



UPCOMING
EVENTS:

- **EWB International Conference** will be held March 22-24, 2012 in Las Vegas Nevada
- Keep an eye out for an upcoming **EWB-USU water quality workshop** presented by Dr. Laurie McNeill and Team Uganda

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EWB Honors Founders

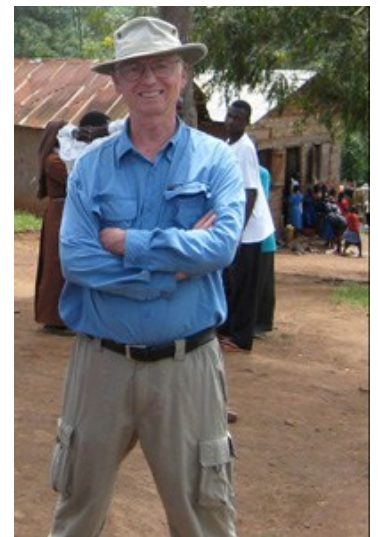
In 2004, Dr. Bill Grenney and a group of students started the USU Chapter of Engineers Without Borders (EWB-USU) as a voluntary engineering service group. Since that time, hundreds of students have participated in



EWB, helping improve the quality of life for communities across the globe with projects such as

potable and irrigation water systems, solar power, internet access and waste management. On Thursday Oct 13, 2011, EWB-USU welcomed John Sapp, who was the founding President of the EWB-USU chapter. John

graduated from USU with a BS degree in Environmental Engineering in 2007, subsequently earned an MBA from Notre Dame, and now is working as a Business Manager for Capital One. John gave a



presentation to the EWB chapter, discussing how his EWB experience has helped him in his professional career. John also presented a plaque that honors Dr. Bill Grenney as well as the past and current members of EWB.

Mexico Update



Our team has traveled to La Salitrera, for the past two years. This is a remote community in central Mexico about 30 miles outside of the city of Irapuato, MX in Guanajuato. During these trips, we have identified several problems with their drinking water: bacterial contamination, poor water pressure, and

unacceptable arsenic levels. On our next trip to the community we plan to fix many of these issues with the water system by providing a means for the well-keepers to maintain a constant water pressure, and teaching community members how to build biosand filters. These filters are a very

affordable, sustainable way of cleaning water which will remove both the bacterial contaminants and the arsenic from the water. We plan on working with the community of La Salitrera for years to come and look forward to our continued relationship with them.

Peru Update

EWB-Peru is working with Tuni Grande, a small town located in the southwest region of Peru to improve the town's water quality and distribution system. Twice a week the residents of this small community

gather at their homes with buckets, barrels, and bowls in an attempt to capture enough drinking water to sustain their family for the remainder of the week. In August 2011, EWB-USU traveled to Tuni Grande to assess the Tuni Grande water system. From this assessment trip EWB-USU discovered the community's water source to be adequate, but their water



distribution system to be extremely unbalanced and unreliable. In 2012 EWB-USU will return to the community of Tuni Grande to assist in implementing a new more reliable, efficient water distribution system.



Uganda Closeout

After 6 successful years, EWB-USU is concluding their work in Masaka, Uganda at the Byana Mary Hill orphanage. Over the last 6 years, EWB-USU has helped implement a variety of projects: solar panels, wells, water pumps, dormitories, lighting systems, a fish pond, and latrines. EWB-USU has also assisted the orphanage with educational materials such as books, computers, typing programs, and internet access. Though USU students will stop traveling to the orphanage, EWB-USU's invaluable relationship with the orphanage has not come to end. EWB-USU will

stay in contact with community leaders to assist in routine maintenance of all projects. Sustainability of projects is of the utmost importance. EWB-USU is very grateful for all the support and help given to our Uganda team over the years. Not only did you assist USU engineering students to develop vital engineering and leadership skills but you personally made all the difference in the lives of hundreds of African orphans. Thanks to support from our donors, we were able to improve the orphanage's sanitation, classrooms, water distribution, and overall quality of life.



Mountain Regional Conference

Two students and one faculty mentor from the EWB USU Uganda team traveled to the 2011 EWB Mountain Regional Workshop in Tuscon Arizona. There they presented an overview of lessons learned from the

Uganda team's six years of experience working with an orphanage near the town of Masaka in Southern Uganda. The information presented was collected by evaluation and monitoring in preparation for a closeout

process for the Uganda program. In Tuscon, they also had a chance to network with other EWB teams and learn a great deal of information that will undoubtedly prove useful to future EWB USU teams.

“Sustainability of projects is of the utmost importance to EWB-USU”

Donations are accepted
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ewb.usu.edu

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Special thanks to our donors

To all of you who have supported EWB with your interest and generous donations, we want to send our thanks. Because of you we have sent invested students to communities in Uganda, Peru, and Mexico with the charge to improve the quality of life. And, because of you, we have taken some large steps forward in fulfilling that charge. Our communities also send their thanks, from a small orphanage in Uganda excited for light and clean latrines, to a mountainous Peruvian village looking forward to clean water. Many members of each community have asked us to personally send their thanks to our supporters. Without you, we would be stuck in a classroom discussing theory while our communities were no better. This year we anticipate the opportunity to take our projects further in both Mexico and Peru. Please read the team updates for more details. Again, we want to thank you for your generosity and send our heartfelt hope that 2012 brings you success and joy.

We would like to thank our generous donors

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