda Fayek, Noha Gaballah,* Hedi Ganoub, Tayyaba Gul, Yasmin Hadi, Minhaj ul Haque, Ashfa Hashmi, Gihan Hosny, Ola Hussein Hosny, Bader ul Islam, Zia ul Islam, Shaheen Naz Islam,* Iram Kamran, Karima Khalil,* Muhammad Khalil, Mumraiz Khan, Nadia Abid Khan, Wajahat Raza Khan,* Amr Kotb, Arshad Mahmood, Rahim Dad Malik, Irfan Masood, Noushad Mehmood, Ali Mohammad Mir, Mashooda Mirza,* Doaa Mohie, Shagufta Naheed, Tahira Parveen, Saima Pervez, Abdul Rashid, Gul Rashida, Moushira Rasmy, Naseem Raza,* Enayat ur Rehman, Mona Emil Rizk, Rania Roushdy, Nahed Sakr,* Abeer Salem, Samina Sardar,* Zakir Hussain Shah, Salma Shaltout, Lubna Shireen, Munawar Sultana,* Hanan Tammam, Zeba Tasnim, Abdul Wajid, Wael Wasel, Hala Youssef, Nadia Zibani

Support Staff

Ghazanfar Abbasi,* Atef Abdoun, Shamin Ahmed, Abdul Aziz,* Ashraf Haddad, Khalid Javed, Marghani G. Marghani, Samar Akram Masih, Yousaf Jan Masih, Hatem Mostafa, Mohamed Mousa, Bakht Munir, Yehia Ramadan, Ghulam Raza, Kamran Saeed, Essam Samra, Feroz Shah

Consulting Senior Associate

Barbara Ibrahim

Consultants

Munzoul A. Assal, Ghada Barsoum, Nevin Hassanein, Russanne Green Hozayin, Richard Jessor, Ray Langsten, Ellen Liberatori, Sara Musa, Baquer Namazi, Mohamed Cherine Ramadan, Hassan Zaki

POLICY RESEARCH DIVISION

Vice President

John Bongaarts

Director, Social Science Research

Cynthia B. Lloyd

Senior Associates

Sajeda Amin, Geoffrey McNicoll,
Barbara S. Mensch, Mark R.
Montgomery, James F. Phillips

Associates

Paul Hewett, Zachary Zimmer

Research Associate

Kelly K. Hallman

Staff Research Associate

Ellie Feinglass*

Resident Fellows

Ayaga Bawah, Sharon Ghuman,
Solène Lardoux

Senior Administrative Staff

Elizabeth Cottrell

Administrative/Technical Professional Staff

Monica Grant,* Richard Gregory,
Bonisiwe P.N. Mdluli, Barry Ravitch,
Maya Smith, Laura Spess

Staff Assistants

Barbara M. Miller, Kate Venet

Research Support Staff

Margaret McGirt

Consultants

John Casterline, Elizabeth
Costenbader, Ingrid Dries-Daffner,
Griffith Feeney, Monica Grant, John
Karon, Brian Pence, Sara Peracca,
Luciana Suran, Nicholas Swan

CORPORATE AFFAIRS DIVISION

Vice President

Sandra P. Arnold

Senior Director

James E. Sailer

Senior Administrative Staff

George Young

Staff Assistant

Bri Held

LEGAL

General Counsel

Patricia C. Vaughan

Staff Assistant

Ann-Bernice Allen

HUMAN RESOURCES

Director

Vivien Rabin

Senior Administrative Staff

Darryl K. Lewis, Maria Vinardell

Administrative/Technical Professional Staff

Benjamin Bilbao, Deirdre Hoare,
Karen Martinez

Staff Assistant

Joyce Ng

Administrative Support Staff

Stacey Mohammed-Oliver

OFFICE SERVICES

Director

Laurie Constantino

Staff Assistants

May Moy-Au, Barbara Nee

Administrative Support Staff

Mario Aponte, Kimeka Armstrong,
Christopher E. Carhart, Naquan Davis,
Garth McKoy, Richard V. Williams,
Regina Wilson

INFORMATION TECHNOLOGY

Director

Catherine T. Davidoff,*

Stanley Mierzwa

Senior Technical Staff

Deborah Boccio, Michael Lim,
Paulino Ruiz

Technical Professional Staff

Irene Friedland, Sue Mee Low,*

Du Luu, Chung Shun Wu

PUBLIC INFORMATION

Director

Melissa May

Administrative/Technical Professional Staff

Gina Duclayan, Suzanne P. Elliott,
Diane M. Rubino, Craig J. Savel,
Jared B. Stamm, Debra Warn

Staff Assistant

Gregg P. Culling

PUBLICATIONS

Director

Ethel P. Churchill

Senior Technical Staff

Gary D. Bologh, Robert Heidel,
Margaret A. Knoll, Y. Christina Tse

Administrative/Technical Professional Staff

Sura Rosenthal, Karen Tweedy-
Holmes, Michael J. Vosika,
Debra Warn

Librarian

H. Neil Zimmerman

Staff Assistants

Carmen Delgado, Julie A. Sitney

Administrative Support Staff

Walter J. Fitzpatrick, Matthew C.
Micka

OFFICE OF THE SECRETARY-TREASURER

Chief Financial Officer and Secretary-Treasurer

James M. Tuite

Senior Technical Staff

Agnes Chan

Staff Assistant

Bella Feuchtwangner

OFFICE OF THE CONTROLLER

Controller

Lorraine Karlen

Senior Administrative Staff

Richard L. Kessler, Danielle Kossove,*
Zenaida C. Lota, Martina K. Moss

Administrative/Technical Professional Staff

Cathy S. Cai, Betty Goldman,*
Olga Mashiah, Bill Moy, Teresa Saju,
Anthony Velez

Administrative Support Staff

Gabriela Bartalos, Elena Chan,
Maria Herrera, Sherwin T. Nicholson,
Rita Schramm

GRANTS AND CONTRACTS

Director

Marjorie Kitzes*

Administrative/Technical Professional Staff

Maximillian Gill, Chiara Lombardo,*
Russell Miller

Administrative Support Staff

Regine Polynice, Mark J. Tomase,
Aleeka R. Wade

POPULATION COUNCIL PRODUCT DEVELOPMENT PROGRAM MANAGEMENT

Senior Administrative Staff

Ruth Copeland

Staff Assistant

Erinna W. Bowman

ANNUAL REPORT STAFF

Writer

Gina Duclayan

Art Director/Designer

Y. Christina Tse

Editors

Suzie Elliott, Robert Heidel,
Melissa May

ADVISORY AND COLLABORATIVE BODIES

INSTITUTIONAL REVIEW BOARD

Sheldon J. Segal
Chairperson
Population Council

Arthur Allen
Population Council

Machelle Allen¹
New York University Medical Center

James F. Catterall
Population Council

Andrew Davidson
Columbia University

Ruth L. Fischbach
Columbia University

Rachael N. Pine
Fund for Public Health in New York

Saumya RamaRao
Population Council

June Reidenberg
Scarsdale, New York

John W. Townsend
Population Council

Livia S. Wan²
New York University Medical Center

¹ Effective June 2005.

² Through February 2005.

INTERNATIONAL COMMITTEE FOR CONTRACEPTION RESEARCH

Elof D.B. Johansson
Chairperson
Population Council

Régine L. Sitruk-Ware
Co-chairperson
Population Council

Sheldon J. Segal
Chairperson Emeritus
Population Council

Philippe Bouchard
Hôpital Saint-Antoine, France

Vivian Brache
PROFAMILIA, Dominican Republic

Horacio B. Croxatto
Instituto Chileno de Medicina Reproductiva

Ian Stewart Fraser
University of Sydney, Australia

Anna Glasier
Lothian Primary Care, National Health
Service Trust, United Kingdom

Takeshi Maruo
Kobe University, Japan

Daniel R. Mishell, Jr.
University of Southern California

Eberhard Nieschlag
University of Münster, Germany

Gita Ramjee
Medical Research Council, South Africa

Christina Wang
Harbor-UCLA Medical Center

AWARDS AND CONTRACTS

Awards and contracts are an important means through which the Population Council conducts research, transfers technology, and strengthens institutional capacity. The Council collaborates with government agencies, universities, hospitals, research centers, nongovernmental organizations, and individuals in both developing and developed countries.

