



THE CENTER FOR  
HIGH IMPACT PHILANTHROPY  
The University of Pennsylvania



**BOLD** FOR PHILANTHROPISTS  
**IDEAS** TO DRIVE **SOCIAL CHANGE**

OUR SELECTION OF ENTRIES FROM MacARTHUR FOUNDATION'S





# THE CENTER FOR HIGH IMPACT PHILANTHROPY

The University of Pennsylvania

CELEBRATING 10 YEARS

The Center for High Impact Philanthropy (CHIP) is the only university-based center with a singular focus on philanthropy for social impact. Founded as a collaboration between the School of Social Policy & Practice and alumni of the Wharton School, it is a trusted source of knowledge and education to help donors around the world do more good. To learn more about how CHIP analyzes opportunities for high social impact, visit [www.impact.upenn.edu](http://www.impact.upenn.edu).

## PROJECT TEAM

### ANNE FEROLA,

*Director of Education and Strategic Partnerships, Center for High Impact Philanthropy*

### KATHERINA M. ROSQUETA,

*Founding Executive Director, Center for High Impact Philanthropy and adjunct faculty at the University of Pennsylvania's School of Social Policy & Practice*

### HELEN JEOUNG,

*2016-17 Lipman Family Prize Fellow and Ph.D. student in linguistics at the University of Pennsylvania*

### LINDSAY KIJEWski,

*2016-17 Lipman Family Prize Fellow and recent graduate of the M.S. program in nonprofit leadership at the University of Pennsylvania*

### KIM-JAMY NGUYEN,

*2016-17 Lipman Family Prize Fellow and recent graduate of the M.S.Ed. program in education, culture, and society at the University of Pennsylvania*

*The Barry & Marie Lipman Family Prize at the University of Pennsylvania is an annual global award given to one organization that celebrates leadership and innovation in the social sector. Lipman Fellows plan and execute elements of the award process. Recruited from various graduate schools at Penn, Fellows train with CHIP team members to review applications, analyze data, and prepare materials for the Prize Committee. Given their training and experience, the Fellows were ideally suited to the task of analyzing and organizing hundreds of pieces of information provided by MacArthur for this guide.*

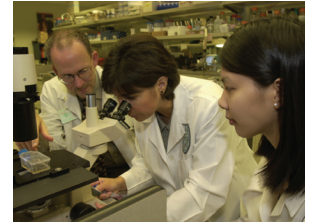
# MacArthur Foundation

The John D. and Catherine T. MacArthur Foundation supports creative people, effective institutions, and influential networks building a more just, verdant, and peaceful world. MacArthur is placing a few big bets that truly significant progress is possible on some of the world's most pressing social challenges, including over-incarceration, global climate change, nuclear risk, and significantly increasing financial capital for the social sector. In addition to the MacArthur Fellows Program, the Foundation continues its historic commitments to the role of journalism in a responsible and responsive democracy, as well as the strength and vitality of our headquarters city, Chicago.



# BOLD IDEAS CONTENTS

## BEST BETS



### 6 THE CURE

Combat emerging disease threats by creating a seamless “detection to production” system



### 7 WASTE NOT, WANT NOT

Help women farmers earn a living, fight malnutrition, and reduce waste with solar-powered technology



### 8 ECO-FRIENDLY INVESTMENT

Address climate change and sustainable development by mobilizing private investment



### 9 STINGING SCIENCE

Reduce mosquito-transmitted diseases with a naturally-occurring bacteria



### 10 MODERN MEDICINE

Equip community health workers with modern digital tools for better data collection



### 11 INVISIBLE & UNDOCUMENTED

Prevent human exploitation by enabling birth and death registrations of poor populations



### 12 PRISON BREAK

Help incarcerated individuals get access to educational and behavioral programs that reduce recidivism



### 13 NO PLACE LIKE HOME

End chronic homelessness by expanding housing and providing holistic services



### 14 TWO-GENERATION INTERVENTION

Break the cycle of poverty by connecting parents—and their children—to services



### 15 A VISIONARY PLAN

Bring eye care to one billion of the planet's poorest inhabitants



### 16 LAND OF THE LOST

Eradicate explosive remnants of war and reclaim land

## TOP 81 PROPOSALS

17-21 ORGANIZED BY CAUSE AREA

22-23 ORGANIZED GEOGRAPHICALLY

24-25 PROPOSALS ANCHORED BY ACADEMIC INSTITUTIONS

25 PROPOSALS THAT BENEFIT WOMEN AND GIRLS

26 PROPOSALS FOR R&D AND KNOWLEDGE BUILDING



## FROM THE EDITORS

# Partnering with CHIP to showcase philanthropy's most compelling ideas

Some social problems cannot be solved by grants of the size that foundations usually provide. By funding at a level far above what is typical in philanthropy, we can address problems and support solutions that are radically different in scale, scope, and complexity. That was the idea behind our *100&Change* initiative—to fund a single proposal with a \$100 million grant that promises real and measurable progress in solving a critical problem in a meaningful and lasting way.

MacArthur received 1,904 submissions to our *100&Change* initiative, narrowed them to a list of Top 200, and chose eight semifinalists that we have highlighted in various ways on our website. For those interested in our original eight, they are briefly described below. To learn more about these semifinalists and the MacArthur selection process, go to [https://www.macfound.org/media/files/100Change\\_Info\\_Sheet.pdf](https://www.macfound.org/media/files/100Change_Info_Sheet.pdf)

We also recognized early on that *100&Change* had amassed an extensive database of compelling ideas for solving the pressing problems of our time. We committed to stewardship of this database as a public resource and sought partners who would help us extract from it information that might be useful for others.

We also wanted to spotlight some of the worthy ideas that were not selected as *100&Change*

semifinalists. Our hope was that other donors might support these projects and the organizations behind them. We were inspired by the Center for High Impact Philanthropy (CHIP)'s annual High Impact Giving Guide and quickly realized that CHIP's unique expertise in analyzing for social impact made it the ideal partner for this work. We asked CHIP to analyze our highest scoring proposals and develop guidance for the broader philanthropic community.

CHIP exceeded our expectations. Our team at MacArthur is impressed by the rigor and thoughtfulness CHIP brought, as well as the team's skill in making its findings understandable, useful, and actionable for other funders.

We hope you use this guide as inspiration to fund nonprofits committed to making real and measurable progress in solving critical problems of our time.

**Dr. Cecilia Conrad**  
Managing Director, MacArthur Fellows & *100&Change*  
John D. and Catherine T. MacArthur Foundation



**MacARTHUR SEMIFINALISTS**

**Catholic Relief Services \***

*Changing how society cares for children in orphanages*

**HarvestPlus \***

*Eliminating hidden hunger in Africa by fortifying staple crops*

**Himalayan Cataract Project**

*Eliminating needless blindness in Nepal, Ethiopia, and Ghana*

**Human Diagnosis Project**

*Providing virtual access to medical specialists for underserved U.S. patients*

**Internet Archive**

*Providing libraries and learners free digital access to four million books*

**Rice 360° Institute for Global Health \***

*Improving newborn survival in Africa*

**Sesame Workshop and the International Rescue Committee \***

*Educating children displaced by conflict and persecution*

**The Carter Center**

*Eliminating river blindness in Nigeria*

\* Finalist

More information on these projects can be found at:

[https://www.macfound.org/media/files/100Change\\_Info\\_Sheet.pdf](https://www.macfound.org/media/files/100Change_Info_Sheet.pdf)





## FROM THE EDITORS

# What do you do with 1,900 ideas?

**T**hat was the question Cecilia and I pondered over breakfast last fall. We were discussing the recently launched *100&Change* competition that she oversees and for which I was a judge. At that time, most of the attention was focused on *100&Change* as a competition to select a single recipient of a \$100 million grant. But that morning, we posed another question: How could such a rich collection of philanthropic solutions be useful beyond selecting a single \$100 million prize winner?

This guide is our answer.

In it, you'll find the best ideas from the 1,904 proposed solutions submitted to *100&Change*. MacArthur assembled a list of its Top 200 and from there chose eight semifinalists. But rather than leave the remaining 192 on the cutting room floor, MacArthur turned to CHIP.

As the only university-based center with a singular focus on how philanthropy can achieve greater social impact, our team regularly analyzes opportunities in a wide range of causes. For this work, we initially analyzed each of the 192 applications to understand the social impact goal - i.e., what is the meaningful, positive change the applicant seeks to create? We considered:

- the problem the organization was trying to solve,
- who would be impacted by the solution, and
- how their lives would improve.

Eighty-one applications stood out for the clarity of their social impact goal and the logic of their proposed solution. From this list, a panel of CHIP senior staff, analysts, fellows, and experienced funders—with expertise ranging from community development to public health, education to impact investing—identified 11 projects that it felt had the greatest potential for impact. These 11 are our 'Best Bets' suggestions for you. From pages 6 to 16 you'll find our analysis of the organizations' proposals based on the material provided in their MacArthur applications.

The remaining portion of this guide is dedicated to helping you as a donor make sense of the larger set of 81 opportunities we identified. Recognizing that sifting through 81 proposals is a time-consuming undertaking, we've showcased them in the following ways:

- A list of all 81 proposals by cause area (pages 17 through 21)
- All 81 proposals organized geographically and color-coded by cause area (pages 22 to 23)
- Proposals anchored by colleges and universities for those donors interested in supporting their alma maters or local academic institutions (pages 24 to 25)
- Proposals that specifically benefit women and girls for those interested in influencing outcomes for families, communities, and global economies (page 25)
- A list of 28 proposals not part of our list of 81. We excluded these from our original analysis because assessing their strength requires highly specialized expertise. Nevertheless, for those donors willing to do the extra due diligence, these projects could have enormous potential for social impact (pages 26 to 27).

We hope this guide prompts you to think big about the ways you can contribute to a better and more just world. While every donor may not have \$100 million to invest in social change, many of the opportunities highlighted here are ripe for smaller investments by individuals, or consortia of funders who can pool resources to address some of today's most critical issues.

**Katherina M. Rosqueta**  
Founding Executive Director  
Center for High Impact Philanthropy



## BEST BETS: ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND

### The Cure

*Combat emerging disease threats by creating a seamless “detection to production” system*



#### THE PLAYER

Infectious diseases are among the leading causes of death across the globe, and constantly emerge and re-emerge in drug-resistant forms. Currently, there is no single system that can handle all phases of a response, from early detection to the development of a vaccine. Tulane University—with its School of Medicine, School of Public Health and Tropical Medicine, School of Science and Engineering, Primate Research Center, Regional Biosafety Laboratory, and affiliated clinical trials unit—has shown promise in quickly responding to emerging infectious threats.

Indeed, in 2013, Tulane scientists were among the few globally to swiftly respond to the Ebola outbreak in southern Guinea, Sierra Leone, and Liberia by developing a diagnostic test to screen for the disease. Researchers at Tulane have also played a significant role in developing vaccines for tuberculosis, polio, diarrheal diseases, Zika, and HIV/AIDS. Tulane has a strong history of infectious disease research, and its scientists are at the forefront: developing computer models of disease outbreaks, understanding the biological mechanisms of infectious microorganisms, and developing diagnostics, therapeutics, and vaccines against these diseases.

#### THE PROPOSAL

Tulane seeks to establish a “detection to production” system that will quickly identify emergent

Tulane scientists are at the forefront of infectious disease research. Now, they seek to streamline the process of diagnosing new diseases and developing vaccines to prevent them.

infectious diseases and implement diagnostic, therapeutic, and vaccine processes at an early stage to prevent epidemics. Tulane proposes that its response capabilities will include DNA sequencing to detect and track new and re-emerging infectious organisms, state of the art laboratories to test novel vaccines and therapeutics, and small-scale manufacturing of clinical trial vaccines. Its proposal includes the construction of an FDA-compliant facility to manufacture these new vaccines, and expansion of its clinical trials unit.

