



Your Dollars at Work with **ENGINEERS WITHOUT BORDERS USA** UNIVERSITY OF MINNESOTA

Donate \$100-\$999 to become an EWB-USA UMN Supporter!

With \$810 in sponsored donations in addition to funds raised by volunteer families within our partner community of Molubere, Uganda, 45 improved cook stoves were purchased for implementation and study in a pilot introduction program in 2010. Around 3 billion people rely on burning solid fuel (wood, biomass, etc.) for cooking and heating (WHO, 2011). The open burning of these fuels produces high levels of air pollution known to cause a range of severe health problems. To address this issue in our partner community of Molubere, EWB-USA UMN piloted a program to introduce the community to cook stoves of an improved design that reduces carbon monoxide and particulate emissions. Become an EWB Supporter today to support more EWB-USA UMN programs that improve the health of living environments around the globe.



Donate \$1,000-\$2,499 to become a Community Builder!

A donation of \$2,200 can fully fund up to four students to travel to Guatemala or Honduras, and a donation of \$1,800 can similarly send one student to Uganda. Beyond supporting community-driven development programs, EWB-USA UMN creates more experienced and responsible leaders. The opportunity for a student to travel and work directly with our partner communities provides an incredible, transformative experience not found within a university classroom. Also, working onsite is vital for developing strong relationships with our partner communities, for conducting thorough assessments, and for safe, high-quality implementations. To reduce costs, EWB-USA UMN looks early for the least expensive travel options possible, and every traveling member contributes a significant portion to their own travel costs. However, EWB-USA UMN aims to ensure that cost is not an undue impediment for our student volunteers. Generous donations can help keep this barrier between our members and our international community partners low. Partner with EWB-USA UMN to support community building efforts around the world.



Donate \$2,500-\$9,999 to become an International Partner!

With funds of \$6,300, a group of four EWB-USA UMN students and two mentors completed an initial assessment trip to Agua Caliente, Guatemala in March of 2012. The assessment phase of each EWB-USA UMN project plays a vital role in ensuring project sustainability. In the trip to Agua Caliente, members of our chapter were able to meet community members for the first time and collect surveys regarding community demographics, living conditions, and desired areas for improvement. Necessary technical data was also collected, including GPS data of local agricultural fields and a detailed inspection of the current dam and ram pump system community members use to elevate irrigation water to more fields. The data collected in the community during this assessment trip will be invaluable in completing a detailed alternatives analysis and final designs tailored specifically for the Agua Caliente community. Donate at the International Partner level to support EWB-USA UMN's efforts for sustainable, partnered, and life-changing international solutions.

Donate \$10,000-\$24,999 to become a Global Sustainer!

884 million people lack access to an improved water source, leaving them at high risk for the harmful or deadly water-related illnesses and diseases that an improved water source could prevent (WHO, 2010). EWB-USA UMN strives to address the water needs of our partner communities with sustainable, long-term solutions. Your donation of \$10,000-\$24,999 could fund the construction of an entire rainwater harvesting system, providing a safe water source for 250 to over 1,000 children, students, and families. For 5 weeks in May and June of 2012, eight EWB-USA UMN students and three professional mentors will travel to Bugonzi, Uganda to implement a rainwater harvesting system. This system will provide safe, clean water for more than 300 primary school students as well as for a number of surrounding families in need of a reliable water source. \$16,500 of generous donations are necessary to meet the costs of labor and materials for the system implementation. Truly become a global sustainer by partnering with EWB-USA UMN, and help us in our mission of uniting water and people.



Donate \$25,000+ to become a World Steward!

In 2009, \$30,000 in sponsored funds enabled EWB-USA UMN, EWB-USA Virginia Tech, and Hope Integrated Academy of Molubere, Uganda, to construct a groundwater distribution system complete with a submersible pump, a pump controller, and solar panels. Hope Integrated Academy, or HIA, is a trade school serving approximately 500 children and community members in addition to housing more than 300 of those students, most of whom are AIDS orphans. When EWB-USA UMN partnered with HIA, the school lacked a reliable source of clean water; the few and limited nearby water sources were turbid, contained harmful bacteria, and fluctuated with the seasons. EWB-USA UMN's partnership with HIA and the Virginia Tech chapter of EWB-USA resulted in an effective groundwater well and distribution system that supplies up to 7,000 liters of water per day to HIA, enough to accommodate HIA's foreseeable expansions. Donate at the World Steward level to enable the students of EWB-USA UMN to continue groundbreaking programs that improve water quality and access around the world while building better student leaders, today.



Thank you for your support!

How to donate:

Visit www.ewb-umn.org today! Or,

To Send a Check:

Address the donation to:

The University of Minnesota Foundation

Write in the memo field:

Engineers Without Borders - University of Minnesota Chapter

Then mail to:

Department of Civil Engineering

500 Pillsbury Dr.

Minneapolis, MN 55455

Attn: EWB-UMN

***Donations to EWB-USA UMN are 100%
tax-deductable.***

We appreciate our sponsors!

Become a sponsor at any of these levels and receive recognition on our website. Donate \$2,500 or more to have your name or logo on our students' t-shirts. Become a World Steward and additionally receive recognition on the front page of our website!