AFRICA

Botswana

Premiere Personnel, Gabarone

Burkina Faso

Association African Solidarité,
Ouagadougou

Association Agir Tous Ensemble,
Tenkodogo

Association des Jeunes Volontaires de
Lutte contre le VIH/SIDA et pour la
Sauvegarde de l'Environnement,
Tenkodogo

Association pour la Promotion
Féminine de Gaoua, Gaoua

Association "Responsabilité, Espoir,
Vie, Solidarité," Bobo-Dioulasso

Association Vie Positive,
Ouagadougou

Association Vie Solidaire, Gaoua

Association Yerelon, Bobo-Dioulasso

Comité National de Lutte Contre la
Pratique de l'Excision,
Ouagadougou

Egypt

Centre d'Études et de Documentation
Économiques, Juridiques et
Sociales, Cairo

Near East Foundation, Cairo

Ghana

Center for the Development of People
(CEDEP)

Christian Health Association of Ghana,
Accra

Ghana Health Service, Accra

Ghana Health Service Regional
Directorates

— Brong Ahafo Region Health
Administration, Sunyani

— Central Regional Health
Administration, Cape Coast

— Eastern Regional Health
Administration, Koforidua

— Greater Accra Region Health
Administration, Accra

— Northern Regional Health
Administration, Tamale

— Regional Director of Health
Services, Kumasi

— Upper East Regional Health
Administration, Bolgatanga

— Volta Regional Health
Administration, Ho

— Western Regional Health
Administration, Takoradi

Ghana Social Marketing Foundation
Enterprises Ltd., Accra

Health Research Unit, Ministry of
Health, Accra

Navrongo Health Research Centre,
Navrongo

Noguchi Memorial Institute for Medical
Research, Accra

Regional Hospital, Koforidua

Kenya

Binti Pamoja Center, Nairobi

Centre for African Family Studies,
Nairobi

Family Planning Association of Kenya,
Nairobi

Institute of African Studies, University
of Nairobi, Nairobi

International Centre for Reproductive
Health, Mombasa

Presbyterian Church of East Africa
Chogoria Hospital, Chogoria

Steadman Research Services
International Ltd., Nairobi

Senegal

Centre Régional "Paul Corréa" de
Formation sur les MST et le SIDA,
Dakar

South Africa

Centre for Health Policy, University of
the Witwatersrand, Johannesburg

Community Agency for Social Enquiry,
Braamfontein

The Crisp Trust, Durban

Medical Research Council, Durban

Medical Research Council, Tygerberg

Medical University of Southern Africa,
Ga-Rankuwa

Pinetown Highway Child and Family
Welfare Society, KwaZulu-Natal

Rural AIDS and Development Action
Research Programme, University of
the Witwatersrand, Acornhoek

Thohoyandou Victim Empowerment
Trust, Limpopo

Trust for Health Systems Planning and
Development, Durban

University of Cape Town, Cape Town

The Valley Trust, Bothas Hill

Sudan

Ahfad University for Women,
Omdurman

University of Khartoum, Khartoum

Tanzania

Muhimbili University College of Health
Sciences, Dar es Salaam

Uganda

National Agricultural Research
Organization, Entebbe

The AIDS Support Organization,
Kampala

Zambia

Central Board of Health, Lusaka

Development Aid from People to
People, Zambia, Ndola

Institute of Economic and Social
Research, University of Zambia,
Lusaka

RuralNet Associates Ltd., Lusaka

THE AMERICAS

Argentina

Centro de Encuentros Cultura y Mujer,
Buenos Aires

Bolivia

Programa de Coordinación en Salud
Integral, La Paz

Brazil

Centro de Estudos Augusto Leopoldo
Ayrosa Galvão, São Paulo

Chile

Instituto Chileno de Medicina
Reproductiva, Santiago

Colombia

Fundación Educación para la Salud
Reproductiva, Bogotá

Dominican Republic

Asociación Dominicana Pro-Bienestar
de la Familia, Santo Domingo

Centro de Estudios Sociales y
Demográficos, Santo Domingo

Centro de Orientación e Investigación
Integral, Inc.

Centro de Promoción y Solidaridad
Humana, Puerto Plata

Guatemala

Asociación Pro Salud Preventiva
para la Mujer "Vivamos Mejor,"
Guatemala City

Honduras

Asociación Hondureña de
Planificación de Familia,
Tegucigalpa

Mexico

Colectivo de Educación y Formación
Integral para la Salud, Michoacán

Fundación Mexicana para
Planificación Familiar, AC, Tlalpan

Instituto Nacional de Salud Pública,
Cuernavaca

Nicaragua

Consultorías y Asesorías ALVA S.A,
Managua

United States

The Aaron Diamond AIDS Research
Center, New York, NY

American College of Nurse-Midwives,
Silver Spring, MD

Columbia University Medical Center,
New York, NY

Duke University, Durham, NC

EngenderHealth, New York, NY

Family Health International, Research
Triangle Park, NC

Health Research Association of the
Los Angeles County/University of
Southern California Medical Center,
Los Angeles, CA

Ibis Reproductive Health, Inc.,
Cambridge, MA

International Center for Research on
Women, Washington, DC

International Medical Corps, Santa
Monica, CA

Ipas, Chapel Hill, NC

Johns Hopkins University, Baltimore,
MD

The Miriam Hospital, Providence, RI

Planned Parenthood of San Diego,
San Diego, CA

Program for Appropriate Technology in
Health, Seattle, WA

Tufts University, Boston, MA

Tulane University, New Orleans, LA

University of California, San
Francisco, CA

University of Chicago, Chicago, IL
University of Connecticut Health
Center, Farmington, CT
University of Illinois at Urbana-
Champaign, Champaign, IL

ASIA

Bangladesh

Associates for Community and
Population Research, Dhaka
Bangladesh Rural Advancement
Committee, Dhaka
Institute of Child and Mother Health,
Dhaka
Mitra and Associates, Dhaka
Population Services and Training
Center, Dhaka

India

Centre for Operations Research and
Training, Vadodara
Child-In-Need Institute, West Bengal
Christian Medical College and
Hospital, Vellore
Committee of Resource Organisations
for Literacy, Mumbai
Deepak Charitable Trust, Baroda
Foundation for Research in Health
Systems, Ahmedabad
Freedom Foundation, Bangalore
Government Medical College,
Maharashtra

Indian Network for People Living With
HIV/AIDS, Chennai
International Institute for Population
Sciences, Mumbai
Jan Chetna Manch Bokaro, Jharkhand
K.E.M. Hospital Research Centre,
Pune
MAMTA Health Institute for Mother and
Child, New Delhi
ORG Centre for Social Research,
Division of ACNielsen ORG-MARG
Pvt. Ltd., Baroda
Poor Urban and Rural Women's
Association, Patna
Population Research Center, Baroda
Social Awareness Service
Organization, Manipur
Synovate India Pvt. Ltd., Mumbai
Tata Institute of Social Sciences,
Mumbai

Iran

Hamayan NGO Resource Center,
Tehran

Myanmar

Compass Research Limited, Yangon
Department of Medical Research,
Yangon
United Nations Population Fund,
Yangon

Nepal

Nepal Fertility Care Center,
Kathmandu

Thailand

Department of Psychiatry, Chiang Mai
University, Chiang Mai
Office of the Population Technical
Assistance Team, Bangkok
Research Institute for Health
Sciences, Chiang Mai University,
Chiang Mai
Thai Population Association, Bangkok

Turkey

Istanbul University, Istanbul

Vietnam

Central Commission on Science and
Education, Hanoi
Da Nang Health Service, Da Nang
City
Hanoi School of Public Health, Hanoi
Institute for Social Development
Studies, Hanoi
Khanh Hoa Health Service, Nha Trang
City
People's Aid Coordinating Committee,
Hanoi
University of Medicine and Pharmacy
at Ho Chi Minh City, Ho Chi Minh
City

EUROPE

Germany

Impact on Health e.V., Bad Homburg
Institute of Reproductive Medicine of
the University of Münster

Netherlands

International Antiviral Therapy
Evaluation Center, Amsterdam

Sweden

Medivir, AB

United Kingdom

International HIV/AIDS Alliance,
London
John Snow International Europe,
London

OCEANIA

Australia

Centre for Virus Research, Westmead
Millennium Institute, Sydney

FELLOWS

The Population Council's fellowship programs have helped advance the careers of social and biomedical scientists, public health researchers, and program managers throughout the world. The work of Council fellows has fostered research and informed the creation of population, health, and development policies and programs. We thank The Fred H. Bixby Foundation for a generous \$5 million grant that will enable the Council over the next ten years to offer fellowships to young professionals, primarily from developing countries, and prepare them for leadership in the population, health, and development fields.

BIOMEDICAL FELLOWS

Fellows conduct research at the Center for Biomedical Research. Institutions listed are those with which fellows were affiliated before joining the Council.

