



As our inaugural class of USAID | Notre Dame Global Development Fellows prepares to travel throughout the world, bringing research skills to organizations that help solve some of today's most pressing development challenges, I am reminded of the opportunity we have every day at the Notre Dame Initiative for Global Development (NDIGD) to positively impact the lives of our students and those in need.

NDIGD has grown tremendously since our launch in 2012, and the USAID | ND Global Development Fellowships—one of the premier efforts of the new U.S. Global Development Lab—is just one example of this growth. NDIGD was not designed to be just another think tank. It was envisioned as a vibrant center of solution-oriented research focused on rigorous, data-driven impact evaluation; the designing and planning of development projects; and training. This past year's accomplishments prove that this bold vision is being realized.

What inspires me about our work is its application to real-world, global challenges. In October, NDIGD's Global Impact Forum in Washington, D.C., focused on the disconnect that sometimes exists between academic research and efforts to address the needs of communities in developing countries. I am confident that NDIGD is helping to bridge that gap. This year alone, our training division enabled 25 of the brightest young leaders from 17 African countries to be trained in business and entrepreneurship as part of the U.S. Department of State's Mandela Washington Fellowship.

ON THE COVER

Lerato Tshabalala spent six weeks at Notre Dame as part of the Mandela Washington Fellowship for Young African Leaders in the summer of 2014. Read more about this project on **PAGE 10**.

Our technology division partnered with key private sector partners to deliver solar energy to schools in the Democratic Republic of Congo and Uganda, training new entrepreneurs, and helping to create jobs. Our evaluation division is helping to determine the impact of water projects provided by the Millennium Challenge Corporation throughout Ghana.

The top universities of the 21st century will be those that not only provide preeminent research, but also have the greatest impact on the world through their research, training, and innovative solutions. At NDIGD, we are blessed with the opportunity to extend the expertise of Notre Dame faculty, students, and staff toward achieving that goal.

I am pleased that our reach will extend this coming year, when NDIGD joins six campus institutes and centers in the new Keough School of Global Affairs. This collaboration will be a propitious opportunity to help meet human needs throughout the world. Our inaugural class of USAID | ND Global Development Fellows will be one of many ways in which we hope to ensure that outcome in the years ahead.

Michael Sweikar

Michael Sweikar
Managing Director



Danice Brown



Chen Chen



Juan Carlos Guzman



Dennis Haraszko



Thomas Hare



Joya Helmuth



Lila Khatiwada



Thomas Marentette



Meagan McDermott

WHAT WE DO



Students work with community members in Uganda to collect data on mobile devices. For more on this project, see page 14.

FOCUS AREAS

COMMERCE & ECONOMIC
DEVELOPMENT

EDUCATION

ENERGY, ENVIRONMENT
& SUSTAINABILITY

GLOBAL HEALTH

GOVERNANCE
& RULE OF LAW

HUMAN DEVELOPMENT

INFRASTRUCTURE

SECURITY
& PEACEBUILDING

The Notre Dame Initiative for Global Development (NDIGD) leverages the University's signature strengths to promote development and human dignity to people in need worldwide.

Notre Dame's existing world-class teaching and research faculty come together with a dedicated staff of researchers and administrators to provide support to country programs, funding agencies, and partners.

NDIGD is not just another think tank, but a vibrant center of solution-oriented research focused on design and planning of development projects; rigorous, data-driven impact evaluation and assessment; and training.