Tulane is betting this approach will protect populations from new epidemics and will serve future generations if diseases re-emerge. This proposed system could also serve as a model for rapid response to emerging infectious diseases anywhere in the world.

#### THE POTENTIAL

Few institutions are equipped to handle an outbreak, especially in the case of a new strain of disease. While the Centers for Disease Control and Prevention (CDC) does respond to epidemics, advances are incremental due to the lack of coordination among academic researchers, commercial entities, medical teams, and government facilities.

Tulane’s proposal is to build a new system, so there is risk inherent in the project. However, its team of scientists from across the university’s multiple schools, and Tulane’s past involvement in infectious disease prevention represent unique competencies that the team brings. In addition, Tulane suggests that the processes it develops will be shared and could eventually be replicated at other institutions.

Infectious diseases are a major cause of suffering and death across the globe, and disproportionately affect poorer populations. If Tulane is successful in streamlining the process of diagnosing and developing treatment and vaccines for infectious disease and minimizing the response time to an outbreak, loss of life could be dramatically reduced.

View Tulane University’s *100&Change* application at [https://www.100andchange.org/PDF\\_Public/1056.pdf](https://www.100andchange.org/PDF_Public/1056.pdf).



## Waste Not, Want Not

*Help women farmers earn a living, fight malnutrition, and reduce waste with solar-powered technology*

### THE PLAYERS

Malnutrition is a global health challenge, and South Asia, a region accounting for one-quarter of the world's population, is heavily affected. For most South Asians, agriculture is the main source of both nutrition and income. Malnutrition is further perpetuated in this region by root causes such as lack of access to nutritious food, widespread entrenched poverty, crop waste due to lack of proper storage facilities, and gender inequality (economic and social). Project SAFAL strives to overcome these challenges by providing female farmers with solar conduction dryers (SCDs) to preserve fruits and vegetables for consumption later.

Project SAFAL's method does not rely on long-term subsidies and is independent of electricity and high operating cost solutions such as cold storage. SCDs are UN award-winning, women-centric technology that allows produce to be stored for up to one year without refrigeration.

### THE PROPOSAL

A pilot with the Gates Foundation focused on refining and evaluating this approach, allowing the

team to now scale up its work responsibly and sustainably. Project SAFAL seeks to grow its existing pilot program of 1,000 female farmers to 2 million participants, hoping to generate a nutritious food supply to some 5 million people. Through Village Development Committees (VDCs) led by trained local female farmers from the community, other women can receive the instruction necessary to invest in and properly use their own solar dryers. At first, the project plans to subsidize community dryers with a VDC-specific fund. Then, as the project scales up, the financial margin gained from the additional sale of dryers at a subsidized rate will be returned to the lead female farmer for her community leadership work.

### THE POTENTIAL

The seasonal nature of crops and a lack of proper storage and processing make it difficult for South Asian farmers to consume nutritious food year round. To overcome this malnutrition challenge, most policy interventions are focused around nutrition supplements to children, adolescent girls, and women. This strategy is limited because it lacks long-term sustainability and requires a change in dietary habits that locals are sometimes reluctant to accept. There is a clear need for technological intervention that allows existing agri-products to be preserved so that they can be used in a daily diet throughout the year.

Dehydration allows for the crops to be consumed over longer periods of time without the storage specifications that fresh produce usually requires. As an added benefit, extra produce beyond that needed for feeding one's own family can be sold for increased income. By performing regular evaluations in six-month intervals, Project SAFAL has found that the dietary diversity score, a World Health Organization key indicator of nutrition, has increased by 37% in the families being served by the project. In addition, evaluators have noted increased income, reduced agricultural loss, and improved social status of the women involved in the pilot program.

View BAIF's *100€Change* application at [https://www.100andchange.org/PDF\\_Public/1954.pdf](https://www.100andchange.org/PDF_Public/1954.pdf).

A female farmer with her solar conduction dryer that preserves fruits and vegetables, allowing the food to be used in a daily diet year round.







## BEST BETS: CLIMATE POLICY INITIATIVE

# Eco-Friendly Investment

*Address climate change and sustainable development by mobilizing private investment*

### THE PLAYER

Climate Policy Initiative's (CPI) Global Innovation Lab for Climate Finance identifies, develops, and pilots novel financing instruments that encourage private investors to support climate-friendly projects. Presently, many promising projects are stymied by a lack of upfront capital. New business models, or risk-mitigating products like insurance policies and pooled funds, could make these projects more attractive to private investors, ultimately mobilizing far more money for sustainability.

The Lab process begins with a "Call for Ideas" for financing solutions that can unlock private investment for climate change mitigation and adaptation. The Lab follows these instruments through their implementation phases, with the ultimate goal of creating sustainable business models. In its first year, the Lab received about 100 ideas, and eventually developed and endorsed four. Energy Savings Insurance (ESI), for example, makes it easier for businesses to borrow money to upgrade to energy efficient machinery, with each \$100 million spent on insurance expected to generate between \$3 billion and \$9 billion in energy efficiency improvements. ESI is now moving forward in seven countries in Latin America, reaching thou-

By some estimates, more than \$13.5 trillion in financial investments is needed to lower global carbon emissions. Climate Policy Initiative's Lab uses philanthropic capital to stimulate private investment and government support to affect global environmental change.

sands of businesses. Overall, in its first 18 months, the Lab mobilized more than \$600 million to address climate change via pilot projects like ESI in developing countries.

### THE PROPOSAL

Adequate financing is a critical element for businesses and governments in their attempt to address climate change. Developing countries, in particular, often face challenges attracting private investment at the scale needed to reach their sustainable development and energy goals. CPI is looking to scale up its Lab to 13 countries and boost the number of climate-friendly projects that are brought to fruition. Based on the Lab's initial success, CPI hopes to pilot more than 120 finance instruments over the next six years, estimating that it can mobilize up to \$50 billion in private and public funding towards projects that reduce climate risk.

### THE POTENTIAL

The Earth's carbon dioxide levels are at their highest in 650,000 years. This spike in CO<sub>2</sub> threatens the stability of global climates, which in turn threatens ecosystems and hard-won health and economic gains around the world. In response, more than 180 countries have signed the Paris Agreement to limit the global rise in temperature this century to below 2 degrees Celsius. By some estimates, translating this political commitment into action will require more than \$13.5 trillion in financial investments and new economic development approaches that lower carbon emissions.

The 2015 G7 leaders endorsed the Lab as a promising initiative for accelerating access to renewable energy, mobilizing financial resources, and improving the lives of people around the world. By collaborating with governments and leading financial institutions, CPI's Lab provides an example of how philanthropic capital can engage private investment and government support to affect global environmental change.

View Climate Policy Initiative's *100&Change* application at [https://www.100andchange.org/PDF\\_Public/2234.pdf](https://www.100andchange.org/PDF_Public/2234.pdf).





BEST BETS: MONASH UNIVERSITY

## Stinging Science

*Reduce mosquito-transmitted diseases with naturally-occurring bacteria*



### THE PLAYER

For the past decade, the Eliminate Dengue program, run by scientists at Monash University in Australia, has been dedicated to developing a biological control method for the spread of mosquito-borne diseases. The program has conceived a cost-effective, sustainable solution to diseases carried by the *Aedes aegypti* mosquito, using the naturally occurring *Wolbachia* bacterium. *Wolbachia* renders mosquitoes unable to transmit a range of human diseases. And, when small numbers of mosquitos carrying *Wolbachia* are introduced into wild mosquito populations, they breed with local mosquitoes and pass the bacterium on to subsequent generations. Once it is established in a mosquito population, *Wolbachia* persists without requiring additional application. This method has been proven safe and environmentally neutral, with no adverse environmental or health impacts observed.

Thus far, the program has been initiated in four countries that are heavily affected by mosquito-borne illness: Brazil, Colombia, Indonesia, and Vietnam, with each deployment of *Wolba-*

Mosquito-transmitted illnesses like dengue, Zika, and chikungunya affect people in tropical and subtropical climates, where one-half of the world's population lives. Following years of successful laboratory and field-based research, the *Wolbachia* method of eliminating mosquito-transmitted diseases has been recommended by the World Health Organization for multiple pilot deployments.

*chia* covering an average population of 250,000. In every location where *Wolbachia* mosquitoes have been released, there is no evidence of local dengue transmission—even when transmission has occurred in surrounding areas without *Wolbachia* mosquitoes.

### THE PROPOSAL

Monash University seeks funding to expand its *Wolbachia* solution to 16 additional countries with the highest burden of mosquito-borne illnesses, including India, Mexico and the Philippines. To provide sustainable, long-term protection for the affected populations, the Eliminate Dengue program trains and partners with local teams on the release of the *Wolbachia* mosquitoes, providing personnel, technology, knowhow, and support. The goal is to reduce mosquito-transmitted diseases by 90% within two decades.

### THE POTENTIAL

Mosquito-transmitted illnesses like dengue, Zika, and chikungunya affect people in tropical and subtropical climates, where one-half of the world's population lives. Mosquito-borne disease also disproportionately affects the world's poorest citizens. The Centers for Disease Control reports that as many as 400 million people are infected with dengue every year, and the annual global cost of the disease is estimated at \$8.9 billion. No vaccines or medications exist for these mosquito-transmitted diseases, so attempts to control them have included pesticides and elimination of sites that encourage mosquito breeding. But these interventions have proved both expensive and ineffective in the areas where dengue is most prevalent.

Given Monash University's success with the Eliminate Dengue program, the World Health Organization has endorsed *Wolbachia* release against *Aedis aegypti*-transmitted diseases. This promising solution may just provide long-term protection against mosquito-borne disease—with the potential to be both cost-effective and self-sustaining.

View Monash University's *100&Change* application at [https://www.100andchange.org/PDF\\_Public/86.pdf](https://www.100andchange.org/PDF_Public/86.pdf).





## BEST BETS: PARTNERS IN HEALTH

# Modern Medicine

*Equip community health workers with modern digital tools for better data collection*



### THE PLAYER

For 30 years, Partners in Health (PIH) has made high-quality healthcare more accessible to the rural poor by implementing Community Health Worker (CHW) programs on six continents. Some 13,000 CHWs live in the communities where they work to treat patients, train local citizens to address healthcare concerns, and build relationships to improve long-term health outcomes. This is significant because the people in these communities are in rural areas making it difficult to access health services given the time required to travel to the nearest health facility, the cost of treatment, and the stigma associated with disease.

The CHWs take a holistic approach to addressing patient health, including securing access to food, housing, clean water and education, and supporting community members to advocate for their own health needs. PIH has also launched specialized programs to treat emerging and

One-year-old Shukulu Nibogore sits on her mother's lap while community health worker Athanasie Mukamana screens the child for signs of malnutrition, pneumonia, and fever in Rwinkwavu, Rwanda.

chronic diseases including Ebola, mental health conditions, maternal and child health concerns, cholera, cancer, HIV/AIDS, and tuberculosis.

### THE PROPOSAL

PIH seeks to equip its CHWs with new technology to improve their data collection procedures, and to better connect them to each other and the health system. Using smartphones and a customized mobile data collection program, PIH will pilot this technology at five of its existing sites in Lesotho, Liberia, Malawi, the Navajo Nation, and Sierra Leone. It will use the data collected to measure its own impact, further improve its interventions and delivery of care, map the spread of disease, and inform early warning systems for potential epidemics. After improving its own evaluation practices and refining the program, PIH plans to make the proven tools and techniques available through open-access sharing.

### THE POTENTIAL

PIH has demonstrated excellent clinical and programmatic outcomes across multiple countries. CHWs have proven to break down structural barriers to adherence to medications and healthcare such as distance from clinics, lack of health literacy, and food insecurity. The use of CHWs has been associated with improvement in quality of life for patients, vaccination rates, family planning, and safe infant deliveries. In Rwanda, for example, the support of a CHW helped patients improve physical and mental health at twice the rates of those who did not have access to a CHW. And, a study of PIH in Chiapas, Mexico found that patients in the communities with CHWs were more adherent to therapies, resulting in better health outcomes.

