



Annual Report 2013

Table of Contents

Acronyms	2
1. Introduction.....	3
2. Ghanaian Staff and Volunteers.....	3
3. Western Coordinators and Volunteers.....	4
4. Education Programmes	4
a. Scholarship Programme.....	4
b. Youth Education Programme (YEP).....	5
c. Early Childhood Literacy (ECL) Programme	6
d. Tutoring Centre	6
e. Career Opportunity Lecture Series (COLS).....	6
f. Humjibre Community Library	6
5. Health Programmes.....	7
a. Malaria Prevention Programme.....	7
b. Hand Washing with Soap (HWWS) Programme	8
c. Sexual and Reproductive Health Programme	9
d. Health Facility Delivery Incentive Programme.....	10
e. Health Trainings and Advocacy	10
6. Serve and Learn Volunteer Sessions	10
a. Literacy Promotion.....	11
b. Malaria Prevention	11
c. Girls' Empowerment.....	11
d. UCLA Global Health Elective	11
e. Volunteers.....	11
7. Staff Training	12
a. Data Collection Training.....	12
b. Data Analysis Workshop.....	12
c. Teacher Training.....	12
d. Computer Training.....	12
8. Community Centre	13
9. Meetings, Seminars, and Partnerships	13
10. Donations.....	13
11. Finances	13
12. Conclusion	14

Acronyms

BAB	Bibiani-Anhwiaso-Bekwai
BECE	Basic Education Certificate Examination
CHW	Community Health Worker
COLS	Career Opportunity Lecture Series
ECL	Early Childhood Literacy
EGRA	Early Grade Reading Assessment
GHEI	Ghana Health and Education Initiative
HWWS	Hand Washing with Soap
JHS	Junior High School
LLIN	Long-lasting Insecticide-treated Bednet
NGO	Non-Governmental Organisation
SHS	Senior High School
TBA	Traditional Birth Attendant
UCLA	University of California in Los Angeles
YEP	Youth Education Programme

1. Introduction

The Ghana Health and Education Initiative (GHEI), a non-profit, non-governmental organisation (NGO), was founded in 2001 in the rural village of Humjibre, located in Ghana's Western Region in the Bibiani-Anhwiaso-Bekwai (BAB) District. Its mission is to improve the health and education of people living within Humjibre and surrounding communities through the development of health and education programmes. GHEI works with local, sub-district, and district government officials, as well as other NGOs, to maximise its impact on its catchment communities. This report outlines the performance of GHEI in the year 2013.

2. Ghanaian Staff and Volunteers

For the period of review, the following staff served the organisation:

NAME	JOB TITLE	OTHER POSITIONS HELD
Clement Donkor	Country Director	Community Liaison, Administrator
Enock "Happy" Nkrumah	Education Programme Manager	Local Serve and Learn Coordinator
Lawrence Donkor	Library Administrator	
Ernest Badu	Lead Teacher	Scholarship Administrator
Felicity Yaa-Pomah	Teacher	
Agnes Obeng	Health Programme Assistant	
Mensah Gyapong	Health Programme Assistant	Local Serve and Learn Coordinator
Vorsah Innocent Elikem	National Service Volunteer	Teacher
Patrick Woegan	National Service Volunteer	Teacher
Charles Kofi Frimpong	Assistant CHW Manager, Soroano	
Kofi Ofori	Community Centre Overseer	

In addition to staff, the following individuals volunteered for GHEI during the period of review:

NAME	POSITION	COMMUNITY
Kwabena Agyemang	Volunteer Teacher	Humjibre
Rose Ware	Community Health Worker	Humjibre
Yaa Mary	Community Health Worker	Humjibre
Lydia Ampomaning	Community Health Worker	Humjibre
Francis Yeboah	Community Health Worker	Humjibre
Nana Akraasi Gyapong	Community Health Worker	Humjibre
Joseph Nkoah	Community Health Worker	Humjibre
Shadrack Ofori	Community Health Worker	Humjibre
Gloria Nketiah	Community Health Worker	Kojina
John Coffie	Community Health Worker	Kojina
Yaw Ntori	Community Health Worker	Soroano
Margaret Tawiah	Community Health Worker	Soroano
Collins Awuah	Community Health Worker	Soroano

3. Western Coordinators and Volunteers

Every year, three foreign coordinators—one for health, one for education, and one for communications—serve GHEI in Humjibre for approximately one year. Alongside the Ghanaian staff, they facilitate the implementation 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	JOB TITLE	START	END
Jennifer Matthews	Education Programme Coordinator	January 2013	April 2013
Shantie Bahadur	Education Programme Coordinator	March 2013	To Date
Abigail Wetzel	Health Programme Coordinator	January 2013	To Date
Adrian Gregorich	Communications Officer	January 2013	April 2013
Elena Szajewski	Communications Officer	April 2013	To Date
Amy Henderson Riley	Serve and Learn Coordinator	July 2013	August 2013
John Schaidler	Serve and Learn Coordinator	June 2013	June 2013