Two years after its official launch, the Notre Dame Initiative for Global Development has been involved in more than 25 global development projects, many in collaboration with University institutes, centers, and

programs. In the process, NDIGD has helped to create new avenues for faculty research funding and partnerships:

6 PRIVATE SECTOR PARTNERSHIPS

Accenture: Connectivity, Electricity, & Education for Entrepreneurship

HP: Computing Solutions

IBM and Coca-Cola: The Mandela Washington Fellowship for Young African Leaders

Verizon: Mobile Health Technology Impact Evaluation

General Electric: Reliable Electricity and Renewable Energy Skills for Students in the Democratic Republic of Congo

6 NEW UNIVERSITY RESEARCH PARTNERS

Millennium Challenge Corporation

International Initiative for Impact Evaluation

Blue Planet Network

Project Concern International

Association of Volunteers in International Service

International Justice Mission

3 NEW USAID GRANTS

USAID | ND Global Development Fellowships

12 graduate student research fellowships worldwide

Study of the link between public health, good governance and democratic politics in East Africa

Dr. Robert Dowd, Director of the Kellogg Institute's Ford Family Program in Human Development Studies and Solidarity

Impact evaluation of political groups in Mali

Dr. Jaimie Bleck, professor of political science and faculty member, the Kellogg Institute's Ford Family Program in Human Development Studies and Solidarity

The Initiative is comprised of three divisions:

