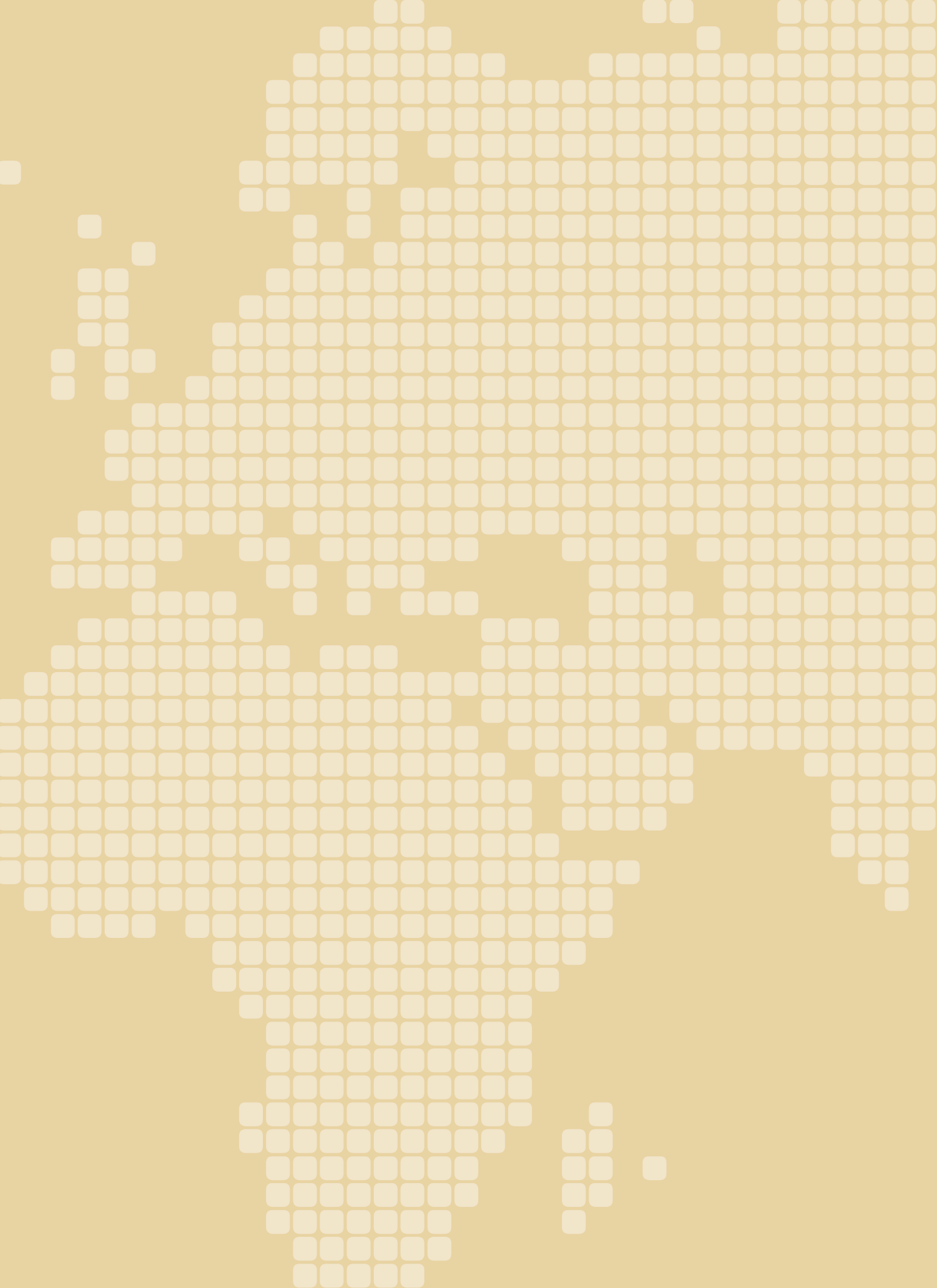


*Innovation to Impact —  
2007 Progress Report*





## 2007 Progress Report

- 2 Message from the President and Board Chair
- 4 From innovation to impact
- 7 Health in an interconnected world
- 11 Health equity as the foundation
- 15 Health systems and markets
- 19 Healthy people and changed lives
- 23 Recognition and visibility
- 24 Innovation funding
- 26 2007 financial summary
- 28 Executive and program leadership
- 30 Global presence
- 31 Supporters and partners



## Message from the President and Board Chair




We are proud to present PATH's 2007 progress report. This report records a year of new initiatives with immense potential, such as an effort to bring safe water to low-income households in India, and of progress on long-term goals, like halting the spread of infections such as malaria and HIV.

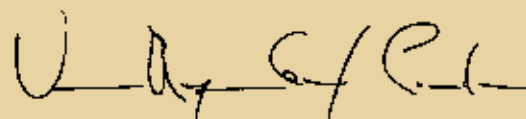
As the global community expands its awareness of the world's health needs and the resources and political will required to address them, we are increasingly aware that it takes more than the right ideas to solve these challenges. It takes the right ideas, the right people, the right systems—and a persistent application of ingenuity and flexibility.

As described in these pages, we have made significant progress over the past year in addressing systemic inequities and emerging needs. We have grown organizationally and added many incredibly talented new staff, strengthening our own ability to respond and measure the impact of our work. We have also listened to the stories of those in the field. Our staff recognize that learning alongside the people we serve, in every region where we work, is essential to the effectiveness of our work and our ability to improve people's lives. These pages introduce you to just a few stories of people touched by our work.

We greatly appreciate your interest and your support. We are all affected by the immense health challenges of an increasingly interdependent and interconnected world. Thank you for staying with us—from innovation...to impact.

Sincerely,

  
 Christopher J. Elias, MD, MPH  
 President and CEO

  
 Vera Cordeiro, MD  
 Chair, Board of Directors






*We are all world  
citizens now.*

Epidemics reach across oceans, and the repercussions of poor health in poor countries touch us all. Fortunately, our increasingly interconnected world brings shared resources to help address the challenges of AIDS, malaria, childhood disease, and maternal deaths.

Never before has the world had greater potential to transform innovative solutions into a truly global response. Never before has the opportunity—or the obligation—to bring the basics of good health to people everywhere been so great.

PATH is helping fulfill that potential by sustaining new solutions from the moment of inspiration to the point of widespread use. We recognize that strong health systems and informed individuals and communities are just as necessary as the right technology. We work with diverse partners to bring ideas to life and keep them moving through the pipeline.

Inspired by the commitment of our partners—including the people in the communities we serve—we are committed to a new way of thinking about global health.

From innovation to impact.





# Health in an interconnected world

Global challenges call for global solutions

## INNOVATION IN FLU VACCINES

Effective vaccines will be essential to efforts to prevent a potential flu pandemic—a real threat in our highly mobile and globalized world. The likelihood that an influenza outbreak will originate in the developing world makes it imperative that control tools are suited to low-resource settings.

Of the known threats, avian influenza is the most immediate, and Ukraine is a focus of concern. In 2007, PATH helped the Government of Ukraine develop a national surveillance system for avian influenza, meet equipment needs at key influenza centers, and train health workers, technicians, and media specialists in pandemic response. If an outbreak comes, the health system will be ready to meet it—and keep it contained.

PATH also completed a study on the urgent need for pandemic influenza vaccines, outlining critical strategies for protecting people in all countries against the threat of a pandemic. The results identify new technologies with the greatest potential to lead to safe and effective vaccines that can be produced quickly, affordably, and in large quantities. In the upcoming year, we will begin collaborating with the private sector to develop and test these candidates.

## ADVANCING A MALARIA VACCINE

Each year, 300 to 500 million people are infected with malaria, and at least 1 million die, most of them children in sub-Saharan Africa. The PATH Malaria Vaccine Initiative (MVI) collaborates with partners around the globe to accelerate the development of promising vaccine candidates and ensure that they become available in the developing world.

Last year saw promising results—a reduction in episodes of clinical malaria by more than a third in infants—in a trial of RTS,S, the world's most clinically advanced vaccine candidate. A second vaccine candidate supported by MVI, using a weakened parasite as its basis, moved into larger-scale production—a significant step forward.

To pave the way for a successful vaccine, MVI worked at the policy level to map out the pathway to licensure and to ensure that decision-makers understand the vaccine's potential for preventing malaria. Our fellowship program for researchers in Africa is also creating effective champions where the need is greatest.





