

*The Johns Hopkins University Chapter of
Engineers Without Borders-USA
invites you to our*



2nd Annual

Dessert Reception & Fundraiser

*Please join us in supporting the community development work of the
Johns Hopkins University Chapter of EWB-USA in Ecuador, Guatemala,
South Africa and Baltimore. Network with our passionate young engineers
and scientists, as well as our professional mentors.*

*Sample fine desserts and partake in a raffle of handicrafts from Ecuador,
Guatemala and South Africa, as well as goods from local businesses.*

TUESDAY, FEBRUARY 2ND, 2010

Event begins at 7:00 pm

Glass Pavilion

***3400 North Charles Street
Baltimore, Maryland 21218***

***Please R.S.V.P. by January 25th, 2010
to ewb-jhu@jhu.edu***



ENGINEERS WITHOUT BORDERS-USA, JOHNS HOPKINS UNIVERSITY
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**JOHNS HOPKINS
UNIVERSITY**
WHITING SCHOOL OF ENGINEERING

About EWB-USA

Engineers Without Borders-USA (EWB-USA) is a non-profit humanitarian organization that contributes to meeting the United Nations Millennium Development Goals through engineering and technological means.

The activities of EWB-USA programs range from constructing sustainable systems to enhancing technical, managerial, and entrepreneurial skills of the communities. In the end, all projects revolve around the theme of using engineering in "Building a better world, one community at a time."

Acknowledgments

The work of EWB-USA and EWB-JHU would not be possible without the generous support of our many sponsors, including, but not limited to:

- The Whiting School of Engineering
- JHU Society for Engineering Alumni
- JHU Center for Social Concern
- The Rotary Foundation, including both U.S. and International Rotary Clubs
- Individual & business donors

Vision & Mission

The vision of EWB-USA is a world in which all communities have the capacity to meet their basic human needs. In light of this vision, EWB-USA supports community-driven development programs worldwide through the design and implementation of sustainable engineering projects while fostering responsible leadership.



Children of the Santa Rosa de Ayora, Ecuador.

JHU EWB-USA

The Johns Hopkins University Chapter of Engineers Without Borders (JHU EWB-USA) was established in Spring of 2005 and strives to fulfill EWB-USA's goals of partnering with and helping disadvantaged

communities worldwide.

Current Projects

ECUADOR The community of Santa Rosa de Ayora, Ecuador needs a daycare center for its young, unsupervised children. Two assessment trips occurred in 2007 and 2008. Preparation for the first implementation trip moves forward with building designs, fundraising, and continued communication with community contacts. *Contact project leaders: Carolyn Purington (cpuring1@jhu.edu) & Hyun-Sun Seo (hyunsunseo@gmail.com).*

GUATEMALA The closest source of potable water in Chicorral, Guatemala is located at the bottom of a steep, 70-meter ravine. To make transportation of water less labor intensive and time consuming for the women and children, a solar-powered pump has been designed to do the work instead. An assessment trip took place recently in Summer 2009 and helped to finalize plans for a 2-phase implementation that will start in January 2010. *Contact project leader Jack Zhang (jzhang41@jhu.edu).*

SOUTH AFRICA In KwaZulu-Natal, South Africa, manually transporting water from nearby streams to gardens is labor intensive and time consuming preventing sufficient time spent on caring and educating the young. In response, this team has been installing ram pump irrigation sys-

tems. Meanwhile, the long term goal is to provide sustainability by collaborating with the Zakhe Agricultural College (ZAC) in dispersion of the technology and education of the ram pumps. *Contact project leaders: Sophie Su (ysu8@jhu.edu) & Mike Wheeler (mwheel14@jhu.edu).*

BALTIMORE Our first local project is located in Remington, a community just outside of Hopkins' undergraduate campus. A recent influx of young families into the community has created a need for a safe public space. In response, EWB-JHU in collaboration with the Center for Social Concern is designing and implementing a community park and educational garden. Future plans include a better garbage disposal system and comprehensive recycling center. *Contact project leader Mary Vitale (mvitale2@jhu.edu).*



The ravine leading down to the closest source of potable water for the community of Chicorral, Guatemala.

Your Involvement

EWB calls for students, professors, and professionals who are motivated to help make a positive impact on the world they live in. This invitation is extended to engineers and non-engineers alike since it is not only the technical expertise that is desired,



Team members work together as they prepare for installation of a ram pump system in KwaZulu-Natal, South Africa.

but also the ability to overcome cultural, economical, and political challenges that come with such projects. However, what is most important in the end is the passion and commitment given to the project.

