

# JUNE 2011 UPDATE

**INSIDE THIS ISSUE:**

<i>Children's Health Fund</i>	1
<i>Busoga Trust America</i>	1
<i>2010 Funding Allocations</i>	2
<i>Partners in Health - Pediatric Care in Haiti</i>	2
<i>Medical Home at Mott Haven Academy, S. Bronx</i>	3
<i>Little Sisters: Asthma in East Harlem</i>	3
<i>The Family Center</i>	4
<i>Healthy Lifestyles in East Harlem—G.O.A.L.</i>	4

The Foundation has formed 11 partnerships and donated over \$4.5 million for the advancement of children's health in its four years! From giving access to safe drinking water in Uganda to creating a medical home for children in the under-served community of the South Bronx, this newsletter highlights the impact that our contributions have had on children's lives.

## CHILDREN'S HEALTH FUND

The Foundation's 2010 grant to the Children's Health Fund's (CHF) has been instrumental in expanding the capacity of the CHF's New York programs in two important ways. First, the Foundation played an important role in the construction of the new Center for Child Health and Resiliency at the South Bronx Health Center (SBHC). This new facility will expand the capacity of the SBHC by 50% and is specifically targeted to address the issues caused by the chronic stress often associated with extreme poverty (e.g., lack of food, domestic violence, housing instability). As of April 1st, 8 new staff members have been hired, including two pediatricians, a women's health provider, a psychiatrist, an associate nursing manager and a patient care technician. The ribbon-cutting ceremony was held on May 23rd.



Second, the Foundation's grant continues to support the Deerfield Child and Family Health Clinic's operations as part of the NYCHP mobile clinics to serve patients from homeless shelters. In 2010, the Clinic served 955 patients through 2,315 patient health visits and is on track to exceed these metrics with having served 474 patients through 943 health care visits in Q1

2011. To increase capacity in 2011, the Deerfield Clinic began providing services two Saturdays per month to accommodate the growing number of patients and expanded its visibility by working with new community partners, referral agencies and shelters.

Furthermore, the Foundation's grant will also support the launch of a new NYCHP mobile dental clinic in May 2011. A pediatric dentist and a mobile dental team have already been hired. The full-time dental program will include preventive, restorative, rehabilitative, acute dental care, and oral health education. This dental clinic is expected to serve approximately 1,380 patients through 2,070 oral health care visits in its first full year of operations.

## BUSOGA TRUST AMERICA: WATER ACCESS IN UGANDA

Busoga just concluded a very successful year ended March 2011 completing 25 hand dug wells in rural villages and 3 school based projects (water tanks and latrines). The production target had originally been set at 20 but with fundraising success in the US and smoothly running operations in Masindi they increased their production capacity during the March quarter. The 9th and 10th Deerfield wells funded with the 2010 Grant are expected to receive their pumps on Monday

May 9th. Three of the school based projects are complete

another 3,000 Ugandan Children and their families are



benefiting from clean water and improved sanitation and hygiene practice as a direct result of the Deerfield's 2010 grant to Busoga Trust. Busoga is planning to focus efforts in the coming year on village based well projects and study the results of the Deerfield funded pilot program in schools. Their evaluation of the program next year will include recommendations for proceeding with additional school based interventions.

and the work ongoing at the fourth is expected to wrap up later this month. With that,

### Deerfield Foundation

#### Annual Board Meeting

July 13th, 4:15pm

780 3rd Ave, 38th Floor  
Large Conference Room

## RECAP OF PROJECTS FUNDED IN 2010

Organization	Project Title	Location	Amount
Children's Health Fund	Deerfield Child & Family Health Clinic	South Bronx	\$340,000
	South Bronx Clinic Expansion		\$154,000
Partners in Health	Supporting Pediatric Care in CMCC	St. Marc and PRA, Haiti	\$235,000
The NY Foundling	Health & Wellness Program	Mott Haven Academy, South Bronx	\$135,000
The Family Center	Deerfield Health & Wellness Initiative	New York City	\$125,000
Little Sisters	Environmental Health—Asthma	East Harlem	\$120,000
Busoga Trust America	Ten Village Wells	Uganda	\$60,000
	WASH School Project—Sanitation & Hygiene Program (4 schools)		\$40,000
G.O.A.L.	Healthy Lifestyles Education Program	East Harlem	\$13,860
<b>Total</b>			<b>\$1,222,860</b>

### PARTNERS IN HEALTH: PEDIATRIC CARE IN HAITI

In July 2010, Deerfield Foundation committed \$235,000 in support of pediatric care in St. Marc and Petite-Rivière-de-L'Artibonite. The foundation's investment in Haiti totals \$1,385,000 since 2008 including support from the Foundation and Deerfield employees after the devastating earthquake struck Haiti in January, 2010.