### A LIFELINE TO GOOD HEALTH

Inside a classroom in northern Thailand, teens are talking about what it means to fall in love. Like their peers around the world, they have questions about sex and sexuality—and how to protect themselves against HIV and other threats. The Teenpath project is giving them answers.

Through Teenpath, PATH and our partners are bringing comprehensive sexuality education to schools across Thailand. With its emphasis on role-playing and dialogue, Teenpath is changing the way teachers teach—and building connections between governments, communities, parents, and students.

Outside the classroom, teenpath.net relies on teens' universal fascination with the Internet to reinforce ideas and provide a place for peers to talk about the challenges they face. Last year alone, teenpath.net received more than 50,000 visitors per month, making it one of the most frequently visited health sites in Thailand.

In 2007, the number of schools using the Teenpath curriculum increased from 120 to more than 700, including many schools that are not part of the project—a testament



to its success. The Thai Ministry of Education has committed resources to expanding sexuality education throughout the country. Teenpath is changing how young people access critical information about sexual health and building public support for discussion of this sensitive topic.

### PROTECTION EVERY CHILD DESERVES

Crossing geographic and political borders, diarrheal disease takes the lives of nearly 2 million children each year. Each death is a blow to the social health of our world.

PATH is working against the primary cause of severe diarrheal disease—rotavirus infection—on many fronts, from developing vaccines to setting the stage for introduction. Last year, we established a new effort to ensure that successful new vaccine candidates move quickly into use. With private-sector partners in India and China, we began work to develop vaccines that will potentially expand protection and reduce costs. Our partners are helping build a shared platform for vaccine development—allowing several manufacturers to work within a network PATH created and shorten the time to introduction.

Through disease surveillance, clinical trials, and cost analyses, the PATH Rotavirus Vaccine Program (RVP) continues to provide crucial information that guides global organizations and country governments making decisions about vaccine introduction. Now that the GAVI Alliance has selected Bolivia, Guyana, and Honduras as the first three countries to receive support for rotavirus vaccine introduction, RVP has seen its mission—to slash the typical years-long delay in getting new vaccines to poor countries—become reality.



## The oldest epidemic

Mwanahamisi Juma is a 37-year-old widow who lives in a small village in Tanzania. She has lived alone since her husband's death—and is fighting alone against HIV and tuberculosis (TB).

In 1993, Mwanahamisi was successfully treated for TB, a disease that is extremely prevalent in her country. She lived free of infection for more than a decade, but when she became sick again last year, the treatment didn't help. She was sent to the Mwanayamala District Hospital in Dar es Salaam. There, they tested her for HIV—with positive results.

In Tanzania, about 50 percent of those diagnosed with TB are also infected with HIV. Weakened immune systems are an open door to the epidemic. To help Mwanahamisi and others like her, PATH looks for solutions that respond to both infections: integrated care for a dual disease.

Last year, PATH helped introduce integrated TB-HIV services in 18 districts in Tanzania, including the hospital where Mwanahamisi was tested and treated. More than 13,000 patients have received TB-HIV services since the onset of our work in Tanzania, and our support influenced the decision to adopt international standards for TB care countrywide in 2007.

After her diagnosis, Mwanahamisi started a regimen of antiretroviral and antituberculosis drugs. Her strength has returned, and she once again tends her farm, selling tomatoes and amaranth and reconnecting with her family and community. "The new services provided with PATH's support gave me hope," she says, "and returned my energy and will to live in this world." With PATH's help, Tanzania is offering new hope to all of its citizens.

*"I now have the counseling skills and sufficient working knowledge that make it easy for me to convince my patients to test for HIV."*

MARGARETH WILLIAMS  
Senior Public Health Nurse, Tanzania, and  
participant in PATH'S HIV-TB training





# Health equity as the foundation

Everyone deserves a chance at a healthy future

## VACCINES THAT STAND UP TO THE TOUGHEST CONDITIONS

Critical vaccines now travel to the most remote regions, but excessive heat or cold during transportation can threaten their potency and limit their reach. Working with a range of partners, PATH is developing thermostable vaccines that can survive extreme temperatures, protecting children from common childhood illnesses regardless of where they are born.

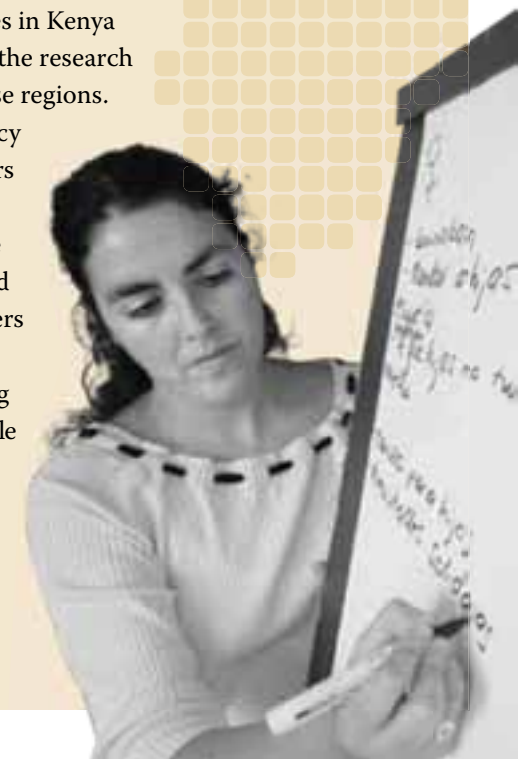
PATH has spent more than three years developing a method of preventing freeze damage to sensitive vaccines; last year, we placed this innovation in the public domain to encourage its use. We also identified a second technology to protect hepatitis B vaccine against the effects of heat, providing a defense against both temperature extremes. Finally, we began working to improve the stability of other vaccines through a technique called “spray-drying,” and we installed equipment in our Seattle laboratory to make sure we can conduct the research quickly and efficiently.

PATH is rapidly becoming a resource for technology companies, vaccine producers, and vaccine development projects. We continue to link new stabilization technologies with vaccine manufacturers to improve on existing and new vaccines and expand their reach to the millions of children at risk from vaccine-preventable disease.

## ADDRESSING VIOLENCE AGAINST WOMEN

Women face the threat of gender-based violence every day. Around the world, this very real health issue causes not just immediate wounds but pervasive and severe health problems that affect families, communities, and economies. Understanding and quantifying the violence can help the health sector strengthen its response.

Since collaborating with the World Health Organization to publish *Researching Violence Against Women: A Practical Guide for Researchers and Advocates* in 2005, PATH has conducted training and workshops for activists and health providers in developing areas. Last year, PATH led courses in Kenya and Nicaragua to improve the research capacity of partners in these regions. The courses enable advocacy groups and service providers to monitor their own programs, collect evidence to support their efforts, and expand the training to others who work with victims of violence. We’re also making critical research tools available to help societies understand violence against women—and its health and social consequences for our world.



## Halting epidemic meningitis

Aminata lives in Mali, one of the hyperendemic countries in Africa's meningitis belt. She grew up in a household where meningitis was a commonplace tragedy. At least three of her family members experienced the disease's hallmark symptoms; her little sister died within days.

During sub-Saharan Africa's annual dry season, meningococcal meningitis rates skyrocket. About 450 million people in 21 countries live at risk. Meningococcal meningitis kills one in ten, and up to a quarter of survivors suffer permanent damage, including hearing loss, mental retardation, and epilepsy.

Aminata knows what meningitis can do; she has seen it all her life. Now she wonders how to protect her two-year-old son, Ousmane, against the disease. Antibiotics are hard to come by, and traditional vaccines provide only partial protection—and leave the very youngest children vulnerable.

But Ousmane is one of 600 children participating in a two-year trial of a new meningitis vaccine, hosted by the Meningitis Vaccine Project (MVP)—a partnership between PATH and the World Health Organization that is working to eliminate the meningitis outbreaks that devastate sub-Saharan Africa. MVP supports the development and introduction of a unique conjugate vaccine that will provide long-lasting protection to adults and children in the developing world.

Last year saw significant progress: preliminary results from clinical trials in Mali and The Gambia showed that the new meningococcal A conjugate vaccine is safe and highly immunogenic, promising effective protection against the type of meningitis that causes epidemics in Africa. The next phase of trials has begun in India, The Gambia, Mali, and Senegal.

