



ANNUAL REPORT: 2011

INTRODUCTION

This report outlines the performance of Ghana Health and Education Initiative in the year 2011. This report includes the following:

- 1) Ghanaian Staff**
- 2) Western Coordinators and Volunteers**
- 3) Education**
 - a) Scholarship Programme**
 - b) Junior High School Youth Education Programme (YEP)**
 - c) Early Childhood Literacy (ECL)**
 - d) Tutoring Centre**
 - e) Career Opportunity Lecture Series (COLS)**
 - f) Library**
- 4) Health**
 - a) Malaria Prevention**
 - b) Handwashing with Soap Promotion (HWWS)**
 - c) Sexual and Reproductive Health**
 - d) Health Care Training and Advocacy**
- 5) Serve & Learn and Volunteer Sessions**
 - a) Read and Play**
 - b) Girls Empowerment**
 - c) Malaria Prevention**
 - d) Build Ghana (a.k.a. Kickin' It in Ghana)**
 - e) UCLA Global Health Elective**
- 6) Staff Training**
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 - b) Logic Model Training**
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- 9) Donations**
- 10) Finances**

1) Ghanaian Staff

NAME	JOB TITLE	OTHER POSITIONS HELD
Clement Donkor	Country Director	Community Liaison, Administrator
Enock Nkrumah	Education Programme Manager	
Lawrence Donkor	Library Administrator	
Ernest "Saga" Badu	ECL and YEP Teacher	
Christina Gyenning	Scholarship Administrator	Teacher
Agnes Obeng	Health Programme Assistant	Assistant Community Health Worker (CHW) Manager
Mensah Gyapong	Health Programme Assistant	Local Serve & Learn Coordinator
Emmanuel Hagyirah	National Service Volunteer	Teacher
Charles Kofi Frimpong (CK)	Assistant CHW Manager, Surano	Community Health Worker (CHW)
Kofi Ofori	Community Centre Overseer	

- 2) **Western Coordinators and Volunteers:** Every year, two foreign coordinators—one for health and one for education—serve GHEI in Humjibre for approximately one year. Alongside the Ghanaian staff, they facilitate the running of all GHEI's programmes. GHEI also recruits volunteers to serve as consultants or to assist with select short-term projects.

A new position was created in late 2010, the role of Communication Director. The Communication Director coordinates the online publishing of GHEI events and projects, builds networks of donors and alumni, and also seeks out alternate sources of funding.

For the period under review the following volunteers served the organisation:

NAME	POSITION	PERIOD	
		Arrival	Departure
Long Term			
Jennifer Artibello	Education Programme Coordinator	February 2010	To Date
Carly Edwards	Health Programme Coordinator	October 2010	To Date

Natalie Rich	Communication Director	November 2010	May 2011
Chad McCordic	Communications Director	April 2011	To Date
Short Term			
Seanna Jimmeh	Serve & Learn Coordinator	June 2011	July 2011
Tamara Mason	Serve & Learn Coordinator	July 2011	August 2011
Kate Besler	Serve & Learn Coordinator	July 2011	August 2011

3) Education

- a) **Scholarship Programme:** To date, sixty-five scholarships have been awarded to select students to attend Senior High School (SHS). Of the sixty-five scholarship students, twenty-nine are females and thirty-six males. Thus far, twenty-eight have completed Senior High School, of which, four have gone on to university, namely, the University of Ghana (Legon), Kwame Nkrumah University of Science and Technology (KNUST), University of Cape Coast, and University for Development Studies. Due to the increase in the number of years in SHS, those who were originally scheduled to finish in 2010 wrote their West Africa Senior Secondary Examination (WASSCE) in April 2011. Below is a breakdown of scholarship intake since 2005.

Year	Males	Females	Total Number of Students
2005	3	1	4
2006	11	4	15
2007	5	5	10
2008	8	6	14
2009	3	4	7
2010	4	5	9
2011	2	4	6
Total	36	29	65

Youth Leadership Programme (YLP): When school is out of session, GHEI scholarship students give to the town of Humjibre through community service. Every year, the students elect two leaders among them to call and facilitate meetings and organise activities. Service activities focused on the cleaning and maintenance of the Humjibre clinic, the Community Centre, the Community Library, and the GHEI compound.

