

## Executive Summary

The Deerfield Foundation Executive Committee is happy to announce two new Vice Presidents to join the committee, Kathryn Wilson and Terence Karnal. Both Kathryn and Terence will join this year's team and remain on the committee throughout the next rotation in 2019-2020. By creating this team overlap, we hope to provide an increase in consistency for our partner organizations.

In other efforts, the committee is diligently working to streamline the metrics surrounding our review process. Each project's goal is now being tracked throughout the life of the project. By doing so, we can now explore the obstacles and accomplishments that impact or evolve these goals and determine what funding or support may be required in the future for greater outcomes.

To showcase the impact that each organization has made since their receipt of the 2017 grant, we have provided updates below. We hope you enjoy.

## Since 2007



>36

Million Dollars  
committed or invested



39

Organizations  
reached

## In 2017, Deerfield Foundation



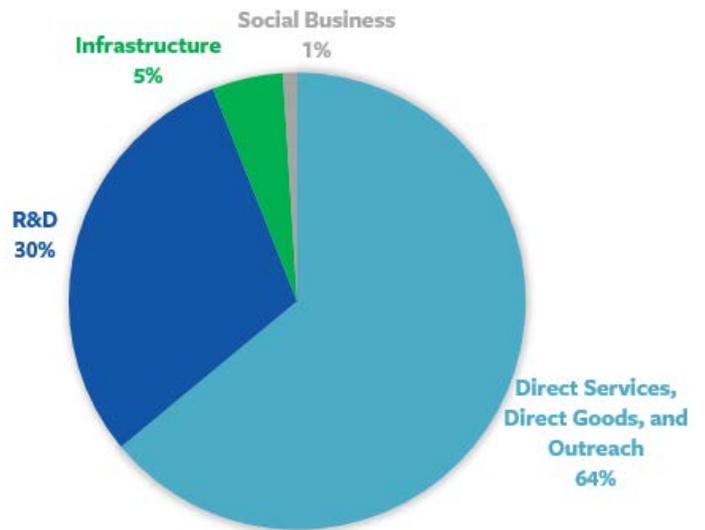
Invested **3.7** million dollars



Support **23** organizations  
working in healthcare or disease  
prevention



In **12** countries



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## Possible Health

**Mission:** Delivering quality affordable healthcare, from hospital to home.

**Partner since:** 2012

**Description:** Possible Health provides high-quality, low-cost care to the world’s poor. It is intent on making a model for patients to realize the right to health by delivering transparent, data-driven healthcare. By integrating with hospitals and community health workers, it can create high-access, comprehensive care in rural Nepal. It has treated over 500,000 patients since its founding in 2008.

**2017 Funding:** \$600,000

**Project Funded:** **Continued Strengthening of Services at Bayalpata and Charikot Hospitals in Achham and Dolakha**

**2018 Update:** Possible previously outlined plans to complete construction of a new emergency department, antenatal/reproductive care unit, and surgical department at Bayalpata Hospital. Due to changes in patient flow, Possible reprioritized to first complete the construction of a new outpatient department. This outpatient department was recently completed, and the emergency department is now set to be completed by July 2018. Construction of the antenatal/reproductive care unit will begin once the emergency department is complete, while construction of the surgical department is ongoing. All construction at Bayalpata is expected to be completed in the first quarter of 2019. In addition to the Bayalpata construction, Possible has also grown its Community Health Worker (CHW) network to serve a catchment population of 150,000 across the Achham and Dolakha districts.



**Website:** <https://possiblehealth.org/>

## Living Goods

- Mission:** Living Goods (LG) empowers Community Health Promoters to deliver life-saving products and services to the doorsteps of the poor.
- Partner since:** 2017
- Description:** LG recruits, trains and supports a network of Community Health Promoters (CHPs) who go door-to-door to teach families how to improve their health and wealth while also selling life-changing products. LG's branch-warehouses are always in stock and provide on-going training, supervision, and recertification. Its model generates revenue that pays the millions of health workers that are needed for the underserved while also dramatically reducing deaths of the most vulnerable for an annual cost of less than \$2 per person. It seeks large scale impact and is able to provide this systematically through the usage of mobile tools and real-time performance management as well as leveraging its partnerships.
- 2017 Funding:** \$500,000 committed capital investment
- \$100,000 initial and \$400,000 pay-for-performance investment
  - LG can leverage Deerfield's expertise to assist in the creation of a Results-Based Financing mechanism
- Project Funded:** **Pioneering Innovative Financing Strategies to Reduce Child Mortality and Attract Long-Term Financing for Community Health**
- 2018 Update:** LG's Results-Based Financing (RBF) mechanism for community health intends to increase quality of service and reduce donor risk by having payment applied only once agreed upon outputs are achieved.
- Its organization has made significant strides in the design of the RBF mechanism with the support of Deerfield and has identified the governance structure of the mechanism while also determining the payment metrics to be used for measurement. The final payment metrics were made to ensure it will contribute to the impact on child mortality while aligning with the Ministry of Health objectives to provide the best possible structure for future adaptation. The metrics were also chosen with the consideration of having something that is easy to manage, measure and verify that will also minimize perverse incentives.
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- As LG finalizes the design of the mechanism, it continues to work closely with a group of outcome payers to generate interest in further investments to scale up the RBF. They have also worked with Medic Mobile to change the workflows and performance dashboard to generate the data needed to track performance against the payment metrics for this mechanism. Their regional and branch managers have a better understanding of the objectives and the team is planning to launch the RBF mechanism in June 2018.
- Website:** [www.livinggoods.org](http://www.livinggoods.org)

## Children's Health Fund

**Mission:** Children's Health Fund (CHF) is committed to providing health care to the nation's most medically underserved children through the development and support of innovative, comprehensive primary care programs, reducing the impact of public health crises on vulnerable children, and promoting the health and well-being of all children.