Periodically, Aminata brings her son to the local health center for blood tests that show the vaccine's effectiveness. It is not an easy trip, but it is worth it. Aminata hopes that she will never watch Ousmane suffer as her sister did—and that he will never know the daily fear that has been part of so many lives for so long.

### VACCINES FOR CHILDREN IN THE DEVELOPING WORLD

Even as children in wealthy countries around the world are immunized against pneumococcal disease, their peers in developing countries remain unprotected. An estimated 1 million children under age five die every year from the disease, which causes pneumonia and infections of the brain and blood. PATH is working with partners to identify new pneumococcal vaccines that can be used in low-resource settings and to assist researchers in developing the strongest candidates.

In 2007, PATH and our partners sequenced the genomes of five pneumococcal strains from developing countries. The resulting data—which are essential to prioritizing the vaccine candidates—are now available to all researchers. We also advanced two promising vaccine candidates that could provide affordable and broad protection for children worldwide.

PATH reached out to international researchers, nongovernmental organizations, and US lawmakers to support several important initiatives and convey the urgent need for a pneumococcal vaccine for children in developing countries. We now have an even greater opportunity to accelerate the development of vaccines that will protect all children from this deadly infection.

### QUICK DIAGNOSIS FOR DISEASE

The time it takes to diagnose an illness can be the critical difference between treatment and death, or between an isolated case and a disease outbreak. Health care professionals—especially those in low-resource areas, where new outbreaks often begin—need tools that can rapidly and effectively diagnose disease right where the patient seeks care, without laboratory facilities that may be days away or simply nonexistent.

In 2007, PATH and the University of Washington launched the Center for Point-of-Care Diagnostics for Global Health to develop affordable tests that can diagnose infection wherever it is found. Housed at PATH, the center moves technologies from innovation to use, empowering health workers to respond to globally important diseases—and patients' needs—without delay.



"We all agree that everyone everywhere should have a chance to be healthy—but PATH translates that belief into better health for millions. They transform technology to improve lives."

PATTY STONESIFER  
CEO, Bill & Melinda Gates Foundation







# Health systems and markets

Tools and tactics for transforming lives

## DOCUMENTING DISEASE TO IMPROVE IMMUNIZATION

Japanese encephalitis is endemic throughout Asia and parts of the Pacific; unfortunately, immunization is not as common. Last year, however, 18 million children in India were immunized against Japanese encephalitis. A vaccine introduced with help from PATH is providing widespread protection, for the first time, against the disease's legacy of severe disability and death.

Other countries may not yet have the information they need to make an informed decision about the vaccine. In Indonesia, where Japanese encephalitis is recognized as a threat to children, its impact was thought to be limited to specific areas of the country. PATH helped document cases nationwide, revealing that the infection strikes children throughout the country. With this new information and assistance from PATH and other partners, Indonesia's government is developing a plan to immunize children in Bali, and it intends to use this experience as a model for wider immunization around the country.

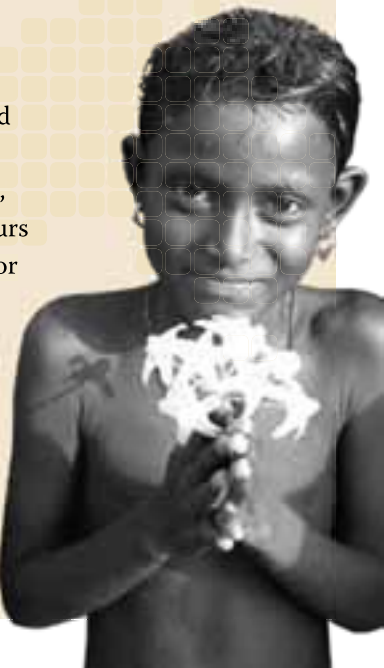
In Cambodia, PATH worked with the government to assess the spread of the disease. We are now assisting the government with a national immunization plan that will offer the broadest coverage possible with limited resources. With systems in place that are backed by reliable information, protection against Japanese encephalitis will extend to children across the country.

## CLEAN, SAFE WATER FOR THE WORLD'S POOREST HOMES

One simple measure—purifying household water—could save many of the 1.8 million lives lost annually to waterborne illness. Yet too often people in low-income countries lack the tools to safely treat and store drinking water. Poverty short-circuits the market forces that can make lifesaving products available.

In India, where raw sewage and other pollutants contaminate the country's groundwater, PATH is exploring a commercial market that may put water treatment and storage options within reach of the country's poor. We are connecting with potential distribution, sales, marketing, and manufacturing partners and a range of stakeholders, gathering information on the market for safe water products and identifying the features most valuable to communities with great need but few resources.

Last year, PATH researched low- and middle-income families' practices and beliefs about water and water products, initiated relationships with entrepreneurs that care about reaching families in poor rural and slum settings, and carefully evaluated available water treatment technologies. Our work in India is the first step in finding promising commercial approaches that will help families around the world benefit from safe water in their homes.



#### COMBINED SERVICES FOR IMPROVING SEXUAL HEALTH

AIDS is everywhere, and we believe protection against the disease should be just as widespread. By tapping into the networks of family planning and reproductive health services already in place in much of the developing world, PATH is helping HIV prevention efforts reach as far as possible—and ensuring that those receiving care for HIV can rely on other services without fear or stigma.

In India, PATH is working with the government to forge links between HIV/AIDS programs and other health services, giving vulnerable populations better access to both. Though service integration is already government policy, India had little guidance on how to make it

a reality. Last year, we released a report showing the demand for shared services and demonstrating the damaging impact of stigmatization among sex workers and people with HIV. We also explored the cost of integration, which will provide information that is essential to planning new programs.

Our research has helped India's national health and HIV authorities focus on integration. It is also encouraging health programs to prioritize integration of HIV and reproductive health services. These are significant steps toward stopping the spread of HIV—and offering strong new protection to those who are most at risk.



"PATH's support is central to our success."

CHILANDU MUKUKA, MD, MPH  
Deputy Coordinator of Zambia's  
National Malaria Control Centre

## Putting a stop to malaria

In the courtyard outside a Lusaka, Zambia, health clinic, Chris Phiri clutches his young daughter in the crook of his arm. One-year-old Julie has just been weighed by clinic staff, and she is growing healthy and strong. "We brought her here so that she can be immunized and given vitamin A, so that we can protect her against any diseases," her father explains.