CHWs are members of the communities they serve. As such, they understand the unique health obstacles their neighbors face which helps increase the project's sustainability—as does the fact that PIH's partnership with government agencies in its host countries amplifies its work by informing public policy.

View Partners in Health's *100&Change* application at [https://www.100andchange.org/PDF\\_Public/3055.pdf](https://www.100andchange.org/PDF_Public/3055.pdf).



## Invisible & Undocumented

*Prevent human exploitation by enabling birth and death registrations of poor populations*

### THE PLAYERS

Plan International, which advances children's rights is teaming up with three other groups (Accenture, Jembi Health Systems, and Vital Strategies) to create an adaptable and scalable system to track major life events such as births, deaths, and marriages in impoverished countries. Called Open-CRVS (Civil Registration and Vital Statistics), it is expected to facilitate registration and statistical reporting of a population that's presently invisible: An estimated 625 million children around the world do not have documentation proving their legal identity, and millions of births this year will not be recorded.

Since 1998, Plan International has been engaged in promoting birth registration, and is a core member of the Africa Programme for Accelerated Improvement of Civil Registration and Vital Statistics (APAI-CRVS), which is strengthening registration efforts across Africa. Plan has successfully collaborated with the other three partner organizations in the past to strengthen registration and reporting systems: A joint effort with Accenture, a leader in digital technology, led to the design of a mobile application that allows registration at the community level. Plan and Jembi, an Africa-based specialist in health information systems, produced the online CRVS Digitisation Guidebook for countries to plan and implement digitized and automated registration processes. To integrate health data and reporting, Plan teamed with Vital Strategies, an organization that has improved methods for death notification and reporting at the community level.

### THE PROPOSAL

Plan's open-source platform system will integrate both identification and health data. It would be designed for use in resource-poor locations and accelerate improvements in registration and reporting. Yet, the solution is broader than merely delivering software: Its holistic plan includes support for governments as they launch the system and grassroots community campaigns to drive demand for registration. Implementation would begin in Ghana and Zambia, which currently have birth registration rates of 63% and 14%, respec-

tively. Open-CRVS is expected to result in complete birth and death registration of the more than 42 million residents in these two countries, and prove that universal registration is achievable.

### THE POTENTIAL

Lack of documentation prevents people from obtaining services and exercising rights. A child without a birth certificate may be denied access to school, forced into child labor or marriage, or fall prey to human trafficking. In addition, absence of population data makes it difficult for governments to formulate policies, deliver services, and prevent disease outbreaks. For example, officials must know when and where children are born in order to implement effective vaccination programs. A recently published test of a conceptual model showed that improved CRVS reporting coincided with improved health outcomes worldwide.

More than 100 countries lack the resources to establish an integrated and robust CRVS system. Plan International's solution offers low-resource countries the ability to collect, store, and analyze critical data. Open-CRVS has the potential to improve the lives of tens of millions of the world's most vulnerable people and empower countries to engage in effective policy-making.

View Plan International's *100&Change* application at [https://www.100andchange.org/PDF\\_Public/5142.pdf](https://www.100andchange.org/PDF_Public/5142.pdf).

At the age of 13, Oumou, pictured below, was asked to leave school when authorities required her to provide her birth certificate before sitting for an exam. With a free birth certificate provided by Plan International, Oumou was able to continue her education.







**BOLD IDEAS**

## BEST BETS: PRISON FELLOWSHIP MINISTRIES

### Prison Break

*Help incarcerated individuals get access to educational and behavioral programs that reduce recidivism*

#### THE PLAYER

This organization trains and mobilizes thousands of volunteers, and partners with departments of corrections to deliver a faith-based curriculum that helps prisoners prepare to re-enter society. Prison Fellowship (PF) operates 54 intensive re-entry programs for recently released inmates in 19 states. In Texas and Minnesota, it offers InnerChange Freedom Initiative (IFI), a course that begins in the correctional facility and continues to provide support post-release.

Some 650,000 inmates are annually released from prison in the U.S., but two-thirds of them will be arrested again within three years. The high recidivism rate indicates that the current corrections system does not prevent future crimes, nor does it change the underlying patterns and behaviors that lead to criminal activities. However, studies show that graduates of PF's IFI course have lower recidivism rates: According to a 2007 study commissioned by the Texas Department of Criminal Justice, the recidivism rate for those who participated in PF's program was 16%—a full 10 percentage points lower than a comparison group. This translated into 40% fewer prisoners who were re-incarcerated after taking the IFI course.

Prison Fellowship Ministries has served incarcerated populations for 40 years. It works to transform prison culture as a whole, partnering with departments of corrections to help them best prepare incarcerated individuals for their release.

#### THE PROPOSAL

PF seeks to develop a new 12-month curriculum called Prison Fellowship Academies that it says will result in a “sea change in corrections.” Based on lessons learned from the intensive re-entry programs and the IFI courses, the curriculum will address the values and thinking that influence criminal behaviors. According to PF, the key to transforming those in prison is long-term, intensive programs dealing with criminogenic factors, and living in a community where new attitudes and behaviors can be learned and practiced. Over a six-year period, PF plans to open 172 academies (including at least two in each state), at both men's and women's facilities. Each Academy will have two full-time staff members and 24 trained volunteers and serve 80 or more prisoners.

Like many direct-service providers, Prison Fellowship recognizes that its work would benefit from a deeper, ongoing evaluation of program results and has built rigorous evaluation into its proposal, including an academic partner to measure the outcomes and impact of the Academies.

#### THE POTENTIAL

Some \$80 billion is spent annually on corrections in the U.S. Yet, prisons remain overcrowded and violent, and do not adequately prepare prisoners for re-entry into society. PF's longstanding commitment to the rehabilitation of prisoners and the proven success of its curriculum can be scaled for greater impact. Studies indicate that PF's programs offer a significant financial savings to taxpayers due to reduced spending on re-arrest and re-incarceration. The programs also add value to local economies when formerly incarcerated individuals enter the workforce and maintain employment.

PF's expectation is that not more than 10% of Academy graduates will be re-incarcerated, with a goal of reducing that to 1%. While this is a bold goal, if the program is successful, it could change the trajectories of thousands of lives, including participants, their families, and those in the communities in which they live and work.

View Prison Fellowship's *100&Change* application at [https://www.100andchange.org/PDF\\_public/6072.pdf](https://www.100andchange.org/PDF_public/6072.pdf).





## BEST BETS: PROJECT HOME

# No Place Like Home

*End chronic homelessness by expanding housing and providing holistic services*

### THE PLAYERS

Eliminating homelessness in the U.S. requires far more than just providing emergency shelter. Project HOME has a proven, holistic approach that has reduced chronic street homelessness in Philadelphia. Despite having the highest poverty rate among large U.S. cities, Philadelphia has one of the lowest rates of people living on the street.

Project HOME has worked with public and private stakeholders to develop a coordinated housing and service pipeline to ensure that once chronically homeless individuals are housed, they will not return to the streets. Housing is provided through rental assistance and housing development programs, and coordination of case-management services and opportunities for economic mobility help previously homeless individuals achieve self-sufficiency.

Project HOME's success also results in societal benefit: reduction of homelessness decreases healthcare and incarceration costs, and property values near Project HOME's supportive housing have increased, raising property tax revenues for the city.

### THE PROPOSAL

Project HOME wants to scale up by increasing the number of rental units in Philadelphia and to help the Housing Development Consortium (HDC) replicate the model in Seattle. Approximately 1,400 Philadelphians and 3,000 individuals from Seattle are considered long-term unsheltered and chronically homeless. The partnership seeks capital to build 2,547 rental units over the next six years, 799 in Philadelphia and 1,748 in Seattle.

But the partnership will do more than just provide housing. Both sites will engage a number of public and private institutions such as Housing Authorities, city and state governments, nonprofit housing and service providers, and hospitals. Through these partnerships, housing assistance will be paired with healthcare, recovery, education, and employment support services.

The majority of individuals experiencing long-term homelessness suffer from pre-existing mental illness or addiction, and one of the fastest-growing groups vulnerable to homelessness is young adults—particularly those who have recently been



Approximately 1,400 Philadelphians and 3,000 individuals from Seattle are considered long-term unsheltered and chronically homeless. Project HOME engages public and private institutions to help homeless individuals achieve self-sufficiency.

released from foster care, the juvenile justice system, or residential treatment centers. To stem new cases of chronic homelessness, preventive measures will include “critical time interventions” at prisons, hospitals, and detox centers—locations most likely to discharge people into unstable or impermanent housing.

### THE POTENTIAL

Poverty and the lack of affordable housing contribute to homelessness. An effective solution requires systemic change and a comprehensive approach to permanent housing, healthcare, education, and employment. Project HOME has been successful forming community and political partnerships that can offer long-term sustainability to the interventions initiated by the organization.

Implementing the strategies in this proposal, Project HOME and HDC predict that they will achieve “functional zero” for long-term unsheltered and chronic homelessness in the cities they serve, and will make street homelessness “rare, brief, and non-recurring.” By applying the practices already established by Project HOME and reproducing its successful model, Philadelphia, Seattle, and other urban areas will be able to end and prevent chronic street homelessness.

View Project HOME's *100&Change* application at [https://www.100andchange.org/PDF\\_Public/1227.pdf](https://www.100andchange.org/PDF_Public/1227.pdf).





## BEST BETS: READING AND BEYOND

# Two-generation Intervention

*Break the cycle of poverty by connecting parents—and their children—to services*



### THE PLAYER

Despite large government expenditures to curb effects of income inequality, concentrated poverty remains a multi-generational issue. Children born into impoverished conditions are unlikely to improve their situation throughout their lives. Reading and Beyond has developed and implemented “Bridge Academy,” a program that connects two generations of a low income family with education, training, and employment services to increase skill sets and earning potential, with the end goal of self-reliance. With academies located in neighborhoods of concentrated poverty, this approach combines workforce development programming for parents, case-based family services, and K through 12 academic support for children. Rather than create new programs, Bridge Academy aligns and leverages uncoordinated, underutilized services in the impoverished communities it serves.

Reading and Beyond began with literacy interventions for children and families, and in

Current public funding serves as a stopgap against poverty, but has not succeeded in breaking the ongoing cycle. Reading and Beyond simultaneously focuses on supporting low income parents and their kids to achieve economic self-reliance.

2010, launched the Fresno Bridge Academy, a program to improve economic opportunity for public assistance-eligible parents. From 2010 to 2015, Bridge Academy served nearly 1,200 families. A 2015 \$12 million grant from the USDA increased enrollment to 1,900 additional families in 2016. Now in 12 sites and four counties (Fresno, Madera, Napa, and San Joaquin), the program has demonstrated strong results: more than 80% of program graduates gain employment or materially increase wages, and more than 30% achieve full self-reliance.

### THE PROPOSAL

Reading and Beyond wants to scale Bridge Academy to serve 60,000 families in 20 to 30 counties in California. It will also work to enact policy changes that would allow widespread implementation of its model. For each dollar spent by Bridge Academy in resolving these issues, there is an uncapped USDA Employment and Training 50/50 match source that can further increase the program’s reach and impact. Each site is expected to facilitate wraparound services, such as mental health, housing and transportation assistance, in addition to life skill workshops on parenting skills and managing household budgets.

### THE POTENTIAL

Current public funding serves as a stopgap for poverty’s concrete manifestations, but has not succeeded in breaking the ongoing cycle. Reading and Beyond has proven that it can scale services: participation increased fivefold since 2015 at Fresno Bridge Academy, with no decline in program effectiveness.

Reading and Beyond has launched a tracking system to measure program interventions and outcomes, as well as a return on investment model that demonstrates the program’s benefits to recipient families and taxpayers. According to these metrics, each taxpayer dollar invested returns \$16.78 to the beneficiary families and \$5.50 to taxpayers.