IMPACT EVALUATION

MEASURING THE IMPACT OF PROGRAMMING ON INSTITUTIONS AND THE IMPACT OF REFORMS ON DESIRED OUTCOMES

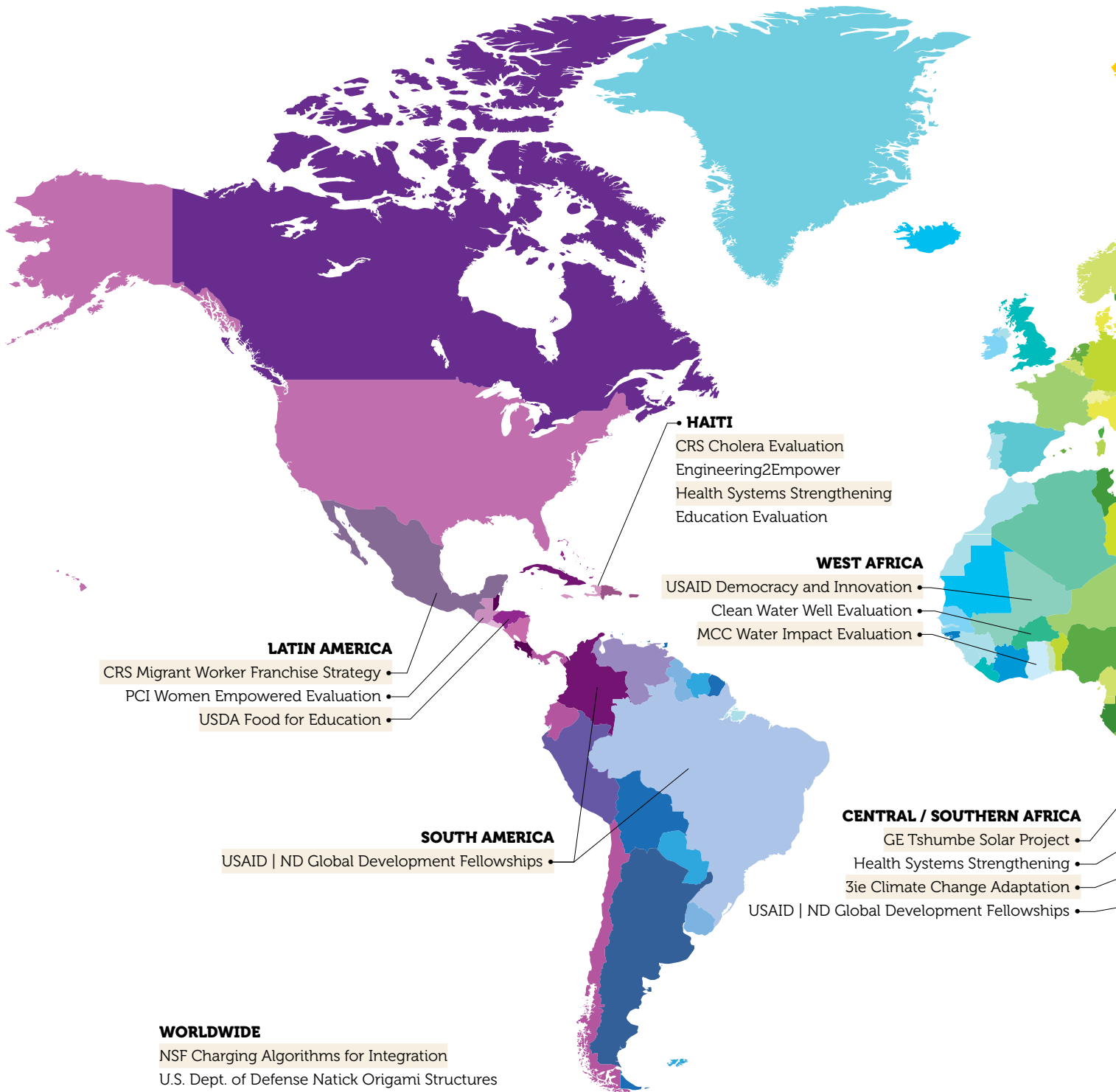
CAPACITY BUILDING

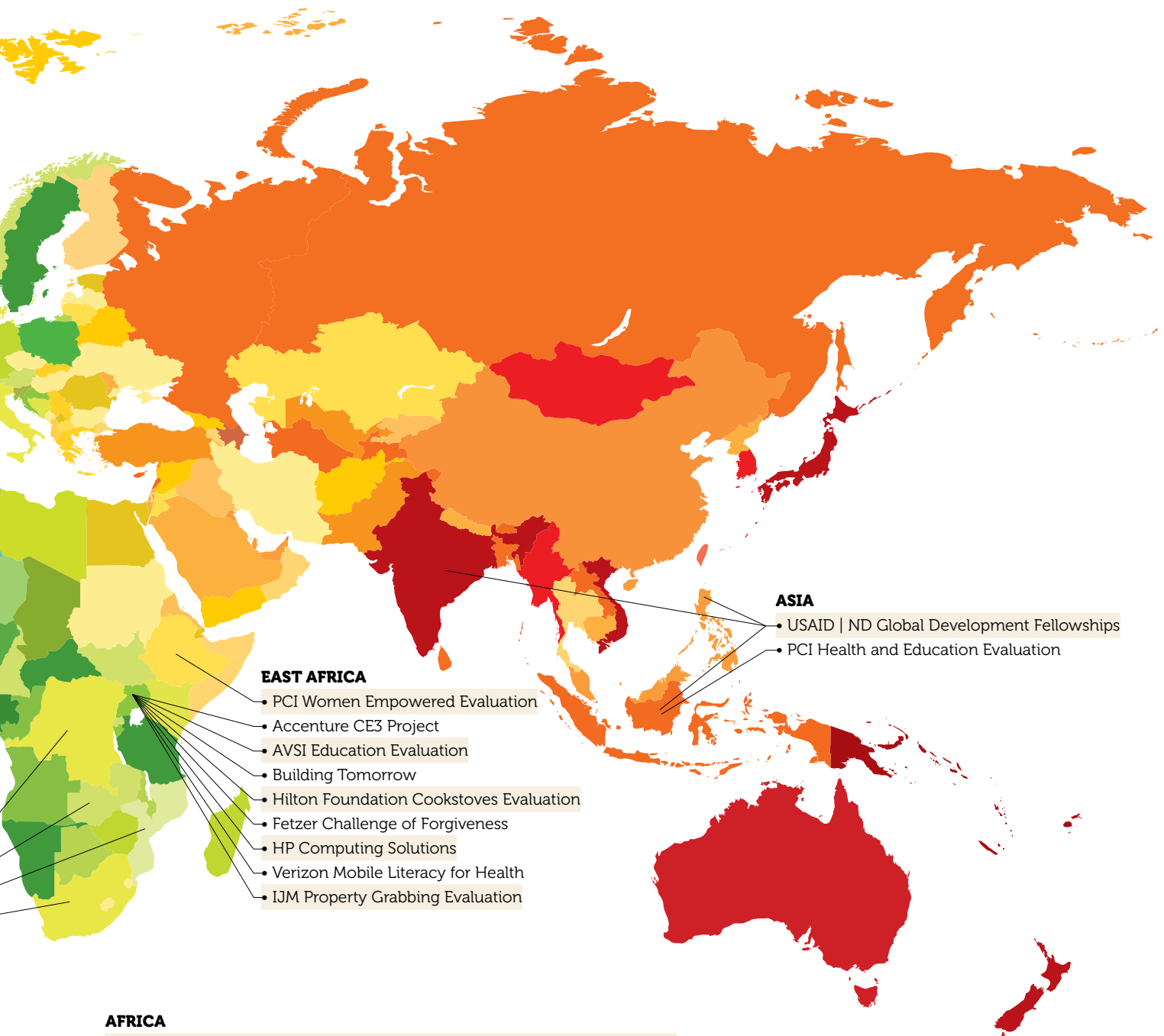
PROVIDING MULTIDISCIPLINARY TEAMS AND APPROACHES TO DEVELOP TRAINING AND EDUCATION PROGRAMS