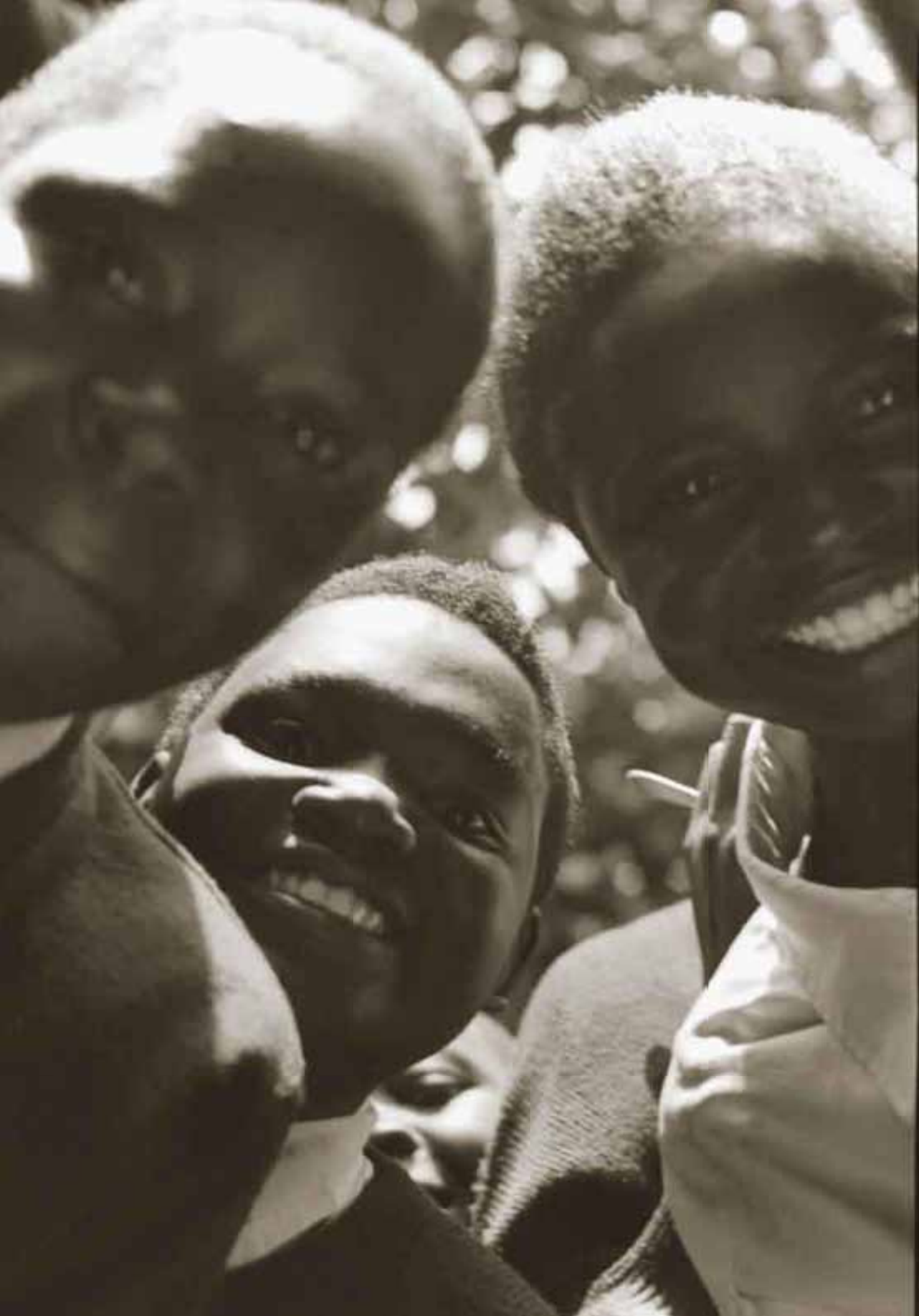
Just a year into her young life, Julie already has survived malaria, the country's deadliest disease for children. Her parents brought her to the clinic when she became sick, and health staff provided state-of-the-art treatment to quell the symptoms—fever, vomiting, loss of appetite, weakness. "It's quite a bad disease," says Chris. "It can take your life within a week or maybe two weeks, so we really need help on that one."

Malaria is a constant reality in sub-Saharan Africa. Worldwide, the disease strikes 300 to 500 million people a year and kills more than a million, most of them children under five. Pregnant women and children are most at risk for severe illness and death. Fighting malaria is a top priority for Zambia and, through the Malaria Control and Evaluation Partnership in Africa (MACEPA), PATH is supporting the country's efforts to protect the entire population.

In 2007, MACEPA helped the government distribute 3 million insecticide-treated bednets and spray households in 15 provinces with insecticide before the rainy season began, providing protection for nearly 80 percent of all households. Zambia surpassed its goal of supplying preventive medicine to 60 percent of pregnant women, and expectant mothers seeking prenatal care from public clinics now receive nets for themselves and their young children. The project is expanding the model used in Zambia to other African countries.

In Zambia, baby Julie now sleeps with her mother under a mosquito net every night for protection. PATH is helping Julie and other children across the country grow up healthy and strong, without the threat of malaria.





# Healthy people and changed lives

Individuals make the choices that matter

## CREATING AN ENVIRONMENT FOR CHANGE

From supporting new programs and technologies to directing resources to neglected diseases, PATH works to improve global health by influencing policies, legislation, and public opinions that underlie global health inequities.

In the past year, PATH has taken on the role of secretariat for the Global Health Technologies Coalition and is leading efforts to encourage US support of innovative financing mechanisms for vaccine development. We inform and facilitate conversations at the highest levels of government, consult on legislation to accelerate access to new vaccines in the developing world, and encourage US leadership to support research and development of new technologies.

PATH is also home to the Global Campaign for Microbicides, a coalition working to build a sustained political base for research on microbicides—topical solutions that may one day offer woman-controlled protection against HIV. Over the last two years, the Campaign has focused on building an international working group that can set a clear path for microbicide research, engaging scientists and civil society in an integrated, well-resourced effort to give vulnerable women the power of self-protection.

## FROM INFORMATION TO ACTION

It's not always easy to make the leap from knowing the right choice—to use condoms, to avoid needle sharing—to acting on it. In India, PATH is using innovative communication techniques to help people at high risk of HIV transform knowledge into action. The hallmark of 2007 was growth, from a seed of training to expansive outreach.

Magnet theater is a form of community theater in which audiences decide what course the plot will follow (should she demand a condom? should he accept a used needle?). It is also one of PATH's most successful techniques for changing behavior. Last year we trained more than 200 individuals most at risk of HIV in the Indian state of Andhra Pradesh, where actors radiated into communities and engaged almost 11,000 of their peers in conversations about HIV prevention.

PATH also focuses on peer education among truck drivers, who leave the protection of their community with every job and are particularly vulnerable to HIV. Drivers who understand the challenges of their itinerant lifestyles are the most effective carriers of information and support. Drivers trained in PATH's approach to interpersonal communication brought dialogue about risk reduction to more than 60,000 of their peers *every month* in 2007—and clinic attendance and condom use among participants almost doubled.





"The health of women is definitely improving... The newborn babies are much healthier."

URMILA DEY  
Community health worker, Sure Start

## A stronger future for India

Pranita Ingole, a shy young woman from the Indian state of Maharashtra, is pregnant with her first child. She lives in a two-room hut with her husband and six family members. She will continue to work long days as a laundress—and care for her family members—until she goes into labor.

This is typical for mothers living in urban areas near India's largest cities. Work leaves them little time for doctors or for learning how to care for new babies. Even a newborn's most basic needs are hard to come by. Every year, an untold number of Indian children die within a month of birth. Thousands grow up weak or sickly, robbed of the essentials of a healthy childhood.

Through the Sure Start project, PATH is changing the lives of mothers and children, helping communities protect newborns and their mothers through simple, effective measures: guiding pregnant women to necessary health services, helping new mothers learn to care for their babies. In 2007, PATH worked in two states, training 800 community volunteers and health care workers in Maharashtra and mobilizing 5,100 mothers' groups and 2,836 village health and sanitation committees in Uttar Pradesh. PATH estimates that the initiative will reach approximately 600,000 mothers and their newborns over the life of the project.

A few months into her pregnancy, Pranita was approached by Radha Doibhale, a community health worker trained by PATH. Radha convinced Pranita to go to the hospital for her first prenatal examination. Through regular meetings with Radha, Pranita learned how to breastfeed, where to go for immunization, how important it is to keep a newborn baby warm—how to "do the right thing for my baby." In January 2008, she gave birth at a local hospital to a healthy baby boy.

With help from PATH, women like Pranita no longer face motherhood unprepared and alone. As Pranita says, "It's a big difference we are seeing now." PATH is working in some of India's highest-need and hardest-to-reach areas to give India the strongest possible future.

### PRESERVING KENYA'S FUTURE

In countries such as Kenya, adolescents are severely threatened by AIDS; in some areas, they are at greater risk of HIV infection than any other group. Adolescents also have the best chance of reversing behaviors that place them at risk.

Last year marked the end of PATH's eight-year effort to connect Kenyan youth with the information and services they need to protect themselves. It also marked the beginning of a national youth program, now run by the government, that crosses multiple sectors and builds on PATH's work.

Over the course of the project, PATH trained health care providers to deliver "youth-friendly" services, recruited peer educators, and trained social workers to counsel youth and guide them in seeking

health care when needed. We worked with government ministries to encourage cross-cutting planning on adolescent health issues, ensuring that system changes support individual change—for example, that educators have the tools they need to teach necessary skills to their students and that health workers have access to standard guidelines for care.

As Kenya's rates of sexually transmitted infections, HIV, and teen pregnancy have declined, the national government is increasingly committed to implementing these youth-oriented strategies nationally—helping adolescents reduce their health risks and lead productive lives.





# Recognition and visibility

Sharing our mission to expand our impact

PATH seeks to educate, motivate, and inspire people and organizations working to improve global health. In 2007, PATH's visibility continued to increase as a result of our expanded global connections, advocacy activities, high-profile awards, and media coverage.

## EXPANDING GLOBAL CONNECTIONS

To support its programs, PATH expanded our presence in China, India, and the African continent. In Europe, we continued to contribute to cross-cutting global health issues and advocacy and public policy activities. We began building new relationships in the United Kingdom and reaching out to the European Union.