View Reading & Beyond’s *100&Change* application at [https://www.100andchange.org/PDF\\_Public/1984.pdf](https://www.100andchange.org/PDF_Public/1984.pdf).





## BEST BETS: SEVA FOUNDATION

# A Visionary Plan

*Bring eye care to one billion of the planet's poorest inhabitants*

### THE PLAYERS

A consortium of four organizations shares a goal of bringing sustainable eye care to one billion of the world's poorest residents. Dubbed “Eye Care for One Billion: Leveraging Technology for Universal Eye Health,” the consortium will establish community-based Vision Centers (VCs)—permanent facilities equipped with diagnostic equipment and staffed by locally-recruited, well-trained eye technicians. These technicians will provide comprehensive, continuous eye care through three core services: refracting and dispensing of eyeglasses; diagnosing common eye conditions; and referring cases to a hospital if further intervention is needed.

Seva Foundation and Seva Canada partner with local organizations around the world to restore sight and prevent blindness. Aravind Eye Care System and LV Prasad Eye Institute (LVPEI) currently represent the world's largest providers of vision care in developing countries. Together, these organizations have worked to correct visual impairment that affects 285 million people worldwide.

About 80% of these impairments can be resolved with relatively simple, cost-effective interventions, but geographic and financial obstacles in low- and middle- income nations prevent people from re-

About 80% of visual impairments can be resolved with relatively simple, cost-effective interventions. But geographic and financial obstacles in low- and middle- income nations prevent people from receiving treatment.

ceiving treatment. The consortium, though, has a model in place that has been independently validated and can be replicated to address these needs.

### THE PROPOSAL

The consortium seeks funds to establish more than 2,000 new VCs that will eventually serve one billion people worldwide. Local community health workers establish trust and raise awareness of available services in their local areas. Each VC will use the latest smart technology, such as telemedicine, online- and offline-capable medical records, and low-cost diagnostic equipment, to provide cost-effective services. This effort to scale the VC model also includes establishing a network of hospitals for referrals, training centers for eye care technicians, and regional monitoring centers for ongoing evaluation.

### THE POTENTIAL

Worldwide, only 10% of those who need eye care will access it. The VC model is a tested solution, and this rapid replication has been independently evaluated as having potential for success. Seva, LVPEI, and Aravind have founded more than 300 VCs in India, Bangladesh, Nepal, Guatemala, Burundi, and Malawi. Each VC covers a base population of 50,000 to 100,000. The VCs provide as much as 80% of a population's needed eye care services, resulting in a 50% reduction in direct and indirect costs for patient care. Aravind's permanent rural eye care facilities in India reach over 25% of the general population, a 100-fold increase over temporary “camps,” which bring medical teams to a village or community for a single day of service.

Sustainability is a core component of this proposal. Initial philanthropic investment will be used for establishing human resource training and regional monitoring centers; developing technology infrastructure for data collection, monitoring and analysis; and streamlining the supply chain for VCs. The ongoing financial sustainability of VC networks can be achieved through social financing strategies such as public-private partnerships and charging fees on a sliding-scale.

View Seva Foundation's *100&Change* application at [https://www.100andchange.org/PDF\\_Public/5389.pdf](https://www.100andchange.org/PDF_Public/5389.pdf).





**BEST BETS:** THE POLIS CENTER, INDIANA UNIVERSITY-PURDUE UNIVERSITY,  
INDIANAPOLIS-LIFE 2030

## Land of the Lost

*Eradicate explosive remnants of war and reclaim land*

### THE PLAYERS

LIFE 2030, led by The Polis Center at IUPUI, brings together seven diverse organizations to eradicate landmines and other explosive remnants of war (ERWs), potentially avoiding tens of thousands of deaths and injuries per year. Its goal is to declare Earth landmine-free and reduce exposure to ERWs by 2030.

To accomplish this, the following organizations will work together and draw on their specific expertise: Halo Trust and Mines Advisory Group (MAG) are two humanitarian groups that have been working for decades on mine clearance and community restoration; Kyle House Group is an advocacy communications firm; TELOPS is a manufacturer of optical systems; Mapping-Solutions provides landmine mapping instruments; and the Center for Aerial Systems leads R&D in non-military applications of unmanned aerial technologies. This peer partnership is a nod to the realization that landmine extinction can only be accomplished with a holistic and multidisciplinary approach that includes both technological and human-centered advances.

### THE PROPOSAL

To achieve its goal for a mine-free planet by 2030, LIFE 2030 proposes a multi-pronged approach: (1) research and development of new technology to improve detection and clearing capabilities; (2) clearance and risk reduction to bolster efficiency and enhance the safety of those working in the field; (3) advocacy campaigns raising awareness and support at the local, national, and international levels; and (4) capacity building support for affected communities.

Combined, Halo Trust and MAG have cleared more than 6.5 million landmines, and are considered the leading NGOs in the field. The LIFE 2030 program will begin in countries where the organizations have long-standing relationships. These efforts will then be used as successful model cases to spread the work to other countries.

### THE POTENTIAL

By some estimates mines and ERWs are found in as many as 80 countries and are located in places



While technological advances in warfare have led to a host of new weapons, the methods for eradicating them from the landscape have remained basically unchanged. Mines and other remnants of war are found in some 80 countries, and persist long after wars and conflict are over. Seven organizations are working together to rid the Earth of landmines by 2030.

where people conduct their daily activities. These weapons persist for decades, long after wars and conflict are over. In addition to causing death and injury, mines and ERWs also prevent the development of land, impede travel, and block access to basic needs. Recognizing their threat in 1997, 162 countries signed the Ottawa Treaty to address this humanitarian problem. However, current technologies and methods to detect and clear mines are insufficient in difficult physical terrain and pose significant risk to workers.

Despite efforts made under the Ottawa Treaty, the number of reported casualties from mines and ERWs has actually increased in recent years. While technological advances in warfare have led to a host of new, highly-destructive weapons, the methods for eradicating them from the landscape have remained basically unchanged. Eliminating landmines and ERWs would prevent countless deaths and injuries each year, allow free travel for affected people, and recapture huge swaths of land for productive use. Halo Trust and MAG have demonstrated their leadership in this field. Equipping them with partners that can provide better tools and more resources could exponentially accelerate their progress.

View The Polis Center's *100&Change* application at [https://www.100andchange.org/PDF\\_Public/4662.pdf](https://www.100andchange.org/PDF_Public/4662.pdf).



**BOLD IDEAS**

## TOP 81 PROPOSALS BY CAUSE AREA

Eighty-one applications stood out as having the clearest articulation of their social impact goal and identification of the people who would benefit from the project's success. These projects are listed below.

### EDUCATION

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
Beneficent Technology, Inc.	Provide accessible books to disabled people	<a href="http://www.100andchange.org/PDF_Public/5310.pdf">www.100andchange.org/PDF_Public/5310.pdf</a>	<a href="http://www.benetech.org">www.benetech.org</a>	India, Kenya, United States
Goodwill Industries International	Provide educational opportunities for adult learners	<a href="http://www.100andchange.org/PDF_Public/1224.pdf">www.100andchange.org/PDF_Public/1224.pdf</a>	<a href="http://www.goodwill.org">www.goodwill.org</a>	United States
Khan Academy	Increase global education and job access with internationally-recognized diplomas	<a href="http://www.100andchange.org/PDF_Public/6814.pdf">www.100andchange.org/PDF_Public/6814.pdf</a>	<a href="http://www.khanacademy.org">www.khanacademy.org</a>	Global
Southern New Hampshire University	Provide higher education opportunities for refugees	<a href="http://www.100andchange.org/PDF_Public/1628.pdf">www.100andchange.org/PDF_Public/1628.pdf</a>	<a href="http://www.snhu.edu">www.snhu.edu</a>	Global

### ENVIRONMENT

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
Arizona State University	Promote conservation in corporate supply chains	<a href="http://www.100andchange.org/PDF_Public/4354.pdf">www.100andchange.org/PDF_Public/4354.pdf</a>	<a href="http://www.asu.edu">www.asu.edu</a>	United States, Global
California Polytechnic State University	Promote effective marine reserve management in the Western Indian Ocean	<a href="http://www.100andchange.org/PDF_Public/4266.pdf">www.100andchange.org/PDF_Public/4266.pdf</a>	<a href="http://www.calpoly.edu">www.calpoly.edu</a>	Indian Ocean, United States
Climate Policy Initiative	Mitigate climate change by developing environmentally-friendly investments	<a href="http://www.100andchange.org/PDF_Public/2234.pdf">www.100andchange.org/PDF_Public/2234.pdf</a>	<a href="http://www.climatepolicyinitiative.org">www.climatepolicyinitiative.org</a>	Indonesia, Mexico, Morocco
Global Alliance for Clean Cookstoves	Reduce indoor pollution with clean cookstoves	<a href="http://www.100andchange.org/PDF_Public/6278.pdf">www.100andchange.org/PDF_Public/6278.pdf</a>	<a href="http://www.unfoundation.org/what-we-do/campaigns-and-initiatives/cookstoves/">www.unfoundation.org/what-we-do/campaigns-and-initiatives/cookstoves/</a>	Kenya, Uganda
Greening Australia Limited	Protect the Great Barrier Reef by reducing sediment runoff	<a href="http://www.100andchange.org/PDF_Public/2807.pdf">www.100andchange.org/PDF_Public/2807.pdf</a>	<a href="http://www.greeningaustralia.org.au">www.greeningaustralia.org.au</a>	Australia, Pacific Ocean
Peace Parks Foundation	Conserve wildlife and foster socioeconomic development by managing critical ecosystems	<a href="http://www.100andchange.org/PDF_Public/933.pdf">www.100andchange.org/PDF_Public/933.pdf</a>	<a href="http://www.peaceparks.org">www.peaceparks.org</a>	Malawi, Mozambique, Zambia
Sustainability Leaders Network	Fight climate change with place-based strategies	<a href="http://www.100andchange.org/PDF_Public/177.pdf">www.100andchange.org/PDF_Public/177.pdf</a>	<a href="http://www.sustainabilityleadersnetwork.org">www.sustainabilityleadersnetwork.org</a>	Brazil, Indonesia, Netherlands
Water For People	Recover energy and nutrients from human waste	<a href="http://www.100andchange.org/PDF_Public/230.pdf">www.100andchange.org/PDF_Public/230.pdf</a>	<a href="http://www.waterforpeople.org">www.waterforpeople.org</a>	Uganda, U.S.: New York

### FOOD/AGRICULTURE

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
BAIF Development Research Foundation	Fight malnutrition with solar-powered produce dryers	<a href="http://www.100andchange.org/PDF_Public/1954.pdf">www.100andchange.org/PDF_Public/1954.pdf</a>	<a href="http://www.baif.org.in">www.baif.org.in</a>	India, Kenya, Nepal
Ecology Action of the Midpeninsula	Reduce hunger and malnutrition through better farming techniques	<a href="http://www.100andchange.org/PDF_Public/1078.pdf">www.100andchange.org/PDF_Public/1078.pdf</a>	<a href="http://www.growbiointensive.org">www.growbiointensive.org</a>	Global

## FOOD/AGRICULTURE

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
Oz Harvest Limited	Fight hunger, reduce emissions, and avoid waste by distributing surplus food	<a href="http://www.100andchange.org/PDF_Public/1344.pdf">www.100andchange.org/PDF_Public/1344.pdf</a>	<a href="http://www.ozharvest.org">www.ozharvest.org</a>	Global
Texas A&M AgriLife Research	Produce genetically engineered rice with low greenhouse gas emissions	<a href="http://www.100andchange.org/PDF_Public/4292.pdf">www.100andchange.org/PDF_Public/4292.pdf</a>	<a href="http://agriliferesearch.tamu.edu">agriliferesearch.tamu.edu</a>	Bangladesh, Vietnam
University of California, Davis	Prevent food waste and contamination with crop drying and storage	<a href="http://www.100andchange.org/PDF_Public/4330.pdf">www.100andchange.org/PDF_Public/4330.pdf</a>	<a href="http://www.ucdavis.edu">www.ucdavis.edu</a>	Guatemala, India, Kenya
World Agroforestry Centre	Restore land in sub-Saharan Africa	<a href="http://www.100andchange.org/PDF_Public/457.pdf">www.100andchange.org/PDF_Public/457.pdf</a>	<a href="http://www.worldagroforestry.org">www.worldagroforestry.org</a>	Dem. Republic of Congo, Ethiopia, Sierra Leone
World Wildlife Fund, Inc.	Fight food waste with market tools	<a href="http://www.100andchange.org/PDF_Public/1278.pdf">www.100andchange.org/PDF_Public/1278.pdf</a>	<a href="http://www.worldwildlife.org">www.worldwildlife.org</a>	United States