**Partner since:** 2007

**Description:** In 1987, the program was started with a single mobile medical clinic bringing care to children in homeless shelters. Today, through a national network, CHF provides care for 350,000 children in disadvantaged rural and urban communities through 50 mobile medical clinics and 301 medical service sites. Its Flagship Program in NYC serves Harlem, South Bronx, and the NYC homeless population.

**2017 Funding:** \$400,000

**Project Funded:** **Deerfield Child and Family Health Clinic**

**2018 Update:** In 2017, Deerfield granted \$300,000 to the Deerfield Child and Family Health Clinic. One in five visits at the clinic is by an uninsured patient, who is often undocumented and ineligible for Medicare/Medicaid coverage. The grant covers the funding gap at the clinic allowing it to enhance the services and health care access for homeless children. The number of homeless children has grown 12% in the past year and is now at the highest level since the great depression. As a result of rising homelessness, the clinic was expanded and in late 2017, the CHF hosted an event at the Deerfield Clinic to mark the 30<sup>th</sup> anniversary of the NY Children's Health Project (NYCHP) and recognize the Deerfield Foundation's long time support and the recent expansion of the clinic.



**Project Funded:** **New York Flagship Program**

**Update:** In 2017, Deerfield granted \$100,000 to the NY Flagship Program to help fund all healthcare visits at the Flagship Program, which include the NY Children's Health Project and South Bronx Health Center. The program continues to deliver easily accessible and comprehensive medical, mental health, dental and case management services to thousands of underserved kids and their family members. Nearly all of the patients served by the New York Flagship Program live below the federal poverty line. These children have higher rates of chronic illnesses such as asthma, diabetes and depression. Despite having sicker patients, the program scored higher than the national average for commercially insured patients on six of eight measures of quality including the number of children immunized by the age of 3, the number of children with persistent asthma on an inhaler, and the number of children assessed for body mass index. In January through March 2018, the New York Programs provided care to 4,649 unique patients through 13,823 medical, mental health, and health education visits.

**Website:** [www.childrenshealthfund.org](http://www.childrenshealthfund.org)

## The Water Trust

**Mission:** The Water Trust (TWT) is a non-profit that teams with communities in East Africa to develop and implement sustainable access to clean water, improve sanitation and promote hygiene knowledge.

**Partner since:** 2008

**Description:** TWT partners with villages, schools and health centers in Uganda's Masindi and Kiryandongo regions to implement water and sanitation programs, build wells and latrines, and promote hygiene knowledge to fight disease. Since 2008, Deerfield has funded 70 water, sanitation, and hygiene projects with a hand dug well in villages and four in schools, benefitting approximately 21,000 people in East Africa.

**2017 Funding:** \$300,000

**Project Funded:** **Develop and test 2-3 approaches to enhance the capacity of communities to operate and maintain improved water sources, ultimately identifying a viable model that can be evaluated at scale by TWT and be replicated by other NGO's and governments.**

**Update:** TWT began technical assessments for construction in January. All technical assessments were completed in this initial period and contracts put out for bid for both construction and rehabilitation. It successfully implemented regular village coaching visits during this period, resulting in both improved water point sustainability and significantly more than 500 household hygiene facilities constructed.



Pilot Communities Result Update:

- TWT's evaluation shows that 94% of the self-help groups saved more than the \$70 needed for annual maintenance and repairs. This compares to 7% with the private utility pilot and 23% with the Water User Committee pilot.
- 19 of the 20 communities where the SHG model was introduced agreed to implement it initially and 18 agreed to continue the approach after they were trained on it. The two communities that did not accept the model had significant interfamily conflicts and objected to regularly meeting with feuding neighbors.
- 14 of the 20 communities where the private utility model was introduced continued with it for a full year, and four struggled with it significantly. This approach's success is highly contingent on the quality of the local entrepreneur the community selects and community dynamics.

TWT contracted a third-party firm in December to conduct more than 1,800 household surveys in self-help group villages and comparison villages that have received no intervention. A paper summarizing the results was written in the grant period and accepted for publication by the Water, Engineering and Development Centre at Loughborough University. The paper will be presented in Kenya in July.

**Website:** [www.watertrust.org](http://www.watertrust.org)

## Partners in Health - Haiti

**Mission:** Partners In Health (PIH) proves it is possible to provide high-quality healthcare in even the poorest corners of the world. Partnering with sister organizations, PIH has two overarching goals: to bring the benefits of modern medicine to those most in need, and to serve as an antidote to despair.

**Partner since:** 2008

**Description:** In collaboration with the Haitian Ministry of Health, and our sister organization Zanmi Lasante, PIH Haiti provides primary care services to vulnerable communities in Haiti's Central Plateau. It also supports 2 district hospitals and operates a tertiary teaching hospital, University Hospital Mirebalais. Zanmi Beni (ZB) was established as a home for vulnerable children after the 2010 earthquake in Haiti. ZB is now home to 64 children, all of whom were orphans and about half of whom are disabled. ZB provides a safe, stable, forever home in a nurturing environment where these children can thrive, grow and learn. ZB employs 125 local Haitian caregivers.

