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Engineers Without Borders-USA, University of Maine Student Chapter Newsletter

Engineers Without Borders

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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.

