

EWB Portland Maine Professionals

4/17/18 Meeting Minutes

President Nadia Glucksberg opened the meeting with a welcome to all and updates as follows:

FUNDRAISING: Portland Uncorked! was a HUGE success!! Thank you for everyone's help! It was the best year ever for attendance, corporate sponsors, and auction/raffle profits. The net profit for the chapter was about \$23,000, which will go a long way toward funding our projects. Thank you!!

STEM OUTREACH: Three chapter members did a presentation to King Middle School on Thursday, April 11. We used the Ethiopian school construction project as a way to contrast construction method differences. The students asked a lot of very good questions.

Need volunteers for Thursday, April 26 when Portland High School students will present their reverse engineering projects to a panel of judges. Volunteer engineers are needed for the judge panel. Please contact Rosalee Lamm at lammr@portlandschools.org if you are able to attend and judge.

The PMP chapter has been invited to participate again in the "Festival of Curiosity" at Cape Elizabeth Middle School on Friday, June 1 from 9AM to noon. Volunteers are needed for this event. Currently, Nadia G., Kathy HR, and Lars Whelan will be staffing the EWB PMP table at the event. Please contact Kathy Hillman Reed at khillmanreed@gmail.com if you are able to participate.

EL PROGRESO, ECUADOR: This is a water project that will start as water distribution project and may grow. The first travel team went to Ecuador for the assessment on January 21, 2018. The team is currently preparing the Alternative Analysis report for submission. The second trip is being lined up for later this summer. If you're interested and want to get involved, let Neil Franklin know (franklinn31@gmail.com) as this team meets separately for planning and completing the EWB requirements.

DEBRE BIRHAN, ETHIOPIA: Our portion of this project is the design and construction of a school for 1000 K-12th graders, with support for the latrine design and miscellaneous support as needed. Currently construction continues with hope for the first building to have walls this summer. With the recent and ongoing unrest our work continues slowly but it does continue. Funds were recently wired to the in-county project manager to continue with the walls, doors, and windows. There is hope that the school will open for September (again). If you are interested in getting involved, please contact Nadia at nglucksberg@haleyaldrich.com. Project team meetings occur separately.

HAITI BRIDGE TEAM: The Haiti Bridge Project is back up and running. We are moving forward with the design and construction at Perches. Cashman is moving forward with purchasing a portable drill rig. We still need to identify exactly how EWB can help with this project and when travel might be possible. Please reach out to Nick Dempsey (Nicholas.dempsey@hdrinc.com) if you are interested in working on this project.

EWB CHAPTER OUTREACH: Congratulations to Baxter Maitke who is taking over the Noetheast liaison role for EWB-USA. He will represent our region during monthly conference calls. We're supporting the EWB New Haven Professional Chapter and joined them for their sanitation project in Nicaragua. The project involves construction of 30+ latrine with septic tanks, showers, and laundry facilities. After a trip to Nicaragua in February, the implementation phase has begun. FMI, contact Nadia Gluckberg (nluckberg@haleyaldrich.com).

2018-2019 CHPATER OFFICERS:

Nadia encouraged chapter members to consider becoming a chapter officer. Elections will be held later this summer. If you are interested, please contact Nadia (nluckberg@haleyaldrich.com).

APRIL PRESENTATION:

Four students (Meribel, Ruby, Tess and Allie) from King Middle School presented their wind turbine project they entered in the Maine state KidWind challenge. The competition involved designing and building a wind turbine that could power at least 5 volts of electricity without a resistor. They formed two teams and did so well in the competition that they'll be going to the national KidWind challenge in Chicago, IL. No team from Maine has ever attended the national challenge. They have been featured on News Center Maine and they've raised more than \$3,000 to fund the trip to Chicago.

The students explained the challenges they encountered with their project, including decisions about materials to be used and issues with turbine blade design. The KidWind challenge is part of their studies of climate change and its effects.

Gus Goodwin, a teacher at King Middle School, briefly described the engineering design program at KMS and how expeditionary learning helps students make a connection to real world problems.

NEXT MEETING IS TUESDAY, MAY 15, 2018 at 6:00 PM at the SEA DOG BREWING CO.,125 WESTERN AVE., SO. PORTLAND, ME.

Respectfully submitted,

Kathy Hillman Reed, Chapter Secretary