## HEALTH

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
Administrators of the Tulane Educational Fund	Combat emerging disease through surveillance and DNA sequencing	<a href="http://www.100andchange.org/PDF_Public/1056.pdf">www.100andchange.org/PDF_Public/1056.pdf</a>	<a href="http://www.tulane.edu/">www.tulane.edu/</a>	Caribbean Sea, United States
American College of Obstetricians and Gynecologists	Decrease maternal death from childbirth through medical and community training	<a href="http://www.100andchange.org/PDF_Public/4823.pdf">www.100andchange.org/PDF_Public/4823.pdf</a>	<a href="http://www.acog.org">www.acog.org</a>	Honduras, Niger, Tanzania
ayzh, Inc.	Provide women affordable, culturally relevant health and hygiene products	<a href="http://www.100andchange.org/PDF_Public/6681.pdf">www.100andchange.org/PDF_Public/6681.pdf</a>	<a href="http://www.ayzh.com">www.ayzh.com</a>	India, Kenya
Board of Regents of The University of Texas System	Improve mental illness screening and care in Texas	<a href="http://www.100andchange.org/PDF_Public/6058.pdf">www.100andchange.org/PDF_Public/6058.pdf</a>	<a href="http://www.utsystem.edu/offices/board-regents">www.utsystem.edu/offices/board-regents</a>	U.S.: Texas
Children's Medical Research Institute	Create a digitized library of cancer samples and treatment outcomes	<a href="http://www.100andchange.org/PDF_Public/3456.pdf">www.100andchange.org/PDF_Public/3456.pdf</a>	<a href="http://www.cmri.org.au">www.cmri.org.au</a>	Global
Duke University	Increase technological training for neurorehabilitation therapists	<a href="http://www.100andchange.org/PDF_Public/1863.pdf">www.100andchange.org/PDF_Public/1863.pdf</a>	<a href="http://www.duke.edu">www.duke.edu</a>	United States
Facing Addiction	Reduce addiction by recognizing it as a chronic disease	<a href="http://www.100andchange.org/PDF_Public/4822.pdf">www.100andchange.org/PDF_Public/4822.pdf</a>	<a href="http://www.facingaddiction.org">www.facingaddiction.org</a>	United States
Florida Institute of Technology	Improve autism treatment with a web-based screening and treatment hub	<a href="http://www.100andchange.org/PDF_Public/1833.pdf">www.100andchange.org/PDF_Public/1833.pdf</a>	<a href="http://www.fit.edu">www.fit.edu</a>	United States
Grand Challenges Canada	Provide universal mental health care with community solutions	<a href="http://www.100andchange.org/PDF_Public/5583.pdf">www.100andchange.org/PDF_Public/5583.pdf</a>	<a href="http://www.grandchallenges.ca">www.grandchallenges.ca</a>	Global
Helen Keller International, Inc.	Fight podoconiosis in Africa	<a href="http://www.100andchange.org/PDF_Public/865.pdf">www.100andchange.org/PDF_Public/865.pdf</a>	<a href="http://www.hki.org">www.hki.org</a>	Cameroon, Ethiopia, Rwanda
International Livestock Research Institute (ILRI)	Prevent infectious disease transmission to people from livestock, wildlife	<a href="http://www.100andchange.org/PDF_Public/290.pdf">www.100andchange.org/PDF_Public/290.pdf</a>	<a href="http://www.ilri.org">www.ilri.org</a>	Cameroon, Kenya, United States
Jhpiego Corporation	Reduce cervical cancer with screening and treatment	<a href="http://www.100andchange.org/PDF_Public/4283.pdf">www.100andchange.org/PDF_Public/4283.pdf</a>	<a href="http://www.jhpiego.org">www.jhpiego.org</a>	Botswana, India, Peru
Living Goods	Improve health care in Africa with trained community health workers	<a href="http://www.100andchange.org/PDF_Public/3322.pdf">www.100andchange.org/PDF_Public/3322.pdf</a>	<a href="http://www.livinggoods.org">www.livinggoods.org</a>	Kenya, Uganda



## HEALTH

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
MiracleFeet	Treat club foot without surgery	<a href="http://www.100andchange.org/PDF_Public/2610.pdf">www.100andchange.org/PDF_Public/2610.pdf</a>	<a href="http://www.miraclefeet.org">www.miraclefeet.org</a>	Global
Monash University	Prevent mosquito-borne disease through bacteria	<a href="http://www.100andchange.org/PDF_Public/86.pdf">www.100andchange.org/PDF_Public/86.pdf</a>	<a href="http://www.monash.edu">www.monash.edu</a>	India, Mexico, Philippines
Northwestern University	Provide high-quality primary care in underutilized Chicago school buildings	<a href="http://www.100andchange.org/PDF_Public/4918.pdf">www.100andchange.org/PDF_Public/4918.pdf</a>	<a href="http://www.northwestern.edu">www.northwestern.edu</a>	U.S.: Illinois
Partners In Health	Improve community health workers' services with technology	<a href="http://www.100andchange.org/PDF_Public/3055.pdf">www.100andchange.org/PDF_Public/3055.pdf</a>	<a href="http://www.pih.org">www.pih.org</a>	Liberia, Malawi, U.S.: New Mexico
Praekelt Foundation	Improve maternal and infant health with mobile-phone based support	<a href="http://www.100andchange.org/PDF_Public/5506.pdf">www.100andchange.org/PDF_Public/5506.pdf</a>	<a href="http://www.praekelt.org">www.praekelt.org</a>	Ethiopia, Nigeria, Tanzania
President and Fellows of Harvard College	Strengthen surgical practices in Sierra Leone	<a href="http://www.100andchange.org/PDF_Public/4820.pdf">www.100andchange.org/PDF_Public/4820.pdf</a>	<a href="http://www.harvard.edu/about-harvard/harvards-leadership/president-and-fellows-harvard-corporation">www.harvard.edu/about-harvard/harvards-leadership/president-and-fellows-harvard-corporation</a>	Sierra Leone, United Kingdom, United States
Regents of the University of Michigan	Eliminate maternal and neonatal death in sub-Saharan Africa	<a href="http://www.100andchange.org/PDF_Public/1011.pdf">www.100andchange.org/PDF_Public/1011.pdf</a>	<a href="http://www.regents.umich.edu">www.regents.umich.edu</a>	Cameroon, Ghana, Malawi
Sanford Research	Improve healthcare through data and telemedicine	<a href="http://www.100andchange.org/PDF_Public/842.pdf">www.100andchange.org/PDF_Public/842.pdf</a>	<a href="http://www.sanfordresearch.org">www.sanfordresearch.org</a>	U.S.: Louisiana, N. Dakota, S. Dakota
Save the Children Federation, Inc.	Reduce neonatal mortality	<a href="http://www.100andchange.org/PDF_Public/547.pdf">www.100andchange.org/PDF_Public/547.pdf</a>	<a href="http://www.savethechildren.org">www.savethechildren.org</a>	Bangladesh, Ethiopia, India
Seva Foundation	Provide accessible, low-cost eye care in developing countries	<a href="http://www.100andchange.org/PDF_Public/5389.pdf">www.100andchange.org/PDF_Public/5389.pdf</a>	<a href="http://www.seva.org">www.seva.org</a>	Bangladesh, India, Nepal
Southcentral Foundation	Provide life-improving services to Alaska Native families and children	<a href="http://www.100andchange.org/PDF_Public/6214.pdf">www.100andchange.org/PDF_Public/6214.pdf</a>	<a href="http://www.southcentralfoundation.com">www.southcentralfoundation.com</a>	U.S.: Alaska
The Chancellor, Masters and Scholars of the University of Cambridge	Treat dementia through personalized care	<a href="http://www.100andchange.org/PDF_Public/389.pdf">www.100andchange.org/PDF_Public/389.pdf</a>	<a href="http://www.cam.ac.uk">www.cam.ac.uk</a>	Nigeria, United Kingdom, United States
The Cleveland Clinic Foundation	Fight opioid addiction with education and pain management	<a href="http://www.100andchange.org/PDF_Public/3852.pdf">www.100andchange.org/PDF_Public/3852.pdf</a>	<a href="http://my.clevelandclinic.org">my.clevelandclinic.org</a>	United States
The Ohio State University Comprehensive Cancer Center	Prevent cancer by screening and monitoring individuals genetically at-risk	<a href="http://www.100andchange.org/PDF_Public/2567.pdf">www.100andchange.org/PDF_Public/2567.pdf</a>	<a href="http://www.cancer.osu.edu/about/locations/the-james-cancer-hospital-and-solove-research-institute">www.cancer.osu.edu/about/locations/the-james-cancer-hospital-and-solove-research-institute</a>	United States
The Regents of the University of California, UCLA	Treat depression in resource-poor areas	<a href="http://www.100andchange.org/PDF_Public/1904.pdf">www.100andchange.org/PDF_Public/1904.pdf</a>	<a href="http://regents.universityofcalifornia.edu">regents.universityofcalifornia.edu</a>	China, Colombia, U.S.: California
The Trustees of Columbia Univ. in the City of New York	Improve maternal and infant health	<a href="http://www.100andchange.org/PDF_Public/599.pdf">www.100andchange.org/PDF_Public/599.pdf</a>	<a href="http://secretary.columbia.edu/trustees-columbia-university">secretary.columbia.edu/trustees-columbia-university</a>	Kenya, Lesotho, United States
Tufts University	Promote healthy eating in the U.S.	<a href="http://www.100andchange.org/PDF_Public/5625.pdf">www.100andchange.org/PDF_Public/5625.pdf</a>	<a href="http://www.tufts.edu">www.tufts.edu</a>	United States
University of California, San Francisco Global Health Group	Fight vector-borne disease through community mobilization	<a href="http://www.100andchange.org/PDF_Public/3031.pdf">www.100andchange.org/PDF_Public/3031.pdf</a>	<a href="http://globalhealthsciences.ucsf.edu">globalhealthsciences.ucsf.edu</a>	British Virgin Islands, Namibia, Uganda
University of California, San Francisco Center for Vulnerable Populations	Prevent diabetes by mobilizing youth	<a href="http://www.100andchange.org/PDF_Public/3252.pdf">www.100andchange.org/PDF_Public/3252.pdf</a>	<a href="http://cvp.ucsf.edu">cvp.ucsf.edu</a>	United States