4. Education Programmes

a. Scholarship Programme

To date, 78 Junior High School (JHS) students – 37 females and 41 males - have been awarded scholarships to attend Senior High School (SHS). 15 scholarship recipients graduated from SHS in 2013, therefore a total of 58 recipients have successfully completed SHS to date. Some of these scholarship students have continued with their studies and to date, 2 have completed university, 8 are currently in university, 3 are in Distance Diploma in Education and 4 are in Teacher College. 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
2012	3	4	7
2013	2	4	6
TOTAL	41	37	78

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

b. Youth Education Programme (YEP)

GHEI runs supplemental classes for top performing JHS students on a weekly basis throughout the academic school year. YEP students are selected from Primary 6 classes at the two public primary schools in Humjibre: Humjibre Anglican Primary and Humjibre DA Primary. The head teachers select 10 students to take part in programme recruitment. Selected students must demonstrate a willingness to fully participate in the programme and the talent to excel. Recommended students participate in a selection process, where they are asked to complete a short test and interview with GHEI staff. The tests and interviews are graded using a predetermined set of criteria, and the top students are enrolled into the programme. Supplemental classes are taught by GHEI-trained teachers in the five core subjects; English language, mathematics, science, social studies, and information communication technology, and focus on building critical thinking and study skills.

Similar to the community service projects carried out by the scholarship recipients, YEP students also completed a number of community service activities around the Community Centre, Community Library, and GHEI compound.

Providing students with the opportunity to learn outside of the classroom setting and explore educational and career options in Ghana, GHEI sponsors an annual excursion (field trip) for all YEP students. On February 22nd, 2013, all YEP and Reading Club students travelled to Takoradi and visited Aboadze Thermal Plant, the Harbour, and Flour Mill industry.

To encourage female youth in Humjibre to continue their education beyond JHS, GHEI began recruiting 60% girls to the YEP effective 2010, and this policy continues to structure recruitment for the programme.

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

YEAR	MALES	FEMALES	NEW STUDENTS IN PROGRAMME	TOTAL ACTIVE STUDENTS IN PROGRAMME
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
2012	8	9	17	44
2013	7	10	17	44
TOTAL	60	61	121	--

In light of the YEP students' consistent success in the Basic Education Certificate Examination (BECE), GHEI has had to reevaluate and make appropriate changes to the indicators used to track the programme's success. In addition to measuring BECE pass rates among the YEP students, GHEI is now also tracking the number of YEP students who obtain a 'high pass' (a score between aggregate 6 to aggregate 15) on the BECE. Our goal is that 90% of YEP students receive a high pass on their BECE. Unfortunately, the 2013 cohort fell short of the goal, as only 57% of students achieved a high pass. The number of YEP students that received a high pass was considerably high when compared to the high pass rate of the district high pass rate (24%).

c. Early Childhood Literacy (ECL) Programme

The ECL Programme was launched in April 2009 with a one-month intensive programme called Summer Read and Play. Recognising students' need for continued literacy support, GHEI began offering afterschool classes for a select group of primary students who were struggling to keep up with their peers at school. ECL classes are held three days a week for two hours and focus on developing English literacy and language skills through purposeful play, songs, poems, and reading and writing activities. Students enrolled in the ECL programme are divided into two classes ECL 1 and ECL 2. To provide students with the necessary, individualised support, ECL classes maintain a low student-to-teacher ratio: a maximum of 12:1.

In September 2013, GHEI recruited 11 new students (6 girls and 5 boys) to the ECL 1 class. Head teachers from Anglican Primary School and DA Primary School play a large role in determining the selected students, recommending students with below average literacy skills from their Primary 1 classes.

In July 2013, GHEI completed the final Early Grade Reading Assessment (EGRA) and successfully graduated 10 ECL 2 students from the programme. The assessment is conducted using a standardised literacy test, which allows GHEI to track the improvements made in ECL students' literacy skills over the course of two years. The test is conducted as a baseline assessment when students enter the programme, mid-term assessment after the completion of ECL 1, and a final assessment after completing ECL 2. From the 2013 final EGRA result 67% of ECL 2 boys as compared to 43% of ECL 2 girls were able to score 45 Correct Letters Per Minute. Additionally, 100% boys as compared to 86% girls were able to score 6 Correct Words Per Minute.

