



**ENGINEERS WITHOUT BORDERS USA**

University of Nebraska Chapter

**2024 - 2025**

**DONOR REPORT**



# THANK YOU

## A Letter From Our President

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Hello,

This past year, our chapter has grown tremendously in fundraising, recruitment, and project progress. None of these successes would have been possible without the invaluable support of our volunteers, advisors, and donors. Thank you for making our work possible.

Throughout the year, we've refocused on the core principles and mission of EWB-USA. This has inspired positive changes in leadership and project design. Our chapter is more dedicated than ever to ensuring our projects are impactful, sustainable, and community driven. We strive to build strong foundations that empower our partner communities to thrive long after our work is complete.

EWB-NU has made significant progress across both of our international projects. In Zambia, our team is nearing the construction phase of the Kolomo River bridge project. We're finalizing design work and researching local construction materials. Once completed, this bridge will connect community members to essential resources, such as markets, clinics, and schools, while improving safety and accessibility. In Madagascar, our team continues to implement solar systems in schools. I was fortunate to travel there this summer to assist with the installation, which was an incredibly rewarding experience. What stood out most was how welcoming and engaged the community was. They shared their culture, stories, and ideas with us, reminding us that engineering is most powerful when it's rooted in collaboration and respect.

Here in Nebraska, our chapter is on track to meet our annual fundraising goal. Our members have shown incredible creativity in developing new events and building partnerships that connect students with industry sponsors.

Welcoming new members and watching them grow has been incredibly rewarding, especially as students find their place in EWB, whether through designing solutions, leading initiatives, or taking ownership in our mission. Seeing them gain confidence, leadership, and compassion reflects what EWB is truly about: empowering both the communities we serve and the people who serve them.

Looking forward, our chapter will continue striving to create a lasting, positive impact. Together, we have the opportunity to learn, connect, and build a more sustainable world. I'm confident that the dedication and spirit of our members, combined with the incredible support of our donors and mentors, will continue to drive meaningful change for years to come.

Thank you again for your continued support and encouragement.

**Jamie Krab**

President

Engineers Without Borders - Nebraska Student Chapter



# PROJECT

## Madagascar

The Solar Team has been hard at work this year continuing working on our solar lighting systems in our partner community of Kianjavato, Madagascar.

This past summer, five team members traveled with three faculty advisors to Madagascar to implement our system. The Travel Team primarily added lights to the second classroom of Ambodibonary school. In addition, they collected feedback from our partners in the community and assessed the schools for future implementations.

Additionally, we are continuing to iterate and improve the wiring and overall circuit design of the system. Some members have been diligently modeling light layout designs using computer design software, while others are hard at work calculating the load, array sizing, battery sizing, wiring sizing, and other important factors, all in preparation for further implementation.



**Location:** Kianjavato Commune, Madagascar  
**Project Type:** Solar  
**Goal:** Implement 12V stand-alone systems into 6 schools, providing light and power





# PROJECT

## Madagascar

We are excitedly preparing to implement at three further schools this summer: at Kianjavato, Ambalahosy-Sud, and Ambohitsara.

To prepare for these future implementations, the team has been gaining and sharing hands-on experience and learning how to wire critical components of a lighting system. These practical skills will help the Madagascar travel team implement the systems even more effectively on future trips.

As the team looks ahead to the rest of the school year and to next summer, we are filled with optimism, excitement, and determination, knowing just how much of an impact our work has on the communities we work with.



**Total Project Costs:** \$24,000  
**Status:** Continued Implementation



# PROJECT

## Zambia

For the past several years, our team has been hard at work designing a pedestrian bridge to span the Kalomo River. This bridge, which will have a span of over 100 meters, is designed to connect the Simulunda and Sindowe communities year-round to health clinics, markets, and schools. Unfortunately, many who have tried to cross did not survive the flooded waters. This bridge will eliminate that danger and encourage growth for the communities.

In 2024, our team traveled to Zambia continue work on our project. The main purpose of this trip was to present the bridge design and cost estimate to our partner communities, local government organizations, our local NGO partners, and an in-country professional engineer. We also visited the bridge site, conducted soil tests, and furthered our understanding of the culture in Zambia.



**Location:** Kalomo River, Southern Province, Zambia

**Project Type:** Structural (Bridge)

**Goal:** Connect the communities on either side of the river to provide year-round access to healthcare, markets, and education



# PROJECT

## Zambia

Our biggest takeaway from our recent trip to Zambia was how crucial this project's success is to the communities. The basic needs of the residents are put in danger for months every year.