INNOVATIVE TECHNOLOGY

DESIGNING AND OVERSEEING INTERVENTIONS IN PARTNERSHIP WITH LOCAL EXPERTS, INTEGRATING NOTRE DAME RESEARCH FOR LONG-TERM SOLUTIONS TO DEVELOPMENT CHALLENGES

NOTRE DAME INITIATIVE FOR GLOBAL DEVELOPMENT PROJECTS WORLDWIDE





GLOBAL DEVELOPMENT



How can we make education “smarter” through the innovative use of technology? What has been the result of the reduction in the drug trade in the Brazilian favelas? What are the best indicators of effective and sustainable democracy?

These are just a few of the questions Notre Dame students will be researching while abroad during the 2015–2016 academic year. The U.S. Global Development Lab, a division of the U.S. Agency for International Development, is partnering with Notre Dame to provide research and innovation fellowship opportunities to solve challenges in developing countries.

From democracy to disease prevention, education to peace, this year’s fellows will work with local organizations, research labs, and universities in Brazil, Colombia, India, and South Africa for two to twelve months. Their work is poised to leave a lasting impact on the world.

BY THE NUMBERS

USAID | ND Fellows

2015-6: **12**

2016-7: **15**

2017-8: **20**

2015-6 Fellow focus areas:

- 1** COMPUTER SCIENCE
- 1** ENGLISH
- 1** GLOBAL HEALTH
- 3** PEACE STUDIES
- 3** POLITICAL SCIENCE
- 2** SOCIOLOGY
- 1** THEOLOGY

Opportunities exist in any of **7** countries:

BRAZIL
COLOMBIA
INDIA
INDONESIA
PHILIPPINES
SENEGAL
SOUTH AFRICA



USAID
FROM THE AMERICAN PEOPLE



**U.S. GLOBAL
DEVELOPMENT
LAB**
Powered by **USAID**

FELLOWSHIPS



These fellowships provide a beneficial dimension to the research work and professionalization of our students.

The USAID Notre Dame partnership is particularly timely, as it comes at a time when Notre Dame is preparing to open the Keough School of Global Affairs, the first new college or school at Notre Dame in nearly a century. This partnership provides an enriching opportunity for our students, and is valuable for the university as a whole.

—Theresa Ricke-Kiely, faculty mentor and Associate Director, Kroc Institute for International Peace Studies

FACULTY



G. Alex Ambrose



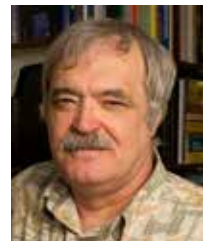
Joseph Buttigieg



Michael Coppedge



David Hachen



Greg Madey



Ann Mische



Jean Porter



Theresa Ricke-Kiely



Katherine Taylor

MANDELA WASHINGTON



One by one, they arrived on Notre Dame's campus in the middle of June. Exhausted from their flights from halfway around the world, each found themselves in Mendoza College of Business's Giovanini Commons on a bright Monday morning to begin an intensive institute focused on business and entrepreneurship.