- b) **Junior High School Youth Education Programme (YEP):** Students are selected from the two government primary schools in Humjibre: Humjibre Anglican Primary and Humjibre D/A primary. The head teachers select students for the programme, choosing an equal number of students from each school. Students must be able to demonstrate a willingness to study and the talent to excel. Among the group selected by the head teachers, GHEI interviews each student, and the top students are

enrolled into the YEP programme. A team of GHEI trained teachers provides supplemental classes in the core subjects, study skills, and critical thinking.

To further promote female empowerment, GHEI decided to increase the percentage of female enrolment and accepted 60% girls and 40% boys into the YEP programme.

Community service projects were also organised by the Youth Education Programme students to perform service activities similar to those carried out by the Scholarship students.

To expose students to a hands-on learning experience, GHEI sponsors an annual excursion (field trip) for all YEP students. On February 25th, forty-four students travelled to the Kakum National Park, the university of Cape Coast, and the Cape Coast Castle. At Kakum National Park, the students took a tour of the old growth rainforest and took the exciting, raised canopy walk along the tops of the trees. The students were then shown the U.C.C. campus, and spent some time in the computer lab. From there, the group visited the old slave dungeons and colonial offices of Cape Coast Castle.

The figure below shows the number JHS students that have entered the Youth Education Programme since 2006.

Year	Male	Female	New students in program	Total Active students in program
2006	8	4	12	12
2007	7	7	14	26
2008	7	5	12	38
2009	9	7	16	42
2010	6	10	16	44
2011	8	9	17	49
Total students	37	33	70	---

- c) **Early Childhood Literacy (ECL):** The ECL programme was launched April 20, 2009 with a one-month intensive programme called Summer Read and Play. Afterwards, GHEI offered afterschool classes for a select group of primary students who performed poorly in school. ECL classes are held three days a week for two hours and focus on developing English language, facilitating purposeful play, and promoting literacy.

To decrease the student teacher ratio, GHEI divided the ECL programme into two classes (ECL 1&2) and promoted the first batch of eighteen students to ECL2 in April. Following an evaluation of all Primary One students, GHEI recruited twenty additional poor performing students--50% boys and 50% girls--from Anglican and D/A primary schools in Humjibre for the new ECL1 class.

Twenty-seven young students participated in the ECL 1 and ECL 2 class in 2010/11. In 2011, 12 new students were recruited for ECL 1, meanwhile the ECL 2 class of 14 ECL students graduated from the program

- d) **Tutoring Centre:** In 2011, the tutoring centre operated from October 5th to December 2nd for ten hours per week, and it was open to all JHS students. Overall attendance was 430 students, mostly from Form Three, the final year of JHS. GHEI teachers helped them study for the Basic Education Certificate Examination (BECE) and taught classes in the four core subjects: General Science, Mathematics, English, Social Studies, and ICT. To encourage greater female participation, GHEI set aside one night

per week as Ladies Night, allowing female students a forum to study and ask questions without fear of judgement from male peers.

- e) **Career Opportunity Lecture Series (COLS):** On February 11th, GHEI hosted a Career Opportunity Lecture Series (COLS) for Humjibre and Muoho Junior high school students in Form two. This one-day event exposes students to a myriad of education and career options through small group discussions and local speakers. This year’s speakers included: Bibiani-Anwhiaso-Bekwai Assembly person, the Honourable Janet Appiah; laboratory technician at the Bibiani Hospital Dr. Doh Gershon; Emmanuel Minkah, an engineer at Ghana Bauxite Company mines; teacher and politician Jacob Ware. Students also attended GHEI-led workshops where they learned about local senior high and tertiary school options.
- f) **Library:** GHEI’s community library houses more than 5,500 titles. The library is open six days a week for twenty-five hours during the week and two hours on the weekend. In addition, the library offers special programmes to encourage reading among children in the community, like the Read-A-Thon. This year’s overall attendance for 2011 was 20,697 library patrons. This number is more than double last year’s attendance.

The Read-A-Thon awards students for time spent with books to promote literacy. A variety of awards—pens, pencils, dictionaries, story books, exercise books, and backpacks—are given based on the student’s participation level. In June 2011, GHEI held its third Read-A-Thon where 473 students actively participated, not including the over 100 KG students who also attended.