## HEALTH

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
University of North Carolina at Chapel Hill	Develop low-cost, low-intensity cancer interventions in Malawi	<a href="http://www.100andchange.org/PDF_Public/7038.pdf">www.100andchange.org/PDF_Public/7038.pdf</a>	<a href="http://www.unc.edu">www.unc.edu</a>	Malawi
Virginia Tech University	Guard against toxin exposure with community-based science	<a href="http://www.100andchange.org/PDF_Public/2309.pdf">www.100andchange.org/PDF_Public/2309.pdf</a>	<a href="http://www.vt.edu">www.vt.edu</a>	United States, Global
Washington State University	Eliminate rabies in sub-Saharan Africa	<a href="http://www.100andchange.org/PDF_Public/982.pdf">www.100andchange.org/PDF_Public/982.pdf</a>	<a href="http://www.wsu.edu">www.wsu.edu</a>	Kenya, Liberia, Zimbabwe
We Care Solar	Reduce maternal and newborn mortality with solar-powered medical lighting	<a href="http://www.100andchange.org/PDF_Public/2026.pdf">www.100andchange.org/PDF_Public/2026.pdf</a>	<a href="http://www.wecaresolar.org">www.wecaresolar.org</a>	Ethiopia, India, Uganda
West Virginia University Research Corporation	Decrease mortality in West Virginia	<a href="http://www.100andchange.org/PDF_Public/516.pdf">www.100andchange.org/PDF_Public/516.pdf</a>	<a href="http://hr.research.wvu.edu">hr.research.wvu.edu</a>	U.S.: West Virginia
Wynn Institute for Vision Research	Prevent and cure blindness	<a href="http://www.100andchange.org/PDF_Public/213.pdf">www.100andchange.org/PDF_Public/213.pdf</a>	<a href="http://www.wivr.uiowa.edu">www.wivr.uiowa.edu</a>	United States

## HUMAN RIGHTS

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
American Bar Association Fund for Justice and Education	Protect the right to counsel in the U.S.	<a href="http://www.100andchange.org/PDF_Public/335.pdf">www.100andchange.org/PDF_Public/335.pdf</a>	<a href="http://www.americanbar.org/groups/departments_offices/fund_justice_education.html">www.americanbar.org/groups/departments_offices/fund_justice_education.html</a>	United States
Bridges of Iowa	Break cycles of drug abuse and unemployment with cognitive behavior treatment in jails	<a href="http://www.100andchange.org/PDF_Public/2492.pdf">www.100andchange.org/PDF_Public/2492.pdf</a>	<a href="http://www.bridgesofiowa.org">www.bridgesofiowa.org</a>	United States
Harvard University	Treat drug addiction as a public health issue with diversion programs	<a href="http://www.100andchange.org/PDF_Public/3449.pdf">www.100andchange.org/PDF_Public/3449.pdf</a>	<a href="http://www.harvard.edu">www.harvard.edu</a>	United States
Plan International USA	Facilitate rights and services through civil registration	<a href="http://www.100andchange.org/PDF_Public/5142.pdf">www.100andchange.org/PDF_Public/5142.pdf</a>	<a href="http://www.planusa.org">www.planusa.org</a>	Ghana, Zambia
The Polis Center, Indiana University-Purdue University Indianapolis	Eradicate land mines with technological and policy interventions	<a href="http://www.100andchange.org/PDF_Public/4662.pdf">www.100andchange.org/PDF_Public/4662.pdf</a>	<a href="http://www.polis.iupui.edu">www.polis.iupui.edu</a>	United States
Prison Fellowship Ministries	Reduce prison recidivism with education and reentry programs	<a href="http://www.100andchange.org/PDF_Public/6072.pdf">www.100andchange.org/PDF_Public/6072.pdf</a>	<a href="http://www.prisonfellowship.org">www.prisonfellowship.org</a>	Global
Project for Public Spaces	Empower communities to transform public urban spaces	<a href="http://www.100andchange.org/PDF_Public/1042.pdf">www.100andchange.org/PDF_Public/1042.pdf</a>	<a href="http://www.pps.org">www.pps.org</a>	United States
Seattle Foundation	Fight sexual exploitation and sex trafficking by catalyzing a culture shift	<a href="http://www.100andchange.org/PDF_Public/4987.pdf">www.100andchange.org/PDF_Public/4987.pdf</a>	<a href="http://www.endingexploitation.com">www.endingexploitation.com</a>	Global

## INFRASTRUCTURE

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
ASU Foundation for A New American University	Democratize access to safe drinking water	<a href="http://www.100andchange.org/PDF_Public/3506.pdf">www.100andchange.org/PDF_Public/3506.pdf</a>	<a href="http://www.asufoundation.org">www.asufoundation.org</a>	Indonesia, Jordan, Mexico
Duke University	Improve sanitation and empower women through business development	<a href="http://www.100andchange.org/PDF_Public/1520.pdf">www.100andchange.org/PDF_Public/1520.pdf</a>	<a href="http://www.duke.edu">www.duke.edu</a>	India
Nova Lumos Netherlands Holding B.V.	Distribute home solar lighting systems	<a href="http://www.100andchange.org/PDF_Public/2065.pdf">www.100andchange.org/PDF_Public/2065.pdf</a>	<a href="http://www.nova-lumos.com">www.nova-lumos.com</a>	Nigeria

## INFRASTRUCTURE

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
Safe Water Network	Provide clean and safe water via small water enterprises	<a href="http://www.100andchange.org/PDF_Public/1705.pdf">www.100andchange.org/PDF_Public/1705.pdf</a>	<a href="http://www.safewaternetwork.org">www.safewaternetwork.org</a>	Ghana, India, Global
Stony Brook University	Purify drinking water with nanotechnology and micro-enterprises	<a href="http://www.100andchange.org/PDF_Public/3732.pdf">www.100andchange.org/PDF_Public/3732.pdf</a>	<a href="http://www.stonybrook.edu">www.stonybrook.edu</a>	India, Kenya, Mexico
The Regents of the University of California, Berkeley Campus	Eliminate arsenic in drinking water	<a href="http://www.100andchange.org/PDF_Public/4552.pdf">www.100andchange.org/PDF_Public/4552.pdf</a>	<a href="http://www.berkeley.edu">www.berkeley.edu</a>	India, U.S.: California
The University of Edinburgh	Provide affordable solar-powered internet access to remote areas	<a href="http://www.100andchange.org/PDF_Public/2949.pdf">www.100andchange.org/PDF_Public/2949.pdf</a>	<a href="http://www.ed.ac.uk">www.ed.ac.uk</a>	India, Kenya, Rwanda
what3words	Enable services and health care for informal settlements by mapping and creating addresses	<a href="http://www.100andchange.org/PDF_Public/8103.pdf">www.100andchange.org/PDF_Public/8103.pdf</a>	<a href="http://www.what3words.com">www.what3words.com</a>	Global

## POVERTY

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO	WEBSITE	REGION
B Lab Company	Reduce inequality and poverty with a global network of benefit corporations	<a href="http://www.100andchange.org/PDF_Public/4275.pdf">www.100andchange.org/PDF_Public/4275.pdf</a>	<a href="http://www.bcorporation.net">www.bcorporation.net</a>	Global
BRAC USA	Eradicate extreme poverty in Africa	<a href="http://www.100andchange.org/PDF_Public/2209.pdf">www.100andchange.org/PDF_Public/2209.pdf</a>	<a href="http://www.bracusa.org">www.bracusa.org</a>	Tanzania, Uganda
Evidence Action	Reduce seasonal income insecurity in rural areas	<a href="http://www.100andchange.org/PDF_Public/5644.pdf">www.100andchange.org/PDF_Public/5644.pdf</a>	<a href="http://www.evidenceaction.org">www.evidenceaction.org</a>	Bangladesh, Ghana, Indonesia
Habitat for Humanity International, Inc.	Revitalize distressed neighborhoods by organizing residents	<a href="http://www.100andchange.org/PDF_Public/5681.pdf">www.100andchange.org/PDF_Public/5681.pdf</a>	<a href="http://www.habitat.org">www.habitat.org</a>	United States
Institute for the Future	Provide benefits and advocacy for workers through a cross-sector, national guild	<a href="http://www.100andchange.org/PDF_Public/1218.pdf">www.100andchange.org/PDF_Public/1218.pdf</a>	<a href="http://www.dataforcities.org">www.dataforcities.org</a>	United States
LIFE ElderCare	Reduce hunger among senior citizens	<a href="http://www.100andchange.org/PDF_Public/387.pdf">www.100andchange.org/PDF_Public/387.pdf</a>	<a href="http://www.lifeeldercare.org">www.lifeeldercare.org</a>	United States
Project HOME	End chronic homelessness with a holistic approach	<a href="http://www.100andchange.org/PDF_Public/1227.pdf">www.100andchange.org/PDF_Public/1227.pdf</a>	<a href="http://www.projecthome.org">www.projecthome.org</a>	U.S.: Pennsylvania, Washington
Reading and Beyond	Break cycles of poverty with a two-generation approach	<a href="http://www.100andchange.org/PDF_Public/1984.pdf">www.100andchange.org/PDF_Public/1984.pdf</a>	<a href="http://www.readingandbeyond.org">www.readingandbeyond.org</a>	U.S.: California

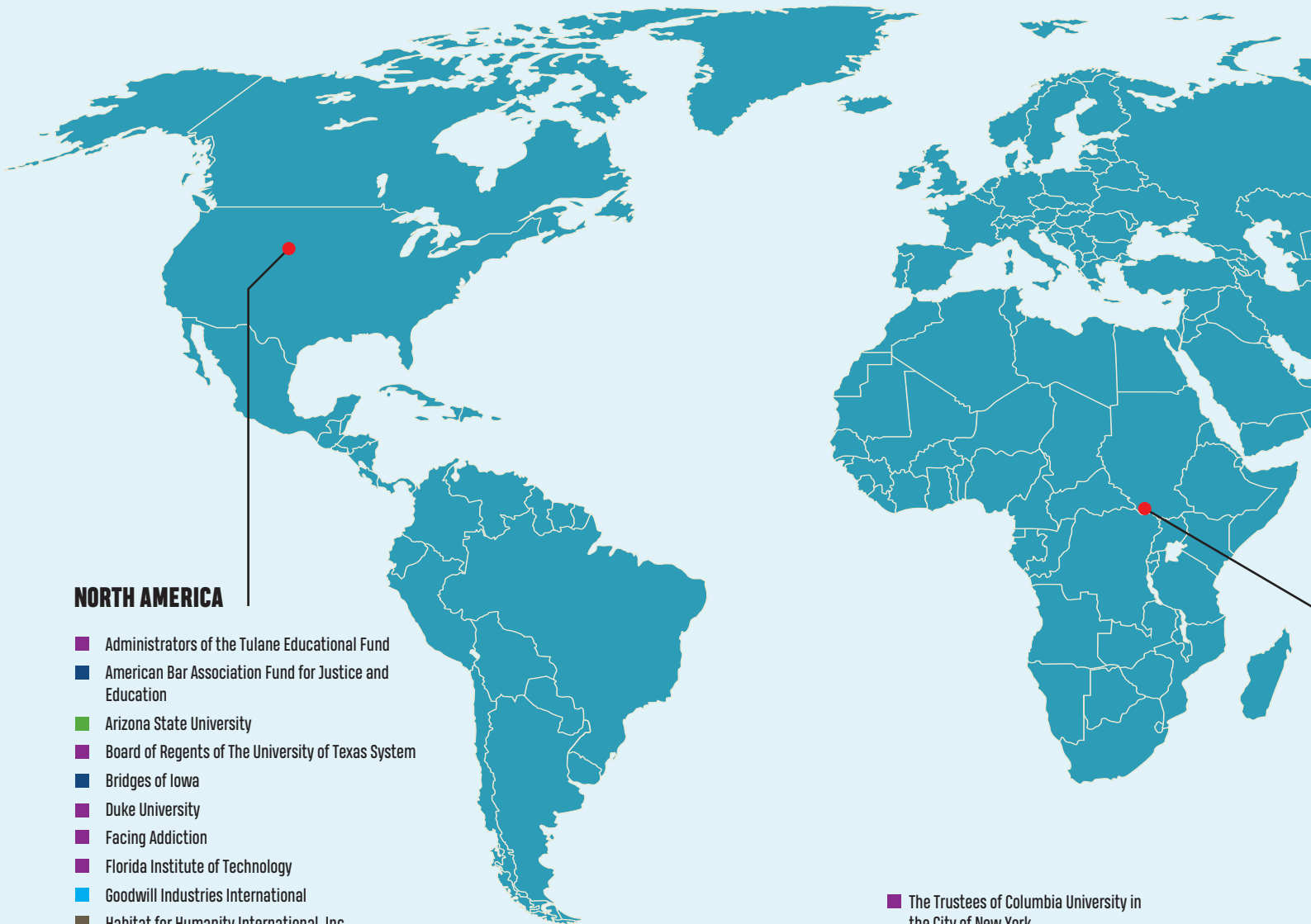


**BOLD IDEAS**

## TOP 81 PROPOSALS

# BY GEOGRAPHIC AREA OF PRIMARY FOCUS

The 81 proposals selected by CHIP as having the greatest potential for social impact, shown by primary geographic area. Many of these projects are designed to be deployed in more than one region or continent. For more information on the specific countries for each project, see pages 17-21.