**2017 Funding:** \$200,000

**Project Funded:** Zanmi Beni Home, Haiti

**Update:** In 2017, Deerfield granted \$200,000 toward the operating budget of Zanmi Beni supporting the children's school attendance, private tutoring, and healthcare needs. Medical care at Zanmi Beni includes regular check ups, a vaccination program and physical therapy sessions. Currently, 38 children receive physical therapy three times per week and 26 children are attending private school. Additionally, 50 children are benefitting from onsite private tutoring. This academic year, the children have been enrolled in a new school that is further from ZB. While more costly, this school is pushing the children academically and providing them greater educational support.

In August 2017, ZB inaugurated its newly constructed dormitory on its campus. With 32 rooms, now 64 children and staff enjoy more spacious housing as the children grow older. The new dorm includes 6 bathrooms and a new space for physical therapy, which will be available soon for the children. PIH is working on a partnership to equip the physical therapy room with new equipment and adequate staff to ensure that all the needs are addressed for the 38 children who require these services.



**Website:** [www.pih.org](http://www.pih.org)

## Little Sisters of the Assumption

- Mission:** The Little Sisters of the Assumption Family Health Service (LSA), founded by the Little Sisters of the Assumption, strengthens and empowers vulnerable families and children by meeting their basic needs for food, healthcare, education and a safe home, in the belief that affirming families in their own dignity improves the entire community.
- Partner since:** 2008
- Description:** LSA is a neighborhood-based organization founded in 1958 that works with the people of East Harlem (New York) to address the physical, emotional, educational, and spiritual dimensions of family health. Its key programs include nursing, environmental health services, food pantry, parenting & child development services. The community it serves is one of the poorest in New York.
- 2017 Funding:** \$180,000
- Project Funded:** **Environmental Services Program**
- Update:** LSA's Environmental Health Services program addresses the environmental causes of asthma that can lead to overall poor health, emergency room visits, school absences, and ultimately landlord-tenant conflicts. The program's overarching goal is to help families modify housing conditions and household living habits that will improve indoor air quality, asthma symptoms, and overall health and wellbeing. In the 12 months ended March 31, 2018, Environmental Health Services made 220 home visits to 144 households.
- Project Funded:** **Maternity Outreach Program**
- Update:** The East Harlem neighborhood has the highest infant mortality rate in New York City. More than 10% of babies are born at low birth weight. The Maternity Outreach Program provides in-home nursing visits to high-risk mothers and their infants. The program's overarching goal is to ensure safe, healthy births and improve the well-being of these mothers and their babies by addressing their pre-natal and post-partum needs. In the 12 months ended March 31, 2018, the Maternity Outreach Program served 214 families with 984 nursing visits.



Photo by Micah Rubin / Courtesy of LSA Family Health Service

**Website:** <http://littlesistersfamily.org/>

## Covenant House

**Mission:** The Covenant House mission, since 1972 is to serve suffering children of the street and to protect and safeguard all children with absolute respect and unconditional love.

**Partner since:** 2012

**Description:** Covenant House is a leader in the effort to transform the lives of these homeless, trafficked and exploited youth in the United States, Canada, and Central America – providing emergency shelter and essential services to over 46,000 homeless youth annually.

**2017 Funding:** \$160,000

**Project Funded:** **I. Defray unreimbursed costs of medications, lab tests and medical supplies at the Wellness Center. II. Best Practices training for staff, focused on the principles of trauma-informed care, positive youth development and resiliency. III. Enhancement of the mental health programming, including the addition of clinical music & arts programming.**

**2018 Update:** Wellness Center: Youth are encouraged to visit the Wellness Center within their first few days at the shelter. 589 youth were cared for in 1,652 visits to the Wellness Center from November 2017 to March 2018. Most youth arrive without insurance, and while Covenant House NY (CHNY) can assist with the process of obtaining insurance, they offer medical services immediately without regard to insurance coverage. CHNY helps youth who may be suffering from asthma, diabetes, infections, HIV, prenatal needs, and more.

Best Practices: With Deerfield's help, CHNY is building a first-class professional development program. 265 staff members participated in recent trainings between November 2017 and March 2018 with one exciting opportunity provided by JKM Training, Inc., which provided a two-day Crisis Management training for 40 of CHNY's supervisors. The training, in a Train-the-Trainer model, focused on preventing and managing crisis events, including de-escalation and safe emergency intervention strategies for responding to aggressive behavior in the youth. The supervisors will implement the lessons learned while training their teams, in the context of the challenges that each team faces. Skill development sessions will continue monthly, using role play and discussion of incidents that may have occurred.

Mental Health: For youth with severe and persistent mental illness, CHNY's Mental Health and Supportive Housing Program (also known as the Psychiatric Day Program) is one of the few licensed on-site rehabilitation programs in New York City where mentally ill homeless youth between the ages of 17-21 can get free psychiatric counseling, medication management, and help with finding specialized, permanent housing. A portion of the Deerfield grant also supports the services of a Licensed Music Therapist at CHNY. The goal of the Music Therapist is to meet the youth where they are emotionally, empower them to express themselves, and make sure their story is heard. Music therapy sessions vary from young person to young person; the activities may involve a variety of musical and clinical interventions, including improvisation, song-writing, lyric analysis, and music education. The Music Therapy program served 35 individual youths from November 2017 through March 2018.