Deerfield's support has allowed for PIH to not only consistently provide comprehensive primary health care to children living in the lower Artibonite of Haiti but it has also allowed PIH to nimbly respond to major humanitarian disasters such as the cholera outbreak in October 2010.

#### **Pediatric Care in St. Marc and Petite-Rivière-de-L'Artibonite**

PIH works in the Artibonite Region of Haiti, supporting catchment areas of 320,000 in St. Marc and Petite-Rivière - the site of the Deerfield Foundation's original investment in maternal and child health through the support of the construction of operating suites in

which emergency obstetrical care could be performed.

Approximately 30% of the patients treated are between the ages of 0-14. In Haiti, poverty drives poor health outcomes and children are particularly vulnerable; many children in poor Haitian communities do not live to see their fifth birthday. To



combat this, PIH provides a full range of clinic and community-based care for children throughout Haiti. PIH's comprehensive primary health care model includes vaccinating children against polio, measles, hepatitis, the flu, and other diseases to which children in poverty are particularly vulnerable, as well as providing care for conditions like pneumonia, malaria and diarrheal disease - the common childhood illnesses that are the leading causes of death for chil-

dren under five in Haiti. PIH also ensures that children have the full range of essential medicines such as antibiotics and medicines for chronic disease such as HIV and TB. Lastly, PIH provides care and treatment for children suffering from malnutrition -and works with their families to help them increase food security. PIH expects to record over 31,000 pediatric visits in these locations by June 30.

#### **Pediatric care in the wake of cholera**

With over 2,000 acutely ill from a cholera outbreak, the UN declared a national emergency and epidemic in the lower Artibonite region of Haiti. Cholera has not been present in Haiti since 1960, indicating that public health conditions continue to deteriorate due to lack of basic water and sanitation facilities. PIH responded quickly, collaborating to establish the first Cholera Treatment Centers in St. Marc and across the rest of Central Haiti. Additionally, PIH began mass community education efforts about cholera, its treatment, prevention, infection control, and anti-stigma information.

### MEDICAL HOME AT THE HAVEN ACADEMY

Deerfield's funding of the Mott Haven Academy Charter School Medical Home Program has been a significant first step in implementing a coordinated school health program. While the search for the ideal candidate took slightly longer than expected, the Haven Academy hired its Pediatric Nurse Practitioner in early February. Her background caring for children with various health conditions and working with families from all socioeco-

omic backgrounds was a perfect fit. The PNP began providing school-wide nursing services to its 177 Haven Academy students. This entails providing as needed focused physical assessments, first aid care, and serving as a resource to students and families. And the response was overwhelming. In under two months, the PNP recorded 609 visits, or an average of 87 students per

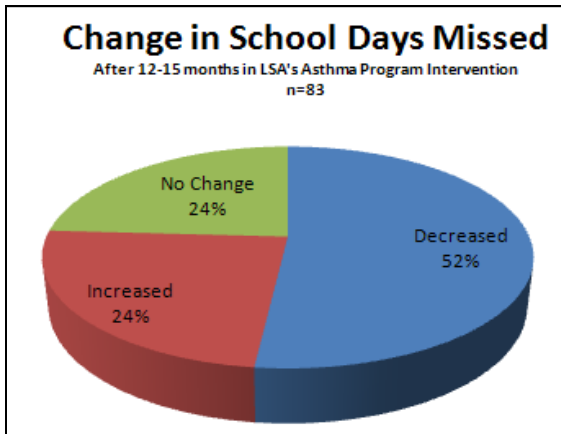
day. Overall, these visits include physical examinations, treatment for lice, ringworm, and strep throat infection and daily medication administration and monitoring for students with chronic condition. It is worth noting that in early March, the Academy rolled out its dental program to all kindergartners. Close to half of the students enrolled with many others expected to join by the start of the next school year.