THE AMERICAS

United States

Thomas Onorato. Postdoctoral fellow, St. John's University, NY. Peroxiredoxins, thioredoxins, and oxidative stress in male fertility regulation.

ASIA

China

Li-Qiang Fan. Postdoctoral fellow, Shanghai Institute of Biochemistry, Chinese Academy of Sciences and East China University of Science and Technology. Study of the molecular mechanism of male reproductive hormone action using a transgenic mouse experimental model system.

Jifan Li. Postdoctoral fellow, Biomaterials Research Unit, Department of Chemical Engineering and Applied Chemistry, Aston University, Birmingham, United Kingdom. Identify and modify Carraguard® using chemical methods.

Qiufan Wang. Predoctoral fellow, Department of Zoology, University of Hong Kong. Study the coxsackievirus and adenovirus receptor (CAR) and its role and regulation of blood–testis barrier dynamics during spermatogenesis.

William Xia. Predoctoral fellow, Department of Zoology, University of Hong Kong. Unraveling the signaling pathways used by AF-2364 and cytokines that regulate Sertoli–germ cell adhesion in the testis.

Helen Yan. Predoctoral fellow, Department of Zoology, University of Hong Kong. Unraveling the integrin/laminin protein complex that regulates Sertoli–germ cell adhesion and blood–testis barrier dynamics in the testis.

India

Pankaj Lamba. Postdoctoral fellow, Department of Physiology, All India Institute of Medical Sciences, New Delhi. Mechanisms of basal and activin-regulated follicle-stimulating hormone beta subunit transcription in the rodent pituitary gland.

Oli Sarkar. Predoctoral fellow, Pondicherry University, School of Life Sciences. Interactions of cytokines and AF-2364 on Sertoli–germ cell interactions in the testis.

Israel

Margarita Vigodner. Postdoctoral fellow, Tel Aviv University. The small ubiquitin-related modifiers (SUMOs) and regulation of human spermatogenesis.

Japan

Tomomoto Ishikawa. Postdoctoral fellow, Kobe University School of Medicine. Kinase-based regulation of Sertoli cell expression of START-domain lipid-transfer proteins.

EUROPE

France

Laurence Vachot. Postdoctoral fellow, University of Lyon. Innate immune responses of dendritic cells to HIV and *Candida albicans*.

Germany

Susanna Trapp. Postdoctoral fellow, University of Erlangen. Cellular and molecular mechanisms of virus modulation of dendritic cell function that drive HIV infection over immune activation.

Greece

Panagiotis Vagenas. Postdoctoral fellow, Imperial College London. Modulation of mucosal dendritic cells to boost preventative and therapeutic vaccine efficacy.

Italy

Silvia Peretti. Predoctoral fellow, Istituto Superiore di Sanità, Rome. HSV-2 infection and how modulation of macaque dendritic cells influences mucosal transmission of immunodeficiency viruses.

OCEANIA

Australia

Gavin Morrow. Postdoctoral fellow, University of Sydney, Westmead Millennium Institute, Sydney. Innate dendritic cell and regulatory T cell responses in macaque mucosal tissues and their involvement in immunodeficiency virus infection.

Stuart Turville. Postdoctoral fellow, University of Sydney, Westmead Millennium Institute, Sydney. HIV infection of dendritic cells, dendritic cell–driven dissemination of virus to T cells, and prevention of mucosal infection through microbicides.

INTERNATIONAL PROGRAMS DIVISION FELLOWS

AFRICA

Kenya

Jill Keesbury. Collaboration on the African Forum on Emergency Contraception and the Reproductive Health Policy in Ethiopia (Michigan Fellow).

Nzoya Munguti. Africa Regional Reproductive Health Economics Fellow, Frontiers in Reproductive Health.

South Africa

Michelle Seibou. South Africa Reproductive Health Michigan Fellow, Frontiers in Reproductive Health.

ASIA

India

Pradeep Panda. Asia and Near East Regional Reproductive Health Economics Fellow, Frontiers in Reproductive Health.

The following India fellows are supported under the Health and Population Innovation Fellowship program.

Anjali Bhaskar Borhade, Nasik. Addressing sexual and reproductive health for unorganized seasonal migrant adolescents, women, and youth.

Paramita Chaudhuri, Kolkata. Understanding sexual harassment in the health sector.

Nasiruddin Haider Khan, Lucknow. Challenging myths and misconceptions: Communicating women's rights in Islam.

P. Kousalya, Chennai. Advocating for the issues of women living with HIV/AIDS in India.

Saritha Nair, Mumbai. Developing positive partnerships: Pathway to better maternal health.

Archana Oinam, Manipur. Exploring the links of drug use and sexual risk practices among young female injecting drug users in Manipur.

Vani Periodi, Dakshin Kannada. Empowering young men and women to become sensitive partners and responsible parents.

Rajalakshmi, Chennai. Informed consent in reproductive health services: Research on women's access to public and private health care institutions in Chennai.

Dipa Sinha, Secunderabad. Safe motherhood through community mobilization.

Rachna Sujay, Gujarat. Youth culture: Sexual norms and behaviors of college students in Gujarat.

Monisha Vaid, Gurgaon. Personal competencies, social networks, and risk taking: Understanding emerging issues among youth in business process outsourcing.

Akhila Vasan, Bangalore. Understanding visual media and young people's gender and sexuality attitudes and behavior in a peri-urban site in South India.

Vietnam

The following Vietnam fellows completed the master's in public health degree at the institutions listed.

Duong Quang Le. University of Illinois, Chicago.

Thao Thuy Lan Le. University of Washington.

Tuan Anh Le. Columbia University.

Cuong Dinh Nguyen. University of Pittsburgh.

Ha Thi Thanh Nguyen. University of Illinois, Chicago.

Minh Duc Nguyen. University of Washington.

Hoa Dinh Pham. Boston University.

Hung Quoc Pham. Boston University.

Phuoc Van Pham. University of California, Los Angeles.

Van Thi Thuy Phung. Boston University.

Chinh Van Vu. Emory University.

Nguyen Cong Vu. Brown University.

The following Vietnam fellows completed master's degrees in reproductive health, sexuality, and the social sciences at the institutions listed.

Thuy Thi Thanh Bui. University of Amsterdam.

Oanh Thi Hai Khuat. London School of Hygiene and Tropical Medicine.

Cuong Manh La. San Francisco State University.

Dien Van Le. Boston University.

Lan Thi Thu Nguyen. San Francisco State University.

Quynh Anh Thi Nguyen. San Francisco State University.

Hanh Hong Pham. University of Amsterdam.

Hoang Thi Thu Tran. University of Melbourne.

Oanh Thi Kim Tran. University of Melbourne.

MEAWARDS

Middle East fellows undertake interdisciplinary studies in population and the social sciences. The program focuses on capacity building in specific countries.

AFRICA

Egypt

Ihab Ra'afat Abdelaziz, Cairo. Modification of module of El Mulad doll (Culture and Health Awards Program).

Walid M. Badr, Giza. Children's nutrition theater (Culture and Health Awards Program).

Ghada Boutros, Cairo. Coptic immigrant churches: A "piece from home" away from home.

Iman El Tahlawi, Cairo. Nutritional patterns of Egyptian women (Culture and Health Awards Program).

Inas Hamdi, Alexandria. Health housing module in Sidi Barami (Culture and Health Awards Program).

Fuad M. Hassanen, Aswan. Raising health awareness of the local community in Abu Haga's village (Culture and Health Awards Program).

Sherif Labeeb, Minia. Modification of a traditional oven (Culture and Health Awards Program).

Sana Mabrouk, Alexandria. Guidebook for tanning hazards and protection (Culture and Health Awards Program).

Sudan

Zuhair Elfadil Abdalla, Khartoum. HIV/AIDS knowledge, attitudes, and practice study in Rubkona and Paryang localities, Unity State/Sudan (Technical Capacity Building Awards Program).

Huda Mohammed Ahmed, Khartoum. Socioeconomic and demographic determinants of demand for modern delivery care in the Shurg-Anil rural area (Technical Capacity Building Awards Program).

Abubakr Ali Al Karouri, Khartoum. University students in Khartoum State: Are they capable of meeting the STI and HIV/AIDS threat? (Technical Capacity Building Awards Program).

May Ali Babiker, Khartoum. Understanding child labor in Sudan: The case of domestic workers (Technical Capacity Building Awards Program).

Abdelgadir Ali Bashir, Khartoum. Knowledge, attitudes, practice, and behavior of secondary school students related to HIV/AIDS infection in Khartoum State, 2005/Sudan (Technical Capacity Building Awards Program).

Lamia Eltigani Elfadil, Khartoum. Mothers' perceptions of care seeking for acute illness episodes in infants—Umbadda area/2005 (Technical Capacity Building Awards Program).

