

GATES

*philanthropy
partners*



Program Features:

Tackling Sleeping Sickness / College Readiness
Eliminating Dengue / Controlling Neglected Tropical Diseases
Improving Health for Women and Adolescent Girls

Impact Report 2018

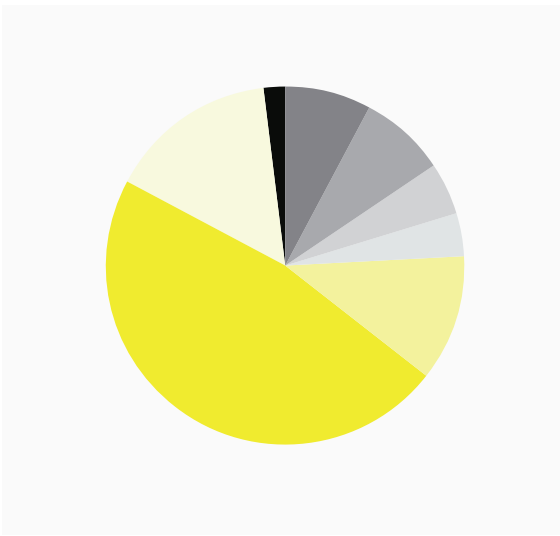
08	Tackling Sleeping Sickness	In the Democratic Republic of the Congo, cases of sleeping sickness have decreased from 30,000 a year to under 2,000 today. Can a rapid diagnostic test help bring that number to zero?
20	College Readiness	Students in the DC Achievers program are graduating college at higher rates than their peers. The key? Long-term support that starts in middle school.
28	Eliminating Dengue	Join researchers in Australia to learn how a re-purposed food take-out box might hold the answer to eliminating dengue.
34	Controlling Neglected Tropical Diseases	It costs only 50 cents to deliver treatment for the five most common neglected tropical diseases. Hear how nonprofit organizations are partnering with pharmaceutical companies to reach 1.6 billion people at risk.
40	Improving Health for Women and Adolescent Girls	Meet a group of midwives who are improving women's health in Indonesia through the power of information and choices.



Hear from Sue, Page 2



How We Work, Page 4



Every Penny Counts, Page 6

*Together, we are
partners with
a united focus and a
shared purpose.*



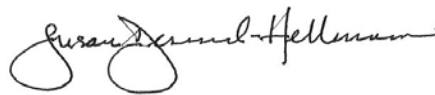
Board Chair SUE DESMOND-HELLMANN

**Gates Philanthropy Partners:
A True Partnership**

Gates Philanthropy Partners made its public debut nearly two years ago with a simple one-page website and a short press release. It went unnoticed by most and that's what I hoped for.

Why? Because Gates Philanthropy Partners is about you. It is not about Bill and Melinda or media headlines—it's about the power of partnership. You are the *partners* in Gates Philanthropy Partners.

You found Gates Philanthropy Partners because you believe—like we do—that giving can reduce inequity, right wrongs, and make the impossible possible. Like us, you believe that innovation, optimism, and persistence will lead to solutions that will save and improve lives. Together, we are partners with a united focus and a shared purpose. Thank you for finding us. Thank you for joining us.

A handwritten signature in black ink, reading "Sue Desmond-Hellmann". The signature is fluid and cursive, with the first name "Sue" and last name "Hellmann" clearly legible.

Sue Desmond-Hellmann
Board Chair, Gates Philanthropy Partners
CEO, Bill & Melinda Gates Foundation

From donor
to grantee,
every step of
our process
is carefully
considered.

How We Work

1. Curate

Strategically select Gates Foundation-funded projects in coordination with experts from the foundation's program teams.

2. Invest

Channel donations to curated projects vetted by the foundation's program teams and executed by its grantees.