d. Tutoring Centre

Open to all JHS Form 3 students in Humjibre, the Tutoring Centre offers students an opportunity to strengthen their knowledge and skills necessary for successful completion of the BECE. Students practice past BECE questions in the five core subjects with support from GHEI-trained teachers. For most of 2013, the Tutoring Centre was closed as a result of many factors. However, in November 2013 the GHEI Education Programme Manager had a series of meetings with the JHS school authorities and the Chief of Humjibre to lend their support in re-starting the Tutoring Centre. The Tutoring Centre operates from 7pm to 9pm every Monday to Wednesday. To encourage greater female participation, GHEI set aside one night per week (Wednesday) 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 8th February 2013, GHEI hosted COLS event for Form 2 students from Humjibre Anglican JHS, Muoho DA JHS, and Christ Redeemer JHS. This one-day event exposes students to a myriad of education and career options through small group discussions and professional speakers. This year's speakers included: Mr. Solomon Ofosu-Addea (Focal Person – Social Welfare Department, Bibiani), Mr. Albert Assabil (Statistician – District Health Administration, Bibiani), and Mr. Oscar Cobbina (Retired Deputy Chief Fire Official). Students also attended GHEI-led workshops where they learned about SHS and tertiary school options and selection criteria.

f. Humjibre Community Library

Commencing operations in 2005, the Humjibre Community Library has grown significantly over the past 8 years, and now boasts an inventory of over 6000 books. The library is open in the afternoons and evenings from Monday through Friday, as well as Saturdays evenings. In addition, the library offers special programmes to encourage reading as a leisure activity, build literacy skills, and promote library patronage, such as GHEI's annual Quiz Competition. The 2013 overall attendance was 11099 library patrons.

Reading Club: Hosted biweekly by GHEI's Library Administrator, the Reading Club is an opportunity for Humjibre JHS students to engage with various African-authored books in a supportive atmosphere. From 7pm to 9pm, students read selected titles from the Junior African Writers Series or African Writer Series, as well as answer questions and hold discussions based on materials read. To encourage active participation and acknowledge students' dedication to the club, GHEI holds biannual Reading Club quiz competitions. GHEI held a Reading Club quiz competition on January 16, 2013. Students were divided into three teams comprised of three members and were required to answer a series of questions concerning *The Saga of Professor Allotey* by Ghanaian author, Mirekuwa Allotey.

Humjibre Community Library Board: To encourage community participation in library activities, in 2008 GHEI created the Library Board, which oversees all library activities. The Board currently has 9 members (5 community members, 2 GHEI staff, and 2 student representatives) who meet on a quarterly basis to discuss library issues.

5. Health Programmes

a. Malaria Prevention Programme

Since 2006, GHEI has been committed to preventing malaria in Humjibre, Kojina, and Soroano by distributing free long-lasting insecticide-treated bednets (LLINs) to community members. Previously, the GHEI health team, which includes the Humjibre, Kojina, and Soroano Community Health Workers (CHWs), distributed bednets to every home in the three communities. Currently, CHWs conduct household monitoring visits to observe the condition of bednets in each home, rehang and mend bednets as needed, educate families on bednet care and usage, and encourage nightly usage of bednets, especially for pregnant women and children under five years of age. Over the last year, 401 bednets have been mended and 567 bednets have been rehung during 1903 monitoring visits.

To facilitate the use and replacement of LLINs, GHEI sells LLINs at highly subsidised prices and provides LLINs for free to students travelling to SHS. In 2013 in Humjibre and Soroano, 28 LLINs were distributed to students travelling to SHS for free and 53 were sold. CHWs are notified of LLIN purchases and assist with hanging newly purchased LLINs during monitoring visits. GHEI also conducts annual malaria awareness outreach in three communities on World Malaria Day in collaboration with the Humjibre Clinic.

CHW Retreat: As part of on-going training and capacity building for CHWs, GHEI held the annual CHW Retreat on 21st March. The CHWs and the Health Team reviewed challenges and discussed potential solutions while fostering an environment of collaboration among CHWs from different communities.

World Malaria Day: In 2013, this event was held in all three catchment communities from the 24th to the 26th of April. The programme was designed with a variety of activities for all ages, including animated clips about malaria prevention, education by GHEI's health staff and nurses from the Humjibre Clinic, and videos made by GHEI's CHWs on bednet care and usage. Participatory activities included a cost/benefit analysis and discussion to evaluate the financial burden of contracting malaria versus sleeping under a treated bednet. The event reached 190 people in Humjibre, 96 people in Kojina, and 166 people in Soroano.

Evaluation Survey: Each year, GHEI conducts an annual community-wide evaluation survey in all catchment communities to assess the impact of the Malaria Prevention Programme on bednet ownership, use, and maintenance and malaria prevalence. With the help of international volunteers, GHEI conducted this year's survey in Soroano in June and in Humjibre and Kojina in July. The three-part survey, based on the UNICEF MICS4 questionnaires, was conducted in Twi by GHEI staff and CHWs trained in data collection.

