



What is Engineers Without Borders?

Engineers Without Borders (EWB) is an international student-driven organization that engineers sustainable solutions to health and infrastructure problems in third-world countries. We envision a world in which the communities we serve have the capacity and knowledge to meet their basic human needs. We make this happen by collaborating with local community partners to design and implement student-designed engineering projects. Lack of access to safe drinking water and reliable sanitation affects half of the world population. More disturbingly, unsafe drinking water and lack of hygiene causes the deaths of 1.6 million children under the age of five each year. Our work is making a direct impact on these sad statistics.



Where we work.... ...and how they run

Obodan, Ghana 2006-2008

From 2006-2008 we partnered with a community in Obodan, Ghana. While there, we constructed a chicken brooder house, which was capable of housing 1200 chickens and included a seed storage area and refrigerator for vaccines. Additionally, we constructed an IT Center. Additionally, we provided training to the community members to help create a viable business plan for maintaining the brooder house.

Vida Anim is a sprinter from Accra, Ghana. Her specialty is the 100 and 200 meters. Currently she is part of the Ghanaian record team for the 4 X 100 meters relay, with a time of 43.19 seconds. Anim competed in the 2008 Summer Olympics in the 100 meter sprint. Her fastest time was 11.32 seconds.



Dominican Republic 2009-2014

The majority of our work thus far has been in Batey Cinco Casas and Batey Santa Rosa in the Dominican Republic. We partnered with an NGO, the Batey Relief Alliance, and built a septic system and hurricane-resistant roof for a medical clinic, as well as several single-family latrines. The roof enclosed a previously open building, and as a result, the clinic has expanded to include space for a surgery as well as is able to see a greater number of patients per day. Batey Santa Rosa, the community in which we built the latrines, reports a noticeable decrease in disease. On our most recent monitoring trip, we observed that the community members kept their latrines very well maintained and some members had begun to construct their own.

Luguelín Santos, a 400 meter specialist, is from the Monte Plata province, which contains Batey Cinco Casas. He was the silver medalist in the 2012 London Olympics at the age of eighteen. His 400 meters personal best time is 44.45.



Gomoa Gyaman, Ghana 2013-

In the summer of 2013, we took our first assessment trip to Gomoa Gyaman, Ghana. The community's most pressing need is improved sanitation, and we spent the majority of last year designing a twelve stall community latrine, planned to be implemented in the summer of 2014. While we ultimately were not able to travel due to the Ebola outbreak, we are still in contact with the community and will travel once it is safe to do so.

Another runner from Ghana is Monica Twum. She is part of the Ghanaian 4 x 100 record team. She was a member of the Ghana team in the 2000 Olympics in Sydney, and has competed at multiple NCAA championships while attending college in Georgia. Her personal best for the 100 meter dash, as of 2001, is 11.31 seconds.



Terre Haute, Indiana, USA



Engineers without Borders doesn't just mean outside the borders of the United States. We do a significant amount of work here, in Terre Haute. In the fall and spring, we partner with SAWS, or Servants at Work, and build wheel chair ramps for people in Clay and Vigo Counties. For the past few years, we've worked with an organization called TREES, as well as participated in Rose's Day of Service. The former organization plants trees in various locations throughout Terre Haute. On Rose's Day of Service, we work with other student groups on various projects, such as painting or nailing siding on a house. Often, the greatest and most easily met needs are those directly outside one's own front door.

Terre Haute is home to the Wabash Valley Road Runners club, middle school, high school, and collegiate cross country teams, and independent runners. Additionally, Terre Haute is home to the Lavern Gibson Cross Country Course, the location of NCAA Pre-Nationals (2014), NCAA D-I Nationals (2013), and the IHSAA State Meet.