3. Measure

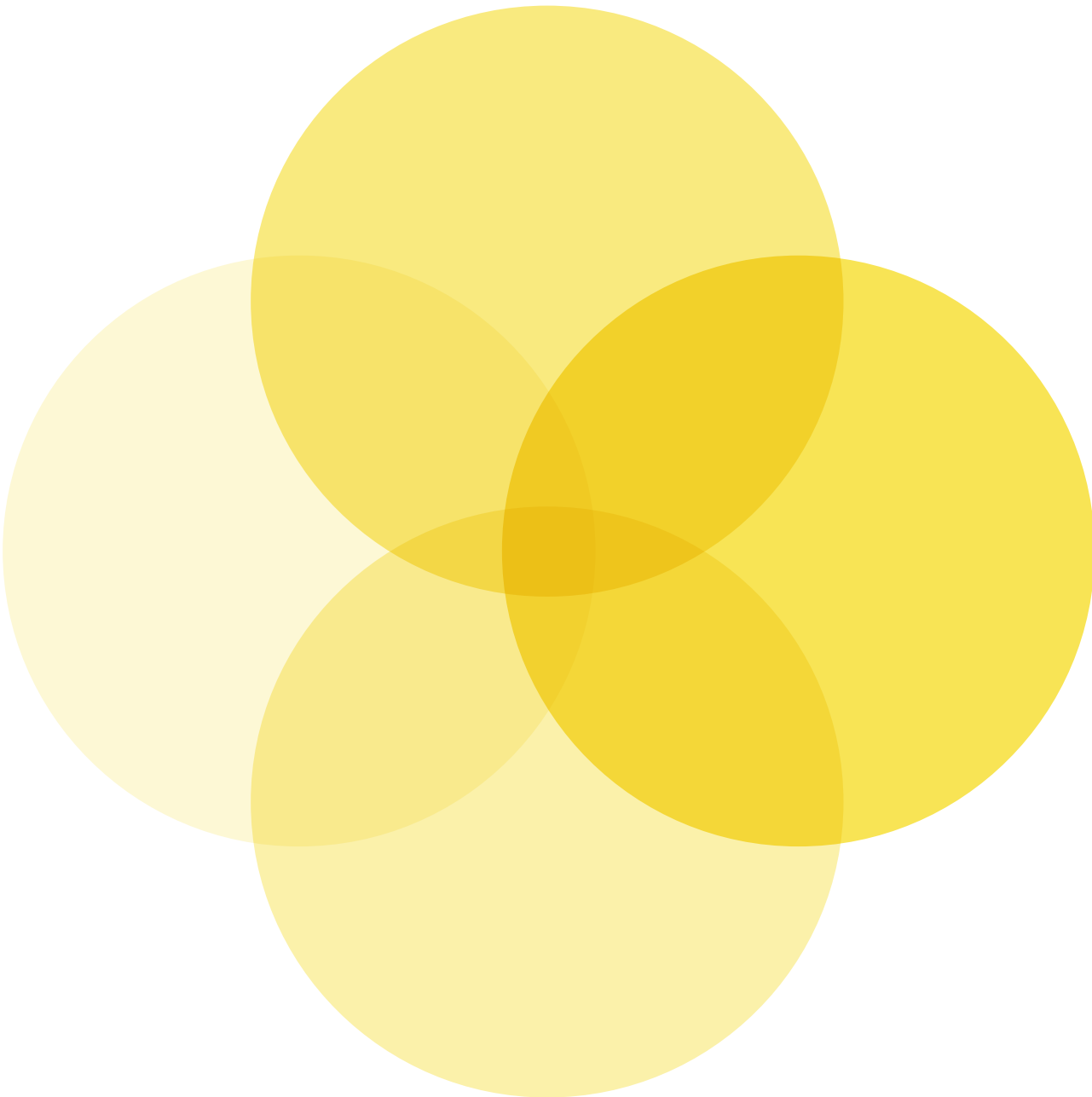
Using program and financial expertise, evaluate project outcomes. Compile data to analyze impact and measure progress.

4. Share

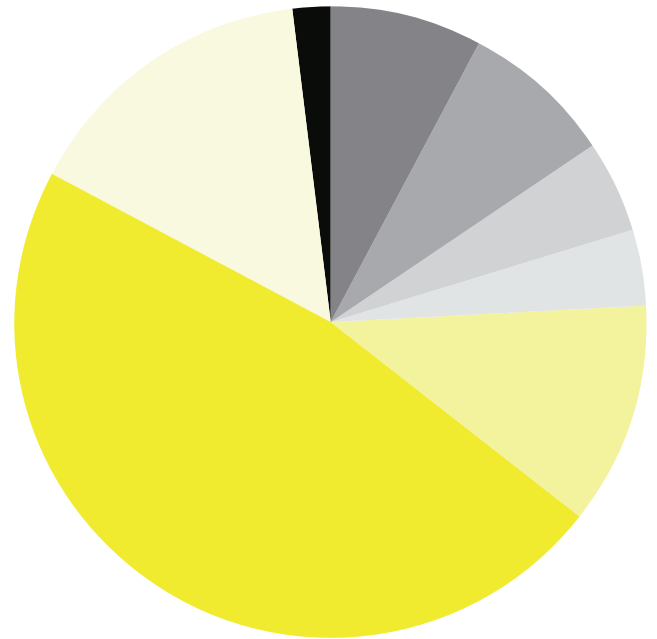
Reflect on data analysis and communicate our collective results, successes, and challenges with you, our partners.

We Strive to be Effective and Efficient.

Your donation is quickly deployed to support strong, existing Gates Foundation-funded projects where additional funds can have an immediate impact.



Your donations are invested in organizations we believe will yield the most powerful results. From a child donating his \$15 allowance, to larger gifts, every penny counts.