Successful leaders in their own right, this cohort of Mandela Washington Fellows built relationships, business plans to implement upon their return to Africa, and new perspectives that caused one to remark, "I no longer feel a citizen only of my country. I am a citizen of Africa."

Six weeks later, twenty-five of the newest members of the Notre Dame family left for a Presidential Summit in Washington, D.C., followed by an energetic return to their home countries with a new spirit of inspired leadership and practical tools to accomplish new, broader goals.

BY THE NUMBERS

Notre Dame's **25** Fellows represented **17** countries:

BURKINA FASO
CÔTE D'IVOIRE
GHANA
GUINEA
KENYA
LIBERIA
MALI
MAURITANIA
MOZAMBIQUE
NAMIBIA
NIGER
NIGERIA
SENEGAL
SOUTH AFRICA
UGANDA
ZAMBIA
ZIMBABWE

49,503
applications received by the
U.S. Department of State

500
fellowships awarded



FELLOWSHIP



The Fellowship is a cornerstone of Notre Dame's longstanding relationship with a continent that faces great challenges—and great opportunities.

As Notre Dame continues to expand its reach through its Global Gateways and other international partnerships, the Mandela Washington Fellowship also presents vital opportunities for Notre Dame to become an effective partner in the socio-economic transformation of Africa in a more concrete way.

—Peter John Opio, YALI Academic Director and visiting professor, Mendoza College of Business

FACULTY



Marc Hardy



Fr. Bob Dowd, C.S.C.



Peter John Opio



Angela Logan



John Michel



Samuel Miller



David Murphy



Melissa Paulsen

CLEAN WATER FOR



The Millennium Challenge Corporation (MCC) is working with the Republic of Ghana to reduce poverty through agribusiness development. One part of this project is to provide water systems to Ghanaian communities. A total of 392 water points have been constructed, including boreholes, small town water systems, and pipe extensions.

Has this been effective? To find out, MCC is partnering with NDIGD to conduct an independent evaluation of its efforts.

The results of the study will help determine whether improving water systems in participating districts has reduced the prevalence of illness and generated health improvements, whether productivity and incomes have increased with the availability of better water, the sustainability of the water points, and economic impact of the households. NDIGD monitoring and evaluation experts are surveying 100 Ghanaian communities to collect this data in a quasi-experimental design.

BY THE NUMBERS

392
community
water points

1200
households included
in surveys

100
communities surveyed

2
local university partners

Total MCC investment
in Ghana, of which this
water project is part:
\$542 MILLION

HEALTH



We are excited about investigating whether the model used for the water intervention has led to improved health outcomes, particularly in the case of diarrhea, which continues to be a leading cause of death among the developing world's children.

—Edwin Michael, professor of biological sciences and faculty member, Eck Institute for Global Health

We are collaborating with several experts in Ghana to assist in providing local expertise and knowledge as we design the study and carry out the evaluation.

—Lila Khatiwada, Monitoring & Evaluation Specialist,
Notre Dame Initiative for Global Development

FACULTY



Joseph Kaboski



Edwin Michael

BUILDING TOMORROW



The key to success of nonprofit Building Tomorrow's schools is the investment of local community members and parents in the school, who are also sensitized to the importance of educating their children. Community engagement in the school's construction and management is much more than just a cost-sharing model; it is imperative to the school's long-term stability.

This research project, conducted by three Notre Dame students, two Uganda Martyrs University students, and led by NDIGD, aimed to identify indicators that lead to success in Uganda's rural schools. These indicators inform the development and management of new or existing schools by clearly demonstrating the impact of specific variables, such as a school feeding program, teacher housing, or a parent teacher association, on improving a school's chances of achieving success.