**Website:** [www.covenanthouse.org](http://www.covenanthouse.org)

## Muso

**Mission:** Muso’s mission is to eliminate preventable deaths in the world’s most impoverished communities.

**Partner since:** 2015

**Description:** Muso has designed a proactive health care system optimized to save lives by reaching patients early. The Muso model deploys three core components:

1. Proactive Search: Community Health Workers (CHWs) and community members search for patients through door-to-door home visits to connect them with care early.
2. Doorstep Care: CHWs provide a package of life-saving health care services in the home. These include family planning, newborn screening, and treatment for children with malaria, diarrhea, pneumonia, and malnutrition.
3. Rapid-Access Clinics: Muso removes point-of-care fees, builds infrastructure, and trains staff, so that government clinics can provide universal, early access to care.

**2017 Funding:** \$150,000

**Project Funded:** **Scaling Proactive Care to Rural Mali with an Embedded RCT**

**2018 Update:** Muso partners closely with the Malian government to deliver and test its Proactive Care model for rapid-access community health care delivery. In 2016-2017, Muso launched eight new sites in rural Mali, where it is testing the impact of Proactive Care with Malian government partners through one of the world’s largest community health studies. Since the rollout and launch of the embedded randomized, controlled trial, Muso’s rural operations now support 206 rural community health workers (CHW) who provider care to 125,000 patients across 137 villages. Since launching its first rural site in 2016, Muso has seen a ten-fold increase in patient visits, a trend which continues across the additional sites that have opened subsequently.



**Website:** [www.musohealth.org](http://www.musohealth.org)

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## Northside Center for Child Development

**Mission:** Northside Center for Child Development helps New York City's children rise-up and thrive through education, enrichment and mental health services.

**Partner since:** 2015

**Description:** Operating in Harlem since 1946, Northside provides mental health and educational services for disadvantaged children who have emotional problems, developmental delays, learning disabilities, and other challenges. The organization has provided services to more than 4000 of New York City's most vulnerable children and families. Northside operates its behavioral health clinic at 110<sup>th</sup> Street in Harlem, and also works with children and families in their homes, communities and schools. Northside's Clinic-in-Schools program brings therapeutic services on site to 10 New York City schools with high at-risk populations.

**2017 Funding:** \$150,000

**Project Funded:** **Telepsychiatry Program**

**2018 Update:** The innovative telepsychiatry program was initiated in 2016. Its goal is to expand the reach of the Clinic-in-Schools program using state-of-the-art telemedicine technology. The goal is to address the severe shortage of child psychiatrists in the area by increasing the number of children served per practitioner, and to reduce the significant no-show rate among children who previously had to travel to Northside's 110<sup>th</sup> Street center for psychiatric services. The program received all necessary licenses as of September 2017 and is now fully operational at three schools. Northside has delivered more than 1500 medication management/evaluation sessions through five psychiatrists under this program since receiving the 2017 grant from the Deerfield Foundation. Through telemedicine technology, the number of visits per day per psychiatrist has increased significantly.

**Website:** <https://www.northsidecenter.org/>

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## The Mott Haven Academy

**Mission:** The Mott Haven Academy Charter School is a high performing Charter School that empowers children in an educational environment which addresses and reduces the barriers to academic success through the integration of family support services with a rigorous, college-preparatory academic program.

**Partner since:** 2010

**Description:** Haven Academy is a Charter School located in the Bronx that aims to remove the barriers to academic success faced by children in the child welfare system.

**2017 Funding:** \$145,000

**Project Funded:** **Provide funding for transition to Electronic Health Records and primary medical care to students with in-house Primary Nurse Practitioner and Medical Clinic.**

**2018 Update:** With the launch of the middle school in August 2017, Nurse Joyce is serving older children who are entering adolescence which brings a host of new challenges including eating disorders, reproductive health and mental health. Nurse Joyce has been critical in enacting self-harm statement protocols and supporting families that require hospital stays. From the start of the school year, Nurse Joyce and a support nurse from the Department of Education have received 4,793 visits from Haven Scholars with nearly 10% of these visits were mental health related. Nurse Joyce has also begun implementation of the electronic health record ("EHR") system eClinicalWorks which will be launched for student use for the 2018-2019 academic school year.

**Website:** [www.havenacademy.org](http://www.havenacademy.org)

## Last Mile Health

**Mission:** Last Mile Health seeks to save the lives of women and children in Liberia’s most remote villages by improving community healthcare and removing critical barriers to healthcare access.

**Partner since:** 2014

**Description:**

- Since 2007 Last Mile Health (LMH) has pioneered a model Community Health Worker (CHW) system that is redefining rural healthcare delivery, deploying hundreds of community health workers in Liberia in partnership with the Liberian Ministry of Health and Social Welfare.
- LMH transforms local health workers into medical professionals that fight diseases such as diarrhea, pneumonia, malaria - the three highest risks to children in rural Liberia - and provide maternal care.
- CHWs deliver basic care and target over 75% of the disease burden that kills rural women and children.

**2017 Funding:** \$100,000

**Project Funded:** **To support a combined effort between Last Mile Health and the Government of Liberia to bring a CHW to every remote community in Liberia; specifically, to pay for a minimum of 200 additional Community Health Assistants in Rivercess County to sustain vital health services to 7,200 children under the age of five-years old, including care for pneumonia, malaria, diarrhea and malnutrition.**

**2018 Update:** LMH’s work over the past six months was shaped by several significant milestones in Liberia’s history. In January, Liberia achieved its first peaceful transition of power between democratically-elected presidents in several decades when Honorable George Weah assumed the seat of former President Ellen Johnson Sirleaf. Then in April, Liberia observed the decommissioning of the country’s long-serving United Nations peacekeeping mission, signaling progress toward sustainable peace and stability.