November 2016 - June 2018

Grant Distribution

Gifts Received

\$3

Smallest Gift Received

\$1 MILLION

Largest Gift Received

542

Total Number of Gifts Received

\$7,549,911

Total Gifts Received

Family Planning

\$3,000,000

DKT Democratic Republic of the Congo (DRC)

\$720,000

Johns Hopkins University Center for Communication Programs

\$962,000

DKT International

US Education

\$120,000

College Success Foundation: District of Columbia

Disease Elimination

\$500,000

World Mosquito Program

\$500,000

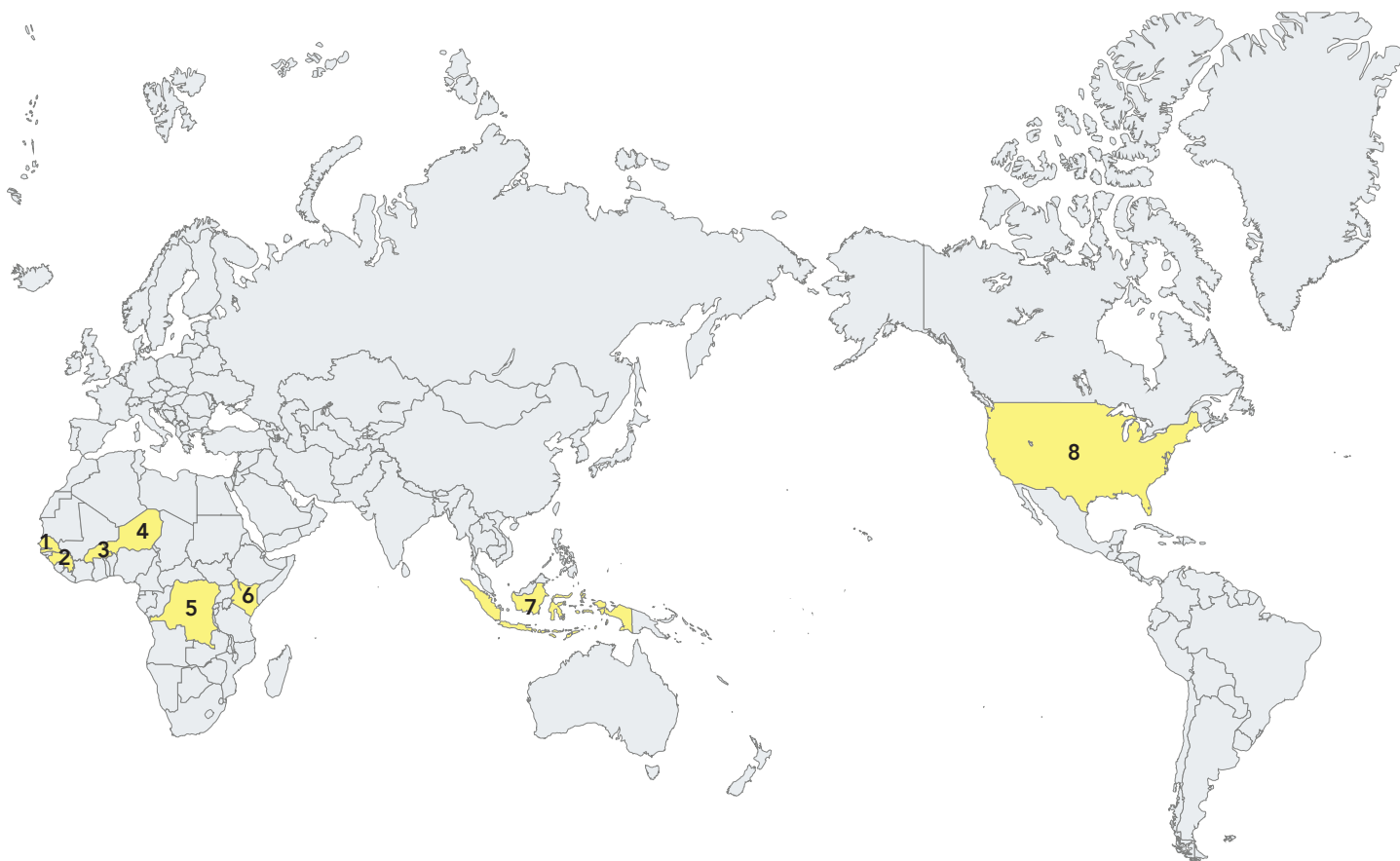
UNICEF

\$300,000

The END Fund

\$250,000

Institute of Tropical Medicine Antwerp



Eight Countries & Eight Programs

Countries

- 1 Senegal
- 2 Guinea
- 3 Burkina Faso
- 4 Niger
- 5 DRC
- 6 Kenya
- 7 Indonesia
- 8 USA

Disease Elimination

Institute of Tropical Medicine Antwerp
 Issue Area: Eliminating African sleeping sickness
 Geography: DRC

The END Fund
 Issue Area: Neglected tropical disease treatment
 Geography: Kenya

World Mosquito Program
 Issue Area: Dengue, Zika, and chikungunya prevention
 Geography: Global

UNICEF
 Issue Area: Polio eradication
 Geography: DRC

Family Planning

DKT International
 Issue Area: Sayana® Press expansion
 Geography: Burkina Faso, Senegal, Guinea, Niger

DKT Democratic Republic of the Congo
 Issue Area: Procurement and delivery of contraceptives
 Geography: DRC

Johns Hopkins University Center for Communication Programs
 Issue Area: Counseling and midwife services
 Geography: Indonesia

US Education

College Success Foundation: District of Columbia
 Issue Area: Postsecondary success
 Geography: Washington, DC, USA

An aerial photograph showing the wing of a red and white airplane. The wing is white with a red upper section and a black engine nacelle. Below the wing, a vast green landscape is visible, featuring a winding river and a small settlement with many small houses. The sky is a pale, hazy blue.