### LITTLE SISTERS: ASTHMA IN EAST HARLEM

Little Sisters of the Assumption Family Health Service (LSA's) asthma program has been in existence since 2001 and Deerfield Foundation is completing its third year of funding LSA and first year funding this specific program. LSA is one of NYC's frontrunners in recognizing the correlation between certain housing conditions and child-related asthma problems which has been increasing dramatically especially in East Harlem. A recent report on the impact of LSA's program, comparing pre- and post-enrollment information for 83 clients with at least 12-15 months between assessments, showed a significant increase in quality of living. There was a marked decrease in school days missed (52% decrease), ER visits (52% decrease), and urgent care visits (42% decrease). See charts.

been referred to LSA for severe asthmatic problems. It currently is serving 73 children and their families. The needs are still overwhelming in the area and therefore LSA is working to identify asthma cases with their partner organizations such as EHACE, the Mount Sinai Medical Center Pediatric Emergency Department, the Institute for Family Health as well

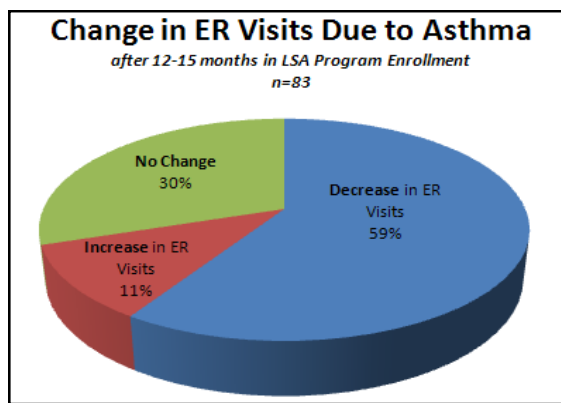
of Deerfield Foundation's board visited two homes where LSA's staff is working to educate families on asthma and working to reduce the exposure to asthma triggers such as mold. One family in public housing on E 104th Street had mold covering an entire hallway and one full wall in the bathroom. Our visit coincided with their oldest child's third birthday who had been taken to the emergency room three times for asthma. His mom said after LSA's intervention her son's asthma attacks have lessened in frequency. When the family initially filed the issue with the housing authority, they were told that they would have to wait 1 year for the work to be completed. (In this regard, as of October 2010, the New York City Housing Authority "had 106,000



LSA and the NY Academy of Medicine has now received federal recognition and the Department of Housing and Urban Development has awarded them a \$549,000 grant over three years to fight asthma in East Harlem's public housing facilities. The funding starts in August after the grant period for Deerfield Foundation's \$120,000 grant is completed. The funding will only cover public housing, leaving a gap where private funding is needed. The program works with families whose children have

as presenting at various health fairs, charter schools, and other community-based organizations. In May, three members

unfulfilled work orders, 9,000 of which were scheduled for 2012 and an additional 300 already for 2013." (NYT 24 Oct 2010.) This is where LSA's work is vital - they



work to advocate for families in such situations and help them write letters to the appropriate authorities to have the root causes of the issues addressed. In the meantime, LSA Community Health Workers alleviate the affects of the mold with air cleansers, vacuums and air filters, by containing the affected areas, and by providing parent education.



Home of child with asthma & bed bug infestation. Father was trained by LSA staff on how to control bed bugs without using ineffective and harmful pesticides



Receiving the HUD grant on May 9th (L-R): US Rep. Charles Rangel; LSA's Ray Lopez, Dir. of Env. Health; Margarita Lopez, NYCHA; Jo Ivey Bufford, President of NYAM; Adolfo Carrión, Regional Director, HUD; John Rhea, Chairman, NYCHA; NYC Councilwoman Melissa Mark-Viverito; and John Gant, HUD, Office of Healthy Homes and Lead Hazard Control.

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2010-2011

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## THE FAMILY CENTER

As of April 19th, the Center had conducted full health assessments for 76 children in families that it serves. The outreach staff that recruits families with children in need of assessment has recently scaled up their efforts and the Center expects to have evaluated the health of 125 children before July 30. The Center's Research and Evaluation Manager, Dr. Warren Reich, has analyzed data collected through these assessments to directly inform its interventions. Based on this larger corpus of data, it was learned that 23% of children receiving care from the Center have visited a hospital emergency room in the previous six months, and that 12% of parents and caregivers express a desire for a new pediatrician. The Center's Community Health Nurse, Healthcare Education and Access Team (HEAT) and early childhood specialists have used the data to explore potential interventions that can help families accurately identify medical emergencies and minimize the need for emergency medical care. Similarly, their medical case

managers are reaching out to those specific parents and caregivers unhappy with their child's primary care physician to help them identify care issues, improve communication with their providers and, when needed, provide linkage to a new pediatrician.