Read-A-Thon Participants

Year	Registered Participants	Active Participants
2009	150	90
2010 (January)	350	246
2010 (July)	497	396
2011 (June)	507	473

The Reading Club is a group of JHS students that read a certain book from the Junior African Writer series of books. The students meet and finish chapters weekly. After the book is finished there is a quiz competition among teams on the plot, characters, and themes found within the book. This year, the competition took place in June in the community centre and was an exciting time for contestants and audience.

The Community Library has a **Library Board**, comprised of seven members from the Humjibre Community—five men and two women. They have been meeting on the last Sunday of each month to discuss issues concerning the library. They attend and facilitate all major library events, including the Read-A-Thon awards ceremony. Board members frequent the library regularly to ensure everything is running smoothly.

4) Health

- a) **Malaria Prevention:** Previously, the GHEI Health Team, which includes the Humjibre Community Health Workers (CHWs) distributed 1,886 bednets through home visits, covering every sleeping area in the Humjibre community. The funding for this project came from the Against Malaria Foundation, Altrussa, and the generosity of our donors. The CHWs also provides flipchart education to every household, explaining how bednets protect people from malaria and how to use and care for their

bednets. After distribution, CHWs conduct regular monitoring visits every other month, to encourage people to use their bednets, to help them re-hang nets, and to mend torn nets.

In 2011, GHEI expanded its Malaria Prevention program to the community of Kojina, and continued to provide new bednets for the rapidly expanding populations of Humjibre and Soroano. In total, 475 new bednets were distributed in Humjibre; 66 new bednets in Soroano; and 155 bednets were installed to cover every sleeping area in the village of Kojina. CHW's, Health Staff, Serve and Learn volunteers, and other members of GHEI staff took part in an evaluation survey of bednet usage in the Humjibre and Kojina villages. The results showed that only 56% of adults in Humjibre were using their bednets regularly. New education efforts have begun in late 2011 and 2012 will show a continuing focus on follow up education on the importance of sleeping under a bednet nightly as a means of preventing malaria.

- b) Hand Washing With Soap Program:** The Hand Washing with Soap Programme promotes proper hand washing with soap among young people as a means to deter diseases. It focuses on the critical hand washing times: after using the toilet, before eating, and before cooking. GHEI health team conducted outreaches at seven schools in Humjibre and in neighbouring Muoho and Kojina to teach students the critical times for hand washing. GHEI provided each of Humjibre's schools with basins, towels, and soap to facilitate proper hand washing at school and worked with teachers and headmasters to ensure that soap will be purchased and made available once the initial GHEI donation runs out. Student Hand Washing Monitors were chosen at each school to ensure that students properly washed their hands and supplies of soap are available. They meet once a month to report on the availability of supplies and any problems at their respective schools.

Global Hand Washing with Soap Day, on October 15, saw Health staff perform an outreach at seven different schools in Humjibre, Muoho, and Kojina. In total, over 1,512 students were reached with information reviewing the proper times for hand washing and proper technique.

Toward the end of 2010, GHEI secured funding to buy and install polytanks at schools in Humjibre. In 2011, new polytanks were installed and inaugurated at Wrieko Memorial School in Humjibre and D.A. Primary in Muoho, bringing the total number of polytanks at schools from GHEI to five.

- c) Sexual and Reproductive Health:**

In late 2011, GHEI began working with local businesses to distribute condoms to youth at subsidized rates. Staff also continues to sell condoms at subsidized rates to community members.

World AIDS Day: On November 29th, 2011 GHEI held a World AIDS day event in Humjibre with an evening programme at the Community Centre. Approximately 300 attended the event, including the village chief and elders, who voiced support for HIV/AIDS awareness in the community, and many youth who were the target audience for the information. During the event, GHEI explained some AIDS related statistics, conducted small group discussions on proper condom use, and distributed free condoms at two separate locations—one for women and one for men. 306 condoms were distributed during the event. Later, GHEI staff and CHWs distributed another more than 150 condoms in their respective neighbourhoods in both Humjibre and Kojina.