TACKLING SLEEPING SICKNESS

AN END IS IN SIGHT FOR
A DEADLY DISEASE IN THE DEMOCRATIC
REPUBLIC OF THE CONGO



Research in the DRC

A researcher works at Bandundu Ville Hospital, where the Drugs for Neglected Diseases Initiative operates a clinical trial site for sleeping sickness.

In this country of abundant natural wealth, 64 percent of the population lives in poverty. Most families make their living in agriculture or raising livestock. For many, settling close to a river means easy access to water for crops and animals, and to commerce for selling their produce. But rivers are popular with more than people: tsetse flies also cluster around waterways. If you live in the DRC, you know about tsetse flies. A simple bite from this insect may send you to bed with a fever, headache, and itching—telltale signs of a deadly infection known as sleeping sickness. An overwhelming 85 percent of the world's cases are in the DRC. Where falling ill may also mean the loss of a family's income, every dollar invested in health has an impact. The Gates Foundation and Gates Philanthropy Partners are making sure that entire communities are tested and treated for this infection. The goal? To drive sleeping sickness out of the DRC.



Rapid Results

*Meet a local hero testing people for
sleeping sickness in the DRC*

In Bangumi, health worker Bernadin Mokuba conducts a finger prick test that will return results in under 15 minutes. If the test is positive for sleeping sickness, his patient can be provided treatment right away. Bernadin visited the village in February 2018, during a national day of recognition to celebrate the government's commitment to eliminating sleeping sickness by 2020.

**Testing That Saves Lives**

Left untreated, sleeping sickness can cause permanent neurological damage and death. But if diagnosed and treated early, children and adults infected with sleeping sickness can go on to lead normal, healthy lives.



*I don't think we'd
be working on this disease
if we didn't think
elimination was possible.*

—
Senior Program Officer MATT STEELE

Insights from Matt Steele

Can health workers like Bernadin Mokuba stop sleeping sickness? Based on the achievements in the DRC and other countries to date, I think the answer is yes. It's an ambitious but possible goal to eliminate sleeping sickness in the DRC, and later, from every country on the globe.

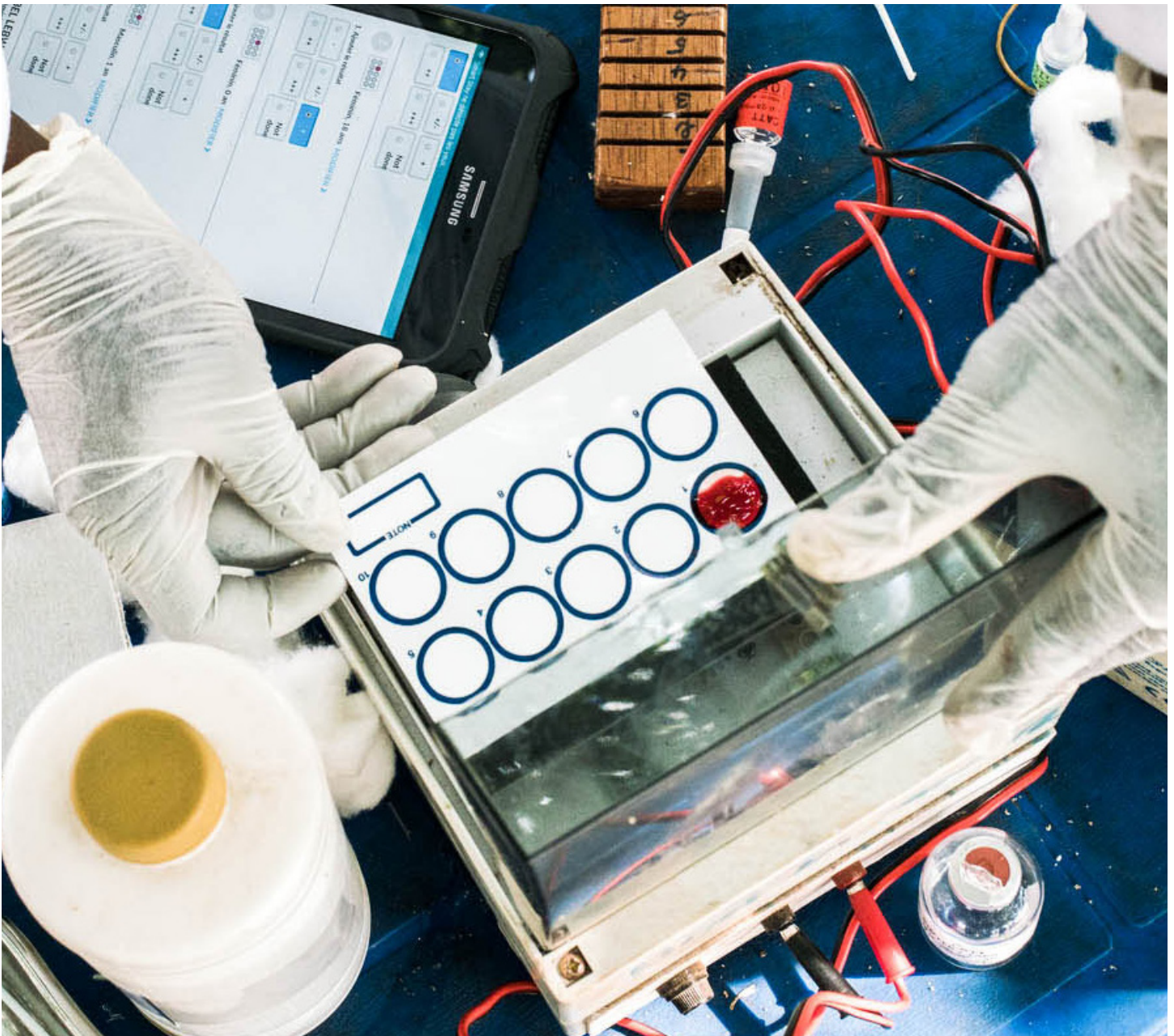
The people working to combat this disease often call sleeping sickness by its formal name, human African trypanosomiasis, or HAT. This initiative in the DRC, known as the HAT Elimination Project, has evolved over the years as we've learned more about what works.