We also expanded our partnerships with the World Health Organization—including launching the Optimize project, which will create a roadmap for the way vaccines reach underserved populations—and we began serving as a co-convenor of the science and technology working group for aids2031, the Joint United Nations Programme on HIV/AIDS effort to change the face of the HIV/AIDS pandemic. Domestically, PATH began serving as the secretariat for the Washington Global Health Alliance, a new partnership that will amplify Washington State's contribution to the global health field.

## ADVOCACY AND PUBLIC POLICY

We continued to expand our voice in advocating for increased funding for health technologies and research, legislation supporting innovative financing mechanisms, and in-country advocacy for effective

health innovations and systems. As noted on page 19, we also serve as secretariat for the Global Health Technologies Coalition.

## RECOGNITION AND AWARDS

For the fifth consecutive year, *Fast Company* magazine named PATH one of the world's top social entrepreneurs for our work to change the systems that underlie global health inequities. PATH also made *Forbes* magazine's list of the 200 largest US charities—a high-water mark for stability and staying power—for the second year running.

The Tech Museum of Innovation honored PATH as a Laureate for our work on the vaccine vial monitor, a tiny sticker that saves millions of dollars and vaccine doses each year. And PATH's president and CEO, Dr. Christopher Elias, was named Global Health Research Ambassador by the Paul G. Rogers Society for Global Health Research—a group that includes the nation's foremost experts in global health.

## MEDIA HIGHLIGHTS

Information about PATH's approach and milestones was prominently featured in the news media, from respected newspapers to popular television news programs. Our work in malaria was covered in *The New York Times*, in *National Geographic*, and on the *NewsHour with Jim Lehrer*, while our efforts to advance new health technologies were featured in *Forbes*, *The Washington Post*, *The Seattle Times*, and the *Seattle Post-Intelligencer* and on CNN.com.

"PATH promotes an inclusive approach to innovation and discovery—one that builds strong partnerships with communities, industry, and local governments. PATH is a necessary voice for those who make global health policy both here and abroad."

CONGRESSMAN ADAM SMITH  
US Representative, 9th District, Washington State



# Innovation funding

The impact of individuals

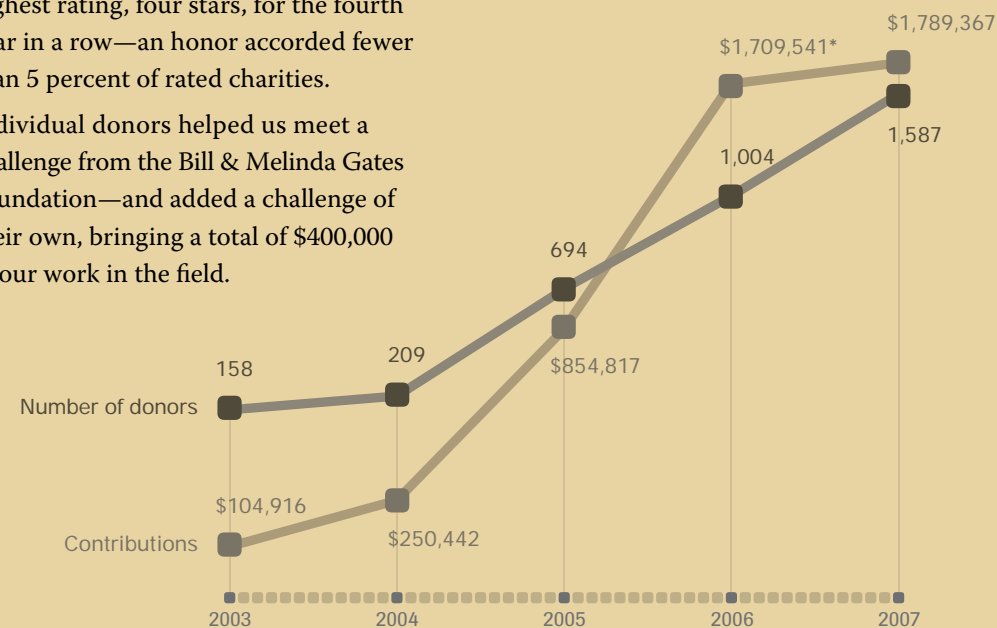
Individual donors are our partners at every point along the way from innovation to impact. Through PATH's Catalyst Fund, gifts from individuals launch new initiatives and expand pilot projects through communities, countries, and beyond; leverage major contributions from governments and foundations; and support strategic priorities that help us improve the lives of people around the world.

Catalyst Fund donors provide essential innovation funding that is used to support projects at critical stages of development. Advocacy support for the PATH Malaria Vaccine Initiative (page 7), our work on safe water solutions (page 15), and a program bringing better care to those in India with HIV (page 16)—among others—were fueled by individual donors at crucial moments.

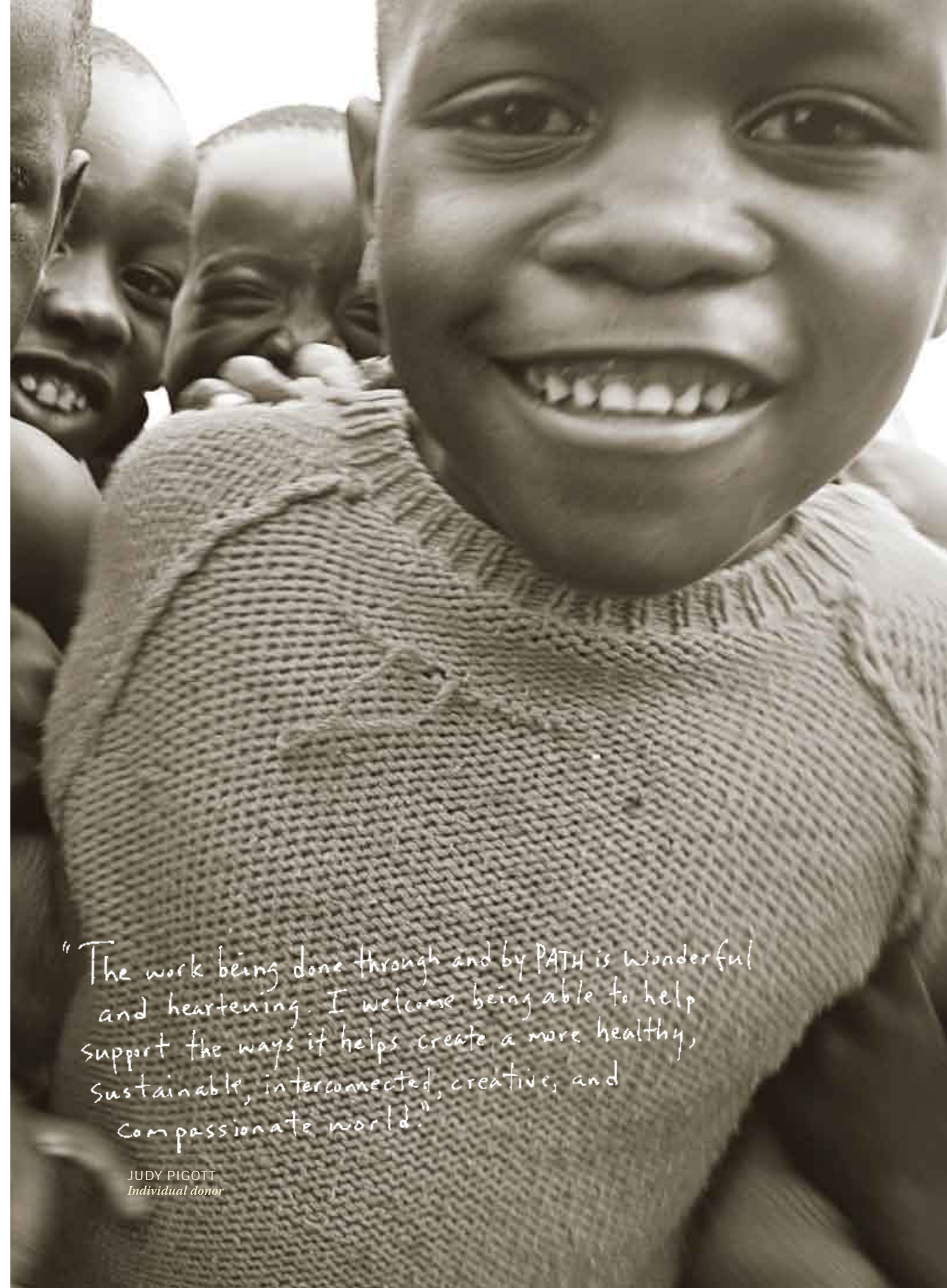
- More than 1,500 individuals, couples, and families made gifts to PATH, an increase of 58 percent over the previous year.
- The Catalyst Circle, a special group of individuals and families who pledge at least \$1,000 a year for five years, reached more than 80 members, contributing more than \$1 million to PATH's work.
- We launched the Fund for Health Technologies to fuel our leading-edge work in health technologies.
- Eight hundred people joined us in Seattle for the 2007 Breakfast for Global Health. For the first time, the event was fully underwritten by corporate sponsors.