Amidst these transitions, LHM has sustained its support to the Ministry of health to expand the National CHA Program across 14 of Liberia’s 15 counties. Since September 2017:

- 2,883 CHAs and 355 clinical supervisors have been fully trained
- 68,078 malnutrition screenings conducted
- 314,128 routine household visits and 30,555 pregnancy home visits conducted
- 56,799 cases of malaria, pneumonia, or diarrhea treated in children under five



LMH Community Health Academy recently launched a small-scale assessment in Rivercess County to explore the feasibility of providing CHAs with digital Continuing Clinical Education (CCE) resources that reinforce key concepts from the National CHA Program curriculum. Integrated into the smartphones that CHAs in Rivercess are already using to collect data on patient interactions, this project aims to improve the quality of care that CHAs provide. The content that CHAs have received is currently focused on diagnosing and treating pneumonia. The Academy plans to use learning from this assessment to inform the development of a CCE platform that will be made available for other governments to adapt and scale.

**Website:** [www.lastmilehealth.org](http://www.lastmilehealth.org)

## Medic Mobile

- Mission:** Medic Mobile designs, delivers, and supports world-class software for health workers who provide care in the hardest-to-reach communities.
- Partner since:** 2016
- Description:** Medic Mobile takes advantage of cellular phones in the developing world as a platform to deliver software that enhances coordination, efficiency, monitoring, and optimization of healthcare interventions provided by other NGOs. In this way, Medic Mobile amplifies the impact of its partner groups that provide healthcare in under-resourced communities around the world.
- 2017 Funding:** \$100,000
- Project Funded:** **Supporting a Path to Scale: Government Adoption of Mobile Health in Nepal**
- 2018 Update:** In 2017, Medic Mobile began to further scale up its existing partnership with the Nepal Ministry of Health by implementing its toolkit in three additional districts: Banke, Baitadi, and Kanchanpur. In these districts, Medic Mobile's tools support female community health volunteers (FCHV) in antenatal and postnatal care coordination, and maternal and infant death reporting workflows. By the end of Q1 2018, Medic Mobile trained a total of 1,480 FCHVs, achieving 61% FCHV coverage in those districts. Medic Mobile aims to complete full coverage of these districts by the end of May 2018 and have additional districts targeted for launch in June 2018. Nepal Telecom, the state-owned mobile network operator, has already committed free SIM cards for FCHVs. Medic Mobile also currently serves as a member of the National eHealth Technical Working Group, which is working to operationalize Nepal's overall eHealth strategy.



Photo: © 2018 Medic Mobile photo archives

**Website:** [www.medicmobile.org](http://www.medicmobile.org)

## Village Health Works

**Mission:** Village Health Works (VHW) seeks to provide quality, compassionate health care in a dignified environment while also treating the root causes and social determinants of illness, disease, violence, and neglect.

**Partner since:** 2015

**Description:** VHW focuses on treating illness through primary health care services and uses its community engagement to expand that care through community development programs. These programs focus on sustainable agriculture, education, and gender-based violence prevention. Its dedicated clinical team, community health workers, and birth monitors also provide invaluable follow-up and wider community health advocacy efforts.

**2017 Funding:** \$100,000

**Project Funded:** **Life Saving Access to Blood Transfusions in Kigutu, Burundi**

**2018 Update:** Deerfield’s investment provides the funds for VHW to build and equip a blood bank at its clinic in order to provide local Burundian community members with safe and critically needed blood transfusions. Since funding in 2017, VHW has worked on drafting a memorandum of understanding between the Ministry of Health’s National Center for Blood Transfusion and VHW. This agreement, which is awaiting final signatures, specifies the collaboration to educate the population on blood donations, jointly run dedicated blood collection campaigns, clarify testing and storage protocols and create specifications for VHW’s contribution to national bank stores.



Along with the memorandum, VHW has reviewed operational planning to determine patient flow, training needs, and how best to optimize the blood bank infrastructure design. Additionally, it hopes to off-set the rise in material costs by in-kind support from the Ministry.



The blood donation and banking center officially broke ground on April 24<sup>th</sup> and VHW hopes to complete construction by September. Following its completion, VHW will install equipment, quality controls, and implement community education and blood donation campaigns. By December 31<sup>st</sup>, VHW hopes to have blood donation, testing, banking, and transfusion protocols operational for routine.

**Website:** [www.villagehealthworks.org](http://www.villagehealthworks.org)

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## Lwala Community Alliance

**Mission:** Build the capacity of rural communities to advance their own comprehensive wellbeing.

**Partner since:** 2017

**Description:** Lwala Community Alliance (Lwala) is a community-led innovator proving that when communities lead, change is drastic and lasting. Lwala was founded by a group of dedicated Kenyans facing the dual crisis of HIV and high maternal mortality. It organized and donated community land and resources to build their region's first health clinic and engaged the research prowess of Vanderbilt University to vigorously measure its interventions. Today, Lwala is much more than a hospital – it is a unique community-led health model that has resulted in dramatic improvements in health outcomes, including a 64% reduction in under-5 mortality, a 97% skilled delivery rate, 300% increase in contraceptive uptake, and virtual elimination of mother-to-child transmission of HIV.