A recent huge achievement has been the development of the screening test that lets us check many people for HAT,

quickly. That rapid diagnostic test is the result of years of investment, by the Gates Foundation and others, in the research and development of new tools to support country programs like the one in the DRC.

Now that new tools like this are available, the challenge is to scale up programs to reach everyone. When we can do that, we change the game. It's another important step toward elimination.

The HAT Elimination Project has entered a phase that has different challenges and hurdles—but also incredible hope. Global efforts so far have driven the number of cases, globally, from 30,000 in 2000 to less than 2,000 in 2017. Now we're aiming for zero.

**Mobile Clinics Test for Sleeping Sickness**

A mobile clinic worker travels from village to village to provide healthcare. Here in Ombali, she is testing for sleeping sickness. A few drops of blood is all it takes. With this tool, entire communities can be tested in a single day.

A photograph of three graduates in a dark setting. On the left, a male graduate in a purple cap and gown is shown in profile, looking towards the right. In the center, a graduate in a dark gown is mostly obscured by shadow. On the right, two graduates in white gowns and caps are visible, one of whom is raising their cap. The scene is dramatically lit from the side, creating strong highlights and deep shadows.

COLLEGE READINESS

WITH THE RIGHT SUPPORT,
HIGH SCHOOL STUDENTS IN THE US ARE
UNLOCKING THEIR POTENTIAL

**A New Direction**

In Wards 7 and 8 in Washington, DC, less than a third of high school graduates continue on to earn a post-secondary degree. With support from DC Achievers, students are beating the odds and changing that number for the better.

In Washington, DC, east of the Anacostia River, Wards 7 and 8 are struggling. Among the capital's eight districts, these two Wards have some of the highest rates of children living in poverty. And it's been that way for decades. DC Achievers, an initiative of the College Success Foundation, knows that these children have potential—and believes that education is a stepping stone to achievement. DC Achievers starts in middle school where students receive dependable sources of inspiration, mentoring, counseling, and financial support—that will follow them all the way through college. It's an approach that recognizes that consistency matters. And it's working: 51 percent of students in DC Achievers' first five cohorts to attend college donned their cap and gown for graduation. Nationally, the graduation rate for African American students of all income levels enrolled in bachelor's degree programs hovers around 40 percent.



A Commitment to Education
Long-term mentoring,
coupled with financial and
other support, can make
all the difference for students.



The research says by 2025, we'll be short about 11 million skilled workers in the US. We know education is the pathway to getting today's children into those jobs.

Former Senior Program Officer SARAH BAUDER

Q&A with Sarah Bauder

How did you join the Gates Foundation?

I came to the foundation having worked for 25 years with low-income students to get them into college, through college, and into the workplace. Here, I have a bird's-eye view and can scale good programs and approaches across the nation. For example, DC Achievers mirrors a successful program that College Success Foundation implemented in Washington State. We wanted to see if the model would transfer well to the communities in DC.

What did you learn during the transfer process?

When you try to take a program from one state to another, there are always issues. In the beginning, the program had drop-outs. As we learned what support students really needed and in what order, those slowed. It's an iterative process that takes time and effort to get right.