Abdalla Abdelhadi El-Sheikh, Khartoum. Knowledge, attitudes, and practice survey on HIV/AIDS among street children staying in the rehabilitation center, Khartoum State (Technical Capacity Building Awards Program).

Omer Ali Ibrhim, Khartoum. Are women tea sellers vulnerable to HIV/AIDS? A knowledge, attitudes, and practice study in Khartoum State (Technical Capacity Building Awards Program).

Mohammed Ahmed Sidahmed, Khartoum. Quality of antenatal care provided at primary-level health centers in Khartoum State (Technical Capacity Building Awards Program).

THE AMERICAS

United States

Ozlem Atlan, New York. The American third world: Globalization and local acculturation of the elite in the Middle East.

Suad Joseph and Mona Khalaf, Davis, CA. Arab families: Public discourse and border crossings.

ASIA

Lebanon

Ray Jureidini, Beirut. Social profile and analysis of foreign female domestic employees in Lebanon.

Palestine

Lamis Abu Nahleh and Penny Johnson, West Bank. Palestinian families in the second intifada: The dynamics of survival, resistance, and change.

Lisa Taraki, Birzeit. Urban and class dynamics in Palestine.

Livia Wick, Ramallah. Childbirth in Palestinian oral history: The transformation of health practices and politics.

Turkey

Nuri Zafer Yenil and Caglar Keyder, Istanbul. Agrarian change under globalization: Post-national paths of rural transformation.

Murat Yuksek, Istanbul. Forced migration of Kurds and the politics of internal displacement in the making of modern Turkey.

EUROPE

United Kingdom

Baris Karapinar, London. Rural transformation in Turkey: Relative viability of small-scale family production in agriculture from 1980 to 2003.

POLICY RESEARCH DIVISION FELLOWS

AFRICA

Malawi

Flora Nankhuni. Postdoctoral training in demography, University of Pennsylvania.

THE AMERICAS

Mexico

Vladimir Canudas-Romo. Postdoctoral training in demography, Pennsylvania State University (DeWitt Wallace fellow).

United States

Ayaga Bawah. Postdoctoral resident training, Population Council, New York (Bernard Berelson fellow).

Sharon Ghuman. Postdoctoral resident training, Population Council, New York (Bernard Berelson fellow).

Solène Lardoux. Postdoctoral resident training, Population Council, New York (Bernard Berelson fellow).

GHANA FELLOWS

Fellows advance the work of the Navrongo Health Research Centre in northern Ghana.

Philip Baba Adongo. Postdoctoral family planning, fertility, and gender research on the Community-based Health Planning and Services initiative (Navrongo Health Research Centre, Mellon fellow).

Cornelius Debpuur. Postdoctoral research in adolescent sexual and reproductive health (Navrongo Health Research Centre, Rockefeller fellow).

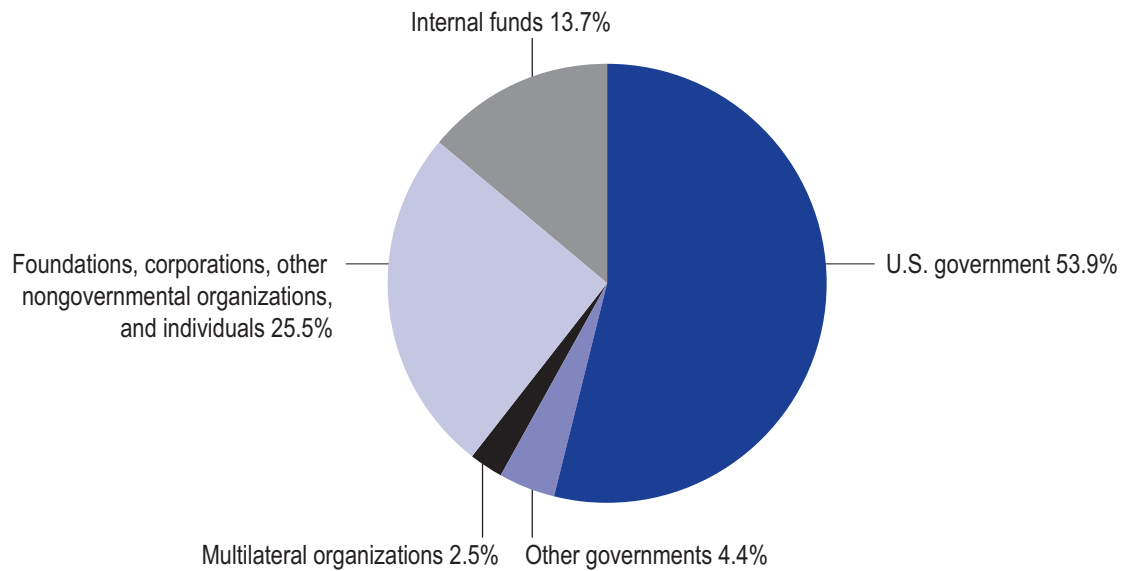
FINANCIAL REPORT

In 2005, the Population Council recorded expenditures of \$74.4 million, up 3.9 percent from 2004. The Council experienced a 4 percent increase in program services due mostly to the growth of activities in the International Programs Division. We experienced strong support from a broad range of donors. Donor grants and gifts increased 13.2 percent. The Council's royalty stream has also benefited from the success of health products developed in our laboratories.

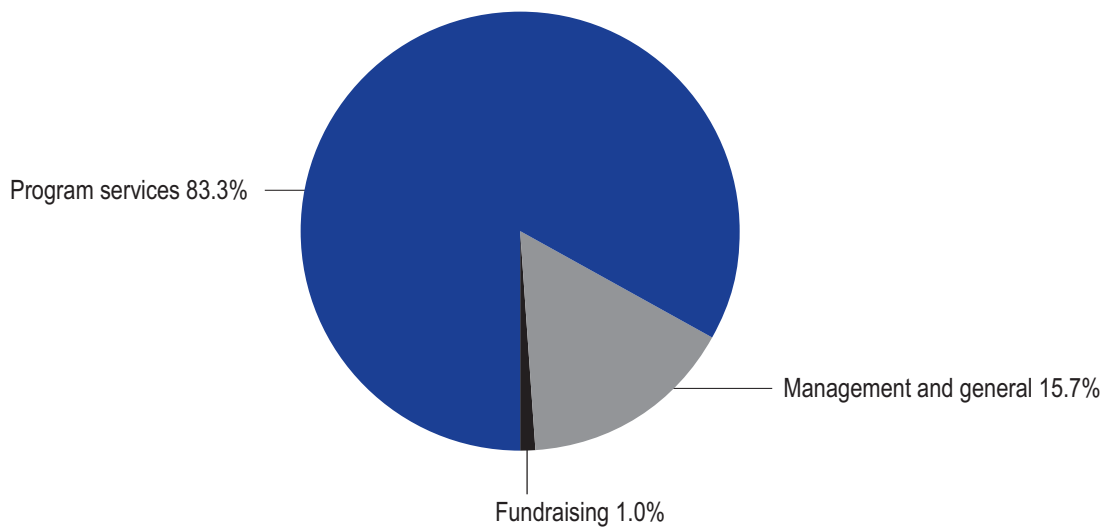
The following pages present summary financial statements and a list of the generous donors whose funds supported the Council's activities in 2005.

SOURCES OF SUPPORT FOR 2005 ACTIVITIES

TOTAL \$74.4 MILLION



USES OF FUNDS



STATEMENT OF ACTIVITIES

For the year ended December 31, 2005 with comparative totals for 2004 (in thousands of dollars)

	Unrestricted		Temporarily restricted	Permanently restricted	Total	
	General and fixed assets	John D. Rockefeller 3rd Memorial Fund and other			2005	2004
OPERATING REVENUE						
Grants and gifts	972	685	59,753	1	61,411	54,248
Royalties	6,920				6,920	4,896
Other operating revenue	134	4,752	1,311		6,197	5,738
Net assets released from restrictions	64,006		(64,006)			
TOTAL OPERATING REVENUE (LOSS)	72,032	5,437	(2,942)	1	74,528	64,882
OPERATING EXPENSES						
PROGRAM SERVICES						
International Programs Division	32,679				32,679	30,543
Center for Biomedical Research	23,864				23,864	23,060
Policy Research Division	4,026				4,026	4,127
Distinguished Colleagues	284				284	425
Publications	1,118				1,118	1,461
TOTAL PROGRAM SERVICES	61,971				61,971	59,616
SUPPORTING SERVICES						
Management and general	10,145	1,381			11,526	11,211
Fundraising	688				688	735
TOTAL SUPPORTING SERVICES	10,833	1,381			12,214	11,946
TOTAL OPERATING EXPENSES	72,804	1,381			74,185	71,562
(Deficiency) excess of operating revenue over operating expenses	(772)	4,056	(2,942)	1	343	(6,680)
Transferred to/from endowment	926	(926)				
Loss on lease obligation	(960)				(960)	(2,509)
Net unrealized gain (loss)	26	(1,234)	(276)		(1,484)	5,000
(DECREASE) INCREASE IN NET ASSETS	(780)	1,896	(3,218)	1	(2,101)	(4,189)
NET ASSETS AT BEGINNING OF YEAR	8,785	68,962	77,700	5,483	160,930	165,119
NET ASSETS AT END OF YEAR	8,005	70,858	74,482	5,484	158,829	160,930