Based on the 2013 survey, ownership and usage rates have decreased slightly since 2012, largely because old or destroyed bednets have not been replaced through mass distribution campaigns in the last year. Despite the slight drop in ownership rates, more than 80% of households in the three communities owned at least one bednet as of June and July 2013 (not shown). The results of the 2013 survey suggest that bednet usage rates in the total and children under 5 populations were moderate to high in Humjibre and Soroano in 2013 (Fig. 1A). In Kojina, however, usage rates for both populations dropped substantially from 2012 to 2013, prompting changes to household monitoring. The slight drop in bednet usage rates in Soroano was mirrored by a slight increase in fever prevalence (a proxy for malaria prevalence) among children under 5 (Fig. 1B). Fever prevalence in Humjibre remained stable from 2012 to 2013, but the substantial drop in bednet use in Kojina was mirrored by a sharp increase in fever prevalence among children under five from 2012 to 2013.

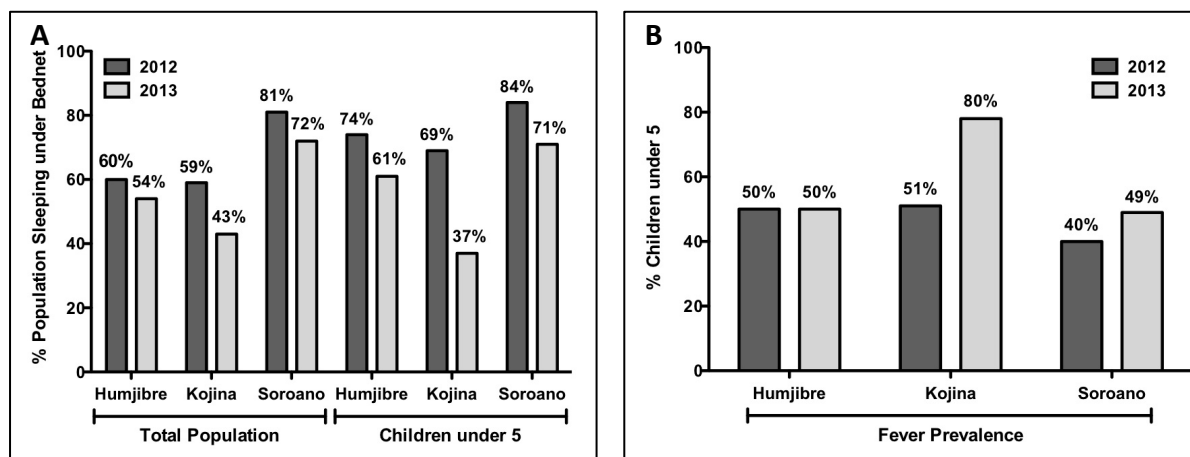


Figure 1. A. Bednet usage rates in total and children under 5 populations, based on percent of individuals that slept under a bednet the night before the survey in Humjibre, Kojina, and Soroano (July/Aug. 2012; June/July 2013). **B.** Prevalence of fever, a proxy for malaria, in the last two weeks among children under five in Humjibre, Kojina, and Soroano (July/Aug. 2012; June/July 2013).

b. Hand Washing with Soap (HWWS) Programme

GHEI's HWWS Programme promotes proper handwashing with the goal of reducing communicable diseases among children in eight schools in Humjibre, Kojina, and Muoho. Since 2010, GHEI has secured funding for and installed polytanks at five of the participating schools. Currently, health staff members meet monthly with 16 student monitors and conduct quarterly surprise visits to monitor HWWS supplies and practice at the schools. GHEI also conducts annual school-based outreach on Global Handwashing Day to reinforce HWWS practice at the schools and recognise schools that have performed well throughout the year. The impact of the HWWS Programme is evaluated annually during a knowledge evaluation survey at the participating schools, as well as through the community-wide evaluation survey conducted as part of the Malaria Prevention Programme.

Evaluation Surveys: During the 2013 student knowledge evaluation survey, administered in February at all participating schools in Humjibre, Kojina, and Muoho, health staff surveyed 104 students aged 5 to 20 years to assess their knowledge of the critical times for HWWS (Fig. 2A). Of note, during the survey, 99.0% of the students surveyed mentioned at least one critical time for HWWS and 75.0% mentioned at least two. In contrast, largely because of low recall of *before preparing food* as a critical time for HWWS, only 26% of students mentioned all three critical times. Results of the survey were used to design the 2013 Global Handwashing Day outreaches, which were focused on HWWS before preparing food.