Additional Information

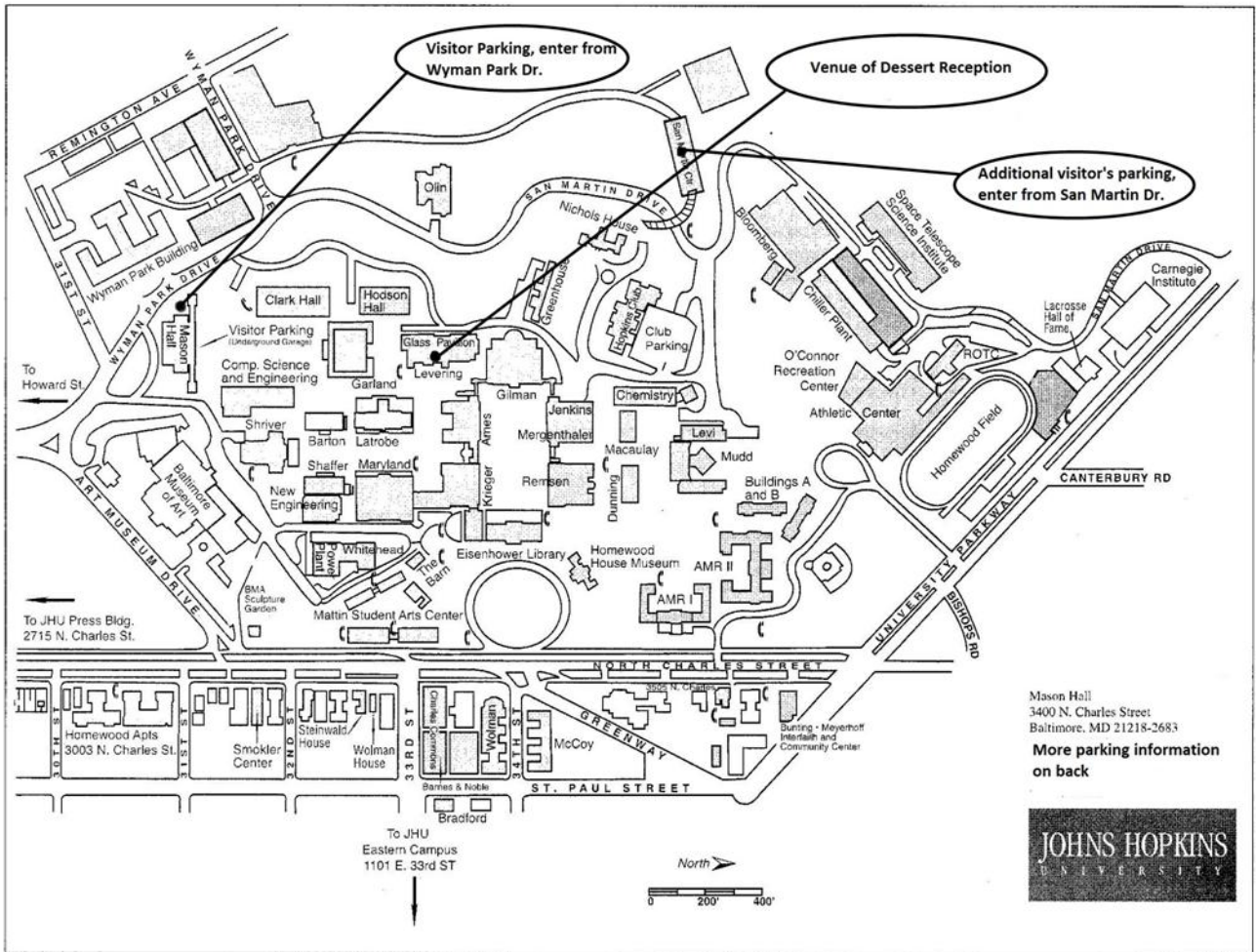
Tax-deductible donations can be made via checks made out to "Johns Hopkins University" with "EWB-JHU" in the memo line.

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EWB-USA: <http://www.ewb-usa.org>

JHU EWB-USA: <http://www.ewb.jhu.edu>

Email: ewb-jhu@jhu.edu



Parking options:

Mason Hall underground parking (as marked on map)

\$5 flat rate after 4pm—recommended

San Martin Dr. Garage (as marked)

\$5 flat rate after 4pm

St. Paul and Charles Street Parking

Free after 6pm

Directions and Address:

http://webapps.jhu.edu/jhuniverse/information_about_hopkins/campuses/homewood_campus/

Johns Hopkins University

3400 N Charles St.

Baltimore, MD 21218

If lost on day of— please call either

Jessica Shiao 913-593-8689 OR

Sunny Chen 303-359-3460