BALANCE SHEET

December 31, 2005 and 2004 (in thousands of dollars)

	2005	2004
ASSETS		
Cash and investments	106,893	111,146
Grants and gifts receivable	55,239	51,462
Other assets	8,518	6,610
Fixed assets, net	11,248	12,577
TOTAL ASSETS	181,898	181,795
LIABILITIES AND NET ASSETS		
LIABILITIES		
Accounts payable and accrued expenses	4,273	3,259
Awards, contracts, and fellowships payable	7,212	7,229
Other liabilities	11,584	10,377
TOTAL LIABILITIES	23,069	20,865
NET ASSETS		
Unrestricted		
General—undesignated	8,005	8,785
John D. Rockefeller 3rd Memorial Fund and other	70,858	68,962
Temporarily restricted	74,482	77,700
Permanently restricted	5,484	5,483
TOTAL NET ASSETS	158,829	160,930
TOTAL LIABILITIES AND NET ASSETS	181,898	181,795

A complete set of financial statements audited by KPMG LLP can be obtained by writing to the Council Treasurer.

SOURCES OF SUPPORT IN 2005

We thank the governmental agencies, multilateral organizations, foundations, and individuals listed below for supporting the Population Council's mission to improve the reproductive health and well-being of the world's most vulnerable people. Individuals, communities, and governments worldwide are facing daunting challenges such as poverty, disease, and HIV and AIDS. Grants and contributions to the Council make it possible to address the population, health, social, and economic aspects of such challenges from multidisciplinary perspectives and develop evidence-based recommendations for policy and programmatic improvement.

The Population Council welcomes gifts at all levels. Unrestricted gifts to the Annual Fund provide the flexibility to explore promising new approaches to seemingly intractable problems and disseminate lessons learned about what works in the real world.

Contributions can be made by check or credit card as well as online at www.popcouncil.org/supporting/index.html. Gifts of appreciated securities, bequests, charitable remainder and lead trusts, and designations of the Council as beneficiary of insurance policies or pension plans are greatly encouraged. Your financial or tax advisor is the best source of guidance on giving options to meet your financial and philanthropic goals. All contributions to the Population Council are tax deductible in the United States.

Contributions or requests for further information should be sent to Ruth Kalla Ungerer, Director of Development, Population Council, One Dag Hammarskjold Plaza, New York, NY 10017 (212-339-0515 or rungerer@popcouncil.org).

GOVERNMENTS AND GOVERNMENTAL AGENCIES

Government of Burkina Faso
Government of Canada
— Canadian International Development Agency
Government of Denmark
Government of Egypt
— Social Fund for Development
Government of India
— National AIDS Control Organization
Government of Ireland
— Development Cooperation Ireland
Government of Japan
— Japan International Cooperation Agency
Government of the Netherlands
Government of Sweden
— Swedish International Development Cooperation Agency
Government of Thailand
Government of the United Kingdom
— Department for International Development
Government of the United States
— Agency for International Development
— Centers for Disease Control and Prevention
— National Institutes of Health

MULTILATERAL ORGANIZATIONS

European Commission
United Nations Children's Fund (UNICEF)
United Nations Development Fund for Women (UNIFEM)
United Nations Educational, Scientific and Cultural Organization (UNESCO)
United Nations Population Fund (UNFPA)
The World Bank
World Health Organization

FOUNDATIONS, CORPORATIONS, AND OTHER NON-GOVERNMENTAL ORGANIZATIONS

Anonymous (4)
Africare
American University of Beirut
The Atlantic Philanthropies
Better World Fund
The Fred H. Bixby Foundation
Care International
Center for Global Development
Center for Health and Population Research

Chemonics International, Inc.
Church World Service
Columbia University—Center for International Earth Science Information Network
Compton Foundation
Cornell University
The Dickler Family Foundation
Eastern Virginia Medical School
EcoTrust
Economic Research Forum
Family Health International
The Ford Foundation
The Futures Group International
Bill & Melinda Gates Foundation
Elizabeth Glaser Pediatric AIDS Foundation
Greenstar Social Marketing
Gynuity Health Projects
The Lita Annenberg Hazen Foundation
The William and Flora Hewlett Foundation
Institute for Population and Social Research
Institute of International Education
Instituto Promundo
International Partnership for Microbicides, Inc.
George Frederick Jewett Foundation
The Johns Hopkins University
JSI Research and Training Institute
William H. Kearns Foundation
F. M. Kirby Foundation
Levi Strauss Foundation
The Libra Foundation
The London School of Hygiene & Tropical Medicine
Los Angeles Biomedical Research Institute at Harbor-UCLA
The John D. and Catherine T. MacArthur Foundation
Macro International, Inc.
The Abby R. Mauzé Trust
The Andrew W. Mellon Foundation
The Moriah Fund
The New Leaf Fund
Stavros S. Niarchos Foundation
Nike Foundation
The David and Lucile Packard Foundation
Partners in Technology Exchange
Partridge Foundation
Pathfinder International
Polisher Research Institute
Program for Appropriate Technology in Health
Rapidan Foundation
Right to Play
The Rockefeller Foundation
The Blanchette Hooker Rockefeller Fund
Save the Children
Schering AG
The Spencer Foundation

Sidney Stern Memorial Trust
Tides Foundation
Transport Corporation of India
Foundation
The Turner Foundation, Inc.
United Nations Foundation
University of California, San Francisco
University of California, Institute for
Mexico and the United States
University of Michigan
The Wildwood Foundation

COUNCIL ENDOWMENT FUNDS

Center for Biomedical Research
Endowment
DeWitt Wallace–Reader’s Digest
Fellowship Fund
The George J. Hecht Fund
New Capital Fund
Policy Research Division Endowment
The John D. Rockefeller 3rd Memorial
Fund
Christopher Tietze Fellowship
Endowment Fund

ENDOWMENT GIFTS

Estate of John W. Beach
Barbara B. Ebert
Elof D. Johansson and Leena
Ruusuvaara
Julie A. Robichaud
Adolph and Ruth Schnurmacher
Foundation
Ruth Kalla and Richard A. Ungerer

INDIVIDUAL DONORS AND FAMILY FOUNDATIONS

PRESIDENT’S ADVOCATES (DONORS OF \$1,000 OR MORE)

Anonymous (3)
Robert E. Adams and Nancy R.
Joseph-Adams
Timothy S. and Anne M. Allen
Sandra D. and Ethan D. Alyea, Jr.
John R. Bermingham
Andrew Boas
Leonard Broom
Sheila Gamble Cook
Robert W. and Nancy E. Cowgill
Cowles Family Foundation
Stephen Doig and Marion E. Cass
Peter J. and Nancy R. Donaldson
Glen M. Feighery
Lynn A. Foster
Ronald Freedman

Andrew L. Frey
Robert W. Gillespie
Virginia R. Glidden Charitable Lead
Trust
Golden Family Foundation
Matthew P. Hardy
Yoshio Hatano
Paul C. Haughey
Rafael G. Heller and Michal Avni
The William W. Hildreth Fund of
Fidelity Investments Charitable Gift
Fund

DeWitt Hornor
Abner and Diana D. Kingman
Charles D. and Jane Klein
Lee Lowenstein
Elizabeth J. McCormack
Friedrike Merck
Robert B. and Bethany Millard
Millstream Fund
Samarendranath and Rekha Mitra
Baty R. Monder
Virginia P. and Robert L. Montgomery
Ostgrodd Foundation
Marnie S. and Donald Pillsbury
Lyle H. Ramshaw
David M. and Ann Reynolds
Thomas L. Richie and Diane Pascal
David Rockefeller
Rachel and Daniel Rocker
Philanthropic Fund of the
Jewish Communal Fund