Further, through the aforementioned community-wide evaluation survey, GHEI staff members, CHWs, and volunteers evaluated the prevalence of diarrhoea and respiratory diseases among children under five in Humjibre and Kojina (Fig. 2B), thereby assessing the impact of the HWWS Programme on communicable disease rates in the community. Overall, rates of diarrheal diseases decreased slightly in Humjibre and Kojina from 2012 to 2013, as shown below. However, rates of pneumonia have increased in both communities, suggesting a need to tailor outreaches to address prevention of respiratory diseases, including pneumonia.

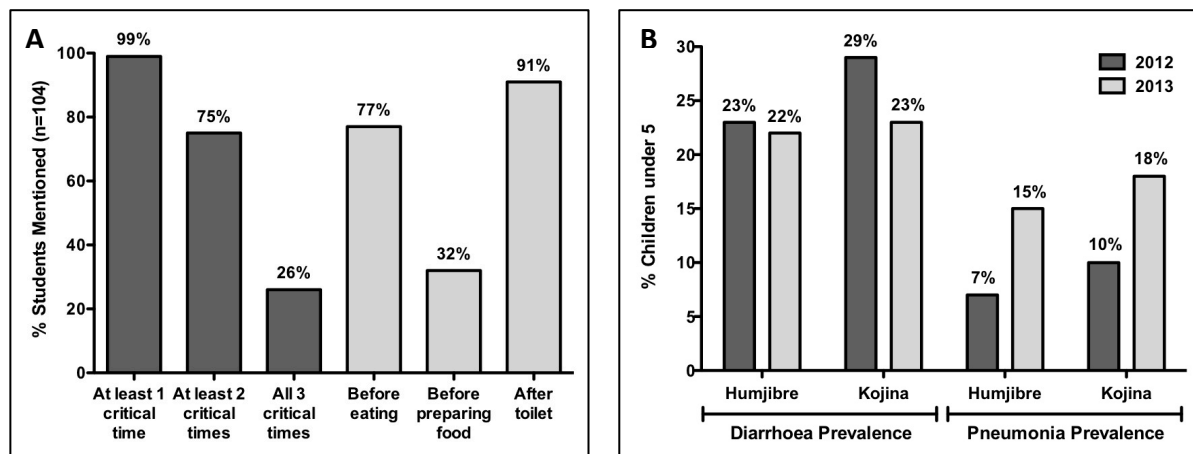


Figure 2. A. Critical times for HWWS mentioned by students during annual knowledge evaluation survey (Feb. 2013). **B.** Prevalence of diarrhoea and pneumonia in the last two weeks among children under five in Humjibre and Kojina (Aug. 2012/July 2013).

Global Handwashing Day: On and around October 15th, GHEI health staff and volunteers conducted outreach at all participating schools in Humjibre, Kojina, and Muoho. CHWs and GHEI staff led the students in the HWWS song, had students demonstrate proper HWWS technique, and provided education on critical times for HWWS. This year's event reached 1605 primary and JHS students in Humjibre, Kojina, and Muoho, representing 89% of the students enrolled in all participating schools. Schools received Key soap, posters, and certificates for their performance throughout the year.

In addition to the school-based HWWS promotional activities, GHEI's health staff and CHWs wrote and performed a radio drama and educational programme to expand GHEI's reach and include families of children under five years of age, most of whom are not directly impacted by GHEI's school-based programming. The radio programme, broadcast on 14th October at Unique FM, included a radio drama about HWWS for food vendors, as well as education about HWWS practice. The programme was also broadcast to Humjibre, Soroano, and Muoho through each community's public address system.

c. Sexual and Reproductive Health Programme

GHEI has been conducting sexual and reproductive health outreach since 2003, including youth-friendly condom sale services in Humjibre and Soroano and annual HIV/AIDS awareness outreaches on World AIDS Day. In 2013, GHEI sold a total of 910 condoms at highly subsidised rates; 69.4% of clients were male and 48.5% were under 25.

Condom Sellers Training: In February, GHEI's health staff trained GHEI's volunteer condom sellers, consisting of CHWs, GHEI staff members, chemical sellers, and drink spot owners. Topics for instruction included condoms and sexual health, HIV/AIDS, unintended pregnancy, and guidelines for respectful and confidential condom sales.

