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WHAT IS ENGINEERS WITHOUT BORDERS?

EWB-RHIT is part of the national Engineers Without Borders USA organization. EWB-USA is a non-profit humanitarian organization established to partner with developing communities worldwide in order to improve their quality of life. Since its founding in 2000, EWB-USA has run more than 80 projects in 35 countries. The projects we work on are initiated by and completed with contributions from the host community, which helps ensure that our work will be maintained after we leave.

Our **VISION** is a world where every leader is equipped to build and every community is built to thrive.

Our **MISSION** is to partner with communities and develop leaders to build a better world.



Current Project Background

The El Sembrador School is a fiscomisional (public/private partnership) school located in Ecuador, that currently serves about 120 students in grades K5-7. The community's hopes are for the school to be able to serve up to grade 12, however with the existing structure that is just not possible. Our project consists of helping to expand those existing facilities, by completing a structural analysis of the structure, designing and making structural improvements, constructing walls, designing and building a retaining wall and completing various finishes.



Updates on Project:

Structural Analysis Complete

All the members have been analysed current capacity. The needs of each member has been determined.

EWB Structure Review Board

We have partnered with EWB-Structures Review board for to help out with the advanced design and refurbishments that are outside of our knowledge base!

Cost Analysis Complete

The entire project is will over \$200,000 which the club plans to obtain through applying to grants.

Future Plans/ Next steps

- EWB is planning on having the refurbishment designs by mid-Summer 2024, which will allow construction to start by Winter 2024.
- EWB is also planning on traveling back to Ecuador early 2025 to conduct construction inspection and install finishes.



Fundraising & Marketing:

This quarter fundraising and market put together two fundraisers to help reach the goal of \$200,000. With support from students, faculty, and the community both were able to be labeled a success. Be sure to look out for fundraising events for Engineers without Borders in the future

Pickleball Tournament:

Who doesn't love pickleball? For the first time ever Engineers without Borders Rose-Hulman Chapter hosted a late night pickleball tournament that ended up lasting till 11pm on April 21st. The first time event was a success with over 20 teams showing up to support. Two of Rose's very own professors ended up taking the win! Congrats to the Dingleberries!



Instagram: [instagram.com/ewb.rhit](https://www.instagram.com/ewb.rhit)

Soccer Tournament:

This quarter was an active one, the second fundraiser was the annual soccer tournament. 6 Teams participated for a double elimination bracket!



Interested in helping support the project?

<https://drive.google.com/file/d/1Hlc93h53b-tpzZDH3zstJzLdmQy3Y/view?usp=sharing>

Want to know about the current and past Projects?

<https://wordpress.rose-hulman.edu/ewb/>

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ENGINEERS WITHOUT BORDERS
ROSE-HULMAN INSTITUTE OF TECHNOLOGY CHAPTER



Senior Shoutout!

Thank you to our four seniors that will be graduated and us to pursue their own futures and careers. Thank you for all of the time, work, and energy you have dedicated to the club throughout the years!



Our Seniors:



Kiana Martin

Duration: 4 year

Positions Held:

Co-Fundraising and marketing leader, co-president

Plans after graduation

Coming back to Rose for her masters in engineering management.



Kayla Martinez

Duration: 4 year

Past Positions:

Co-Fundraising and marketing leader, co-president, secretary

Plans after graduation

Working at Trane Technologies as a controls engineer in Chicago



Will Lawton

Duration: 4 year

Positions Held:

Secretary, Co President, Co Engineering Lead

Post graduation Plans:

Going to Charlotte, NC to work for a Construction company doing geosstructural



Makayla Ray

Duration: 3 year

Positions Held:

Co-Engineering Team lead Co- President

Post graduation Plans:

Working in Indianapolis at Lochmueller Group. There she will be a water resource engineer and deal with stormwater management