**2017 Funding:** \$80,000

**Project Funded:** **Every Child: Strengthening Health Systems to Reduce Maternal and Child Mortality**

**2018 Update:** By the end of 2018, this project will result in scaling a community-led health model to six facilities in Migori County, representing 60,000 people. This will lead to a “county model” in Migori County, which represents 1 million people, utilizing a four-pronged approach: Community Committees, Community Health Workers, Health Center Support and Data. So far, since the grant began in November 2017, Lwala has:

- Provided high quality care to 4,446 mothers and 6,438 children through our community-based maternal and child health program
- Maintained a skilled delivery rate of 98% and immunization rate of 96%
- Treated 1,075 children for malaria, 899 in the facility and 176 in the community.
- Provided 3,867 couple years of protection by providing 217 intra-uterine devices, 1,030 implants, 718 injections, and 97 birth control pills.
- Cared for 1,213 individuals with HIV through community-based HIV and WASH integrated programs and 50 infants graduated from the elimination of mother-to-child transmission of HIV (EMTCT) program after testing negative at 18-months.

So far in 2018, 65 mother-child pairs have been enrolled into the elimination of mother-to-child transmission program for graduation this November. The HIV patient default rate has remained below target of 10% for the entirety of the grant period. As of January 2017, Lwala had cut under-5 deaths by 64% of the regional average – 29.5 deaths per 1,000 compared to 82 per 1,000. This metric will be measured again in late April, as it conducts periodic cross-sectional household surveys. In addition, to this direct service delivery, Lwala is also working on health system changes through:

- Global Engagement – Lwala joined the Community Health Impact Coalition. This collaborative cohort includes peer organizations Last Mile Health, Living Goods, Partners in Health, and Muso. The goal of the coalition is to influence global standards around community health and collaboratively support national governments to implement evidence-based practices.
- National Influence – At the national level, Lwala is part of the Maternal Neonatal Health Working Group, focused on improving provisions of these services across Kenya.
- Regional Advice – At the regional level, Lwala is part of the Inter-County Coordination for Human Resources for Health team, a regional technical working group of several counties in the Lake Victoria Region which represents ~8 million people.
- County Model – At the County Level, Lwala is also directly supporting Migori County in the process of creating its next Strategic Plan.

**Website:** [www.lwalacommunityalliance.org](http://www.lwalacommunityalliance.org)

## IVUmed

**Mission:** IVUmed is committed to making quality urological care available to people worldwide.

**Partner since:** 2012

**Description:** For over 20 years, IVUmed has worked to increase access to quality urological care worldwide. IVUmed provides hands-on surgical training, classroom instruction, and remote telehealth consultation to provide urological and surgical care services to resource-poor areas in the world. Its programs address conditions that are startlingly common but often left untreated due to the lack of expert training. By working in teaching hospitals in collaboration with international medical associations, programs are built to be sustainable for generations of healthcare providers.

**2017 Funding:** \$75,000

**Project Funded:** **Building Sustainable Access to Surgical Care for Children Worldwide**

**2018 Update:** During the grant year, IVUmed has provided care to 196 patients while training 79 doctors and nurses. Each surgeon trained will potentially impact thousands of lives in the years to come by serving more patients in their communities with greater surgical outcomes.

A noted weakness in the past in measuring and evaluation is being addressed. IVUmed has piloted an effort to conduct onsite audits of the records and case logs at their partner institutions. From an audit of its records in 2017, IVUmed discovered a 300% improvement in surgical outcomes among cases performed by partners in Dakar, Senegal. The second phase of the measurement and evaluation plan is to streamline the data collection process for all of their program sites. IVUmed partnered with the Eccles Graduate School of Business at the University of Utah and the Sorenson Impact Center to develop a data reporting and analysis tool. This simple online form provides an accessible way for its partners to report their cases, so it can continue to track the ways in which they put IVUmed training to use.



During the current grant year, IVUmed conducted surgical training workshops in: Mount Hope, Trinidad; Bhopal, India; Monterrey, Mexico; Port au Prince, Haiti; Cap Haïtien, Haiti; Dakar, Senegal; Ulaanbaatar, Mongolia. Upcoming Program Activities include San Fernando, Trinidad; Harare, Zimbabwe; Hue, Vietnam; Maputo, Mozambique; Mbale, Uganda; Kumasi, Ghana; Dakar, Senegal; West Bank; Bhopal, India; Ulaanbaatar, Mongolia; Kigali, Rwanda; Wad Medani, Sudan

**Website:** <https://www.ivumed.org/>

## St. Boniface

**Mission:** The St. Boniface Haiti Foundation (SBHF) is dedicated to providing essential health services to the people of Southern Haiti, especially the most vulnerable. SBHF is committed to building a comprehensive, efficient, and resilient health system that provides high quality care. SBHF believes that ensuring access to life-saving and life-changing health services is a critical component to building strong and productive communities.

**Partner since:** 2016

**Description:** Haiti lags in almost every key pediatric health indicator, with the highest infant mortality rate, the highest under-five mortality rate, and the highest prevalence of undernourishment in the Western Hemisphere.

St. Boniface Hospital is southern Haiti's only affordable, reliable, and comprehensive surgical program. By sustaining a robust health care system, SBHF works hard to create solutions to the problem of difficulty in accessing care. This difficulty results in children coming to health facilities with advanced stages of illness.



**2017 Funding:** \$75,000

**Project Funded:** **Pediatric surgical and hospital supplies to support pediatric services at St. Boniface Hospital (in Fond-des-Blancs) and the Villa Clinic**

**2018 Update:** From November 1, 2017 through March 31, 2018:

- SBHF's surgical team performed 139 surgeries for children under 15 years of age.
- SBHF is on track to exceed its goal of providing critical surgical care to 271 pediatric patients over one year.
- 29 children were treated at the SBHF's inpatient nutritional care program, the Nutritional Stabilization Unit (NSU). 55 children benefited from SBHF's community-based malnutrition program where community health workers and nurses monitor progress and provide weekly supplementary nutritional assistance.
- SBHF's hospital-based outpatient clinic for moderate acute malnutrition (MAM) saw 18 children under five years of age.