World AIDS Day: On 1st and 3rd December, GHEI hosted World AIDS Day events in Humjibre and Soroano, respectively. In Humjibre, the evening programme was held at the Humjibre lorry park and was attended by approximately 395 people. The outreach featured an educational film on HIV prevention and testing, followed by a short discussion

session, condom demonstration, and free condom distribution. In Soroano, because of rainy weather, the health staff narrated the educational video through the community's public address system and distributed free condoms throughout the town. A total of 1008 condoms were distributed for free to people living in Humjibre and Soroano.

d. Health Facility Delivery Incentive Programme

The Health Facility Delivery Incentive Programme is a new programme in the pilot phase that began in November 2013. In collaboration with paediatric residents from the University of California Los Angeles, GHEI staff and CHWs designed, advertised, and piloted an incentive programme intended to increase the proportion of deliveries in health facilities and to reduce the financial barriers prevention women from delivering in clinics and hospitals. Pregnant women who are in their sixth to ninth months of pregnancy attend distribution days at the Humjibre Community Centre to answer questions about their past and intended delivery locations and receive packages of items commonly collected at health facilities during childbirth (antiseptic, bleach, and soap). After delivery, women return to GHEI to collect a post-delivery incentive package and answer questions about their delivery location. In November and December of 2014, GHEI distributed pre-delivery packages and administered pre-delivery questionnaires to 64 pregnant women.

e. Health Trainings and Advocacy

In addition to the health programmes GHEI manages year-round, GHEI also works to address other health needs and to support and improve the quality of local health care services. With the help of healthcare practitioners in Humjibre and throughout the BAB District, GHEI strives to meet the health needs of the BAB District by offering expertise, resources, and support. In the past, GHEI has identified children with congenital heart defects and provided referrals for free surgery at Komfo Anokye Teaching Hospital through a partnership with a group of volunteer surgeons from Boston Children's Hospital in the USA. To date, six children have received free corrective heart surgery through GHEI's referral programme. Through a partnership between GHEI and the University of California in Los Angeles (UCLA), paediatric residents from the medical school at UCLA volunteer in the BAB District for two weeks every year. In general, their goals are to observe Ghanaian medical practices, provide trainings, and strengthen GHEI partnerships with medical personnel throughout the BAB District.

Training: In 2013, three paediatric medical residents worked with GHEI and district health officials to conduct a series of trainings in neonatal resuscitation from 6th to 18th May. The residents worked at the Bibiani District Hospital, the Humjibre Clinic, and the Chirano Health Center to train or retrain a total of 27 nurses and 15 midwives. The residents also hosted a two-day training with trained and untrained traditional birth attendants (TBAs), focusing on neonatal resuscitation and appropriate referral to health facilities. 11 TBAs from 7 different communities – Humjibre, Ampenkrom, Soroano, Bekwai, Dansokrom, Muoho, and Kojina – attended the training.

Advocacy: In November 2013, GHEI health staff and international volunteers piloted a vision screening and referral programme with 18 students in the ECL Programme. This pilot programme will be expanded to the community of Humjibre during June 2014.

6. Serve and Learn Volunteer Sessions

Every year volunteers from across the globe visit Humjibre to participate in GHEI's Serve and Learn Volunteer programme. Three different groups of volunteers came for two weeks at a time to implement the following activities: Literacy Promotion, Malaria Prevention, and Girls' Empowerment. Additionally, one medical student from UCLA volunteered with GHEI for two weeks through the UCLA Global Health Elective.

a. Literacy Promotion

Quiz Competition: As part of Summer Serve and Learn programme GHEI hosted the 2nd Annual Quiz Competition on 28th June 2013. Student representatives from the 4 Primary and 2 JHS schools in Humjibre compete in their knowledge of specific books selected by GHEI. The competition was divided into three categories – lower primary, upper primary and JHS – and selected books were provided to school authorities to prepare their students for the competition. All schools received participation prizes and the top primary and JHS received cash prizes at the awards ceremony. The 2013 Quiz Competition had the largest turnout to date with an overall attendance of 650.

Soroano Book Box Pilot Project: The primary goal of the Soroano Book Box Project is to increase Soroano DA Primary school P1 – P6 literacy levels through a school-wide ‘Free Voluntary Reading’ programme. Approximately 200 books were purchased and distributed among P1 – P6 classes. GHEI staff and volunteer conducted school outreaches centred on book handling skills, book etiquette, book anatomy and print orientation. Additionally, baseline EGRA assessment was conducted for P3 (lower primary) and P6 (upper primary). To ensure the success of the programme students are expected to read at least 3 times a week for 15 minutes before class or during English class. The Education Programme Manager and Education Programme Coordinator visit the school at least twice a term to check on the status of the book boxes and verify that the students are indeed reading the books.

b. Malaria Prevention

Each year, volunteers in the Malaria Prevention Serve and Learn session assist GHEI staff and volunteers trained in data collection to conduct evaluation surveys in Humjibre and Kojina, two of our catchment communities. In 2013, a group of eight volunteers coded and entered data for surveys administered by GHEI staff, CHWs, and volunteer teachers. A total of 229 and 38 household questionnaires were administered in Humjibre and Kojina, respectively, representing a total of 2184 individuals in the two communities. The data collected through the evaluation survey has been used to assess the impact of GHEI’s health programmes on our catchment communities and to inform GHEI’s decisions to modify or adjust health programmes.

