



Health for Haiti

BIO 104/HST 104

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CLEAN WATER



**COMMUNITY
ENGAGEMENT**



**GLOBAL
SERVICE**



**NUTRITION
AND
AGRICULTURE**



**COMPUTER
LITERACY**



HEALTH



EDUCATION



**SOLAR
POWER**



**ECONOMIC
DEVELOPMENT**

SUNY  BROOME



Health for Haiti

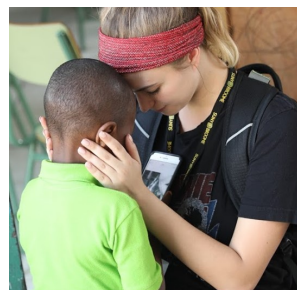
A SUNY Broome Global Health Initiative

2022-2023 PROJECTS



What is Health for Haiti?

Health for Haiti is SUNY Broome's first faculty-led, credit-bearing, global service learning course. Launched in January 2014, the focus of this interdisciplinary four-credit course is to engage college students in a unique community development effort to combat the effects of poverty in Haiti. Students explore the dynamics between poverty, education, and health care by engaging in service projects that address community needs identified by our partners in Haiti. Since 2014 we have taken over 100 college students to Haiti. Our projects go beyond simply providing aid and seek to create sustainable solutions that empower the community.



Clean Water and Solar Power

The families who live in the remote area of Grande Saline, Haiti lack access to clean water. Residents of Grande Saline have obtained their water from the local river which is contaminated by waste and garbage. We installed a Pall Aria AX1 water treatment/filtration system in March 2015 that is providing clean water for the entire community. The system provides nearly 80,000 gallons of safe drinking water each month. Clean water is helping to prevent a host of diseases that are caused or exacerbated by ingestion of dirty and contaminated water. The system is run and managed by local community members. The community built a pavilion that is ready to support solar panels. With the current fuel shortages in Haiti, we are very eager to complete our project to convert the system from gas to solar power. We plan to hire a Haitian company for hardware and installation.



Education

Since we began working in Grande Saline in 2014 the local school has grown from less than 20 children meeting in the church to nearly 200 students working with professional teachers in multiple classrooms. The school in Grande Saline now includes kindergarten through ninth grade, and we have partnered with the community in Grande Saline to make the school a center of educational excellence. Teachers engage in professional development and students are exposed to creative and high quality education. The school is truly the heart of the community.



The 2021-2022 school year was the first year that there was a ninth grade class. We are so proud of the students and their teachers. Twelve of the students took the national exams that all ninth-graders take in Haiti. They traveled to a sanctioned testing site and stayed there for three days of rigorous testing. This was the first time in nearly forty years that students from this community had the opportunity to take these exams.



New Solar School Kitchen

Health for Haiti, along with community partners, is collaborating with the school in Grande Saline to construct a new solar school kitchen. Currently, the cooks prepare the school lunch over charcoal fires in a makeshift structure composed of tarps and sheet metal. The new school kitchen has a large area for storing produce from the garden and a separate area for food preparation. There is plenty of roof space for solar panels. The SUNY Broome Engineering Club is researching how much power is needed to prepare the school meals using solar induction cooktops. We have project design support from ETM Solar Works in Endicott and plan to hire a Haitian company to provide hardware and installation in order to support the Haitian economy.





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School-Based Goat Project:

The school-based student goat project is also successfully moving forward. The students who were selected to help raise a female goat are giving one baby goat back to the project and are able to raise or sell the other offspring. "Thank you for including me in the student goat project. I was able to sell a male goat and so I could afford my materials for school. In the past my parents could not afford to pay for everything, but thanks to your help this year I was ready for classes on time," Peter. Students who are receiving a baby goat now for phase 2 of the project are excited to join. "I am falling in love with raising my goat and I am so happy to be in the project now."



Community Gardens/School Lunch Program:

Food scarcity and malnutrition are major problems for the families in Grande Saline. Rather than purchase food, Health for Haiti has supported the creation of a sustainable community garden. A large garden is used to grow rice, beans, corn, and many other types of vegetables. The garden project helps to supplement the income of some of the local farmers and the produce from the gardens is used to provide a healthy lunch. The students in Grande Saline use the garden as a living laboratory, and best practices for growing healthy foods are part of the graded curriculum. Students are proud that their daily lunch comes from their own garden.



Sewing School:

The Health for Haiti sewing school is taught by two sewing teachers who live in the Grande Saline area. Students of all ages learn to sew by hand and with machines. Some students are working towards taking a Haitian national exam which would provide them with a credential that could be used to gain employment. Some of the students are making their own clothes as well as school uniforms. In 2021 the community completed construction of a beautiful new sewing workshop building that hosts the high school class during weekdays and is used for sewing classes on weeknights and weekends. The opportunity to learn to sew can completely change the life of someone who now knows a skill that can help them to support their family.



New Kindergarten Construction:

In 2022 we completed construction of a beautiful new kindergarten building. It has two classrooms and small tables and chairs that are perfect for our littlest learners. We are so excited to see the kids get off to a great start with their education and we are grateful to the donors who made this construction project possible.

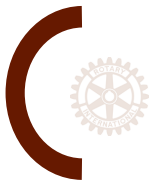


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SCHOOL LUNCH



EXCELLENCE IN SCIENCE AND MATH



EDUCATION



COMMUNITY GARDEN



SOLAR POWER FOR THE WATER SYSTEM

SOLAR SCHOOL KITCHEN

SUNY BROOME