In 2007:

- Charity Navigator awarded PATH its highest rating, four stars, for the fourth year in a row—an honor accorded fewer than 5 percent of rated charities.
- Individual donors helped us meet a challenge from the Bill & Melinda Gates Foundation—and added a challenge of their own, bringing a total of \$400,000 to our work in the field.



\*In 2006, one extended family made nearly \$700,000 of extraordinary one-time contributions.



"The work being done through and by PATH is wonderful and heartening. I welcome being able to help support the ways it helps create a more healthy, sustainable, interconnected, creative, and compassionate world."

JUDY PIGOTT  
Individual donor



# 2007 financial summary

## Message from the Board Treasurer



I am honored to be the board treasurer and development committee chair for PATH. My association with this amazing organization stems from a long and deep interest in global health equity. Having the opportunity to learn from PATH while helping to provide resources and support to this vitally important organization is a blessing to me.

Last year was another year of phenomenal growth for PATH: total expenses for the year were approximately \$152 million, a 20 percent increase over 2006, and this growth occurred across all PATH's areas of focus—from HIV and malaria to new vaccines to innovative technologies for low-resource settings. I expect that 2008 will be equally promising.

PATH has a longstanding commitment to sound financial management. In 2007, the organization once again received an unqualified opinion from its auditors on its financial statements, a testament to high standards of stewardship and accountability. As PATH grows, management and staff continue to take stewardship of donor funds very seriously. Eighty-six percent of donor dollars go directly to programs with worldwide impact.

PATH follows through on its engagement with global health at every level, making sure that dollars invested at the beginning of a project have maximum impact at the project's end. I am very proud to work with such a committed group of professionals—committed to making a difference in the health of individuals around the world.

Dean Allen  
Treasurer, Board of Directors,  
Chair, Development Committee

## Financial summary (audited)

Revenues (in thousands)	
Foundations	\$97,712
US Government	33,237
Other governments, nongovernmental organizations (NGOs), multilaterals	15,665
Investments	4,179
Individuals/other	3,279
Total revenues	\$154,072
Expenses (in thousands)	
Program services	
Programs:	
Emerging and epidemic diseases	\$24,562
Health technologies	7,352
Maternal and child health	6,258
Reproductive health	7,974
Vaccines and immunization	21,953
Cross-program	282
Subtotal programs	68,381
Program subawards	61,937
Subtotal program services	130,318
Support services	
Management and general	19,217
Bid and proposal	2,009
Fundraising	683
Subtotal support services	21,909
Total expenses	\$152,227

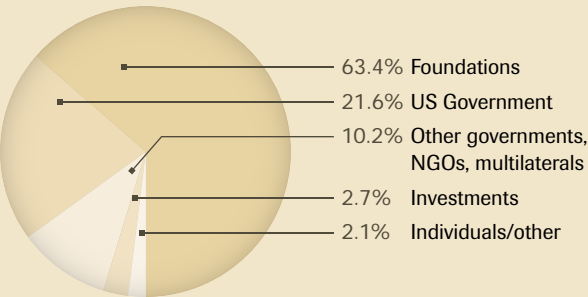
## Assets and liabilities

Assets (in thousands)	
Cash	\$62,513
Invested grant funds	233,839
Grants receivable	392,228
Other	9,288
Total assets	\$697,868
Net assets and liabilities (in thousands)	
Net assets	
Unrestricted assets	\$16,192*
Grant funds temporarily restricted	665,174
Permanently restricted assets	3,342
Total net assets	684,708*
Current liabilities	13,160
Total liabilities and net assets	\$697,868*

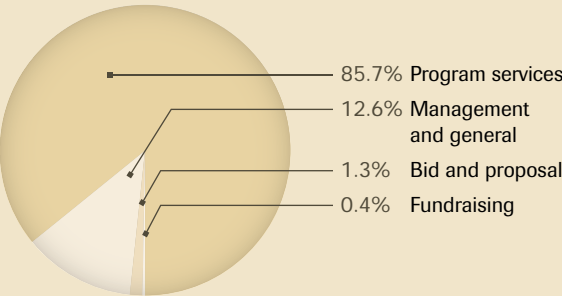
Figures are presented in US dollars.  
\*Undesignated, unrestricted assets equaled \$4.8 million on December 31, 2007. These assets are what we use to bridge funding gaps, explore opportunities, test new strategies, and develop early prototypes.

Notes:  
The above financial summary is an excerpt from PATH's audited financial statements. Full copies are available on request.  
PATH is an international, nongovernmental, nonprofit organization. Contributions to PATH are tax-exempt under US IRS code 501(c)(3).

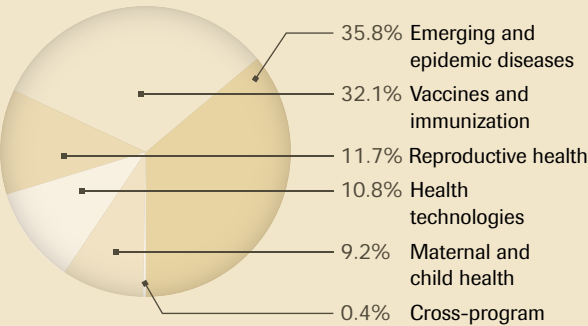
## Sources of revenue



## Expense allocation



## Use of funds by program category





# Executive and program leadership

## Board of directors

PATH's board members are public health and business leaders from the countries we serve and the United States. The board provides governance and fiduciary oversight, sets policy, and assesses PATH's overall performance.



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## Executive and program leadership

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*Vice President, Global Programs*
- Harriet Stanley, PhD  
*Vice President, Field Programs*
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### PROGRAM LEADERS