c. Girls’ Empowerment

Girls Empowerment Programme aims to encourage female Form 3 JHS students awaiting their BECE results to stay focused in their academic pursuits. GHEI staff and Western volunteers organised camp activities with the aim of educating and empowering girls. Activities this year included sessions on Self Esteem, Leadership, Family Planning, Sexual Health, and Business and Money Management.

d. UCLA Global Health Elective

One medical student from the UCLA medical school volunteered with GHEI as part of his studies in Global Health in 2013. The UCLA volunteer was based in Soroano and worked with GHEI staff, CHWs, and volunteer teachers to conduct GHEI’s annual evaluation survey. The volunteer worked with GHEI’s HPC to code, enter, and analyse data that has been used to evaluate GHEI’s malaria prevention and other health programmes. A total of 112 household questionnaires were administered in Soroano, representing 906 individuals.

e. Volunteers

The table below displays information on the volunteers who participated in the Serve and Learn and UCLA Global Health Elective programmes in 2013.

NAME	PROGRAMME	ARRIVAL	DEPARTURE
Dan Doverspike	Literacy Promotion	June 14, 2013	June 30, 2013

Michael Kacka	Malaria Prevention	July 8, 2013	July 24, 2013
Susan Choy	Malaria Prevention	July 8, 2013	July 24, 2013
Marisa Capuano	Malaria Prevention	July 8, 2013	July 24, 2013
Salin Nhean	Malaria Prevention	July 8, 2013	July 24, 2013
Helen Baleng	Malaria Prevention	July 8, 2013	July 24, 2013
David Brown	Malaria Prevention	July 8, 2013	July 24, 2013
Elizabeth Raine	Malaria Prevention	July 8, 2013	July 24, 2013
Leah Orvis	Malaria Prevention	July 8, 2013	July 24, 2013
Alexandra Borchardt	Girls' Empowerment	July 26, 2013	August 11, 2013
Amy Silvia	Girls' Empowerment	July 26, 2013	August 11, 2013
Sabrina D'Souza	Girls' Empowerment	July 26, 2013	August 11, 2013
Sarah Erwin	Girls' Empowerment	July 26, 2013	August 11, 2013
Maria Renwick	Girls' Empowerment	July 26, 2013	August 11, 2013
Michael Ngumi	UCLA Global Health Elective	June 17, 2013	July 4, 2013

7. Staff Training

a. Data Collection Training

In June 2013, the Health Programme Coordinator and two Health Programme Assistants conducted a two-day Data Collection Training course for GHEI staff, volunteer teachers, and community health workers. Topics included initiating, conducting, and concluding surveys, maintaining confidentiality, reducing bias, and designing and implementing questionnaire-based programme evaluation. This training served as a refresher course for staff and volunteers previously trained in data collection, as well as a comprehensive course for new staff and volunteers.

b. Data Analysis Workshop

In November 2013, the Health Programme Coordinator conducted a training session and workshop on data analysis and interpretation of annual evaluation results. The purpose of the training was to increase the capacity of GHEI staff to interpret graphs developed from evaluation results and apply those results to programme design and implementation.

c. Teacher Training

Two teacher trainings were held in 2013. In April, GHEI Education staff and volunteer teachers received review training, covering critical thinking, lesson- planning and classroom management. In September 2013, GHEI Education staff and volunteer teachers received training in critical thinking and documenting lesson plans.

d. Computer Training

To build the capacity of GHEI staff and provide on-going educational opportunities, on-going computer trainings are offered to staff by volunteers and Western Coordinators. Topics include Microsoft Word, Excel spreadsheets, database management, email, typing, and internet research.

8. 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
Baby-weighing Clinic	16
Community Meetings	8
GHEI Events	5
Agricultural Meetings	5
Keep Fit Club Meetings	5
Political Meetings	4
Youth Dance	3
Weddings and Engagements	2
Medical Clinic	1
Student Group Meeting	1

9. Meetings, Seminars, and Partnerships

District Health Advocacy Team: Our Country Director, Clement Donkor, has been attending meetings in Bibiani throughout the year in the formation of and as part of the District Assembly's new District Health Advocacy Team. After discussing advocacy tools and potential areas for improvement in the health sector in the BAB district, the team selected an Executive Committee and has agreed on important projects aligned with their focus.

