



MAPConnect

August 2016 Newsletter

Happy Summer!

Dear MAPC members,

We hope you are enjoying the summer and re-charging energies for the upcoming academic year! Thank you for your continue support.

The current EWB-UW projects ran at full speed during the spring semester thanks to your support and involvement. We continue to find new amazing mentors interested in our mission - keep spreading the word!

The program in Ethiopia is now up and running and has been officially established as an EWB-USA program.

As we approach 2017, we are entering a new Executive Committee elections cycle. We expect to hold elections in December 2016. Stay tuned for additional information on leadership opportunities.

The MAPC has initiated a closer partnership between EWB chapters in Wisconsin and ASCE-WI (American Society of Civil Engineers- Wisconsin Section). This is a natural fit due to the national organizations' established partnership, and we hope will benefit both groups. Initially, EWB chapters in WI will be have a display table and presence at ASCE conferences.

In an effort to stay connected and improve communications within the chapter, we will hold monthly meetings on the first Wednesday of every month starting in September. Please join us on Wednesday, September 7th, to learn about our ongoing work, network with peers, and find out how you can get involved. Remember to bring your friends! Is there a topic, speaker, or discussion you would like to hear at a meeting? Please let us know

MAPC Executive Committee - Brad Hughes, Matt Roling, Josh Accola, Maria Zarzalejo.
ewbmapc@gmail.com

MAPC-Led project update

At the end of April, we held a MAPC meeting to discuss the potential for the chapter to start our own EWB-USA program. The meeting was well received and an "Exploratory Committee" was formed by the end of the meeting. Their task was to investigate all potential paths forward and report back to the chapter with a recommended course of action. A follow-up meeting was held towards the end of May to discuss the results of the "Exploratory Committee's" efforts. There are many avenues the chapter can take moving forward, but it was concluded that the best course of action would be to get take on a portion of an already active program. However, if we are to move forward [we need to a couple of individuals to step forward to lead the charge.](#) If leading a professional-led project is appealing to you and you are willing to help push this effort through completion, please [contact](#) the Executive Committee.

Intro and MAPC project Led Update 1	Upcoming Events and Current Opportunities 2	Projects Updates 3	Member Spotlight 4	Scholarship Grant 5
--	--	-----------------------------------	-----------------------------------	--------------------------------



Upcoming Events (Check our calendar [here](#) for location and more info)

EWB-MAPC Summer BBQ, Thu, August 25th, 5:30pm - 8pm (Vilas Park).

MAPC Meeting, Wed, September 7th. 6:00-7:30pm.

EWB-UW Chapter student meeting schedule for the fall term coming soon

(Confirm time and locations with the MAPC calendar [here](#) when the term starts)

MAPC at ASCE Wisconsin Section Annual Meeting, Friday, Sep 16, 2016.

Location: Grand Geneva Resort in Lake Geneva, Wisconsin. Interested in being part of the MAPC table? contact the Exec Comm at ewbmapc@gmail.com

MAPC Meeting, Wed, October 5th. 6:00-7:30pm.

MAPC Meeting, Wed, November 2nd. 6:00-7:30pm.

2016 EWB-USA Great Lakes Regional Conference, November 11-13, 2016.

Location: Columbus, OH. Interested in attending the Great Lakes Regional Conference to network with others and learn a ton about EWB? Contact the Exec Comm at ewbmapc@gmail.com

Current Opportunities:

- Fill out our [Member Inventory](#) if you haven't already
- Attend the next MAPC Meeting on September 7th, to share, network, and learn about our work
- Provide expertise to an upcoming workshop for students - [Contact us](#)
- [Inquire about the potential for an EWB program led by MAPC](#)
- Share this newsletter with a friend
- Host an MAPC meeting at your office - [Contact us](#)
- Suggest an MAPC social event - contact Maria
- Leave behind some MAPC info at your local coffee shop or library - see page 5 for our tri-fold.



Project Updates

Guatemala Lead Mentor - Kevin Frost (Kevingfrost@gmail.com)

The Guatemala student group continues to work toward the design and implementation of a new, 28 meter foot bridge for the village of Rio Lindo. The students will be traveling in early August to survey the bridge site of Rio Lindo, located in the Joyabaj province of Guatemala. The student team will assess the cross section of the rivers to verify their hydrological data and bring back soil samples of the foundations. The group will also conduct assessments of their previous water projects in Azucenas and Pajuya, and conduct health outreach for the local communities during the trip. The students will also visit the site of their upcoming project for the 2016-2017 school year, a new water project for the village of Zapote.