As a result of these efforts, two new schools will be built in Uganda in 2015.

BY THE NUMBERS

5

Notre Dame and Ugandan students working together to collect data

47

households surveyed

13

focus groups held

6

schools surveyed

2

new Ugandan schools supported through this project

630

Ugandan students receiving new learning space



Notre Dame students Meghan Gallagher and Megan Reineccius are surrounded by children who benefit from these schools.

We are excited to provide *Building Tomorrow* research that can help them in their mission to improve educational opportunities for children in Uganda.

Our students at Notre Dame and Uganda Martyrs University have been fully committed to this project and look forward to continued interactions with the new Notre Dame School that will be built in Kongota.

—Jaimie Bleck, professor of political science and faculty member, the Kellogg Institute's Ford Family Program in Human Development Studies and Solidarity

STUDENTS



Liana Cramer



Meghan Gallagher



Megan Reineccius

FACULTY



Jaimie Bleck

PROJECT CHOICE: SIX



Child Health Opportunities Integrated with Community Empowerment, or CHOICE, was a four-year, USAID-funded project created to improve the health and nutrition status among children and their caretakers. Implemented from 2003 to 2007 by Project Concern International (PCI) in the Pandeglang District of Indonesia, the project was designed to provide better access to quality primary health care services, improve health seeking and caregiving behaviors among caretakers, and implement PCI's community-based health development model through partner non-governmental organizations.

Conducting a post-project evaluation is a unique opportunity to assess long-term results of any program. In addition to determining the level of success (or failure) of project activities, doing so six years past completion gives a true view of impact and sustainability. Whether results are positive or less than optimal, they point to adjustments and modifications that can be made to improve future efforts.

BY THE NUMBERS

1794

mothers surveyed

1947

children surveyed

56

sample villages

94

health centers in
Pandeglang District

37

doctors in
Pandeglang District

YEARS LATER



Student Rebecca Tracy, a student in the Eck Institute's Master of Global Health program, visits a school in Pandeglang, Java, Indonesia. Students in the school took a non-verbal IQ test to measure general intelligence, which is also used to measure the impact of good nutrition.

This is the type of evaluation that should be conducted more often for global health interventions. I am delighted to see that PCI has taken such evaluations seriously.

—Edwin Michael, professor of biological sciences and member of the Eck Institute for Global Health

Post-project sustainability studies are rarely done in the international development arena. This opportunity will provide us to better understand what works and what does not when we go back to the same communities after six years.

—Lila Khatiwada, Monitoring & Evaluation Specialist, Notre Dame Initiative for Global Development