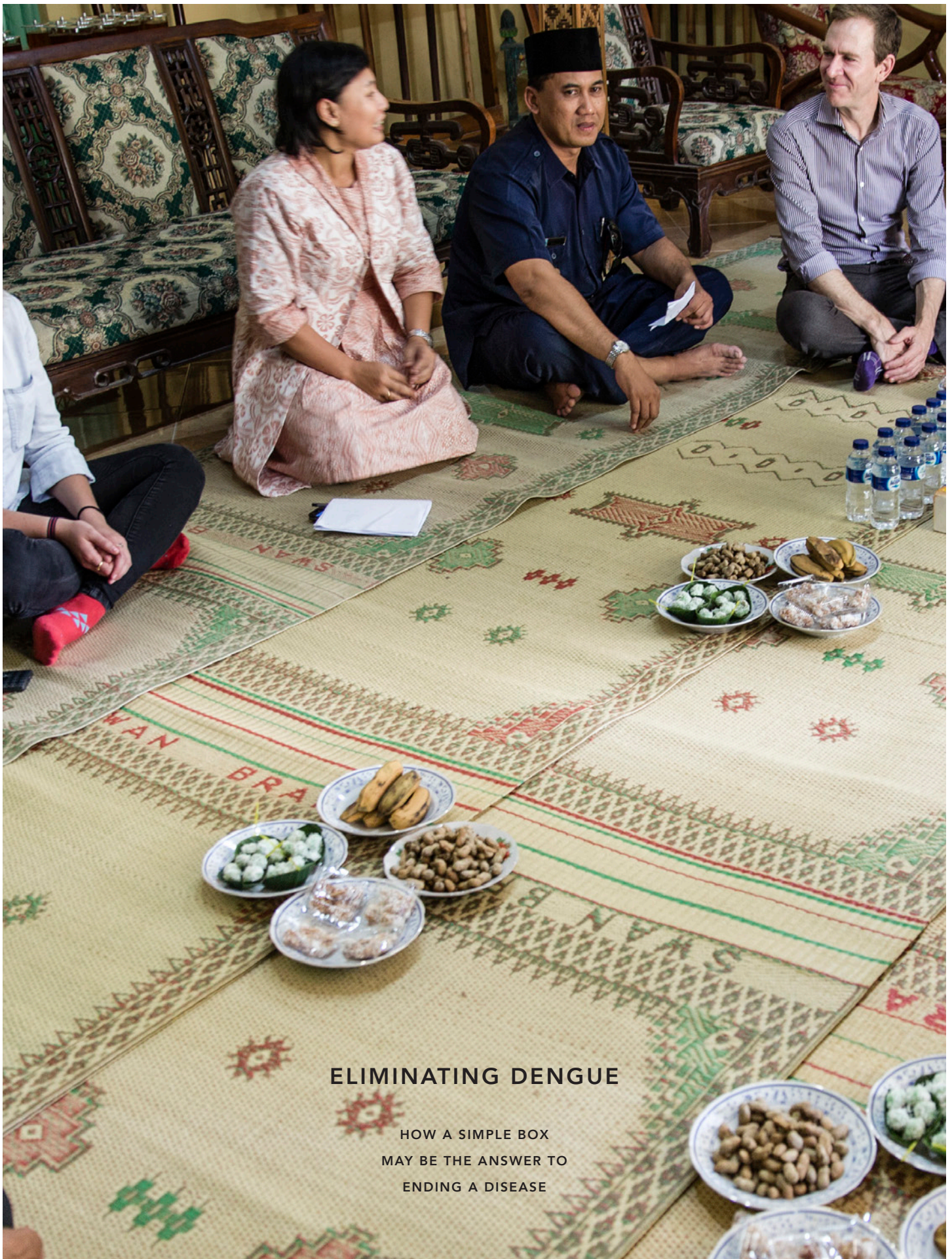
What has surprised you about DC Achievers?

I joined the program's mentors in DC to follow them for a day. We met with students and listened to their stories. Many talked about the changes they have seen in themselves over the years. It was so powerful, especially in helping me see the kind of impact that a program like this can have.

How has Gates Philanthropy Partners helped and what's next?

Students may often have only one parent at home and they didn't go to college. This funding has let us add mentoring and support for parents into the program, so that when students go home, they get the same message: your education matters! We've also learned so much about how to transfer this program and I would love to see us bring it to new communities.

Bauder has since taken a new role at a global nonprofit, but this investment continues with support from the foundation and Gates Philanthropy Partners.



ELIMINATING DENGUE

HOW A SIMPLE BOX
MAY BE THE ANSWER TO
ENDING A DISEASE

**Mozzie Box**

The Mozzie Box is a food take-out box that holds mosquito food, water, and 50 *Aedes aegypti* mosquito eggs containing bacteria called *Wolbachia* that naturally prevent these mosquitoes from carrying infectious diseases like dengue.

The World Mosquito Program's work is unique because it's using biology. Actually, it's using nature as a solution to another problem in nature.

Deputy Director STEVE KERN

Steve Kern Discusses the World Mosquito Program

The Dalai Lama famously encouraged followers by saying, "If you think you are too small to make a difference, try sleeping with a mosquito." The power of a mosquito belies its tiny size. In the world's tropical regions, mosquitoes wreak havoc on people's lives as carriers of debilitating and potentially deadly diseases.

The most lethal of the species is the *Aedes aegypti*, which can carry viruses including Zika, chikungunya, and dengue. Researchers around the world are racing to learn more about this deadly insect, which is rapidly expanding its territory to other regions, including parts of the United States. At Monash University

in Australia, a regional hub for the World Mosquito Program, a team of researchers has been puzzling away at how to stop the *Aedes aegypti* from carrying one specific disease—dengue. Their research has a lot riding on it; the World Health Organization estimates that half of the world's population is now at risk of contracting dengue.

