

COLLEGE OF ENGINEERING
UNIVERSITY OF WISCONSIN-MADISON

Hello!

As a new year of EWB begins, our student chapter wanted to share some information with the Madison Area Professional Chapter. Please read the updates and requests below. If there are any questions, please feel free to contact ewb.wisc@gmail.com or refer to our chapter website at www.ewbuw.org. Thank you for all of your efforts!

NEW! Fall 2011 Workshops

EWB-UW is trying to start workshops for students to help them with their projects as well as to develop future skills. The workshops would be used to educate members in skills that apply to what they are doing, and they bring the different projects together and make them work together. Below are some of the requests for workshops we have received. If you have any expertise or experience in these areas below please contact ewb.wisc@gmail.com to set up a workshop or to add to the workshop list! Our student group is very excited about these new opportunities, so please get involved.

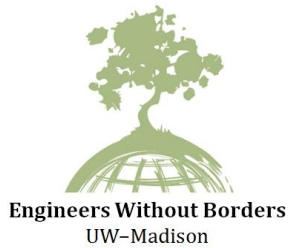
- Land surveying
- Slope stability monitoring
- Sustainable farming practices
- Clean water technologies
- Water resources in developing countries

New! Fall Newsletter

Be on the lookout for student and project updates this fall in the new EWB-UW electronic newsletter! If you would like to receive these bi-annual updates please e-mail your contact information to ewb.wisc@gmail.com.

Brown Bag Lunch and Company Presentation Opportunities

EWB-UW is interested in giving brown bag lunch or company presentations this year to area businesses in an effort to make fundraising contacts and develop professional partnerships. If you could put us in contact (please email ewb.wisc@gmail.com) with the appropriate person in your company or share this information with other professionals it would be greatly appreciated!



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EWB-UW Mentorship Needs 2011-2012

We have sent out an inquiry to Project Managers asking what they need for mentors for the upcoming school year. Please read below the requests, and if you think you can fill one of these roles please contact the Project Managers. For more information about each project please visit the EWB-UW website www.ewbuw.org and click on the 'Projects' tab. Thank you!

Domestic

Project Managers: Christina Cappy (cappy@wisc.edu) and Alyssa Offutt (aoffutt@wisc.edu)

Mentor specialty: Landscape architect/planner

Length of commitment: 1 year

Short write-up of the role expected to take in project and other responsibilities:

We are looking for someone who would be able to help us design the lay-out for our biofiltration garden for Vilas beach. We are hoping they can bring their experience with drafting and structure to help us create something that is aesthetically pleasing and accessible to the community.

Frequency of attending meeting: We are currently not ready to implement our biofiltration garden, and therefore we would only need to meet once a month to discuss design.

Travel: Our travel distance is continentally very short, and therefore they'd be welcome to join us!

Paying for travel expenses: There is not much cost associated with our traveling; we could always give them a ride.

Anything else that would be important: Any background in botany would be great (but not necessary)!

El Salvador

Project Managers: Jen Hintz (jhintze@wisc.edu) and Chris Dawson (chris.dawson27@gmail.com)

Mentor specialty: Wastewater engineering

Length of commitment: 1/2 year to 1 year

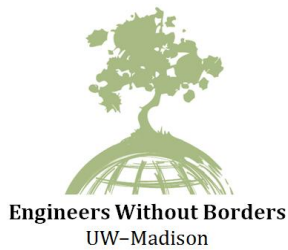
Short write-up of the role expected to take in project and other responsibilities:

The implementation of a gravity based greywater and wastewater collection pipeline will finish in January of 2012. The current issue within the community is ensuring that the wastewater treatment plant that the pipeline is feeding to is functioning. The mentor would go through the system design with students and brainstorm ideas of how to improve the plant.

How often do they need to be around for project meetings (weekly, once a month, etc.)? Bi-weekly to monthly.

Asking them to travel? If yes, what time of the year and for how long? If available yes but not necessary.

Will you be asking them to pay for their own travel expenses? Asked to pay as much as student travelers.