### NORTH AMERICA

- Administrators of the Tulane Educational Fund
- American Bar Association Fund for Justice and Education
- Arizona State University
- Board of Regents of The University of Texas System
- Bridges of Iowa
- Duke University
- Facing Addiction
- Florida Institute of Technology
- Goodwill Industries International
- Habitat for Humanity International, Inc.
- Harvard University
- Institute for the Future
- LIFE ElderCare
- Northwestern University
- Prison Fellowship Ministries
- Project HOME
- Reading and Beyond
- Sanford Research

- Seattle Foundation
- Southcentral Foundation
- The Chancellor, Masters and Scholars of the University of Cambridge
- The Cleveland Clinic Foundation
- The Ohio State University Comprehensive Cancer Center
- The Regents of the University of California, UCLA

- The Trustees of Columbia University in the City of New York
- Tufts University
- University of California, San Francisco Center for Vulnerable Populations
- Virginia Tech University
- Water For People
- West Virginia University Research Corporation
- World Wildlife Fund, Inc.
- Wynn Institute for Vision Research

## ASIA

- ASU Foundation for A New American University
- ayzh, Inc.
- BAIF Development Research Foundation
- Beneficent Technology, Inc.
- Duke University
- Evidence Action
- Jhpiego Corporation
- Monash University
- Safe Water Network
- Save the Children Federation, Inc.
- Seva Foundation
- Sustainability Leaders Network
- Texas A&M AgriLife Research
- The Regents of the University of California, Berkeley Campus
- The University of Edinburgh



## AFRICA

- American College of Obstetricians and Gynecologists
- BRAC USA
- Climate Policy Initiative
- Global Alliance for Clean Cookstoves
- Helen Keller International, Inc.
- International Livestock Research Institute (ILRI)
- Living Goods
- Nova Lumos Netherlands Holding B.V.
- Partners In Health
- Peace Parks Foundation
- Plan International USA
- Praekelt Foundation
- President and Fellows of Harvard College
- Regents of the University of Michigan
- Stony Brook University
- University of California, Davis
- University of California, San Francisco Global Health Group
- University of North Carolina at Chapel Hill
- Washington State University
- We Care Solar
- World Agroforestry Centre



## GLOBAL

- B Lab Company
- Children's Medical Research Institute
- Ecology Action of the Midpeninsula
- Grand Challenges Canada
- Khan Academy
- MiracleFeet
- Oz Harvest Limited
- Project for Public Spaces
- Southern New Hampshire University
- The Polis Center, Indiana University-Purdue University Indianapolis
- what3words

## OCEANS

- California Polytechnic State University
- Greening Australia Limited

## CAUSE AREA

- Education
- Environment
- Food/Agriculture
- Health
- Human Rights
- Infrastructure
- Poverty



**BOLD IDEAS**

## TOP 81 PROPOSALS

# PROPOSALS ANCHORED BY ACADEMIC INSTITUTIONS

Not surprisingly, a significant number of *100&Change* projects are anchored by an academic institution. Donors who have an affiliation to a particular school can fund the work of their alma mater or local institution from the list below.

UNIVERSITY	DESCRIPTION	PROPOSAL & VIDEO
Arizona State University	Promote conservation in corporate supply chains	<a href="http://www.100andchange.org/PDF_Public/4354.pdf">www.100andchange.org/PDF_Public/4354.pdf</a>
Arizona State University	Democratize access to safe drinking water	<a href="http://www.100andchange.org/PDF_Public/3506.pdf">www.100andchange.org/PDF_Public/3506.pdf</a>
California Polytechnic State University	Promote effective marine reserve management in the Western Indian Ocean	<a href="http://www.100andchange.org/PDF_Public/4266.pdf">www.100andchange.org/PDF_Public/4266.pdf</a>
Columbia University	Improve maternal and infant health	<a href="http://www.100andchange.org/PDF_Public/599.pdf">www.100andchange.org/PDF_Public/599.pdf</a>
Duke University	Increase technological training for neurorehabilitation therapists	<a href="http://www.100andchange.org/PDF_Public/1863.pdf">www.100andchange.org/PDF_Public/1863.pdf</a>
Duke University	Improve sanitation and empower women through business development	<a href="http://www.100andchange.org/PDF_Public/1520.pdf">www.100andchange.org/PDF_Public/1520.pdf</a>
Florida Institute of Technology	Improve autism treatment with a web-based screening and treatment hub	<a href="http://www.100andchange.org/PDF_Public/1833.pdf">www.100andchange.org/PDF_Public/1833.pdf</a>
Harvard University	Strengthen surgical practices in Sierra Leone	<a href="http://www.100andchange.org/PDF_Public/4820.pdf">www.100andchange.org/PDF_Public/4820.pdf</a>
Harvard University	Treat drug addiction as a public health issue with diversion programs	<a href="http://www.100andchange.org/PDF_Public/3449.pdf">www.100andchange.org/PDF_Public/3449.pdf</a>
Indiana University-Purdue University Indianapolis	Eradicate explosive remnants of war and reclaim land	<a href="http://www.100andchange.org/PDF_Public/4662.pdf">www.100andchange.org/PDF_Public/4662.pdf</a>
Monash University	Support research that reduce mosquito-transmitted diseases with naturally-occurring bacteria	<a href="http://www.100andchange.org/PDF_Public/86.pdf">www.100andchange.org/PDF_Public/86.pdf</a>
Northwestern University	Provide high-quality primary care in underutilized Chicago school buildings	<a href="http://www.100andchange.org/PDF_Public/4918.pdf">www.100andchange.org/PDF_Public/4918.pdf</a>
Southern New Hampshire University	Provide higher education opportunities for refugees	<a href="http://www.100andchange.org/PDF_Public/1628.pdf">www.100andchange.org/PDF_Public/1628.pdf</a>
Stony Brook University	Purify drinking water with nanotechnology and micro-enterprises	<a href="http://www.100andchange.org/PDF_Public/3732.pdf">www.100andchange.org/PDF_Public/3732.pdf</a>
Texas A&M University	Produce genetically engineered rice with low greenhouse gas emissions	<a href="http://www.100andchange.org/PDF_Public/4292.pdf">www.100andchange.org/PDF_Public/4292.pdf</a>
The Ohio State University	Prevent cancer by screening and monitoring individuals genetically at-risk	<a href="http://www.100andchange.org/PDF_Public/2567.pdf">www.100andchange.org/PDF_Public/2567.pdf</a>
The University of Edinburgh	Provide affordable solar-powered internet access to remote areas	<a href="http://www.100andchange.org/PDF_Public/2949.pdf">www.100andchange.org/PDF_Public/2949.pdf</a>
Tufts University	Promote healthy eating in the U.S.	<a href="http://www.100andchange.org/PDF_Public/5625.pdf">www.100andchange.org/PDF_Public/5625.pdf</a>
Tulane University	Combat emerging disease threats by creating a seamless "detection to production" system	<a href="http://www.100andchange.org/PDF_Public/1056.pdf">www.100andchange.org/PDF_Public/1056.pdf</a>
University of California, Berkeley	Eliminate arsenic in drinking water	<a href="http://www.100andchange.org/PDF_Public/4552.pdf">www.100andchange.org/PDF_Public/4552.pdf</a>
University of California, Davis	Prevent food waste and contamination with crop drying and storage	<a href="http://www.100andchange.org/PDF_Public/4330.pdf">www.100andchange.org/PDF_Public/4330.pdf</a>
University of California, Los Angeles	Treat depression in resource-poor areas	<a href="http://www.100andchange.org/PDF_Public/1904.pdf">www.100andchange.org/PDF_Public/1904.pdf</a>
University of California, San Francisco	Prevent diabetes by mobilizing youth	<a href="http://www.100andchange.org/PDF_Public/3252.pdf">www.100andchange.org/PDF_Public/3252.pdf</a>
University of California, San Francisco	Fight vector-borne disease through community mobilization	<a href="http://www.100andchange.org/PDF_Public/3031.pdf">www.100andchange.org/PDF_Public/3031.pdf</a>
University of Cambridge	Treat dementia through personalized care	<a href="http://www.100andchange.org/PDF_Public/389.pdf">www.100andchange.org/PDF_Public/389.pdf</a>



UNIVERSITY	DESCRIPTION	PROPOSAL & VIDEO
University of Iowa (Wynn Institute for Vision Research)	Prevent and cure blindness	<a href="http://www.100andchange.org/PDF_Public/213.pdf">www.100andchange.org/PDF_Public/213.pdf</a>
University of Michigan	Eliminate maternal and neonatal death in sub-Saharan Africa	<a href="http://www.100andchange.org/PDF_Public/1011.pdf">www.100andchange.org/PDF_Public/1011.pdf</a>
University of North Carolina at Chapel Hill	Develop low-cost, low-intensity cancer interventions in Malawi	<a href="http://www.100andchange.org/PDF_Public/7038.pdf">www.100andchange.org/PDF_Public/7038.pdf</a>
University of Texas	Improve mental illness screening and care in Texas	<a href="http://www.100andchange.org/PDF_Public/6058.pdf">www.100andchange.org/PDF_Public/6058.pdf</a>
Virginia Tech University	Guard against toxin exposure with community-based science	<a href="http://www.100andchange.org/PDF_Public/2309.pdf">www.100andchange.org/PDF_Public/2309.pdf</a>
Washington State University	Eliminate rabies in sub-Saharan Africa	<a href="http://www.100andchange.org/PDF_Public/982.pdf">www.100andchange.org/PDF_Public/982.pdf</a>
West Virginia University	Decrease mortality in West Virginia	<a href="http://www.100andchange.org/PDF_Public/516.pdf">www.100andchange.org/PDF_Public/516.pdf</a>



**BOLD IDEAS**

## TOP 81 PROPOSALS

# PROPOSALS THAT BENEFIT WOMEN AND GIRLS

Women and girls make up over half of the world's population yet often experience worse outcomes across multiple measures, including health, educational opportunity, economic status, and personal safety. Both CHIP and MacArthur have seen increased interest from funders in projects targeted to helping women gain equal footing throughout the world. The following projects offer concrete opportunities to act on the recommendations of CHIP's recently released guidance, *The XX Factor: A Comprehensive Framework for Improving the Lives of Women & Girls*. To view the guidance, go to <https://www.impact.upenn.edu/the-xx-factor/>.