Betsy and John Rolls
The Seventh Street Fund of the
Minneapolis Foundation
S. H. and Helen R. Scheuer Family
Foundation, Inc.
The Shenandoah Foundation
Cherida C. Smith
Sylvia C. and Donald F. Stanat
Ernest E. Stempel Foundation
Sue S. Stewart
Rodney B. and Sukey N. Wagner
Lucy R. Waletzky
Mark A. and Tania Walker
Dennis and Marion C. Weatherstone
The Warren F. Weck, Jr. Charitable
Trust
Effie E. Westervelt
Rena J. Zieve and Greg J. Kuperberg

CONTRIBUTORS

Anonymous (6)
Charles C. Abele
Rosalind S. Abernathy
Donald J. and Dena C. Abrams
Harry A. Ackley
John L. Addis
Richard M. Adler

Joel W. Ager
Lindsay S. Alger
Tammy Allen and Daniel Gropper
Gay R. Anderson
Peter O. Anderson
Linda Andes-Georges and Jean-Pierre
Georges
Brenda J. Anding
Brian Arbogast
Beverly M. and James A. Armstrong
Bonnie and Jack Armstrong
Sandra P. and Lawrence Arnold
Virginia H. Baker
Nancy L. Balch
William N. and Margaret E. Bancroft
Ned W. and Jean Bandler
Bruce A. Barletta
Calvin C. Barnard
Jonathan and Judith Baron
Sylvia E. Barr
Margaret P. Battin
Howard F. and Mary Lou Bauman
Penelope N. and John W. Beasley
Rachel G. Beck and Jeremy Naftel
Katrina H. Becker
Sarah Behrendt
Jane G. Bensahel
Esther A. Berliner
David L. Bersohn
Giuseppe and L. Elizabeth Bertani
Richard D. and Kay Bertken
John H. Blake
Claire Bloom
Thomas S. Blount
Sharon Boatright
Elspeth G. Bobbs
Susan L. Bonhaus
Boorstein Family Fund
John W. and Claire Bossung
Robert R. and Theodosia C. Bowie
Paul C. and Marilyn L. Box
Susan L. Bradford
Janet Bradlow and Joseph H. Schmitt
Jane M. Bradshaw
Lyman B. Brainerd
Deborah G. and Michael G. Branton
Courtney E. Broadus
Alice C. Brown
Christopher N. Brown
Elizabeth K. and Bertrand H. Brown
Trudy B. Brown
James L. Buhler
Vern L. Bullough
Mary L. Bundy
David O. Caldwell
Roald Cann
Carol Carpenter-Yaman
Cora Jean Castagnaro

Robert D. and Veronica Catenaro
William W. Chadwick, Jr.
Yuchiao Chang
Paul F. Chaveriat
Carl F. Christ
Paul E. Christopher
Michele M. Clancy
Jim E. and Holly Clemans
Mr. and Mrs. J. W. Cliett
Theodore and Alice Ginott Cohn
Tom and Sophie L. Collins
Donors to the Combined Federal
Campaign
Mercedes B. Concepción
William A. Conrad
Jonathan A. Cook
David A. Copen
Edgar Corn
Mary and Ronny Cox
Donald H. and Maurine P. Crawford
Christopher S. and Karen H. Cronan
Roberto Cuca
Ronald C. Curhan
Eliese S. Cutler
Philip Darney and Uta Landy
Tony Day
Noel de Nevers
Charles H. Debrovner
Joan Degiorgio
John Deitsch
Katherine Delaney
Constance P. Dent
Isabelle Dierau
Lynn Dimmick
Andrew YQ Ding
Jill H. and Morris Dixon, Jr.
Mary I. and William A. Dobrovir
Eric D. Dodge
Mary H. Dodge
Stanley F. and Elizabeth G. Dole
Elvira Doman
Bruce K. and Lois M. Donaldson
Virginia G. Doster
Ann M. and Henry I. D’Silva
Norman A. Dudziak, Jr.
Constance Duhamel
Alice H. Eagly
Greg Edblom
Leon and Carola Eisenberg
Michael H. Elkin
John M. Ely, Jr.
Ernst and Jan Epstein
Clarissa P. Erving
Norman A. Estabrook
Joyce E. Faber
H. K. and Nancy W. Faulkner
Jerome Feder
Arnold M. and Jeanne M. Feingold

Robert K. Fernekes and Elaine Chernoff
Philip L. Ferro
John S. Fine
Rosalind E. Finn
Douglas T. Fischer
John D. and Margaret M. Fogarty
Matthew J. Fortune
Henry W. Foster, Jr.
Edward D. and Ramona C. Foulke
Helen E. Fox and Rex R. Robison
Stephen D. Fox
Greg Freer
Elizabeth M. Freund
Jill Fried
Richard Friedberg
Robert H. and Rochelle R. Friedman
Jeffrey W. Froehlich
Anne E. Fry
Thomas and Janet R. Gabor
Sheryl P. Gardner
Lydia Garvey
Gwen P. Gentile
Elwood Gerrits
Mark M. Giese
Creighton E. Gilbert
John E. and Nancy J. Gilliland
Abby A. Gilmore
Alyce M. Gligor
Teresa Gloster
Robert F. Goheen
Marjorie J. and Herman Goldberg
Rachel E. Goldberg and Zachary T. Nelson
Elizabeth A. Golubitsky
Elizabeth C. Goodson
Gregg M. and Ruth K. Gorrin
Dorothy C. Gosting
Sallie T. Gouverneur
William M. Grady and Karen D. Tsuchiya
Franklin Grapel
Alice H. and Ralph W. Greenlaw
Mary J. Greer
Roger L. Greif
Mark Guempel
Gordon and Llura Gund
Ronald C. and Merle J. Gustafson
Anke and Peter Haberland
Doris C. Halaby
Robert Metcalf Hall, Jr.
Karen Hansen and Andrew L. Bundy
Carol W. and John Hardenburg
Aljean and Richard S. Harnetz
Helen R. Hauge
Elizabeth H. and George E. Hawes
Mark and Jane Heald
Stephen F. Heartwell
Carol Hecker-Davis and Christopher P. Davis
Albert I. and Jolene C. Hermain
James F. Herndon
Elizabeth-Ann and David Herrick
Willard J. and Annette B. Hertz
Judith Herzfeld
Susan J. Hessel
Laurel Hester and Robert Raguso
Susan E. Hetherington
Harold E. Hill
Robert W. and Rosemary F. Hill
Christopher S. Hinds
Kay F. and Walter J. Hipple, Jr.
Hans George Hirsch
Donald and Alice E. Hirschfeld
John Hirschi Donor Advised Fund of the Wichita Falls Area Community Foundation
Charles Hirschman
Edward S. Hochman
Wolfgang P. and Jutta B. Hoehenwarter
Oscar G. and Lois M. Hoerner
Douglas W. and Barbara E. Holdridge
Norman and Jane K. Holland
Paula E. Hollerbach
Frederick W. Hollmann
Merriman H. Holtz, Jr.
Robert and Linda Holub
Jane R. Hopkins
Mike R. and Diane M. Hopkins
Joseph L. Horner
James F. Hornig
Holiday S. and Philip A. Houck
Richard R. and Elizabeth C. Howe
Stephen Huey
Jerrold W. Huguet
Paul Armstrong Humphrey
Catherine M. Hunt
Yorick G. Hurd
Douglas L. and Lucena S. Hutton
William P. Huxley, Jr.
Peter M. Illingworth
Jeanne and Bruce Imai
Robert L. Ingram and Lynda J. Eckard
Rose G. Jacobs
Stanley S. Jacobs
Charles L. Jensen
Steven Jervis
Sandra and Ronald C. Johansson
Sheila R. David Johansson
Diane and Theodore R. Johnson, Jr.
Richard S. Johnson and May J. Reed
Timothy L. and Nancy E. Johnson
Denis F. and Lois R. Johnston
Elise F. Jones
J. Eric Juterbock
Eugene H. and Breena Kaplan
James A. Kaplan
Rachel and Stephen Kaplan
Thomas G. Karras
Shelley Karson
Ernest L. Kastenbein
Thomas J. and Meta Katz
Deborah D. and Edward M. Keating, Jr.
Deborah L. and Richard A. Keefe
Steven Keleti
Alfred E. Kessler
Charles W. Kettering
Barbara L. Keyfitz and Martin Golubitsky
Paul M. Killough
Kyung Ja Kim
Charles A. and Wilma D. Kindred
Patricia King
A. Larkin Kirkman
Philip K. and Betty A. Klabunde
Jane Klein
Joseph H. and Jeanne W. Klems
Kathy L. Knudsen
Richard D. Koch
Marjorie and Ralph Koldinger
J. Morgan Kousser
Walter and Else A. Kramer
Elliott and Sharon P. Krefetz
Mr. and Mrs. Charles L. Kroll
Amy L. Kummerow
Robert O. and Pauline P. Lagace
John E. and Marie E. Laing
Nancy Jo Lane
Brian L. Larson
Elizabeth J. Lashley
Ingrid Laursen
Robert M. and Ruth C. Law
Charles E. and Patricia G. H. Lawrence
Harriet Lawrence
Barbara W. Lee
Tom A. Lehrner
Jeffrey Leiser
Edwin D. and Judith S. Leonard
Fred and Juanita Leonard
Stephen V. Levee
Cornelia and Herbert Levin
Jack G. Levine and Jeanette W. Melley
Mortimer and Catherine Levitz
David S. and Norma Lewis
Katherine Lewis and Richard A. Chasman
William H. Libaw
William J. and Iris C. Libby
Seymour Lieberman
Margaret M. and Roger Liles
Jack and Inez Lippes
Edith Lodge
Christopher Lokan
Martin and Rhoda Sue Lonow
Enriquito and Mary R. Lu
Merloyd L. Ludington
Arielle Lutwick
Kate Lynch
John C. and Barbara M. Lynskey
Robert D. and Alice G. Mabbs
Walter and Ruth MacGinitie
Marilyn I. Madden
Henry Magaziner
Marilyn J. Malina
Takeshi Maruo
Joel W. and Patricia A. Marx
Luigi Mastroianni, Jr.
Terry L. Maul
Shelagh M. Maxwell
Peter J. Mayer
Irene M. and Downs McCloskey, Jr.
Eleanor P. McKee
Mia and John McLeod
Madeline McWhinney
Samuel A. Meddaugh
Joan N. and Jacob Meerman
Michelle and Rolf J. Mehlhorn
Sarah D. Meredith
Arnold E. Messner
Ernest H. Metzger
John L. and Irene W. Meulemans
Norma G. and Andrew J. Meyerriecks
Nikolajs Mezins
Donald G. and Audrey W. Micklewright
Frances B. and Harry K. Miller, Jr.
Leigh Miller
Timothy B. Miller
Victor Miller
Elizabeth L. Mingle
Donald W. Mischke
Carol and Daniel Mishell, Jr.
Jerry W. Misner
James Mitchell
Mitchell J. and Laura W. Moloney
Jamshid A. Momeni
Don Mordecai and Corina Haberland
Joseph H. and Linda W. Moreng
Daniel S. and Meredith Morris
Peter R. Morrison
Susan K. and Christopher Moss
Doris L. and Richard P. Munger
Mark T. Munger and Katherine L. Bourne
Warren A. Musser
Grace E. Naccarato
Ann and William T. Naffel