STUDENT



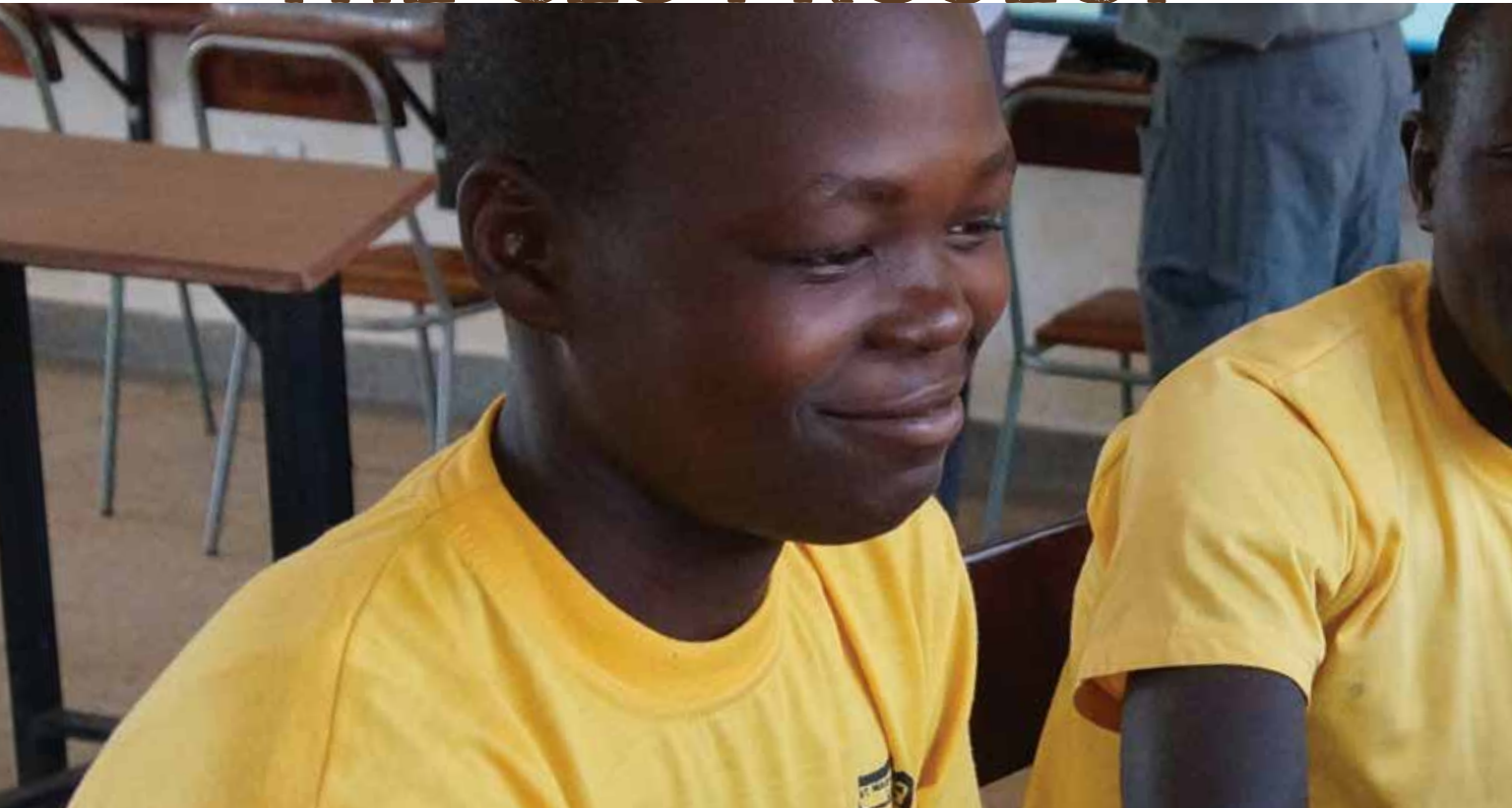
Rebecca Tracy



Edwin Michael

FACULTY

THE CE3 PROJECT



For the past two decades, northern Uganda has been the center of brutal violence instilled by the Lord's Resistance Army rebels, which resulted in 2 million people being displaced from their homes and tens of thousands kidnapped, mutilated or killed. In recent years, there has been relative stability, but the people still have limited access to electricity, connectivity and jobs.

CE3 is a long-term, systems approach to local economic growth. Serving as a catalyst, CE3 integrates off-grid renewable energy technologies, access to HP computing solutions, and locally-focused entrepreneurial training with mentoring from both local business owners and remote Accenture volunteers (U.S.-based Notre Dame alumni). Phase one was completed in 2014 and brought solid results. Phase two is commencing in 2015 and will broadly expand efforts both in Uganda, and into South Africa.

BY THE NUMBERS

328
entrepreneurial trainees

2253
ICT trainees

40
new businesses started

19
solar trainees

136
total jobs created

3733 KWH
clean energy delivered

65%
of consumed energy
monetized and recaptured
toward expansion
and sustainability



Students and entrepreneurs participate in CE3 business training at St. Mary's Secondary School in Lacor, Uganda.

CE3 is an innovative, systems approach to development. It brings together rural communities with sustainable energy, information and communication technologies, and entrepreneurial training.

The objective of this approach is to increase choice and participation with jobs and new businesses, leading to communities that prosper.