- d) Health Care Training and Advocacy:**

Every year, paediatric residents from University of California Los Angeles in USA volunteer for two weeks in partnership with GHEI. Their main goal is to observe Ghanaian medical practices, provide trainings, and strengthen GHEI partnerships with District medical personnel. This year, Beatrice Tettah came in March to train doctors, nurses, midwives, and other Bibiani District medical personnel in neonatal resuscitation. She also extended the training to the entire district. In total, she held four trainings and fifty-four medical personnel attended. Dr. Tetteh was followed in October by Dr. Nicole Webb and Dr. Amin Davari. They held seven trainings in several different clinics attended by an overall total of 144. The doctors volunteered their time in the Bekwai Clinic as well, seeing patients and

advising staff. They also made formal connections with Traditional Birth Attendants in the community. Their objective was to learn more about how they work and lay the groundwork for future shared learning.

In addition to these activities, GHEI facilitates referrals for children in the B-A-B District who need heart surgery at KATH Hospital from volunteer surgeons with Boston Children's Hospital. GHEI's Executive Director, Dr. Diana Rickard, provided the initial screening and the Programme Director, Clement Donkor, conducted four referrals to the surgery team at KATH. Dr. Davari and Dr. Webb also lent their services to the Boston Children's Hospital group during their time in Ghana.

- 5) **Serve and Learn and Volunteer Sessions:** Every year volunteers from across the globe visit Humjibre to participate in GHEI's Serve and Learn Volunteer programme. Six different groups of volunteers came for two weeks at a time to implement the following activities: Read and Play, Girls Empowerment, Malaria Prevention, and Build Ghana.
- a) **Read and Play:** Read and Play programme targets primary and junior high school students. The programme aims to encourage a love of literacy at a young age by exposing them to rich language and learning experiences through games, contests, and storytelling. The volunteers this year conducted outreaches to local schools to highlight the importance of properly handling of the books they read. The volunteers also assisted with GHEI's annual Read-A-Thon by assisting the students and hosting the award ceremony. The ceremony distributed awards to the students who spent the most time engaged with a book in the library and it was extremely popular.
 - b) **Girls Empowerment:** The Girls Empowerment Programme aim to encourage female JHS students awaiting their BECE results to stay focused in their academic pursuits. GHEI staff organize camps and activities that aim to inform and empower girls. Activities this year included sessions on Self Esteem, Leadership, Family Planning, Sexual Health, and making positive life choices.
 - c) **Malaria Prevention:** This year's Malaria Prevention session conducted an evaluation survey of bednet usage in the Humjibre Community. A group of six assisted the CHW's in this momentous task. In all 170 households in Humjibre and Kojina were surveyed. The results found that a year after bednet distribution covering the entire community, 91% of households in Humjibre had bednets in their house, but only 56% of adults were sleeping under their bednets. The results were a bit more encouraging from Kojina, with 90% of households in Kojina having bednets, and 83% nightly use. The volunteers work in data entry was valuable for the organization and the community. A brand new focus on follow up education, and an emphasis on the importance of nightly use of the bednets is underway for the CHWs in 2012 as well as another evaluation survey next summer.
 - d) **Build Ghana (a.k.a. 'Kickin' It in Ghana):** This was a brand new session, designed to build teamwork skills among Humjibre's young sporting community. Teams took part in the sportsmanship camp and were given new jerseys for the games. The football matches were highly attended, and each of the volunteers found the community excitement inspiring. Plans have already begun for the 2012 GHEI Football Tournament.
 - e) **UCLA Global Health Elective**
In July 2011, five medical students from the University of California in Los Angeles (UCLA) volunteered with GHEI as part of their studies in Global Health. Two were stationed in the nearby community of Ampenkrom where they conducted surveys of the health of local children. One student helped formulate a dedicated referral process for children to be examined by the Boston Children's Hospital team in Kumasi; the other surveyed local capacity in Neo-Natal Resuscitation techniques and future training options; the final student, surveyed the district's medical service access.

The table below displays information on the volunteers who participated in the Serve and Learn and the UCLA Global Health programme in 2010.