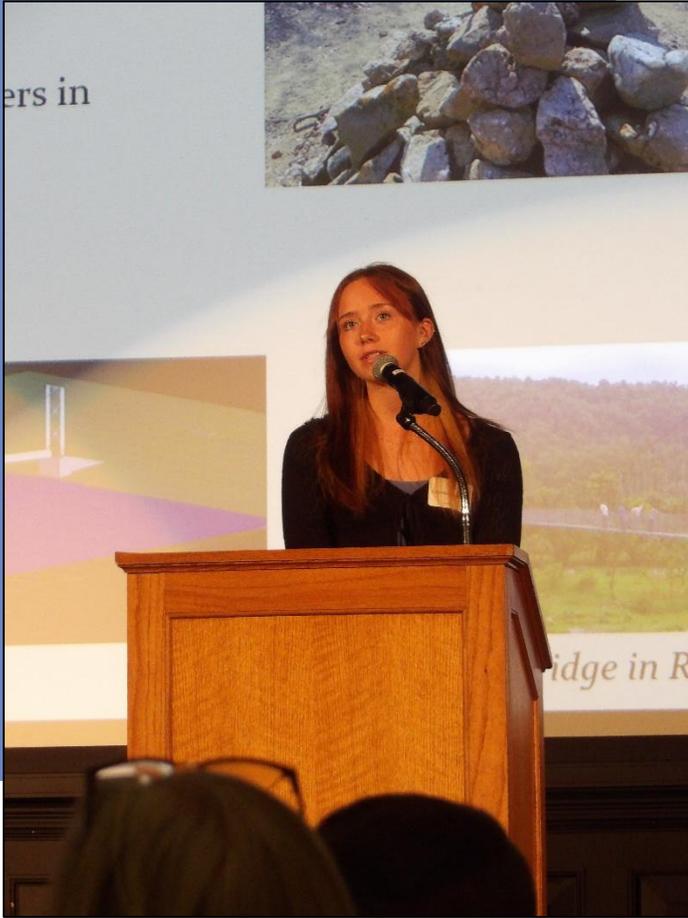
Since this trip, our team produced a real-life scale model of the bridge to enhance our knowledge of construction processes. We are finalizing our design by creating construction documents, finalizing our calculations package, and creating a 3D model that we can hand to a consultant in Zambia. We are also working toward Envision Certification to ensure this project is sustainable.

Now that we are finalizing our design, we are eager to begin construction of the bridge, and the community is too. We look forward this next year brings us and can't wait for our next visit to Zambia!



**Total Project Costs:** \$150,000-\$200,000  
**Status:** Around 40% mark. Current working through design





## Fundraising Team

### Nebraska

It has been a busy year for the Nebraska Team! Between fundraising for both of our projects, organizing volunteer activities to connect with the local community, and building relationships with companies, professionals, and other EWB chapters, this year has been very exciting! There are many members who are eager to get involved, and everyone has been working hard and trying out new roles.

### Annual Dinner

Last Spring, we hosted our annual dinner, “An Evening Without Borders: A Night in Africa.” The event highlighted our ongoing projects while celebrating the cultures of Zambia and Madagascar through informative showcases and authentic cuisine from both countries.

Companies and students were invited to attend this special event, offering an exceptional opportunity to network while enjoying cuisine and entertainment inspired by our Malagasy and Zambian partner communities.

The dinner provided a deeper understanding of our organization’s collaborative efforts to promote sustainable development, cultural exchange, and global impact.





## Fundraising Team

### Pizza Partnerships

Pizza Partnerships are a weekly fundraising event that utilizes networking between engineering students and professionals, allowing students to learn about industry, while professionals can actively recruit potential employees and promote their company. Six companies participated this semester, while nine Pizza Partnership events last year generated \$5,370.06 in profit.

### Glow Big Red / Wear Black Give Back

Glow Big Red and Wear Black Give Back are the University of Nebraska's annual days of giving, where alumni, faculty, staff, students, and supporters unite for 24 hours to raise funds for various programs, student organizations, and athletics.

Glow Big Red, held each February at UNL, marked our chapter's fifth year of participation in 2025, during which we focused on social media outreach, securing matching donations, and engaging in university-led competitions—raising a total of \$11,323.

Similarly, Wear Black Give Back, held each October at UNO, was the second year our Engineers Without Borders University of Nebraska Chapter took part, contributing to the university's fundraising efforts and raising \$709 this Fall.





## LOCAL PROJECT

### Stream Cleanup

Engineers Without Borders Nebraska hosted two successful stream cleanup events along Antelope Creek, located right outside the University of Nebraska–Lincoln campus.