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Haiti

Project Managers: Bridgette Brown (blbrown@wisc.edu) and Ian Toner (tonner@wisc.edu)

Mentor specialty: Latrine construction, waste management, and/or general sanitation construction

Length of commitment: 1-2 years

Short write-up of the role expected to take in project and other responsibilities:

As a mentor you would help us with the process of designing, building, and successfully implementing compost latrines in Haiti.

How often do they need to be around for project meetings (weekly, once a month, etc.)?

Monthly.

Asking them to travel? If yes, what time of the year and for how long?

Yes, for usually one week, maybe two weeks at most for implementing trips, usually during winter break and early in the summer. On occasion we have traveled during spring break in the past as well. Travel however is not necessary to act as a mentor.

Will you be asking them to pay for their own travel expenses? We would ask that they pay the same share any of us students would have to pay.

Kenya

Project Managers: Claire Davis (cedavis2@wisc.edu) and Drew Birrenkott (dbirrenkott@wisc.edu)

Mentor specialty: Agriculture, irrigation, business, community relations, and/or clean water

Length of commitment: 1-2 years, but any form of guidance (even short-term) would be appreciated

Short write-up of the role expected to take in project and other responsibilities:

General engineering knowledge to help guide students in the design process. We are working on finishing up a business plan for the biosand filter project. Anyone with small business experience or experience working on projects in Kenya would be really helpful. Upcoming areas where we will want assistance are business decision making (how much money is appropriate to put into the business, etc.), monitoring and evaluation (how to create clear surveys to gather the right info necessary to make conclusions about the effectiveness of the project), and help with water testing methods.

How often do they need to be around for project meetings (weekly, once a month, etc.)?

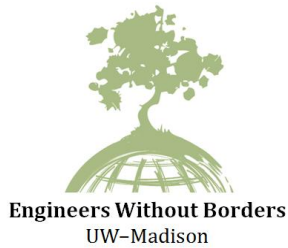
Weekly would be best, but once a month would be sufficient. We would be willing to Skype with them if they are not really close to the Madison area. Also, quick e-mail response is appreciated.

Asking them to travel? If yes, what time of the year and for how long?

Only if willing, if so for either three weeks in January or four weeks in August of any year.

Will you be asking them to pay for their own travel expenses?

Dependent on funding, but ideally pay for a part of travel expenses.



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Rwanda

Project Managers: Ben Koch (bikoch256@gmail.com) and Rita Argus (argus@wisc.edu)

Specialty: Structural engineering and water resource management

Length of commitment: 1-2 years

Short write-up of the role expected to take in project and other responsibilities:

The first is currently in the assessment stage of a health clinic. The clinic is going to be a building built on a brand new site and is looking for a commitment of at least two years for developing the clinic design, assessing the ground area, and beginning construction in a 2-year period. The clinic needs structural engineers as well as people interested in optimizing health care design and creating sustainable health care buildings.

Additionally, we are in the process of building a rainwater catchment tank and repairing a water pipeline. These two projects will begin in the assessment stage after this summer to determine the future of the projects but will quickly move in to implementation phase based on determining a problem and community needs. Specifically, the pipeline is looking at tapping into a new source, which will need water resource and structural engineers to help determine the most effective tapping technique.

How often do they need to be around for project meetings (weekly, once a month, etc.)?

Weekly commitments of one hour is preferred to help students. However, any commitment will be greatly appreciated.

Asking them to travel? If yes, what time of the year and for how long?

Once again, any help is appreciated. However, mentors who are willing to travel are greatly appreciated for either 2-3 weeks in August or January.

Will you be asking them to pay for their own travel expenses?

Mentors are not expected to pay for their travel expenses. The help that they offer is well worth the cost of their trip.

EWB-UW Early Fall Schedule

August 5-30: Kenya implementation and assessment

August 13-30: Rwanda travel

August 27-September 3: El Salvador assessment trip

Thursday September 8TH: EWB UW Fall Kickoff

September 9TH: EWB PM/Executive In-Service

Week of September 12TH: Project Kickoffs

****Please refer to our chapter website for the most up-to-date information & contacts****

www.ewbuw.org