The team has found one possible solution to preventing disease transmission in these mosquitoes—and it happens to be a solution already found in nature. *Wolbachia* is the name of bacteria that are found in nearly 60 percent of all insects. However, they are not found in the *Aedes aegypti* mosquito. »

» *Continued*

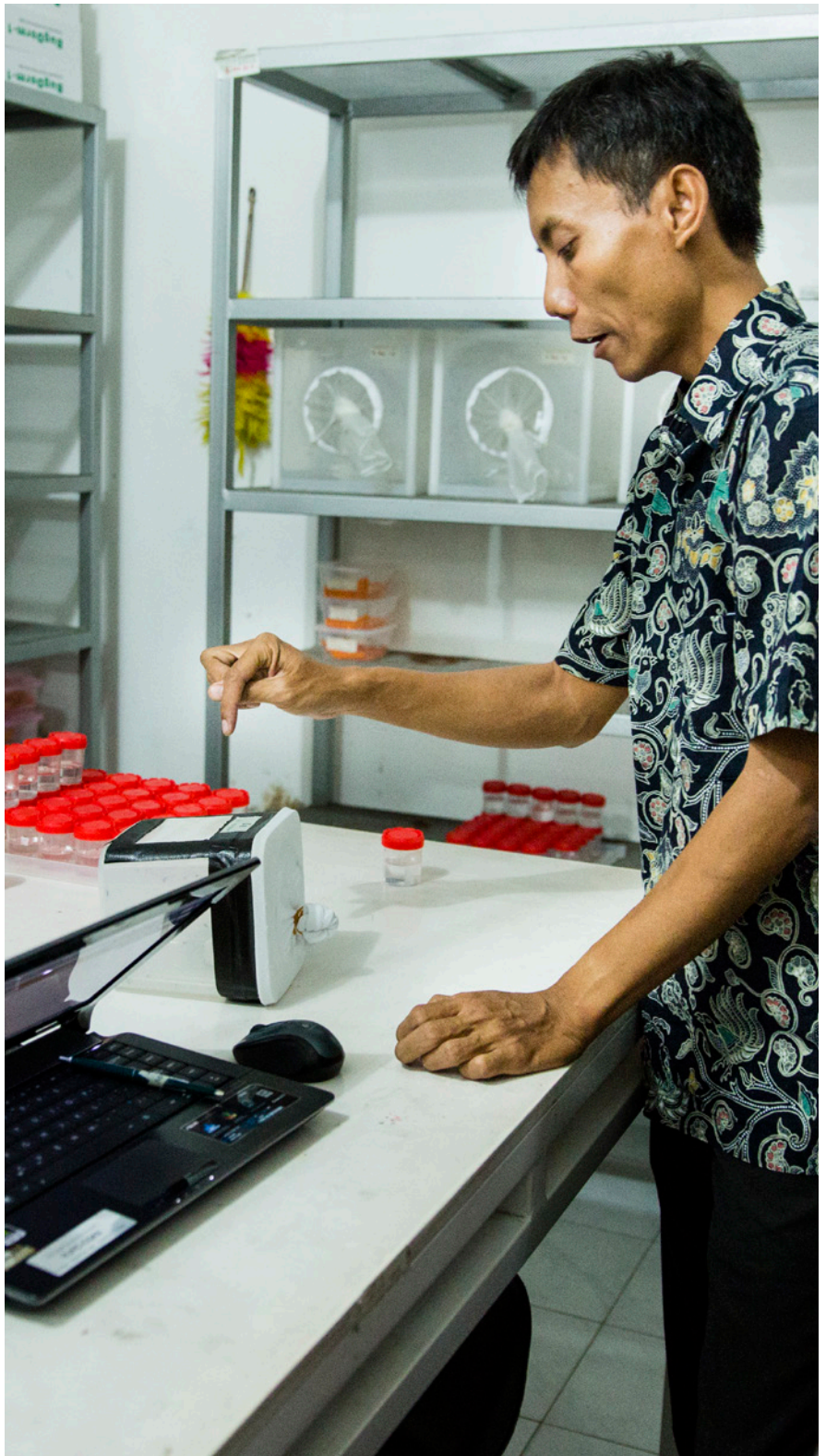
Curious about the bacteria, the Monash team discovered that they can be a game-changer for the *Aedes aegypti*. When introduced to *Wolbachia*, the mosquito's ability to transmit viruses to people is dramatically reduced and the risk of dengue, Zika, and chikungunya outbreaks also decreases.

So how does one introduce bacteria to a tiny mosquito? After testing various options, the Monash team came up with the "Mozzie Box"—an affectionate name for a repurposed food take-out box, which has a strip of mosquito eggs that contain the *Wolbachia* bacteria, a pellet of food, and water. Two weeks later, mosquitoes hatch out into the world where they will

mate with natural, wild mosquitoes—spreading the bacteria.

The Gates Foundation's Steve Kern, Deputy Director of Quantitative Sciences, is excited about the potential of this solution. In response to the project's progress, he notes, "If we waited ten million years, we'd probably naturally see this evolution of *Wolbachia* entering *Aedes aegypti*. We're investing in this project because it's speeding up the process, and in doing so, we can prevent dengue.

We can also prevent Zika and chikungunya, which is what's phenomenal about this project. We are getting three positive outcomes from a single investment."



Fieldwork in Indonesia
Entomologist Warsito Tantowijoyo leads a demonstration at the World Mosquito Program's insectary lab in Yogyakarta, Indonesia.