The SBHF surgical team has made significant strides in decreasing pediatric surgical infections and complications, and therefore mortality, by knowing what complications are common and planning to address those complications early on.

St. Boniface Hospital and the Villa Clinic have provided 5,004 and 870 pediatric consultations, respectively. SBHF is on track to meet their goal of seeing 14,960 pediatric patients over one year.

In April, SBHF will open its renovated and expanded pediatric ward at the hospital and is anticipating a 50% increase in the number of pediatric hospitalizations following completion.



**Website:** [www.haitihealth.org](http://www.haitihealth.org)

## Coalition for the Homeless

**Mission:** The Coalition for the Homeless is the nation’s oldest advocacy and direct service organization helping homeless men, women and children

**Partner since:** 2011

**Description:** The organization has become a major advocate for homelessness and the rights of men, women and children living on the streets of NYC. It not only provides food and blankets, but also aids in eviction prevention, crisis services and individual advocacy to navigate the bureaucracy of the City, working to provide solutions that show that housing-based solutions cost less than stopgap measures., mostly by helping the homeless find permanent housing.

**2017 Funding:** \$70,000

**Project Funded:** **Child advocate to assist homeless families in NYC**

**2018 Update:** The sustained levels of near-record homelessness in New York have resulted in an ongoing capacity crisis in the system. Only around 40% of homeless families applying for shelter are deemed eligible at their initial application. There have, however, been some positive developments in the shelter system over the past year. Notably, the City has begun to reduce its use of cluster site shelters (blocks of apartments rented by the City from private landlords for use as shelters). The Coalition has long advocated for an end to the use of cluster sites, given the high frequency of unacceptable living conditions. Ultimately, the only long-term solution to family homelessness is the creation of more affordable housing for New Yorkers with the lowest incomes. The Child Advocate funded by the Deerfield Foundation is a critical safeguard to protect them and their children from being cast to the streets or taking refuge in dangerous and inappropriate settings – outcomes that put children at tremendous risk. The Child Advocate served 488 households – including 659 adults and 817 children – during the six-month period from October 2017 to April 2018. This puts the Coalition well ahead of schedule toward meeting the goals of serving 550 households and 1,000 children for the Foundation year.



Photo by the Coalition of the Homeless

**Website:** <http://www.coalitionforthehomeless.org/>

## Jacaranda Health

**Mission:** Transform maternal healthcare in East Africa with high-quality, low-cost, and respectful maternity services.

**Partner since:** 2017

**Description:** Jacaranda Health aims to make pregnancy and childbirth safer for women and newborns by transforming maternity care in East Africa. Jacaranda builds private maternity clinics in peri-urban areas and are innovating to provide patient-centered care that combines quality and affordability.

**2017 Funding:** \$50,000

**Project Funded:** **Group Antenatal Care: A Low-cost Innovation to Improve Birth Outcomes for Women in Kenya**

**2018 Update:** Jacaranda Health's goal is to design and test a model for delivering Group ANC that can be scaled up in Kenya's public facilities, where 80% of facility-based childbirth occurs. It has started designing and implementing group antenatal care at two public hospitals in peri-urban (urban space or outskirts) Nairobi. In January and February 2018 it implemented a Monitoring & Evaluation (M&E) framework by conducting rapid patient interviews at the facility to understand perspectives and gain insight from the expectant women. In March 2018, it adapted the group ANC curriculum by conducting facility engagement workshops to gain buy-in from facility administration and frontline workers. It is in the process of forming test groups within the facility to pilot the program and measure feasibility, modify and refine the curriculum, if needed. Recruitment began in April at both facilities and it aims to recruit 30 women per facility for the first group. In July the launch of the facility led Group ANC sessions will begin and 10-12 groups will be formed and in progress through December 2018.



**Website:** [www.jacarandahealth.org](http://www.jacarandahealth.org)

## Many Hopes

- Mission:** Many Hopes is rescuing, raising and educating a generation of children; providing them with loving homes, comprehensive healthcare, and excellent education. We believe that children who have suffered injustice are the most powerful agents to defeat the causes of that injustice.
- Partner since:** 2015
- Description:** Many Hopes rescues children from situations of abuse. It provides them with loving homes and excellent schooling complete with the physical, mental and emotional healing of the whole child necessary for them to excel.
- 2017 Funding:** \$50,000
- Project Funded:** **Healthy Children at Home & School: Physical, nutritional, and mental health services for 58 children in our 4 girls' homes and 176 girls and boys in our new elementary school in Kenya for one year.**
- 2018 Update:** Many Hopes has two main goals in their program: 1) physical and nutritional health and 2) mental and emotional health. Children are evaluated and treated for malnutrition, illness, or injury as the result of conditions caused by lack of shelter, food and clean water or as the result of trauma or abuse. All the girls in the homes have experienced physical and/or sexual abuse. Prior to joining the Many Hopes family, they had no access to medical care. The students from families living in extreme poverty have had limited diets and nutrition and little or no access to medical care. They are also evaluated for emotional health and treatment as the result of experiencing or witnessing trauma or abuse. The children in the homes enter with emotional trauma because of the abuse they have suffered. Before coming to Many Hopes, they had no access to counseling or emotional/mental health care. Students living in families in extreme poverty may have undiagnosed and untreated psychological or emotional health issues. In the Many Hopes home, 58 former street girls were provided with preventative care, health exams, medical treatments, psychosocial support and psychological counseling. 90 children attending the Many Hopes school were provided 3 nutritious meals a day at home and 2 nutritious meals a day at school. The Deerfield Foundation Grant from November 2017 to April 2018 has provided care for 93 of the 148 children in the program.



