

The University of Maine

**DigitalCommons@UMaine**

---

General University of Maine Publications

University of Maine Publications

---

2-2017

## Engineers Without Borders Newsletter

Engineers Without Borders

Follow this and additional works at: [https://digitalcommons.library.umaine.edu/univ\\_publications](https://digitalcommons.library.umaine.edu/univ_publications)



Part of the [Higher Education Commons](#), and the [History Commons](#)

---

This Newsletter is brought to you for free and open access by DigitalCommons@UMaine. It has been accepted for inclusion in General University of Maine Publications by an authorized administrator of DigitalCommons@UMaine. For more information, please contact [um.library.technical.services@maine.edu](mailto:um.library.technical.services@maine.edu).



## Our Ecuador Project

EWB UMaine’s current project is in El Descanso, Ecuador, a community of 35 households that does not have access to a clean, reliable water source, especially during their dry season. We are trying to develop a water supply system to give the community water year-round. Our project will ensure that the water provided is clean, while educating the community on the importance of contaminant-free water. Through the success of this project, we intend to improve the health, time availability, and economic situation of El Descanso citizens.

### EWB UMAINE Executives

- President:** Parker Midura
- Vice President:** Andrew Purgiel
- Treasurer:** Robbie Mills
- Secretary:** Justin Baron
- PMEL Lead:** Maeve Carlson
- Fundraising lead:** Ethan Hall
- Design Lead:** Banton Heithoff
- Design Co-Lead:** Jack Pacent
- Membership Lead:** Tara Mullen
- Publicity Lead:** Derek Dubois
- Publicity Co-Lead:** Samantha Anderson
- Advisor:** Jean MacRae
- Mentor:** Robert Sypitkowski

### January Trip to El Descanso

Over winter break, Civil Engineering majors, Parker Midura, Maeve Carlson, Jack Pacent, and Samantha Anderson along with Mentor Robert Sypitkowski (as pictured above) traveled to El Descanso to determine if a single or multiple sources in the area, could supply the water for the community. The team gathered data on all potential water sources, pumping requirements and rainwater catchment. In addition to strengthening their partnership with El Descanso, the travel team left with a changed world view and a passion to build a better one.