CONTROLLING
NEGLECTED TROPICAL DISEASES

THE FUTURE OF TREATMENT
FOR NEGLECTED TROPICAL DISEASES IS
LOW-COST AND HIGH-IMPACT

**Administering Treatment**

Neglected tropical diseases (NTDs) are particularly harmful to children. Children with schistosomiasis, a disease caused by parasites, may face undernutrition, stunted growth, and cognitive delays. As a result, they may perform poorly in school. Mass drug administration is a low-cost way to prevent and treat five of the most common NTDs affecting school-aged children.



Over 1.6 billion people are affected by neglected tropical diseases, and there are easily available and free preventions and treatments for these.

Program Officer MAX GASTEEN

A Conversation with Max Gasteen

Max Gasteen is a program officer with the Gates Foundation's global advocacy team. He spends his days thinking about the 1.6 billion people around the world who have one or more of what are called neglected tropical diseases (NTDs)—illnesses like schistosomiasis, lymphatic filariasis, trachoma, intestinal worms, and 16 others. Gasteen explains, "These are diseases that have historically been neglected by the global community. Not many resources have been directed at them. But we also call them neglected because they affect people who have been neglected. These are diseases of poverty."

Investing in and advocating for these diseases has been a commitment of the Gates Foundation for more than a decade. With so many diseases needing attention, Gasteen shares that the

foundation focuses on those interventions that are the most promising or have a proven track record.

One of the most impressive interventions is mass drug administration, coordinated by grantees like the END Fund, which coalesces organizations to distribute treatments at schools or community events in order to reach thousands of children and adults.

"Thanks to pharmaceutical companies that donate the drugs... it costs about 50 cents to deliver an integrated package of treatments that prevent five of these diseases. Every dollar you donate to this program delivers \$26 worth of medicines. Together, we can make a massive improvement in the lives of hundreds of thousands of people."



IMPROVING HEALTH FOR WOMEN AND
ADOLESCENT GIRLS

MIDWIVES ARE DRIVING
CHANGE IN
THEIR COMMUNITIES



Midwives of Makassar

*How a group of midwives is creating a better future for women
and their families in Indonesia*

In the port city of Makassar on Indonesia's South Sulawesi island, Johns Hopkins University's MyChoice program is collaborating with a local group of trained midwives on new ways to counsel women and couples on making informed choices about their contraceptive needs.



Information at Their Fingertips

Midwives explore the *MyChoice* app and discuss practical ways to use this new tool in their regular practice.

Every day, the midwives of Makassar are saving lives. As a mostly volunteer workforce, these women fan out across the city and surrounding region to meet with couples, expectant mothers, and new parents to talk with them about contraceptives, warning signs of pregnancy complications, and how to care for their newborn. Beyond teaching about contraceptives, these midwives are talking about important topics that impact the lives of mothers and babies—the age of marriage, education, and how much money to save for raising a family. They are equipping their communities with information and choices. In addition, an interactive app designed by Johns Hopkins University’s Center for Communication Programs has armed these midwives with quizzes, demonstration videos, and easy-access information to share—as well as the ability to keep track of the unique needs of each woman and family.

Family planning empowers women to take control of their lives, and by doing that, they can transform the lives of their children, their families, and their communities.



Deputy Director LESTER COUTINHO

Insights from Lester Coutinho

The midwives are one piece of the puzzle. To change behaviors around contraceptives and remove stigma and cultural taboos, it takes a community—and often a country. The Johns Hopkins team and its local partners are also engaging with religious leaders, community organizations, and government officials across the vast network of islands in the country because, without buy-in and budget allocation, the midwives and the women they care for face an uphill battle. The program’s holistic approach is proving to be successful. The Gates Foundation and Gates Philanthropy Partners recently invested in its expansion to new districts. The ultimate goal is to increase access to contraception

for all women who want it and to offer those women a contraceptive method that meets their needs. This means introducing options beyond condoms and pills to include long-acting methods like injectables and intrauterine devices, also known as IUDs. By providing women, couples, and families with options, the country expects to benefit from women having a renewed sense of opportunity—to plan for an education, a job, and the future.

You are the partner in
Gates Philanthropy Partners.

Thank you.

Learn more at:
www.gatesphilanthropypartners.org



Visit our website:

www.gatesphilanthropypartners.org

Contact us:

Gates Philanthropy Partners
PO Box 23350
Seattle, WA 98102
206.726.7277
give@gatesphilanthropypartners.org

Our team:

Robert Rosen, Executive Director
Jennifer Alcorn, Deputy Director
Emily Inslee, Program Manager
Dave Glauser, Senior Finance Manager
Nancy Chan, Program Coordinator

Featuring program experts of the Bill & Melinda Gates Foundation:

Matt Steele, Senior Program Officer, Integrated Delivery
Max Gasteen, Program Officer, Program Advocacy and Communications, Malaria and Neglected Tropical Diseases
Lester Coutinho, Deputy Director, Family Planning
Sarah Bauder, Former Senior Program Officer, US Program, Postsecondary Success
Steve Kern, Deputy Director, Quantitative Sciences

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