—Tom Marentette, Project Manager,
Notre Dame Initiative for Global Development

STUDENT



Adrian Gerbaud

FACULTY



Peter Bauer



Michael Lemmon



Thomas Loughran



Melissa Paulsen

TSHUMBE SOLAR



The Université de Notre Dame de Tshumbe (UNITSHU) consists of several simple buildings used as lecture rooms and offices for about 800 students. Tshumbe offers an abbreviated, but highly relevant, menu of educational programs: computer science, management and economics, psychology and educational sciences, and medicine. The lack of a reliable energy source to power computers and reading lamps after dark presents a tremendous obstacle to student achievement. It is, moreover, not simply the lack of reliable energy that hinders Tshumbe's students, but also the incredible cost of that energy when it is available.

After the completion of a solar installation in this remote area of the Democratic Republic of the Congo, UNITSHU now generates enough electricity to power the new computer lab, provide study halls after sundown, recharge phones for students and faculty, and begin to bring the university into the information age.



BY THE NUMBERS

40

solar panels installed in a school in the Democratic Republic of the Congo, providing power to the new computer lab and study halls for over

800

students and faculty

16

months needed for the solar panels to travel from Maine, USA, for delivery to Tshumbe, DR Congo

20 KWH

of power generated daily from the solar array

PROJECT



Installing the final solar panels on the array in Tshumbe.

We help empower young people with tools to start small businesses in order to force the economy and alleviate their suffering. There is no way you can really promote development without electricity, and this will help our students and the university to be updated with the evolution and the progress of science and education.

—Fr. Emory Longange, Diocese of Tshumbe

STUDENT



Lindsey Forsberg

FACULTY



John Cavadini



Peter Kilpatrick



Michael Lemmon

MOVING FORWARD



The Keough School of Global Affairs

The Notre Dame Initiative for Global Development is proud to be one of the seven Notre Dame units that will transition into the new Keough School of Global Affairs by 2017.

“Through the Keough School, Notre Dame will prepare students for effective and ethically grounded professional leadership in government, the private sector and global civil society, engaging them in the worldwide effort to address the greatest challenges of our century: threats to security and human dignity that come in the form of crushing poverty and underdevelopment; failed governance and corruption; resource wars; civil wars; and other forms of political violence and human rights violations,” said Rev. John I. Jenkins, C.S.C., president of the University. He added that the school will “devote itself to the advancement of integral human development—a holistic model for human flourishing articulated in Catholic social thought by popes from Paul VI to Francis.”

WORK WITH US

The University of Notre Dame's Initiative for Global Development improves human dignity worldwide through global development research and projects. There are many ways to connect with NDIGD in this endeavor.

PARTNERSHIPS

NDIGD works on implementation and evaluation for a variety of partners, including government agencies, NGOs, humanitarian organizations, foundations, and others in the United States and overseas.

CORPORATE IMPACT PROGRAM

NDIGD places a high value on our corporate collaborations, and we have created the Impact Program for corporations and foundations who support projects at the level of \$50,000 or above (or \$25,000 in unrestricted gifts) annually. Impact members benefit by gaining access to talent both at Notre Dame and in country; training on business ethics; insight on overcoming challenges by sharing best practices and lessons learned; and networking with university experts, NGOs, and federal agencies in designing new corporate responsibility projects.

PRIVATE DONATIONS

Many NDIGD projects are able to be supported by private donations. In addition to project-specific funding, the University seeks multiple endowments for excellence to support outreach, public events, and publications, as well as other critical Initiative priorities.

If you have questions or would like to speak with our managing director, please call 574-631-2940, or email globaldevelopment@nd.edu.

"The Initiative is not
just another think tank, but

A VIBRANT CENTER OF SOLUTION-ORIENTED RESEARCH

focused on rigorous, data-driven impact
evaluation and assessment, design and planning
of development projects, and training."

— Rev. John I. Jenkins, C.S.C.
President, University of Notre Dame

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