



ANNUAL REPORT: 2010

INTRODUCTION

This report outlines the performance of Ghana Health and Education Initiative in the year 2010. 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 Sessions**
 - a) Malaria Prevention (2 sessions)**
 - b) Hand-Washing with Soap (HWWS)**
 - c) De-worming and Hygiene**
 - d) Read and Play (Read-A-thon)**
 - e) Girls Empowerment**
- 6) Staff Training**
 - a) Data Collection Training**
 - b) Computer Training**
- 7) Community Centre**
- 8) Meetings and Seminars**
- 9) Donations**
- 10) Finances**

1) Ghanaian Staff

NAME	JOB TITLE	OTHER POSITIONS HELD
Clement Donkor	Programme Director	Community Liaison, Administrator
Douglas Asihene	Assistant Programme Manager	Scholarships Manager, Financial Secretary
Enock Nkrumah	Education Programme Manager	Teacher
Mensah Gyapong	Malaria Programme Manager	Local Serve & Learn Coordinator
Kwabena Adjei	National Service Personnel	Teacher
Lawrence Donkor	Librarian	
Agnes Obeng	Assistant CHW Manager, Humjibre	Community Health Worker (CHW)
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. For the period under review the following volunteers served the organisation:

NAME	POSITION	PERIOD	
		Arrival	Departure
Jennifer Artibello	Education Coordinator	February 2010	To Date
Christina Briegleb	Health Coordinator	December 2009	November 2010
Carly Edwards	Health Coordinator	October 2010	To Date
Natalie Rich	Communication Director	November 2010	To Date
Marielle Chamas	Education Coordinator	February 2009	February 2010
Monica Mann	Qualitative Evaluation Consultant	January 2010	February 2010
Laconia Koerner	Malaria Documentary Intern	January 2010	February 2010
Carlos O'Bryan	Neonatal Resuscitation Trainer	January 2010	February 2010
Maria Arizmendi	Neonatal Resuscitation Trainer	January 2010	February 2010

Brittany Ebendorf	Deputy Executive Director	March 2010	May 2010
Logan Krochalis	Office Computer Intern	March 2010	April 2010
Fernando Sapelli	Documentary Filmmaker	April 2010	May 2010
Tabatha Norton	Serve & Learn Coordinator	June 2010	July 2010
Katie Thayer	Serve & Learn Coordinator (Ampenkrom)	June 2010	July 2010
Doug McKechnie	Serve & Learn Coordinator	July 2010	August 2010

3) Education

- a) **Scholarship Programme:** To date, fifty-nine scholarships have been awarded to select students to attend Senior High School (SHS). Of the fifty-nine scholarship students, twenty-five are females and thirty-four males. Thus far, nineteen 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 are now in their fourth year, and they will write 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
Total	34	25	59

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; four meetings were organised to train the students in good leadership skills, altruism, role modelling, and good behaviour. 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, and an equal number of males and females. Students must be able to read and write and demonstrate a high sense of willingness to study. 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.

Eight 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. Forty YEP students actively participated in community service this year.

To expose students to a hands-on learning experience, GHEI sponsors an annual excursion (field trip) for all YEP students. On February 17th, forty-three students travelled to Accra and visited the University of Ghana, the national museum, the sport stadium, and the beach. For the majority of these students, this was their first trip to Ghana's capital.

The figure below shows the number of students that have participated in the Youth Education Programme since 2006.

Year	Male	Female	Total Number of Students
2006	8	4	12
2007	7	7	14
2008	7	5	12
2009	9	7	16
2010	6	10	16
Total	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 were held up to four days a week for two hours and focused on developing English language, facilitating purposeful play, and promoting literacy. Start-up resources for this programme were donated by public schools in New York City.

To decrease the student teacher ratio, GHEI divided the ECL programme into two classes (class 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.

- d) **Tutoring Centre:** In 2010, the tutoring centre operated from October 5th to December 2nd for ten hours per week, and it was open to all JHS students. Average daily attendance was twenty-seven 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, and Social Studies. 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 14th, 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 a laboratory technician from Bibiani Hospital, a Bauxite mine engineer from Ghana Bauxite Company (GBC), a water and resource personnel from

GBC, and a cocoa firm administrator from Bekwai. Students also attended GHEI-led workshops where they learned about local senior high and tertiary school options.

- f) **Library:** GHEI’s community library houses about 5,000 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.