Charles B. Nam
 Murray L. and Belle C. Nathan
 LeRoy E. and Anita L. Nelson
 Virginia P. Nelson
 Gretchen M. Newman
 Jerome and Elaine B. Nisselbaum
 Wendell A. Norvell
 E. M. Noyes
 John F. and Lani Diane Ochs
 William E. O'Connor
 Joy and Vern O'Dell
 Valerie K. Oppenheimer
 Harry Ostrer
 Rob O'Sullivan
 Ruth Hyde Paine
 Donald G. Parker
 Jeffrey S. Passel
 Michael Paterson
 Jane S. Pattie
 Daniel K. and Susan A. Paulien
 Tomas J. Pavel
 Thomas W. and Ellen W. Payzant
 David E. and Patricia L. Peach
 Edgar and Phyllis Pears
 Eugene W. and Lorna T. Petersen
 Jan E. Petersen
 Clyde C. Phillips, III
 Judith A. Poehler
 David H. Popper
 Robert T. Porter
 Robert G. Potter, Jr.
 Carole M. Presnick
 Samuel H. and Winnifred D. Preston
 Hector P. and Erica C. Prud'Homme
 Joelle Raichle
 Abraham A. and Senta A. Raizen
 John P. and Brenda L. Raphael
 Michael and Joyce Rapoport
 Habib Rathle
 Apurba K. and Krishna Ray
 Barbara B. and John O. Rees
 David M. and Lieselotte W. Regen
 Warren R. and Nancy J. Reinecke
 Jane P. Relyea and Robert Y. Welles
 Marilyn and Juan Richardson
 George M. and Frances R. Ricker
 Deborah K. Rihn
 Elsa Rivers
 John C. Robbins
 Mordecai Rochlin
 Peter L. and Jane E. Roda
 Michael and Dorothy Rodell
 Kenneth W. and Virginia J. Rogers
 Richard A. Roman
 Charles S. and Evelyn S. Rose
 Sue R. Rose
 Mike P. L. Rosenthal
 Ira Rosenwaike
 June R. Ross
 Kenneth W. Ross
 Penelope and Cornelius Rosse
 Gregory T. Rotter
 Susan T. and George I. Rudnicki
 Kenneth S. Sachs
 Martin L. and Gloria W. Sage
 Donald E. Sanderson
 Kathe D. Sandstrom
 Karen P. Schaefer
 Nancy J. Schieffelin
 Paula L. Schiller
 Michael H. Schloss and Nancy A. Leduc
 Frederick H. and Nancy Link Schmidt
 John J. Schmidt
 Elizabeth Schmidt-Nowara
 Steven Schmitt
 George F. Schnack
 E. Laurie Scholl
 Daniel L. and Lisbeth B. Schorr
 R. M. and Dora Schramm
 F. Yvonne Schulman and Thomas P. Lipscomb
 Howard S. Schultz
 Richard D. Schultz
 Paul C. Schwartz
 Stephen E. Schwartz
 Jutta R. Scott
 Leslie J. Scott
 Perry and Lisa Scott
 Robert L. and Elizabeth H. Scott
 Scott V. Seidewitz
 Marianne E. Selph
 William Seltzer
 Cynthia L. and Michael D. Sevilla
 J. C. and Mardelle F. Shagool
 B. Kathleen Shamp
 Peter Sheldon
 Alan E. Sherman
 Albert E. and Judith Sherwood
 G. Edward and Joyce Shissler
 Daniel C. and Joanne T. Shively
 Lance Shoemaker
 Susan E. Short and John F. Karl
 Peter O. Shull, Jr.
 Judith Siebert
 Martin and Linda Siecke
 Karen A. Signell
 Daniel Silver
 Lawrence P. Simms and Alison G. Ho
 S. Aaron Simpson
 H. King Sinclair
 Peter Sinclair
 Frank W. Sinden
 Audrey S. and Robert V. Slinkard
 Walter and Susan Slowinski
 Anne K. and Winthrop W. Smith
 Daniel S. Smith
 John T. and Margaret B. Smith
 Laura L. Smith
 M. K. Smith
 Michael C. and Linda L. Smith
 Nancy V. Smith
 Stanley C. and Marjorie S. Smoyer
 Samuel M. Snipes
 Margaret E. Sowerwine
 Janice B. Spofford
 Jane N. Spragg
 Mark A. Stanley
 Barbara H. Stanton
 Martha F. Steel
 Edith M. and Guy Sternberg
 Dale Stewart and Keith Knox
 John C. Stickler
 Craig Stine
 Katy R. Stokes and David C. Esseks
 Stuart Reagan Stone
 Gordon F. and Ruth B. Streib
 Jean H. Stuart
 Anthony L. Sullivan
 John K. and Elizabeth A. Sullivan
 Steven Sun and Jenny Kim
 Bruce E. Sundquist
 Earl Sutherland
 Stanford Taylor
 Inga Thompson
 Janet M. Throop
 David Tier
 Harriet B. Todd
 George P. Topulos and Janet M. Pelerossi
 William J. Towle
 Alice Trattner
 Roy C. and Carolyn W. Treadway
 Kathryn Trepinski
 Tom and Elke Trilling
 Eugene A. and Emily B. Troxell
 Tom D. Turner
 Richard B. Tweedy
 Carolyn and Mack Tyner, Jr.
 Audrey Z. Unger
 George Vacek
 Kathy and David G. Van Dame
 S. Jean Van Der Tak
 Joanna M. Vandenberg
 June R. Velasquez
 Ginger and James B. Vetrano
 Carl B. Wagner
 Inge Wagner
 William and Jennifer A. Wahbeh
 Timothy M. Wallace
 Tim Walter
 Nicole and Jordan D. Warshaw
 Sloan R. and Mayneal M. Wayland
 Frank C. Wedl
 D. Reid Weedon, Jr.
 Peter A. Weida
 John H. Weisburger
 Jed Weissberg and Shelley Roth
 Barbara F. Wells
 Harris Weston
 The Westport Fund
 William H. and Janislee A. Wiese
 Carolyn Moomaw Wilhelm
 Linda B. Williams
 George Winard
 Paul Winder
 John Winer
 M. Kraemer Winslow
 Ellen Wisdom and Robert L. Griswold
 Christoph Witzgall
 Joel Wolcoski
 Oliver and Helen M. Wolcott
 Howard E. and Nancy J. Wolff
 Tyra Wolfsberg
 Michael J. and Hyonye C. Wolter
 Gordon R. Wright
 Gooloo S. Wunderlich
 George A. and Lillian M. Yabroud
 Barbara Yanni
 Jerrold M. Yos
 Alice M. Young
 Andrew W. Zanella
 Hector and Eugenia Zavaleta
 Colleen M. Zeitz and Kevin A. Lindamood
 H. Neil Zimmerman
 Margot and Paul Zimmerman Fund of the Community Foundation for the National Capital Region
 Albert Zucker
 Deborah A. Zucker and Ernst B. Harmse