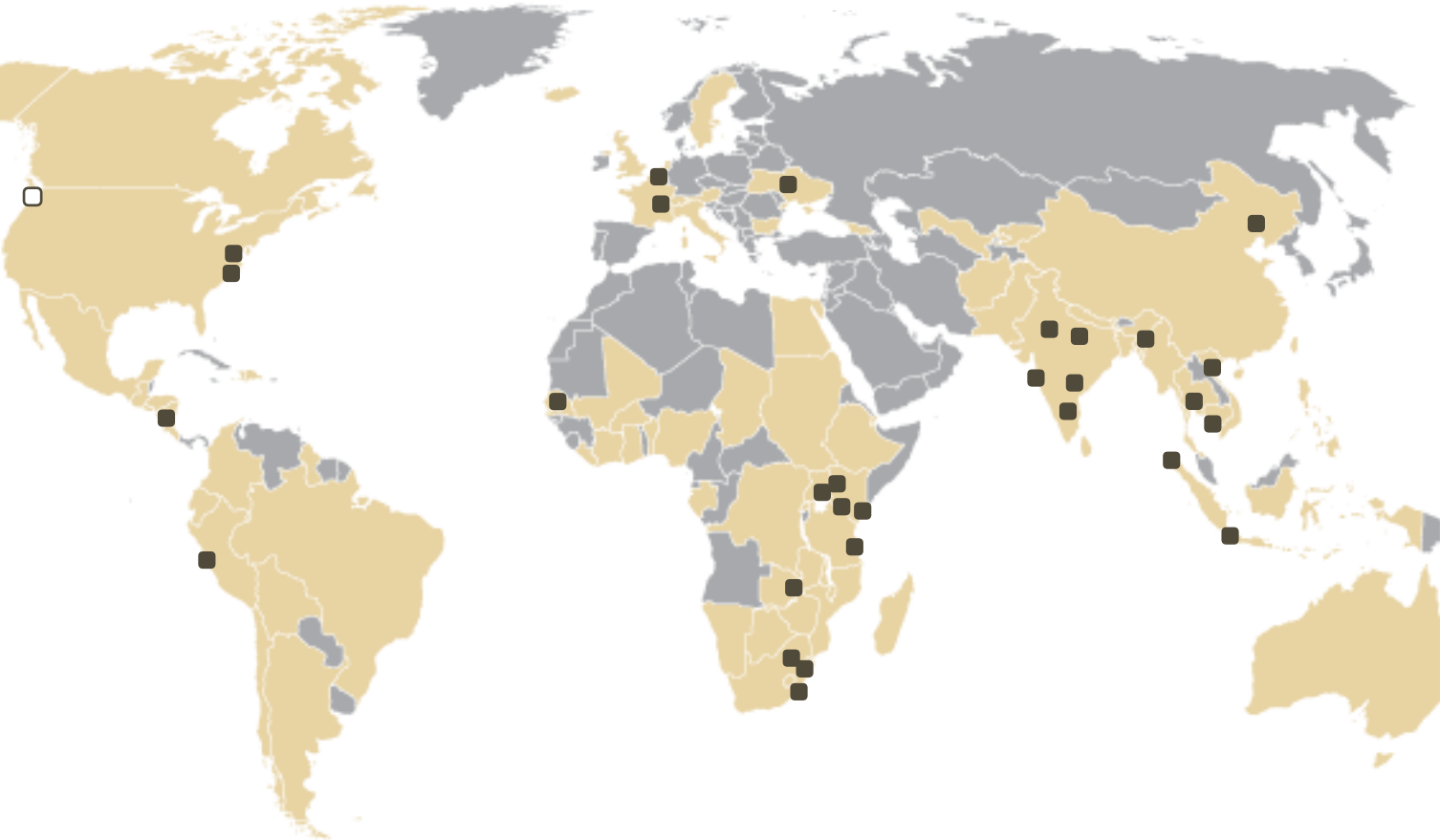
- John Boslego, MD  
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*Country Program Leader, Nicaragua*
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*Country Program Leader, South Africa*
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Global Program Leader, Technology Solutions*
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- Michelle Gardner, MS  
*Country Program Leader, Vietnam*
- Jane Hutchings, MPH  
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- Katherine Krasovec, ScD, MA  
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*Global Program Leader, Meningitis Vaccine Project*
- Christian Loucq, MD  
*Global Program Leader, PATH Malaria Vaccine Initiative*
- Brian McLaughlin, MS  
*Country Program Leader, Thailand and Cambodia*
- Anjali Nayyar, MS  
*Country Program Leader, India*
- Julie Pulerwitz, ScD, ScM  
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- Rikka Trangsrud, MA  
*Country Program Leader, Kenya*
- John Wecker, PhD  
*Global Program Leader, Immunization Solutions*
- Jiankang (Jack) Zhang, EMBA, MLIS  
*Country Program Leader, China*





# Global presence

- PATH headquarters
- PATH offices
- Countries where PATH works



Headquartered in Seattle, Washington, United States, PATH is working in more than 70 countries worldwide, in the areas of health technologies, maternal and child health, reproductive health, vaccines and immunization, and emerging and epidemic diseases (including AIDS, malaria, and tuberculosis). We have 32 offices in 18 countries.

Belgium	Indonesia	South Africa	United States
Brussels (2)	Banda Aceh	Durban	Bethesda, Maryland
	Jakarta	East London	Seattle, Washington
Cambodia		Johannesburg	Washington, DC
Phnom Penh	Kenya		
	Kakamega	Tanzania	Vietnam
China	Nairobi	Dar es Salaam	Hanoi
Beijing	Oyugis		
		Thailand	Zambia
France	Nicaragua	Bangkok	Lusaka (2)
Ferney Voltaire	Managua		
		Uganda	
India	Peru	Kampala	
Chennai	Lima		
Hyderabad		Ukraine	
Imphal	Senegal	Kyiv	
Lucknow	Dakar		
Mumbai			
New Delhi			

# Supporters and partners

## Institutional supporters

We are grateful to all of our supporters. This list includes institutions that contributed \$1,000 or more.

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Charles Spear Charitable Trust  
The David and Lucile Packard Foundation  
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Washington Health Foundation  
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- GOVERNMENTS AND INTERNATIONAL AGENCIES
- Australian Agency for International Development  
GAVI Alliance  
Global Fund to Fight AIDS, Tuberculosis and Malaria  
Joint United Nations Programme on HIV/AIDS  
Ministry of Health, Macedonia  
Ministry of Public Health, Thailand  
National Institutes of Health  
Stop TB Partnership  
Swedish International Development Cooperation Agency  
United Kingdom Department for International Development  
United Nations Children's Fund  
United Nations Development Fund for Women  
United Nations Educational, Scientific and Cultural Organization  
United Nations Population Fund  
US Agency for International Development  
US Centers for Disease Control and Prevention  
US President's Emergency Plan for AIDS Relief  
World Health Organization
- OTHER ORGANIZATIONS AND CORPORATIONS
- Alexandria Real Estate Equities, Inc.
- Bank of America Corporation  
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Cameron Catering  
Chemonics  
Children's Hospital and Regional Medical Center  
Columbia Sportswear Company  
The Commerce Bank of Washington  
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SonoSite Inc.  
Swedish Medical Center  
Symetra Financial  
TEMPTIME Corporation  
Wells Fargo  
Woods & Associates
- UNIVERSITIES AND NONGOVERNMENTAL ORGANIZATIONS
- Cambodian Women for Peace and Development  
CARE  
CONRAD  
Eastern Virginia Medical School  
EngenderHealth  
Family Health International  
Fred Hutchinson Cancer Research Center  
Infectious Disease Research Institute  
International Food Policy Research Institute  
International HIV/AIDS Alliance  
International Rescue Committee  
IntraHealth International  
JSI Research & Training Institute, Inc.  
Partnership for Child Health Care Inc.  
Pathfinder International  
Plan International  
The Population Council  
Population Services International  
Raks Thai Foundation  
Research Triangle Institute  
Save the Children  
Seattle Biomedical Research Institute  
University of Washington  
VillageReach  
Washington State University

## Partners

Partnership is fundamental at PATH. In 2007, we collaborated with more than 500 organizations. Our major partners on the projects highlighted in this report are listed below.

- INNOVATION IN FLU VACCINES (pg. 7)
- Academy of Medical Sciences of Ukraine  
Gromashevsky Institute of Epidemiology and Infectious Diseases  
Mechnikov Anti-Plague Research Institute  
Ministry of Health of Ukraine  
Odessa Regional Sanitary-Epidemiological Service  
Oliver Wyman  
Ukrainian National Influenza Center  
US Centers for Disease Control and Prevention  
US Defense Threat Reduction Agency  
US Department of Health & Human Services  
World Health Organization
- ADVANCING A MALARIA VACCINE (pg. 7)
- Bharat Biotech International Limited  
GenVec, Inc.  
GlaxoSmithKline Biologicals  
Intercell AG  
International Centre for Genetic Engineering and Biotechnology  
La Trobe University  
Monash University  
National Institutes of Health, National Institute of Allergy and Infectious Diseases, Malaria Vaccine Development Branch  
Queensland Institute of Medical Research  
Sanaria Inc.  
Seattle Biomedical Research Institute  
US Military Malaria Vaccine Program  
US Naval Medical Research Center  
Walter Reed Army Institute of Research
- A LIFELINE TO GOOD HEALTH (pg. 8)
- AIDS Access Foundation  
Health Counterparts Consulting  
JWT  
Lampang Provincial Health Office  
Ministry of Public Health, Thailand  
Office of Disease Control Region 5, Nakornratchasima, Thailand  
Offices of the Basic Education Commission, Non-formal Education Commission, and Vocational Education Commission, Ministry of Education, Thailand  
Prasri Mahapo Hospital, Ubon Ratchathani  
Prince of Songkla University, Faculty of Nursing  
Rajabhat Universities
- PROTECTION EVERY CHILD DESERVES (pg. 8)
- Bharat Biotech International Limited  
China National Biotec Group's Wuhan
- Institute of Biological Products  
GAVI Alliance  
GlaxoSmithKline plc.  
Merck & Co., Inc.  
Ministries of health in Africa, Asia, Eastern Europe, and Latin America  
Shantha Biotechnics Limited  
United Nations Children's Fund  
US Centers for Disease Control and Prevention  
World Health Organization
- THE OLDEST EPIDEMIC (pg. 9)
- Association of Private Health Facilities in Tanzania  
Council health management teams, district councils, and municipal councils of Tanzania  
Ministry of Health and Social Welfare, Tanzania  
National TB and Leprosy Programme, Tanzania  
US Centers for Disease Control and Prevention  
World Health Organization
- VACCINES THAT STAND UP TO THE TOUGHEST CONDITIONS (pg. 11)
- Aktiv-Dry  
Arecor Limited  
Aridis  
Crucell  
HTD Biosystems  
Indian Immunologicals Limited  
Novartis Vaccines and Diagnostics  
Serum Institute of India Limited  
Spring Valley Laboratories, Inc.  
Statens Seruminstitut  
University of Colorado
- ADDRESSING VIOLENCE AGAINST WOMEN (pg. 11)
- Armonie  
Australian Agency for International Development  
Gender-Based Violence Prevention Network  
Instituto Promundo  
International Center for Research on Women  
Ipas Nicaragua  
Medical Research Council  
Ministries of health in Guatemala, Honduras, and Nicaragua  
Puntos de Encuentro  
United Nations Development Fund for Women
- HALTING EPIDEMIC MENINGITIS (pg. 12)
- Agence Africaine pour la Recherche en Santé Humaine  
Burness Communications  
Centre pour le Développement des Vaccins-Mali  
Health Protection Agency