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. GHEI held its second Read-A-Thon from December 14, 2009 through January 22, 2010. Of the 350 students who signed up, 246 actively participated.

In July 2010, GHEI held its third Read-A-Thon where 396 students actively participated, not including the 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

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:** 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 CHWs also provided flipchart education to every household, explaining how bednets protect people from malaria and how to use and care for their bednets. After distribution, CHWs conducted 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 January 2010, playwright and U.S. volunteer Laconia Koerner worked with Humjibre CHWs to write and direct a malaria education drama entitled *United Against Malaria*. Six CHWs acted out the screenplay, which depicted a farmer afflicted with malaria who, thanks to support from his neighbours, received treatment at the clinic and purchased a bednet to prevent any future episodes of malaria. The film was shown at a Malaria Education Day in Humjibre to an audience of over 100 community members. Toward the end of 2010, the Health Team trained two CHWs in the nearby village of Kojina in preparation for expansion into this community.

Additionally, the Millennium Villages Project (MVP), a development project of the United Nations, visited Humjibre in March to learn more about GHEI’s malaria programme. Following the visit, they piloted our programme in three of their villages, and the GHEI Health Team visited the MVP site at Bonsaaso to witness the programme in action. The pilot programme was a success and MVP now plans to use GHEI’s malaria programme methodology in other villages.

- b) **Handwashing with Soap Promotion:** The Handwashing with Soap Programme promotes proper handwashing with soap, especially at the critical times: after using the toilet, before eating, and before cooking. Humjibre CHWs conducted outreaches at four schools in Humjibre, one school in Kojina, and

two schools in Muoho to teach students the critical times for handwashing, with a total of 1,621 students reached. After the outreach, an evaluation survey found that 96% of students knew at least one critical time, 65% mentioned at least two critical times, and 13% were able to list the three critical times for handwashing. GHEI provided each of Humjibre's five schools with basins, towels, and soap to facilitate proper handwashing 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 Handwashing Monitors were chosen at each school to ensure the availability of soap, towels, and water. They meet once a month to report on the availability of supplies and any problems at their respective schools.

Toward the end of the year, GHEI secured funding to buy and install polytanks at three schools in Humjibre: Anglican Primary, DC Primary, and Anglican JHS. Polytanks capture and store rainwater allowing a constant supply of clean running water handwashing. The polytanks were inaugurated on Global Handwashing Day, October 15th, by the District Director of Education, Reverend Simon Asigiri. The Humjibre CHWs also participated in Global Handwashing Day by writing and performing a skit on a local radio station, The Beat.

c) Sexual and Reproductive Health:

Multi-Sectoral HIV and AIDS Programme (MSHAP): The Ghana Aids Commission released funds to GHEI through a parent organisation called Centre for Community Studies Action and Development (CENCOSAD) to run HIV/AIDS prevention programmes. In partnership with this organisation, GHEI conducted a series of outreach programmes in five target communities: Humjibre, Apenkrom, Kojina, Muoho and Suroano. Thirty peer educators, including GHEI's ten CHWs, were given in-service training. Peer educators were selected and grouped by gender and age: ten in-school youth, ten out-of-school youth, and ten adults. This year's activities included HIV/AIDS testing, condom sales and distribution, peer counselling, small group discussions, and behaviour change communication interventions.

The total number of people counselled was 632; of whom 275 are male and 357 female. The number of people tested was 628, of whom 273 are male 355 female. A total of 4,637 male condoms were sold or distributed and 296 female condoms.

Because of limited resources and capacity, GHEI will no longer implement the MSHAP Programme after 2010.

World AIDS Day: December 1st, World AIDS Day 2010, was celebrated in Humjibre with an evening programme at the Community Centre. Approximately 200 people attended the event, including the village chief and elders, who voiced support for HIV/AIDS awareness in the community. During the event, GHEI showed a series of HIV/AIDS documentaries, conducted small group discussions on proper condom use, and distributed free condoms at two separate locations—one for women and one for men. Approximately 200 condoms were distributed to thirty-five women and sixty-five men during the event. Later, GHEI staff and CHWs distributed another 400+ condoms in their respective neighbourhoods in both Humjibre and Kojina. Additionally, peer educators from Surano, Ampenkrom, and Muoho distributed 100 condoms each in their respective communities. In total, more than 900 condoms were distributed in five communities for World AIDS Day 2010.