2005 BOARD OF TRUSTEES

Mark A. Walker
Chairman of the Board
Managing Partner
Cleary, Gottlieb, Steen & Hamilton
New York, New York

Angel Gurria
Vice Chairman of the Board
Secretary-General
Organisation for Economic
Co-operation and Development
Paris, France

Elizabeth J. McCormack
Vice Chairman of the Board
Associate
Rockefeller Associates
New York, New York

Peter J. Donaldson
President
Population Council
New York, New York

Alaka M. Basu
Associate Professor of
Demography
Director, South Asia Program
Cornell University
Ithaca, New York

**H.R.H. Princess
Basma Bint Talal**
Founder and Chairperson
The Jordanian Hashemite Fund for
Human Development
Amman, Jordan

Darcy Bradbury
The Blackstone Group
New York, New York

Marc A. Bygdeman
Professor Emeritus, Obstetrics
and Gynecology
Karolinska Hospital
Stockholm, Sweden

Lynn A. Foster
New York, New York

Ambassador Yoshio Hatano
President
Gakushuin Women's College
Tokyo, Japan

Werner Holzer
Bad Homburg, Germany

Charles D. Klein
Managing Director
American Securities, L.P.
New York, New York

Robert B. Millard
Managing Director
Lehman Brothers, Inc.
New York, New York

Jotham Musinguzi
Director, Population Secretariat
Ministry of Finance and
Economic Planning
Kampala, Uganda

Samuel H. Preston
Frederick J. Warren Professor
of Demography
University of Pennsylvania
Philadelphia, Pennsylvania

Amartya Sen
Lamont University Professor and
Professor of Economics and
Philosophy
Harvard University
Cambridge, Massachusetts

Torsten N. Wiesel
President Emeritus
The Rockefeller University
New York, New York

2005 OFFICERS

Mark A. Walker
Chairman of the Board

Peter J. Donaldson
President

Sandra P. Arnold
Vice President
Corporate Affairs Division

John Bongaarts
Vice President
Policy Research Division

Anrudh K. Jain
Vice President
International Programs Division

Elof D.B. Johansson
Vice President
Center for Biomedical Research

James M. Tuite
Chief Financial Officer and
Secretary-Treasurer

POPULATION COUNCIL OFFICES

UNITED STATES

HEADQUARTERS

Population Council
One Dag Hammarskjold Plaza
New York, New York 10017 USA
telephone: (212) 339-0500
facsimile: (212) 755-6052
e-mail: pubinfo@popcouncil.org
www.popcouncil.org

CENTER FOR BIOMEDICAL RESEARCH

1230 York Avenue
New York, New York 10021 USA
telephone: (212) 327-8731
facsimile: (212) 327-7678
e-mail: biomed@popcbr.rockefeller.edu

WASHINGTON, DC

Population Council
4301 Connecticut Avenue, NW, Suite 280
Washington, DC 20008 USA
telephone: (202) 237-9400
facsimile: (202) 237-8410
e-mail: popcouncil@pcdc.org

LATIN AMERICA AND THE CARIBBEAN

REGIONAL OFFICE—MEXICO

Population Council
Apartado Postal 12-152
C.P. 04021 México
telephone: (52-55) 5999-8630
facsimile: (52-55) 5554-1226, 5999-8673
e-mail: rpoire@popcouncil.org.mx

BOLIVIA

Population Council
Calle F. Guachalla No. 342
Edificio Víctor, 3rd Floor
La Paz, Bolivia
telephone and facsimile: (591-2) 244-0287
e-mail: fgonzales@popcouncil.org.bo

BRAZIL

Population Council
Caixa Postal 6509
Cidade Universitária
Campinas, São Paulo, Brasil
Cep. 13084-970
telephone: (55-19) 3249-0121/2,
3289-4890/5864
facsimile: (55-19) 3249-0122
e-mail: pcbrazil@popcouncil.org.br

GUATEMALA

Population Council
4a Avenida 6-74
Zona 14, Colonia El Campo
Ciudad de Guatemala 01013, Guatemala
telephone and facsimile: (502) 333-4554
e-mail: popcouncil@popcouncil.org.gt

SOUTH AND EAST ASIA

REGIONAL OFFICE—INDIA

Population Council
Zone 5A, Ground Floor
India Habitat Centre
Lodi Road
New Delhi 110003, India
telephone: (91-11-2) 464-2901/2,
464-4008/9, 465-2502/3, 465-6119
facsimile: (91-11-2) 464-2903
e-mail: monica@pcindia.org

BANGLADESH

Population Council
P.O. Box 6016
House CES (B) 21, Road 118
Gulshan, Dhaka, Bangladesh
telephone: (880-2) 882-1227/6657,
881-1964/2384
facsimile: (880-2) 882-3127/32
e-mail: dipak@pcdhaka.org

THAILAND

Population Council
37/1 Soi 15
Petchaburi Road
Phayathai
Bangkok 10400, Thailand
telephone: (66-2) 653-8586/7,
251-4766/7066, 253-9166
facsimile: (66-2) 255-5513
e-mail: pcbkk@popcouncil.th.com

VIETNAM

Population Council
2 Dang Dung Street
Ba Dinh District
Hanoi, Vietnam
telephone: (84-4) 716-1716/7/8/9
facsimile: (84-4) 716-1707
e-mail: pchanoi@popcouncil.org.vn

SUB-SAHARAN AFRICA

REGIONAL OFFICE—GHANA

Population Council
Medlab Building, 14B Roma Road
Roman Ridge, Accra, Ghana
telephone: (233-21) 780711/2
facsimile: (233-21) 780713
e-mail: info@pcaccra.org

BURKINA FASO

Population Council
01 BP 6250
Ouagadougou 01, Burkina Faso
telephone: (226) 31-12-42/3
facsimile: (226) 31-12-46
e-mail: pcburbkina@popcouncil.bf

KENYA

Population Council
General Accident House
Ralph Bunche Road
P.O. Box 17643
Nairobi 005, Kenya
telephone: (254-2) 271-3480/1/2/3
facsimile: (254-2) 271-3479
e-mail: info@pcnairobi.org

MALI

Population Council
BP E.666 Hamadallaye
Avenue Cheick Zayed
Immeuble ABK1, Apartment 203
Bamako, Mali
telephone: (223) 229-27-64/7
facsimile: (223) 229-94-35
e-mail: sdoumbia@popcouncil.mali.org

SENEGAL

Population Council
BP 21027
Dakar, Senegal
telephone: (221) 865-1255
facsimile: (221) 824-1998
e-mail: pcdakar@pcdakar.org

SOUTH AFRICA

Population Council
Hurlingham Office Park
1st Floor Block D7
Corner William Nicole & Republic Road
Hurlingham
No. 192 Dunkeld West
Johannesburg
2196, South Africa
telephone: (27-11) 438-4400/7200
facsimile: (27-11) 787-7371
e-mail: Indhlovu@pcjoburg.org.za

ZAMBIA

Population Council
Hotel Intercontinental
Haile Selassie Avenue
P.O. Box 32201
Lusaka, Zambia
telephone: (260) 1-250-600, ext. 264
facsimile: (260) 1-251-880
e-mail: pcouncil@zamnet.zm

WEST ASIA AND NORTH AFRICA

REGIONAL OFFICE—EGYPT

Population Council
59 Misr-Helwan Agricultural Road, Maadi
Cairo, Egypt
telephone: (20-2) 525-5965/7/8
facsimile: (20-2) 525-5962
e-mail: pcouncil@pccairo.org

PAKISTAN

Population Council
House No. 7, Street No. 62, Section F-6/3
Islamabad, Pakistan
telephone: (92-051) 227-7439
facsimile: (92-051) 282-1401
e-mail: imran@pcpak.org

