

EWB PORTLAND MAINE PROFESSIONALS

3/19/2019 MEETING MINUTES

Chapter President Nadia Glucksberg welcomed everyone and, after introductions, provided the following updates:

PORTLAND UNCORKED! Our annual fundraising event was a **huge success!** We raised just under \$40,000, which is the best we've ever done. Thank you to all who participated, and especially our corporate sponsors! This sets us up for more travel this year and we can take on a new project.

Harvard EWB "Failure Forum" – April 6: This is a day-long EWB workshop that emphasizes failures in EWB projects and humanitarian work and gives options for how to learn from and talk about these experiences. There will be presentations from student chapters, professional chapters, university professors, and other experts in the field of humanitarian aid. All are welcome to attend. Nadia & Helena have been asked to present a talk similar to that presented at the EWN Mini Conference Feb. 2. To learn more go to <http://www.harvardewb.org/failureforum.html> . Registration information is at <https://support.ewb-usa.org/event/harvard-college-chapter-failure-forum/e220331>. If others want to join Nadia and Helena presenting their drilling adventures, please do. Just let Nadia (nglucksberg@haleyaldrich.com) know so that we can coordinate the drive and let the hosting chapter know for final numbers.

CHAPTER OFFICERS: Elections for chapter officers will be coming up this summer. New leadership is welcome! Please consider taking one of the officer roles – President, V. President, Treasurer or Secretary. If you have questions, please contact Nadia (ngluckberg@haleyaldrich.com).

NE REGIONAL EWB UPDATE: The New England region is planning a camping weekend event during the first weekend in June for all interested from the various New England chapters. More information to come. Please contact Baxter Miatke (baxter.miatke@woodplc.com).

STEM OUTREACH: If you like kids and being a role model (or like playing hooky) join us. Our chapter is STILL looking for a member to lead the school outreach and organize the presentations. They are easy, fun and only take a few hours. If we want to continue to support the local schools, we need someone to take on this effort.

- Judges were located for the 2019 State of Maine KidWind Challenge on March 20 at Ocean Gateway in Portland. Students from local schools will participate. Thank you to those who stepped up to judge students' projects
- Kathy Hillman Reed & Matt Reynolds will be talking to a group of pre-engineering students (juniors & seniors) at Falmouth High School on March 22 at 8:00AM. The time will be shared with Scott Christman, Program Manager of Trade Training & Apprenticeship at Bath Iron Works. The goal is to emphasize the importance of STEM, describe what post-secondary school opportunities are available for high school students in ME, and describe what EWB is and does. If you're interested in joining the presentation, contact Kathy at khillmanreed@gmail.com.

- We anticipate participation in the Cape Elizabeth Middle School's STEAM event in early June. More info to come.

EL PROGRESO, ECUADOR: This is a water project up in the cloud forest northwest of Quito. The project team completed the first phase of implementation in November 2018. Plans for a second trip in late spring/early summer are underway. If you want to get involved, let Baxter Miatke know (baxter.miatke@woodplc.com), as this team meets separately (biweekly on Wed.) for planning and completing the EWB requirements. The team communicates on Slack, and if you would like to be included, just let Baxter know.

DEBRE BIRHAN, ETHIOPIA: Our portion of the project is officially closed out! For those new to the chapter, our portion was the design and construction of a school for 1000 K-12th graders, with support for the latrine design and miscellaneous support as needed. The remaining parts of the project have been handed over to the South Denver Professional chapter to carry on. As always PMP will continue to support The Community Project: Ethiopia (TCPE) as needed, but just not under EWB HQ's umbrella. The South Denver Professional chapter will continue with the latrine project at the school site as well as their Bamboo Experimental Garden. If you want to join the Slack Channel, to follow the conversations, just let Kathy Hillman Reed (khillmanreed@gmail.com) know.

HAITI BRIDGE TEAM: The Haiti Bridge project is moving forward with weekly teleconferences and has momentum. Cashman's project leads are in country and work as started. Our chapter is supporting the project with geotechnical, structural and hydrology assistance. If you're interested in more information about this project, please contact Nick Dempsey (nicholas.dempsey@hdrinc.com).

MILEMBE SCHOOL, TANZANIA: Pamela Hawkes and Scott Teas are in country working on the Milembé School. Africa Schoolhouse (the NGO) has asked them for help to design a prototype self-contained dormitory compound which might be built on the existing campus, and ultimately become the model for construction at other rural secondary schools. There is a Slack channel set up to facilitate communications. If you're interested in this project, please let Nadia know (ngluckberg@haleyaldrich.com).

MARCH PRESENTATION

Nguinamau Celestino, a very recent Angolan immigrant with 16 years of service working for Chevron in Angola, presented an excellent talk about work he did on a rotating equipment redesign project while there.

Nguinamau's charge was to figure out how to increase productivity and decrease costs/repair times for the shipping charge pumps that were not performing to specifications. These pumps are needed to transfer oil from the drilling platforms to onshore terminals. He described the technical challenges as well as other challenges, including language barriers, weather issues, and resistance to change from platform managers. He noted his project cost less than \$250,000 to complete and ended up saving Chevron \$1M/year due in part to a 50% decrease in pumping motor starts. He also noted they were able to build a software tool to monitor pump starts, discharge pressure, and seal flush flow.

Nguinamau answered several questions following his presentation.

NEXT PMP CHAPTER MEETING IS TUESDAY, APRIL 16, 2019 at SEA DOG BREWING CO. in SO. PORTLAND, ME from 6:00PM – 7:00PM. PLEASE JOIN US!

Respectfully submitted,

Kathy Hillman Reed, Chapter Secretary