d) Health Care Training and Advocacy: Every year, two 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, two residents came in January to train doctors, nurses, midwives, and other Bibiani District medical personnel in neonatal resuscitation. In total, five trainings were held and twenty-three District medical personnel attended. Dr. Diana Rickard, GHEI's Executive Director and a medical doctor-paediatrician, came in August with Dr. Daniel Patenaude, an emergency medicine doctor, and provided a half-day training for about fifteen Bibiani hospital personnel on evaluating trauma patients and treating shoulder and hip dislocations. In addition to these activities, GHEI

facilitates referrals for children in the Bibiani District who need heart surgery at KATH Hospital. This year, GHEI helped a young girl from Baakokrom receive free heart surgery at KATH 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, assisted the girl and her family during the assessments and surgery at KATH.

- 5) **Serve and Learn 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: Malaria Prevention (two sessions), Handwashing with Soap, Deworming and Hygiene, Read and Play, and Girls Empowerment.
- a) **Malaria Prevention (two sessions):** In a partnership with Cover Africa, a student-run organisation at Cornell University in USA, GHEI conducted a malaria prevention project in December 2009-January 2010. The first session worked with Humjibre CHWs to conduct surveys in the Canada region as a follow-up to the bednet distribution in April 2009. In addition, they provided health education workshops to GHEI's YEP students. The second Cover Africa session worked with the CHWs to begin the distribution of nets in Humjibre. In two weeks, they distributed 228 nets to the neighbourhoods of Israel and Zongo and worked with CHWs to give household flipchart education. This group also held two health education sessions with more than fifty primary school students.
 - b) **Hand Washing With Soap:** In June 2010, eight volunteers conducted handwashing with soap outreaches with the help of GHEI CHWs. They implemented outreaches at all the local schools to encourage students to wash their hands with soap and to teach them the critical times for handwashing. A total of 1,500 students were reached during these outreaches. Additionally, five outreaches for mothers were held at the Humjibre Community Centre. A total of 437 mothers attended the outreaches and received a free bar of key soap and a Polaroid self-portrait as an incentive.
 - c) **De-Worming and Hygiene:** Following the Handwashing group, two groups of volunteers came to conduct deworming sessions for children aged two through eight. One group worked in Humjibre and Kojina, and the other group dewormed the children of Ampenkrom. The Humjibre Clinic Midwife trained the volunteers and CHWs on how to administer the treatment: children two to five years were dewormed with syrup and children six to eight years with tablets. In-school children were dewormed at their respective schools, while out-of-school children were dewormed during outreach days in their neighbourhoods. In total 1,434 children in Humjibre, Kojina, and Ampenkrom were dewormed.
 - d) **Read and Play:** The next group of six volunteers focused on a Read and Play programme targeting 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 conducted six interactive literacy sessions for GHEI's students: two sessions each for YEP, ECL 1, and ECL 2. In the course of these sessions, each class became familiar with at least one story book. The volunteers also assisted with GHEI's annual Read-A-Thon by helping to host the award ceremony and distributing awards to the students who spent the most time reading books in the library.
 - e) **Girls Empowerment:** The last group of volunteers designed and implemented Girls Empowerment Camp, an annual two-week camp for recent female junior high school graduates. This year's camp had twenty participants and focused on career development. The volunteers worked with the camp participants to explore career options, discuss required training, review job application and selection processes, and address barriers to women pursuing careers outside the home. The camp used games, songs, plays, and other interactive activities to convey messages and instil confidence in participants.