The spring event brought together 20 students, while 17 students participated in the fall event, from both UNL and UNO. Together, volunteers collected more than 15 full bags of trash, helping restore and protect a vital part of the local watershed.

EWB partnered with the City of Lincoln, who provided trash grabbers and collection bags to support the cleanup efforts. Each event lasted a few hours and combined meaningful environmental impact with community building. Students worked hard to improve our local environment while enjoying the opportunity to connect with peers and contribute to the Nebraska community.

These cleanup events showed students that they can make a positive impact not only around the world but also in their own communities, while learning firsthand about the environment, teamwork, and the importance of taking care of local nature.





## Volunteer Work

### New Orleans

This spring, our chapter partnered with the EWB University of Kansas Chapter to volunteer in New Orleans' historic Lower Ninth Ward over spring break. Building on KU's ongoing collaboration with Historic Green, both chapters worked together to continue community restoration efforts in the neighborhood.

One of our main efforts focused on revitalizing a local playground that had aged significantly and required extensive repairs. Students repainted structures, replaced damaged wooden components, and completely rebuilt the swing set, which community members had identified as unsafe. Another team worked on repairs to a historic home that has been in the same family for generations and survived Hurricane Katrina. The home still needed structural attention, so our group replaced windows, shutters, porch boards, and siding to help preserve its integrity and appearance.

Beyond the physical projects, the trip was also an opportunity for collaboration and growth. Our chapter and the KU Chapter exchanged ideas about project planning, fundraising, and chapter management, gaining valuable insights into each other's operations.



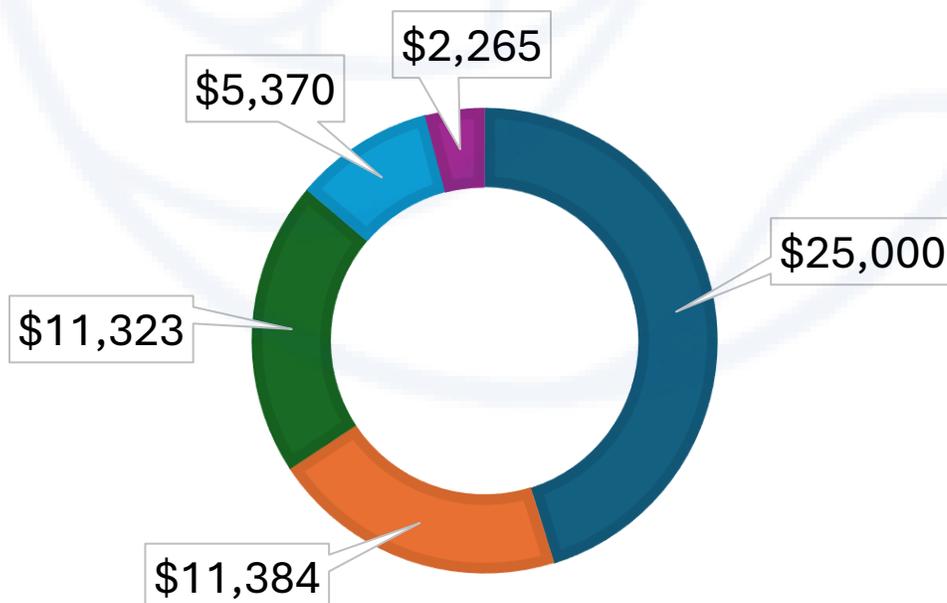


## Donor Summary

The 2024-2025 school year has been the University of Nebraska Chapter's most successful year of fundraising yet, having raised \$30,342 throughout all of our events, as well as being awarded with a \$25,000 grant from the Peter Kiewit Foundation! We also had 181 individual donors throughout these events.

## 2024-2025 FUNDS RAISED

- Peter Kiewit Foundation Grant
- Evening Without Borders
- Glow Big Red
- Pizza Partnerships
- Wear Black Give Back





# Thank You

Our chapter is made of a group of engineering students across both the University of Nebraska-Lincoln and University of Nebraska-Omaha campuses. We aim to carry out EWB-USA’s mission to build a better world through engineering projects that empower communities to meet their basic human needs and equip leaders to solve the world's most pressing challenges. We work closely with professional advisors to bring sustainable solutions to our partner communities in Zambia and Madagascar, and we are excited to continue our projects.

Ongoing donor support is what allows us to provide essential services to our partner communities, and we are beyond grateful for your contributions and partnership as we work to achieve our goals.

## Thank You to Last Year’s Corporate Sponsors

	Syngenta	
Valmont	e.Construct	JEO Consulting
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Jacobs	TD2 Engineering	Snyder & Associates