GHEI Annual Retreat: GHEI's Annual Retreat took place this year at the Lagoon Lodge in Winneba in November. GHEI Ghana staff met to discuss the past years success and challenges, and to look ahead to 2014. The staff was joined by our Western Executive Director, Diana Rickard, as well as one of GHEI's founders, Lara Sisel, and two UCLA volunteers, Sarah Gustafson and Emily Huang.

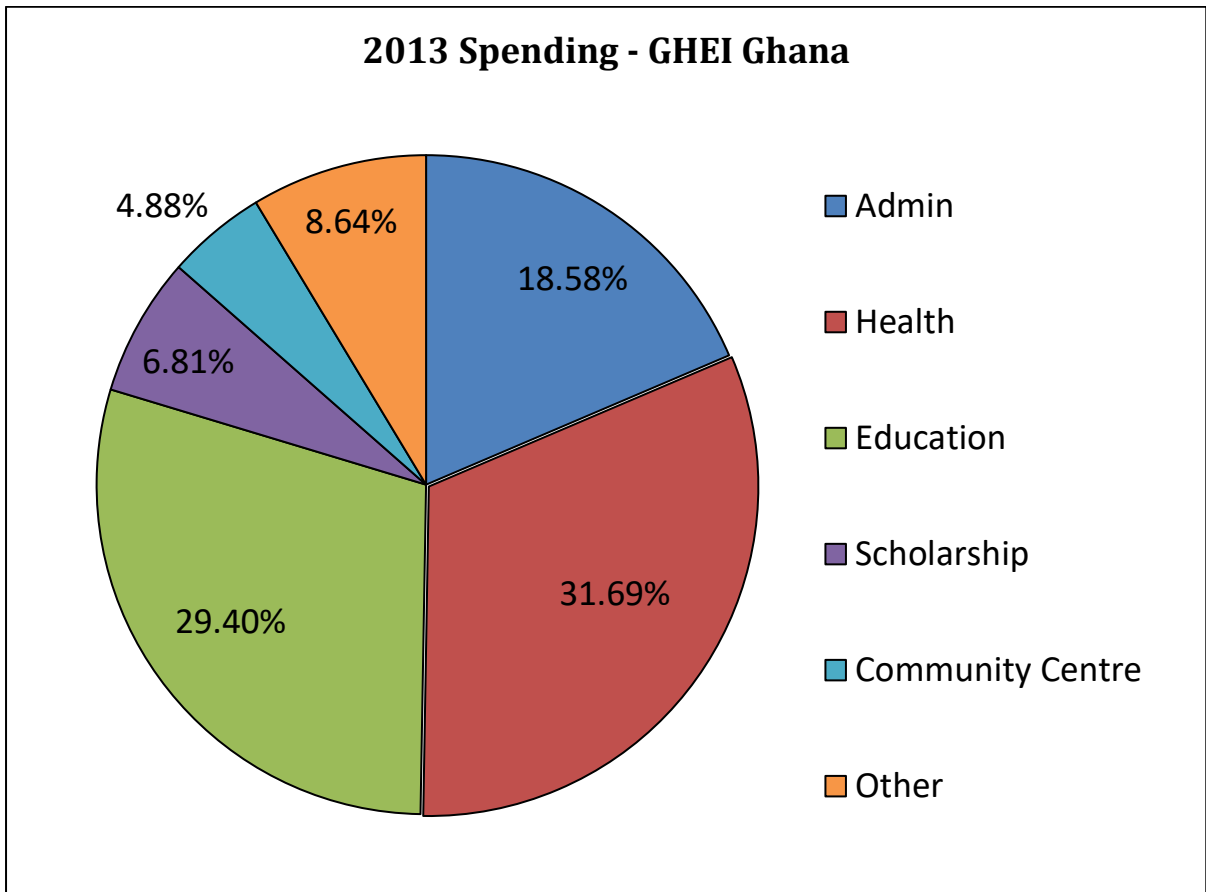
10. Donations

Donations of medical supplies (e.g. stethoscopes and gloves), as well as common drugs (e.g. paracetamol, ibuprofen) by international volunteers were distributed to the Bibiani District Hospital and the Humjibre Clinic in July and August 2013.

11. Finances

Listed below are the organisation's funding sources for the reporting year. Please see the figure on the following page for the breakdown of GHEI funding in 2013.

- Altrusa International Foundation, Inc.
- Books for Africa Libraries
- American Academy of Pediatrics: I-CATCH Grant
- Lincoln Community School in Accra
- Private Individual Donations
- Summer Serve and Learn Programme



12. Conclusion

GHEI has continued its quality health and education programming to address the needs of the people in Humjibre and its surrounding communities. In the upcoming year, GHEI will continue to work with and serve its catchment communities to promote positive health outcomes and educational attainment in the Bibiani-Anhwiaso-Bekwai District.