Partners continued

iGATE Clinical Research International  
Institut de Recherche pour le Développement, Senegal  
King Edward Memorial Hospital  
Medical Research Council Laboratories, The Gambia  
Ministries of health in Burkina Faso, Chad, Côte d'Ivoire, Ethiopia, The Gambia, Ghana, Mali, Niger, Nigeria, Senegal, Sudan, and Togo  
National Institute for Biological Standards and Control  
Navrongo Health Research Centre, Ghana  
Nizam's Institute of Medical Sciences  
Norwegian Institute of Public Health  
Rockhopper Productions Limited  
Serum Institute of India Limited  
Shirdi Sai Baba Rural Hospital  
University of Siena, Italy  
US Centers for Disease Control and Prevention  
US Food and Drug Administration  
World Health Organization

**VACCINES FOR CHILDREN IN THE DEVELOPING WORLD** (pg. 13)  
Albert B. Sabin Vaccine Institute  
Children's Hospital Boston  
Infectious Disease Research Institute  
Intercell AG  
J. Craig Venter Institute  
PneumoADIP  
Serum Institute of India Limited  
St. Jude Children's Research Hospital  
University of Alabama  
University of the Witwatersrand

**QUICK DIAGNOSIS FOR DISEASE** (pg. 13)  
Claros Diagnostics  
Columbia University  
National Institutes of Health, National Institute of Biomedical Imaging and Bioengineering  
Point-of-Care Technologies Research Network, which includes the Center for Point-of-Care Technologies for Sexually Transmitted Diseases (Johns Hopkins University), Center for Rapid Multi-pathogen Detection for Point-of-Care Technologies and National Disaster Readiness (University of California, Davis), and Point-of-Care Center for Emerging Neurotechnologies (University of Cincinnati)  
University of Washington  
Department of Global Health, Department of Medicine (Division of Allergy and Infectious Diseases), and Department of Laboratory Medicine  
Center Advisory Board members: Bill & Melinda Gates Foundation, University of Washington Department of Bioengineering, University of Washington Department of Global Health, Walter Reed–Kenya Medical Research Institute, and World Health Organization

**DOCUMENTING DISEASE TO IMPROVE IMMUNIZATION** (pg. 15)  
Chengdu Institute of Biological Products  
International Vaccine Institute  
Mahidol University  
Ministries of health in Cambodia, India, and Indonesia  
United Nations Children's Fund  
Universiti Malaysia Sarawak  
University of Liverpool  
University of Melbourne  
US Centers for Disease Control and Prevention  
World Health Organization

**CLEAN, SAFE WATER FOR THE WORLD'S POOREST HOMES** (pg. 15)  
PATH would like to thank the many organizations that are advancing safe water access worldwide, many of whom have generously shared their knowledge during our project start-up. The list of implementation partners will grow as the project advances. Current research and strategy partners include:  
Cascade Designs, Inc.  
Emory University  
Intellectap  
Johns Hopkins University Center for Communication Programs  
Massachusetts Institute of Technology  
PATH's Safe Water Project Technical Advisory Group: Thomas Clasen, Maria Elena Figueroa, Stuart L. Hart, Makarand D. Phadke, Robert Quick, Vinay Singhal  
RTI International

**COMBINED SERVICES FOR IMPROVING SEXUAL HEALTH** (pg. 16)  
Departments of Health and Family Welfare in Andhra Pradesh, Bihar, Maharashtra, and Uttar Pradesh  
National Institute for Research in Reproductive Health  
Network of Positive People in Andhra Pradesh, Bihar, Maharashtra, and Uttar Pradesh  
State AIDS Control Society of Andhra Pradesh, Bihar, Maharashtra, and Uttar Pradesh

**PUTTING A STOP TO MALARIA** (pg. 17)  
The Carter Center  
Global Fund to Fight AIDS, Tuberculosis and Malaria  
Governments of Zambia and Ethiopia  
Roll Back Malaria Partnership  
United Nations Children's Fund  
US Agency for International Development  
US Centers for Disease Control and Prevention  
US President's Malaria Initiative  
The World Bank  
World Health Organization  
Zambia Roll Back Malaria Partnership

**CREATING AN ENVIRONMENT FOR CHANGE** (pg. 19)  
Aeras Global TB Vaccine Foundation  
African HIV Policy Network  
African Microbicides Advocacy Group  
AIDES  
AIDS Foundation of Chicago  
AIDS Vaccine Advocacy Coalition  
Alliance for Microbicide Development  
American Medical Student Association  
BIO Ventures for Global Health  
Canadian AIDS Society  
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Families USA  
GAVI Alliance  
Gender AIDS Forum  
Global Health Council  
HIV Scotland  
HIV/AIDS Vaccine Ethics Group  
Interact Worldwide  
InterAction  
International AIDS Vaccine Initiative  
London School of Hygiene & Tropical Medicine  
Medicines for Malaria Venture  
PneumoADIP  
Positivisetry  
US Coalition for Child Survival  
US Global Leadership Campaign  
White Ribbon Alliance for Safe Motherhood

**FROM INFORMATION TO ACTION** (pg. 19)  
CARE  
Constella Futures  
Emmanuel Hospital Charitable Trust  
Family Health International  
Hindustan Latex Family Planning Promotion Trust  
International HIV/AIDS Alliance  
Karnataka Health Promotion Trust  
National AIDS Control Organisation  
Pathfinder International  
State AIDS Control Society of Andhra Pradesh, Bihar, Jharkhand, Manipur, and Tamil Nadu  
Suraksha Society  
TCI Foundation  
University of Manitoba Corridors Project  
USER Manipur

**A STRONGER FUTURE FOR INDIA** (pg. 20)  
Amhi Amachya Arogyasathi  
BAIF Development Research Foundation  
CARE  
Catholic Relief Services  
Halo Medical Foundation  
Institute of Health Management, Pachod

MAMTA Health Institute for Mother and Child  
Navi Mumbai Municipal Corporation  
People's Action for National Integration  
Population Services International  
Project Concern International  
Sampark  
Shree Samartha Shikshan Prasarak Mandal  
Society for Nutrition, Education and Health Action  
Swaasthya Trust

**PRESERVING KENYA'S FUTURE** (pg. 21)  
Academy for Educational Development  
African Medical & Research Foundation  
BroadReach Healthcare  
Christian Health Association of Kenya  
Cooperative League of the USA  
Elizabeth Glaser Pediatric AIDS Foundation  
EngenderHealth  
Family Health International  
JHPIEGO  
Kenya Scouts Association  
Liverpool VCT, Care & Treatment  
Ministry of Education, Kenya  
Ministry of Gender, Sports, Culture and Social Services, Kenya  
Ministry of Health, Kenya  
The Population Council  
Society for Women and AIDS in Kenya  
Straight Talk Foundation  
Uganda Scouts Association  
World Vision





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