In response to the reported findings reported in Nov '10, that 20% of the children in the families served by the Center watch TV, videos, or use the computer 4 or more hours daily; 1/4 get less than an hour of physical exercise daily; and 42% of children drink juice or soda daily, the Center leveraged the Foundation's grant along with a grant from the Office of Minority Health to develop a Health Fair as part of its health education series, Knowledge Improves Daily Survival. The Fair included food-based arts and crafts for the children, who had received training in nutrition education by our health educators. The Center's HEAT staff conducted a workshop for parents and caregivers on portion con-

trol and reading the labels of food packaging to determine nutritional content. Adults at the Fair also benefited from a presentation on diabetes symptoms, treatment and prevention. The NYC Department of Health also sent a dietician guest speaker to conduct a practical health education workshop on incorporating more fruits and vegetables into the family diet.

Some findings remain consistent from both analyses and the Center continues to intervene in these areas. Approximately 30% of HIV-affected children that were assessed do not meet basic developmental milestone whereas the national prevalence of developmental delays among children is just 2-4%. To address this need, the Center's early childhood specialists have developed a number of workshop series, including play therapy groups, sign language classes, and family yoga and movement lessons.

## HEALTHY LIFESTYLES IN EAST HARLEM - G.O.A.L.

The G.O.A.L. Healthy Lifestyles program at P.S. 171 in East Harlem has been in full swing throughout the 2010-2011 school year as 80 kids from the school have participated in over 60 individual cooking sessions as part of their



after-school program. The kids showed-off their culinary talents at their 2nd Annual Healthy Lifestyles Fair on May 14th. The fare gave them the opportunity to cook for family and friends and to combine their skills and education with a day of fun and teamwork in the kitchen.

The positive impact from the director, Bryan Powell, and the chefs from Silvia Center shows through the excitement the kids have in the kitchen as they whip up a variety of dishes. The chefs

involve all of the kids in the complete process of choosing ingredients, preparing the ingredients for cooking, proper cooking techniques and a discussion around natural, healthy eating habits versus the detrimental effects of too much sugars, fast food and non-nutritional snacks and meals. They then reap the rewards of their hard work as they all sit down and enjoy a healthy meal together. Importantly, the kids are encouraged and thrilled to bring their recipes home to cook for their parents and siblings, thus sharing the knowledge they have learned.

East Harlem has been identified as having the highest

concentration of childhood obesity throughout all of New York City. This school-based early intervention program results will positively influence their long-term health. The establishment of a pattern of successful student behavior in primary school has been shown to correlate to the increased probability of success in succeeding school years. Paramount to the quality of students' lives is their health. The hope is that healthy lifestyles education will aid students in their personal health and wellness which will lead to a positive view of their personal future.

### Vegetable Pancakes - Serves 4

Ingredients:

About 1 1/2 pounds grated vegetables (potatoes, carrots, squash) peeled first if necessary (3 cups packed), and squeezed dry  
1/2 small onion, grated; or 4 scallions  
1 egg or 2 egg whites, lightly beaten  
1/4 cup white or whole wheat flour, more or less  
Salt and freshly ground black pepper  
Olive or vegetable oil or butter for greasing the pan  
spices as desired (cumin, coriander, paprika, chili...)

Heat the oven to 275°F. Grate the vegetable or vegetables by hand or with the grating disk of a food processor. Mix together the vegetables, onion, egg, and 1/4 cup of the flour. Sprinkle with salt and pepper. Add a little more flour if the mixture isn't holding together. Put a little butter or oil in a large skillet or griddle over medium-high heat. When the butter is melted or the oil is hot, drop in spoonfuls of the batter, using a fork to spread the vegetables into an even layer, press down a bit. Work in batches to prevent overcrowding. (Transfer finished pancakes to the oven until all are finished.) Cook, turning once, until nicely browned on both sides, about 5 minutes. Serve hot or at room temperature.