Ethiopia Lead Mentor - Josh Accola (colastallion@gmail.com)

The end of spring semester and summer has been very fruitful for the Ethiopia Group. They have now been officially established as a EWB-USA program by receiving approval of their 501- Community Program Application and 502 - Chapter Application documents. In addition, the group has brought on 2 additional mentors who are new to EWB, but not international development work: Mike Majer a structural engineer and returned Peace Corp volunteer; and Martin (Marty) Havlovic a UW-Extension Community Resource and Economic Development Educator and returned Peace Corp volunteer. We are very excited to have them on board! The next step for the group will be the 521 Pre-Assessment Report and logistical planning to be prepare for an assessment trip tentatively planned for Winter 2016-17. Fundraising will also be a big push this upcoming semester to establish funding for the project. If anyone would like to help with fundraising or grant writing don't shy away from contacting one of the current mentors on the project: Dan Williams, dwilliams@aeieng.com; Wes Slaymaker, wes@WESengineering.com; or Josh Accola, joshua.accola@aecom.com.

Uganda Lead Mentor- Larry Ryan (lw_ryan@msn.com)

The Uganda project aims to provide clean water to the community of Lweza with a population 6,000. The group continues to put a high level of effort and time into this large project. The reservoir site has been relocated successfully to resolve previous land ownership issues. MAPC mentors have been supporting the student chapter very closely in the design of the storage tank required for the water system, and providing guidance in identifying and planning solutions for various challenges that arose during the spring term. Due to the large scale of the project, students and mentors continue to evaluate the feasibility of the project as the design face proceeds. The main objectives going forward are enhancing communication effectiveness with the community, confirming the feasibility of the project throughout discussions with stakeholders, and improving scheduling within the student group.

MAPC mentors will hold a planning session the first week of September to better support student needs in the planning area of the project.

Funding for this project has been a challenge to date. The student chapter continues to work with EWB nationally and other sources to find the necessary resources. To get involved in this project, please contact Tom Jenkins at tom.jenkins.pe@gmail.com or Larry Ryan at lw_ryan@msn.com.



Ecuador - Lead Mentor - Dave Sauer (dave.sauer@cedarcorp.com)

The Ecuador project continues to make progress. The EWB – TAC meeting was held 6-8-2016 and TAC approval was dated 6-29-2016 for the proposed 8-17-2016 to 8-27-2016 Tabuga, Ecuador implementation trip. This trip will focus on education/training for the maintenance of the water system/water system upgrades, adding additional water flush valves to the distribution system, replacing additional water piping for improved water distribution, finish electrical work for the float pump control system at the water supply well and install a new water reservoir cover. Each of these items will improve the existing water supply system for the community. In addition, additional information will be collected to design a rainwater catchment system to collect and store rain water to be used for a potential community wide laundry wash station. Laundry is currently completed adjacent to the local stream running through the community.

New Section!

Member Spotlight

Each issue of MAPConnect will feature one of its members in the Member Spotlight. It's a great way for you to meet your colleagues and find motivated members with similar interests. If you want to nominate members (or even yourself!) Feel free to email the Exec Comm at ewbmapc@gmail.com

Dan Williams - Senior Electrical Designer at Affiliated Engineers

- ★ **How did you get involved with EWB?** EWB was invited to and presented at AEI. Had to google it to be honest but I thought it fit well with my skillset.
- ★ **What inspires you to be involved in EWB?** I think we're all obliged to help out in some way – wherever and whenever we can.
- ★ **What is your professional background and experience?** Former enlisted soldier and Army officer, thirteen years as an electrical contractor, three years as a department manager for a large electrical contractor, licensed electrician and now senior electrical designer for AEI. I've also had the opportunity to travel to at least twelve different countries.
- ★ **What do you enjoy most about mentoring?** It's nice to be able to pass along life and work lessons to those that are eager to learn.
- ★ **What have you learned/gained from working with students?** Gained a renewed sense of enthusiasm.
- ★ **What has been your favorite travel experience?** Peru – one month, traveled all over the country. A close second is Scotland, to which I've traveled to nine times.
- ★ **What do you do for fun outside of work and EWB, any hobbies?** I play drums, exercise daily and have interest in anything related to energy conservation or renewable energy. I have interest in all things Scottish (my wife is from there) and have a collection of 74 different single malt whisky's.
- ★ **Is there a book that you would recommend?** Enchanted Objects by David Rose – it's about the internet of things. A very solid “geek” read.



Scholarship Award - Rebecca Alcock

The MAPC Scholarship was awarded to Rebecca. She has travelled to Guatemala in the past and intends to travel again in 2017 for the implementation trip of Rio Lindo pedestrian bridge.

Hometown: Decorah, IA

Major: Biomedical Engineering

Certificates: International Engineering, Biology in Engineering

Expected Graduation Date: May 2018

Extra Curricula Activities: EWB, Research at UW's Neuromuscular Biomechanics Lab - Badger Athletic Performance, Volunteering at Centro Hispano, Biomedical Engineering Society



Download our new corporate partnership Tri-Fold and post at your workplace, or simply leave behind at the coffee shop or library -- [link to trifold](#)

Post a meeting notice for us - download, add the date, and post -- [link to meeting notice](#)

Would you like to host an MAPC meeting at your office? [Contact us](#)

Want to learn more about what's going on ?

Go to the [MAPC Website](#)

Follow, Like, share, Love us:

[Twitter](#) - [Facebook](#) - [Linkedin](#)

[Donate HERE](#) Every Contribution counts! And a big thank you !