NAME	PROGRAMME	DURATION	
		Arrival	Departure
Lexi Greenwald	Read and Play	June 13	June 29
Helen Macdonald	Read and Play	June 13	June 29
Krista Nickerson	Read and Play/ Girls' Empowerment	June 13	July 17
Omolayo Adebayo	Girls' Empowerment	July 1	July 17
Naomi Riley	Girls' Empowerment	July 1	July 17
Astrid Prudent	Girls' Empowerment	July 1	July 17
Crystal Harmon	Girls' Empowerment	July 1	July 17
Lauren Nichols	Malaria Prevention	July 19	August 4
Anissa Taylor	Malaria Prevention	July 19	August 4
Kari Fish	Malaria Prevention	July 19	August 4
James Ohliger	Malaria Prevention	July 19	August 4
Erin Rosen	Malaria Prevention	July 19	August 4
Alexsa Grant	Malaria Prevention	July 19	August 4
Oluwaseun Ososami	Build Ghana	August 6	August 22
Meera Patel	Build Ghana	August 6	August 22
Poranee Arthayukti	Build Ghana	August 6	August 22
Tola Emiola	Build Ghana	August 6	August 22
Sarah Gustafson	UCLA Global Health Elective	July 2	July 22

Christina Siliciano	UCLA Global Health Elective	July 2	July 22
Nikki Ross	UCLA Global Health Elective	July 2	July 22
Emily Huang	UCLA Global Health Elective	July 2	July 22
Shelley Han	UCLA Global Health Elective	July 2	July 22

6) Staff Training

- a) **Data Collection Training:** In December 2010, the incoming Health Programme Coordinator, Carly Edwards, conducted a six-day Data Collection Training for twenty-three GHEI staff and CHWs. Topics included methods of data collection, confidentiality, bias, and survey design and implementation. The training concluded with a practical exam in the neighbouring village of Soroano where each trainee conducted surveys in three households.

In April 2011, there was a two day long review of the data collection training methods for staff and CHW's. This also coincided with the presentation of a brand new survey entirely translated in Twi.

- b) **Logic Model Training:** In January 2011, Education Program Coordinator Jen Artibello conducted training on Log Frames, a method for thorough program monitoring and evaluation. This purpose of learning this method was to continually test and improve GHEI programs. All staff attended and there was an evaluation near the end. After completing Annual Operational Plans for all GHEI programs, with Logic Models included in each document, all staff attended a refresher course in the program in May 2011.
- c) **Tools to communicate on the Internet:** In November, Communications Director Chad McCordic held a one day training seminar to demonstrate some of the tools available to GHEI to use on the internet, and some precautions to take.
- d) **Teacher training:** In April, training in critical thinking and creative lesson planning was held for GHEI education staff and volunteer teachers. A follow up training took place in October.
- e) **Computer Training:** To provide on-going educational opportunities and to build the capacity of staff, on-going computer trainings are now offered to staff by volunteers and Western Coordinators. Topics include Microsoft Word, Excel spreadsheets, database management, email, typing, and internet research.

- 7) **Community Centre:** Since its construction in 2004, the Humjibre Community Centre has served as a meeting place for community activities and a venue for GHEI classes and outreaches. The table below shows this year's community centre activities.

Type of Activity	Number of Meetings Held
Church Activities	3
Political Meetings	9
Communal Meetings	8
Engagements and Parties	4

Tutoring Centre Supplemental teaching	26
Keep fit club meetings	4
Agricultural Activities	10
Health projects	3

8) Meetings and Seminars and Partnerships:

The Communications Director attended a conference in Accra on how to use Google computer software products to assist an NGO in marketing, time management, and administration. NGOs across Ghana were invited for this conference and it was a good opportunity to network as well as learn ways that we can increase productivity online.

GHEI health staff spent some time in the UN Millenium Village of Bonsasso, observing their public health interventions and sharing some of GHEI's own practices with the staff there.

GHEI's Annual Retreat took place this year at the Aburi Gardens near Accra. GHEI staff met to discuss the past years success and challenges, and looked ahead to the next year. It was a time of reflection and encouragement as we prepared for 2012.

- 9) Donations:** Throughout the year, volunteers and paediatric residents brought medical supplies which were distributed among the Humjibre Clinic, Bekwai Health Centre, and the Bibiani Hospital, as well as many supplies which ensured that the GHEI headquarters continues to function smoothly.

10) Finances

Sources of funding: Below are the Organisation's funding sources for the reporting year:

- 1) Altrusa International Foundation Inc.
- 2) Serve & Learn volunteer programme
- 3) European Union Central Charity Fund
- 4) Books for Africa Libraries
- 5) Choose A Need
- 6) Wari Cooperative
- 7) Private donations

Please see the figures on the following page for our financial information....

2011 FINANCIAL SUMMARY	
2011 Budget	Gh¢110,000
Actual Costs	Gh¢101,598.50