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO
American College of Obstetricians and Gynecologists	Decrease maternal death from childbirth through medical and community training	<a href="http://www.100andchange.org/PDF_Public/4823.pdf">www.100andchange.org/PDF_Public/4823.pdf</a>
ayzh, Inc.	Provide women affordable, culturally relevant health and hygiene products	<a href="http://www.100andchange.org/PDF_Public/6681.pdf">www.100andchange.org/PDF_Public/6681.pdf</a>
BAIF Development Research Foundation	Fight malnutrition with solar-powered produce dryers	<a href="http://www.100andchange.org/PDF_Public/1954.pdf">www.100andchange.org/PDF_Public/1954.pdf</a>
BRAC USA	Eradicate extreme poverty in Africa	<a href="http://www.100andchange.org/PDF_Public/2209.pdf">www.100andchange.org/PDF_Public/2209.pdf</a>
Duke University	Improve sanitation and empower women through business development	<a href="http://www.100andchange.org/PDF_Public/1520.pdf">www.100andchange.org/PDF_Public/1520.pdf</a>
Global Alliance for Clean Cookstoves	Reduce indoor pollution with clean cookstoves	<a href="http://www.100andchange.org/PDF_Public/6278.pdf">www.100andchange.org/PDF_Public/6278.pdf</a>
Jhpiego Corporation	Reduce cervical cancer with screening and treatment	<a href="http://www.100andchange.org/PDF_Public/4283.pdf">www.100andchange.org/PDF_Public/4283.pdf</a>
Praekelt Foundation	Improve maternal and infant health with mobile-phone based support	<a href="http://www.100andchange.org/PDF_Public/5506.pdf">www.100andchange.org/PDF_Public/5506.pdf</a>
Regents of the University of Michigan	Eliminate maternal and neonatal death in sub-Saharan Africa	<a href="http://www.100andchange.org/PDF_Public/1011.pdf">www.100andchange.org/PDF_Public/1011.pdf</a>
Save the Children Federation, Inc.	Reduce neonatal mortality	<a href="http://www.100andchange.org/PDF_Public/547.pdf">www.100andchange.org/PDF_Public/547.pdf</a>
Seattle Foundation	Fight sexual exploitation and sex trafficking by catalyzing a culture shift	<a href="http://www.100andchange.org/PDF_Public/4987.pdf">www.100andchange.org/PDF_Public/4987.pdf</a>
Southcentral Foundation	Provide life-improving services to Alaska Native families and children	<a href="http://www.100andchange.org/PDF_Public/6214.pdf">www.100andchange.org/PDF_Public/6214.pdf</a>
The Trustees of Columbia University in the City of New York	Improve maternal and infant health	<a href="http://www.100andchange.org/PDF_Public/599.pdf">www.100andchange.org/PDF_Public/599.pdf</a>
We Care Solar	Reduce maternal and newborn mortality with solar-powered medical lighting	<a href="http://www.100andchange.org/PDF_Public/2026.pdf">www.100andchange.org/PDF_Public/2026.pdf</a>



## OTHER PROPOSALS OF NOTE

# PROPOSALS FOR R&D AND KNOWLEDGE BUILDING

Two types of proposals had potential for far-reaching social impact, but were too specialized for our team of Lipman Family Prize Fellows to analyze within the scope of this project. The first were scientific research and development ideas (such as biomedical research) that require specific technical expertise to assess well. The second were those whose goal was to develop critical knowledge that could ultimately inform the efforts of multiple fields, organizations, and projects. Both are grouped here in a separate list for funders who have an interest in broad field-building efforts, a higher risk tolerance, and the willingness to conduct the additional due diligence required.

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO
Beth Israel Deaconess Medical Center	Prevent Zika virus with a vaccine	<a href="http://www.100andchange.org/PDF_Public/6766.pdf">www.100andchange.org/PDF_Public/6766.pdf</a>
Board of Trustees of the University of Illinois	Combat superbugs by mining microbe genes	<a href="http://www.100andchange.org/PDF_Public/672.pdf">www.100andchange.org/PDF_Public/672.pdf</a>
Carnegie Mellon University	Develop perennial staple crops in sub-Saharan Africa	<a href="http://www.100andchange.org/PDF_Public/5294.pdf">www.100andchange.org/PDF_Public/5294.pdf</a>
Colorado State University	Advance access to radiotherapy for cancer patients	<a href="http://www.100andchange.org/PDF_Public/5386.pdf">www.100andchange.org/PDF_Public/5386.pdf</a>
Columbia University	Ameliorate cognitive aging with therapeutic and preventive interventions	<a href="http://www.100andchange.org/PDF_Public/3990.pdf">www.100andchange.org/PDF_Public/3990.pdf</a>
Deakin University	Combat climate change by protecting coastal zone carbon sinks	<a href="http://www.100andchange.org/PDF_Public/2170.pdf">www.100andchange.org/PDF_Public/2170.pdf</a>
Dioxide Materials, Inc.	Avoid catastrophic climate change by creating fuel from CO <sub>2</sub> captured from the air	<a href="http://www.100andchange.org/PDF_Public/468.pdf">www.100andchange.org/PDF_Public/468.pdf</a>
Duke University	Prevent HIV with a vaccine	<a href="http://www.100andchange.org/PDF_Public/1450.pdf">www.100andchange.org/PDF_Public/1450.pdf</a>
Icahn School of Medicine at Mount Sinai	Provide lifetime protection against influenza with a vaccine	<a href="http://www.100andchange.org/PDF_Public/2159.pdf">www.100andchange.org/PDF_Public/2159.pdf</a>
Johns Hopkins University	Protect honeybees by developing and deploying natural toxins against mites	<a href="http://www.100andchange.org/PDF_Public/1014.pdf">www.100andchange.org/PDF_Public/1014.pdf</a>
Massachusetts Institute of Technology	Minimize harmful fertilizer use by leveraging microbes	<a href="http://www.100andchange.org/PDF_Public/1084.pdf">www.100andchange.org/PDF_Public/1084.pdf</a>
Northeastern University	Discover new antibiotics from microbes in soil	<a href="http://www.100andchange.org/PDF_Public/3220.pdf">www.100andchange.org/PDF_Public/3220.pdf</a>
Northwestern University Office of Sponsored Research	Fight cancer through early detection and the development of new therapies	<a href="http://www.100andchange.org/PDF_Public/6030.pdf">www.100andchange.org/PDF_Public/6030.pdf</a>
NYU Langone Medical Center	Produce organs for human transplant with genetically engineered pigs	<a href="http://www.100andchange.org/PDF_Public/4997.pdf">www.100andchange.org/PDF_Public/4997.pdf</a>
President and Fellows of Harvard College	Generate cell therapy treatments for patients with multiple diseases	<a href="http://www.100andchange.org/PDF_Public/5568.pdf">www.100andchange.org/PDF_Public/5568.pdf</a>
Roswell Park Alliance Foundation	Eliminate lung cancer with a vaccine	<a href="http://www.100andchange.org/PDF_Public/4057.pdf">www.100andchange.org/PDF_Public/4057.pdf</a>
The Regents of the University of California, Santa Barbara	Eliminate disease-carrying mosquitoes through genetic engineering	<a href="http://www.100andchange.org/PDF_Public/848.pdf">www.100andchange.org/PDF_Public/848.pdf</a>
The Regents of the University of Colorado	Improve use of farmable land via production of renewable ammonia	<a href="http://www.100andchange.org/PDF_Public/63.pdf">www.100andchange.org/PDF_Public/63.pdf</a>
The Trustees of the University of Pennsylvania	Improve life and health through behavior change interventions	<a href="http://www.100andchange.org/PDF_Public/4824.pdf">www.100andchange.org/PDF_Public/4824.pdf</a>
The University of Chicago	Prevent infection and disease by eradicating human <i>Toxoplasma gondii</i>	<a href="http://www.100andchange.org/PDF_Public/6924.pdf">www.100andchange.org/PDF_Public/6924.pdf</a>
The University of Melbourne	Safeguard healthcare by reducing the over-use of antibiotics in human and animal medicine	<a href="http://www.100andchange.org/PDF_Public/5368.pdf">www.100andchange.org/PDF_Public/5368.pdf</a>
The University of Texas at Austin	Treat cancer, heart disease, and infection with radio-isotopes	<a href="http://www.100andchange.org/PDF_Public/5699.pdf">www.100andchange.org/PDF_Public/5699.pdf</a>

ORGANIZATION	DESCRIPTION	PROPOSAL & VIDEO
The University of Texas Health Science Center at Houston	Prevent brain disease through early detection	<a href="http://www.100andchange.org/PDF_Public/5370.pdf">www.100andchange.org/PDF_Public/5370.pdf</a>
Trustees of Indiana University	Protect human health by mapping chemical exposure and toxicity	<a href="http://www.100andchange.org/PDF_Public/5518.pdf">www.100andchange.org/PDF_Public/5518.pdf</a>
University Hospitals Health System, Inc.	Develop new drugs for rare diseases	<a href="http://www.100andchange.org/PDF_Public/2847.pdf">www.100andchange.org/PDF_Public/2847.pdf</a>
University of California, San Diego	Treat cancer with personalized therapies by mapping cancer cell genomes	<a href="http://www.100andchange.org/PDF_Public/5994.pdf">www.100andchange.org/PDF_Public/5994.pdf</a>
University of North Carolina at Chapel Hill	Facilitate drug research and development by indexing proteins in the human genome	<a href="http://www.100andchange.org/PDF_Public/6552.pdf">www.100andchange.org/PDF_Public/6552.pdf</a>
Vanderbilt University Medical Center	Understand and cure diseases by cataloging human immune system genes	<a href="http://www.100andchange.org/PDF_Public/5433.pdf">www.100andchange.org/PDF_Public/5433.pdf</a>

## ACKNOWLEDGEMENTS

We would like to thank the following people who shared their expertise, offered insights, or provided feedback on this guide:

**CARRA COTE-ACKAH**, senior fellow, the Center for High Impact Philanthropy; executive director, community stewardship, Vanguard; vice chair, board of directors, the Surdna Foundation

**KATE BARRETT**, senior manager, community affairs, Campbell Soup Company

**TOORJO GHOSE**, associate professor, University of Pennsylvania School of Social Policy & Practice

**REBECCA HOBBLE**, analyst, the Center for High Impact Philanthropy

**KATE HOVDE**, senior advisor, education, the Center for High Impact Philanthropy

**PAUL HELLER**, senior fellow, the Center for High Impact Philanthropy; former Managing Director and Chief Information Officer, Vanguard

**HANH LA**, senior advisor, applied research and analysis, the Center for High Impact Philanthropy

**CAROL MCLAUGHLIN**, founding team member and senior advisor for global health, the Center for High Impact Philanthropy; assistant professor of clinical medicine, the Perelman School of Medicine; director, Global Health Equities Track, internal medicine residency, the Perelman School of Medicine

**SAMUEL REEVES**, co-founder and CEO, Humanistic Robotics, Inc.

**MOLLY SINDERBRAND**, post-doctoral fellow, the Center for High Impact Philanthropy

Special thanks to the following colleagues for their assistance and support:

### CENTER FOR HIGH IMPACT PHILANTHROPY

**Sarah Gormley**, associate director, administration and knowledge management; **Brittany Keesling** and **Marc Stuart**, research assistants; **Amber Hu**, communications and marketing social impact fellow; **Mariel Featherstone**, program assistant

### MacARTHUR FOUNDATION

**Jeff Ubois**, program officer, *100&Change*; **Chelsey Ziegler**, associate general counsel; **Kristen Mack**, communications officer; **Mariela Evans**, coordinator

### McNULTY LEADERSHIP PROGRAM AT THE WHARTON SCHOOL

**Umi Howard**, director, the Lipman Family Prize



# THE CENTER FOR HIGH IMPACT PHILANTHROPY

*The University of Pennsylvania*

CELEBRATING 10 YEARS

**3815 Walnut Street  
Philadelphia, PA 19104**

**WEBSITE  
EMAIL  
PHONE**

[www.impact.upenn.edu](http://www.impact.upenn.edu)  
[impact@sp2.upenn.edu](mailto:impact@sp2.upenn.edu)  
(215) 573-7266

**BLOG  
FACEBOOK  
TWITTER  
LINKEDIN  
YOUTUBE**

[www.impact.upenn.edu/category/blogs/](http://www.impact.upenn.edu/category/blogs/)  
[www.facebook.com/CenterforHighImpactPhilanthropy](https://www.facebook.com/CenterforHighImpactPhilanthropy)  
[www.twitter.com/ImpactSP2](https://www.twitter.com/ImpactSP2)  
[www.linkedin.com/company/center-for-high-impact-philanthropy](https://www.linkedin.com/company/center-for-high-impact-philanthropy)  
[www.youtube.com/user/impacts2](https://www.youtube.com/user/impacts2)