**Website:** [www.manyhopes.org](http://www.manyhopes.org)

## Mifanmama

- Mission:** Mifanmama's mission is not only to offer life necessities to orphanages across China but also to help children to develop life skills and become independent and to live happy and fulfilled lives.
- Partner since:** 2016
- Description:** Mifanmama has been engaged in children welfare since 2008 and has been instrumental in providing basic needs, for disabled and visually challenged, rural orphans and poor. It has also been fostering blind orphans at its Shining star kindergarten to college.
- 2017 Funding:** \$50,000
- Project Funded:** **Eye care outreach program**
- Update:** Mifanmama has continued its efforts to help prevent blindness in children and youth in rural areas of China and their eye care outreach program expanded to benefit new regions within China. More communities are requesting the program be set up in their area and are having Eye Test Camps of their own in order to help prevent and/or treat those with eye issues. Greater funding has enabled the organization to work with more hospitals and doctors to help treat patients as well as afford better supplies and resources to further their efforts. A greater number of children have been able to get the treatment they need and more school officials, parents, and community members are learning how to take measures to treat and to prevent blindness and other eye related problems from developing. Mifanmama hopes to further reduce blindness in China and expand its eye care outreach program to other areas of the globe with continued funding from the Deerfield Foundation and other contributors.



**Website:** <http://www.mifanmama.com>

## Réseau Des Entrepreneurs Solidaires (RES)

**Mission:** RES is an international volunteer organization that fights against poverty by supporting secluded people directly in under-developed countries.

**Partner since:** 2015

**Description:** RES was founded in 2005 based on the principal of gratitude. 100% of the donations given to RES go directly to the poor since RES is a volunteer-based organization with no salaried employees.

**2017 Funding:** \$50,000

**Project Funded:** **Deerfield RES Madagascar Y3**

**2018 Update:** This project will support 31 medical centers and dispensaries run by 10 religious congregations across the island of Madagascar. The project pertains to providing medicine and small medical gear as ordered directly by the nuns from the list provided by the supplier, Pharmacie Humanitaire Internationale (PHI). Based out of Nimes (South of France), PHI orders medicine from various French pharmaceutical companies, collects and packages them, and delivers them to Aviation sans Frontieres (ASF) at Orly airport (South of Paris). The 280 boxes (9 boxes per center) will be flown to Tananarive, Madagascar where the nuns will pick them up and distribute them amongst the 31 different centers they serve. As of April 30<sup>th</sup>, 2018, seven out of the 31 orders have been delivered to their respective centers and the remaining 24 orders should be delivered no later than the end of June 2018.



**Website:** [www.entrepreneurs-solidaires.ch](http://www.entrepreneurs-solidaires.ch)

## Sustainable Health Enterprises (SHE)

**Mission:** Sustainable Health Enterprises (SHE) is a social enterprise whose mission is to invest in people and ideas that are typically overlooked (and often taboo) to drive social and economic change.

**Partner since:** 2017

**Description:** SHE28's focus is on providing a sustainable response to the global lack of affordable menstrual products that causes girls and women to miss school and work. SHE also provides education and training on menstrual health to teachers and community members.

**2017 Funding:** \$50,000

**Project Funded:** SHE28

**2018 Update:** SHE28's objective is to address the lack of access to pads and education while applying a holistic approach that incorporates technology, distribution and education programming. SHE nearly doubled its reach in Rwanda in the last year (2017), and it continues to build a more efficient production process to reach more women and girls. SHE has expanded its presence in schools and shops in the Eastern and Western provinces of Rwanda and plan to focus expansion in rural areas in the Northern province this year (2018). One important factor in its growth is that over 11,000 women and girls now have access to go! pads in a retail setting, increasing their retail presence over threefold during the year. This is evidence of the sustainability of SHE's model as well as consumer uptake of go! pads. By the end of March 2018, SHE expanded access to affordable menstrual pads to **26,555** women and girls, selling over **400,000 go!** pads. SHE has trained and equipped two new farming coops since November 2017, meaning **865** farmers (44% more) are currently earning an increased income. SHE has trained **6,850** people on awareness of menstrual hygiene, as well as **165** teachers on how to educate their students regarding menstrual health.



**Website:** [www.sheinnovates.com](http://www.sheinnovates.com)

## 2017 Investment Summary

Organization	Funding	Organization	Funding
Possible Health	\$600,000	Village Health Works	\$100,000
Living Goods	\$500,000	Lwala	\$80,000
Children's Health Fund	\$400,000	IVUMed	\$75,000
The Water Trust	\$300,000	St. Boniface	\$75,000
Partners in Health Haiti	\$200,000	Coalition for the Homeless	\$70,000
Little Sisters of the Assumption <i>(Includes \$50,000 contribution outside of project grant)</i>	\$230,000	Jacaranda	\$50,000
Covenant House	\$160,000	Many Hopes	\$50,000
Muso	\$150,000	Mifanmama Foundation	\$50,000
Northside Center for Child Development	\$150,000	Réseau des Entrepreneurs Solidaires	\$50,000
Mott Haven Academy	\$145,000	SHE	\$50,000
Last Mile Health	\$100,000	The Family Center <i>(contribution outside of project grant)</i>	\$25,000
Medic Mobile	\$100,000		
<b>Total Investments</b>			<b>\$3,710,000</b>

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