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

NAME	PROGRAMME	DURATION	
		Arrival	Departure
Alka Menon	Winter Session 1: Bednet Survey	Dec 25 th 2009	Jan 7 th
Kristen Welch	Winter Session 1: Bednet Survey	Dec 25 th 2009	Jan 7 th
Eun Woo Ha	Winter Session 1: Bednet Survey	Dec 25 th 2009	Jan 7 th
Elissa Osterland	Winter Session 1: Bednet Survey	Dec 25 th 2009	Jan 7 th
Rohini Rao	Winter Session 2: Bednet Distribution	Jan 7 th	Jan 23 rd
Ojus Patel	Winter Session 2: Bednet Distribution	Jan 7 th	Jan 23 rd
Kate Belser	Winter Session 2: Bednet Distribution	Jan 7 th	Jan 23 rd
Carolyn Witte	Winter Session 2: Bednet Distribution	Jan 7 th	Jan 23 rd
John Lee	Winter Session 1 and 2	Dec 25 th 2009	Jan 23 rd
Tom Ruttledge	Winter Session 1 and 2	Dec 25 th 2009	Jan 23 rd
Sarah Brickner	Summer Session 1: Hand washing	June 8 th	June 24 th
Hyunwoo Choo	Summer Session 1: Hand washing	June 8 th	June 24 th
Monique Mounce	Summer Session 1: Hand washing	June 8 th	June 24 th
Emma Porteus	Summer Session 1: Hand washing	June 8 th	June 24 th
Naa Kwarley Quartey	Summer Session 1: Hand washing	June 8 th	June 24 th
Kelly Sherman	Summer Session 1: Hand washing	June 8 th	June 24 th
Danielle Weber	Summer Session 1: Hand washing	June 8 th	June 24 th
Hannah Gelbort	Summer Session 1: Hand washing	June 8 th	June 24 th
Jennifer Brown	Summer Session 2: De-worming	June 26 th	July 12 th
Rimsky Denis	Summer Session 2: De-worming	June 26 th	July 12 th
Caitlin Mertzlufft	Summer Session 2: De-worming	June 26 th	July 12 th
Emily Miller	Summer Session 2: De-worming	June 26 th	July 12 th
Megan Sanza	Summer Session 2: De-worming	June 26 th	July 12 th
Tianying Zhang	Summer Session 2: De-worming	June 26 th	July 12 th
Ali Donaghy	Summer Session 2: De-worming Ampenkrom	June 26 th	July 12 th

Shawnisha Hestert	Summer Session 2: De-worming Ampenkrom	June 26 th	July 12 th
Heather Alden	Summer Session 2: De-worming Ampenkrom	June 26 th	July 12 th
Ross Stafford	Summer Session 2: De-worming Ampenkrom	June 26 th	July 12 th
Miyuki Nishimura	Summer Session 3: Read And Play	July 19 th	August 4 th
Katherine Lee	Summer Session 3: Read And Play	July 19 th	August 4 th
Elizabeth Scullin	Summer Session 3: Read And Play	July 19 th	August 4 th
Ramona Mendoza	Summer Session 3: Read And Play	July 19 th	August 4 th
Eliane Mo	Summer Session 3: Read And Play	July 19 th	August 4 th
Suzzane McCullum	Summer Session 3: Read And Play	July 19 th	August 4 th
Ariel Rhoda	Summer Session 4: Girls Empowerment	August 6 th	August 22 nd
Barbara Ha	Summer Session 4: Girls Empowerment	August 6 th	August 22 nd
Jennifer Prokop	Summer Session 4: Girls Empowerment	August 6 th	August 22 nd
Kara Theimer	Summer Session 4: Girls Empowerment	August 6 th	August 22 nd
Sara Troup	Summer Session 4: Girls Empowerment	August 6 th	August 22 nd
Seanna Jimmah	Summer Session 4: Girls Empowerment	August 6 th	August 22 nd

6) Staff Training

- a) **Data Collection Training:** In December, 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 Suroano where each trainee conducted surveys in three households. Twelve staff and CHWs were certified in data collection for GHEI, and a future training will be held for those still working toward certification.
- b) **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	6
Political Meetings	4
Communal Meetings	15
Peer Educators Meetings	3
Community Health Workers (formerly Adult Peer Educators) Meetings	7
Tutoring Centre Supplemental teaching	29
Keep fit club meetings	-
Agricultural Activities	5

- 8) **Meetings and Seminars:** GHEI attended two meetings at Wiawso organised by CENCOSAD to monitor MSHAP activities. The meetings reviewed HIV/AIDS prevention projects funded by MSHAP and under CENCOSAD supervision.

Two members of GHEI health team attended a one-day District health training held at Sefwi Bekwai Health Centre, which covered community health topics like ORS preparation and administration and confidential condom sales.

- 9) **Donations:** Throughout the year, Serve and Learn volunteers and UCLA Paediatric Residents brought medical supplies valued at more than 4,000 cedis, which were distributed among the Humjibre Clinic, Bekwai Health Centre, and the Bibiani Hospital.

10) Finances

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

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

2010 FINANCIAL SUMMARY	
Annual Budget	Gh¢100,000
Actual Costs	Gh¢98,098.22

For detailed breakdown of financial activity, please see the accompanying spreadsheets: GHEI Financial Summary January 2010 – December 2010 and GHEI Annual Financial Summary 2009.

