

## Introduction

Thank you for considering supporting the Engineers Without Borders Northwestern University Student Chapter (EWB-NU).

EWB-NU is a student chapter of Engineers Without Borders USA, a national philanthropic organization that pairs engineers with communities to meet their basic human needs. Currently, we are partnered with <a href="Paja Colorada">Paja Colorada</a>, a community in Ecuador. We are working with them to develop a sustainable engineering solution that enables access to clean water.

There are several benefits to supporting our chapter's activities:

### Be involved in the mission to provide clean water to developing communities.

Your contributions will help improve sanitation, access to clean water, and facilitate educational opportunities for children.

### Be connected with driven, globally-minded students in all disciplines.

By supporting EWB-NU, you will have access to the diverse members of our chapter. Additionally, our group's strong campus presence will give you access to the entire Northwestern student body.

### Be a part of a national mission to engage children in STEM fields.

Your contributions will help our efforts to promote STEM education on campus and in the Chicagoland area.

There are several ways to support the club:

- Support the organization as a whole
- Support our project in Ecuador
- In-kind donations (water-testing kits, building materials etc.)
- Cash donations
- Fund trips to schools around the Chicagoland area

#### We look forward to engaging with you!

Please take a few minutes and review the material contained in this corporate support package. You will find the following items:

- Engineers Without Borders Northwestern University Fact Sheet
- Supporting Opportunities
- Contact Information

## **Engineers Without Borders Northwestern University Fact Sheet**

Name Engineers Without Borders Northwestern University

Website <a href="https://sites.northwestern.edu/northwesternewb/">https://sites.northwestern.edu/northwesternewb/</a>

**Date Formed** Spring 2013

**Location** Northwestern University, Evanston, Illinois

**Membership** 50 general members, 300 active members on university listserv

**Summary** We are Northwestern University's student chapter of Engineers Without

Borders USA. Our chapter has three main missions: to provide communities with access to clean water, to work on projects impacting our local community in Evanston, and to promote STEM education at schools in the Chicagoland area. Our young chapter has quickly grown to be one of the most active clubs

at Northwestern.

#### **Technical Team**

## Since December 2019, we have been partnered with Paja Colorada, a community in Manabí, Ecuador, to improve clean water access. We completed a remote data collection assessment trip over Summer 2021 working with an NGO (Engineers in Action). In December 2022, we sent a team of students to the community, where they met the community water board and corroborated the previously collected data. We are proceeding into the design and implementation phase, aiming to build a pipeline system connecting the community to a nearby water treatment plant. We plan to travel to Ecuador in December 2023 to build the water distribution system.

#### **Local Team**

This team works on projects local to our campus in Evanston, IL. We are currently working on designing a greenhouse in partnership with Wild Roots, a NU student organization which runs the on-campus community garden. In the past, we partnered with The Love Fridge Chicago, a mutual aid organization that maintains community refrigerators. We produced a construction manual for structures to shelter these refrigerators, which was widely successful in standardizing them. We also worked on a project with the **Evanston Animal Shelter to** construct a whelping box for use with puppy litters, which was easy to deconstruct and store, but also sturdy enough to protect the puppies.

#### **Outreach Team**

Our outreach efforts include bringing speakers to campus, doing local philanthropy, and holding on-campus fundraising events. We partner with many local public middle schools to help expose their students to STEM. Through that mentorship program, Outreach is focused on ensuring that students have fun and are able to learn soft skills from our activities (i.e. listening, how to work in groups, etc.). We also bring high school students to Northwestern's campus annually to learn more about engineering. In this way, Outreach strives to present STEM as a fun field that any student can pursue.

## **Opportunities for Support**

## Support Philosophy

It is our intention that supporting Engineers Without Borders Northwestern University Student Chapter be a mutually beneficial relationship for both contributors and our organization. We seek to support those in need of water, facilitate STEM education, and access our talented team, and we are excited to be engaging with you.

## Support Levels

These are general guidelines and we gratefully accept contributions of any level. In addition to the benefits provided at each level, EWB-NU will also provide annual updates in the fall that detail all of our activities in the past year and where your contribution has assisted.

Gold \$5000/year	Purple \$2500/year	White \$1000/year
Access to a resume binder of EWB-NU student members	Access to a resume binder of EWB-NU student members	Access to a resume binder of EWB-NU student members
Large logo placement on EWB-NU website and weekly member emails	Medium logo placement on EWB-NU website	Small logo placement on EWB-NU website
Large logo placement on all clothing & print material	Medium logo placement on all clothing & print material	Small logo placement in all print material
Annual information session hosted and shared on EWB-NU website and social media		

### **Product Assistance**

If you feel that you can provide assistance with merchandise or project supplies, our team would gladly accept any product donations to assist with our efforts to implement engineering and educational solutions abroad and at home.

# **Contact Information**

## **Email**

For all official inquiries, please contact us via email:

Email: <u>EWB@u.northwestern.edu</u>

## Social Media

Instagram: <a href="www.instagram.com/EWBNU">www.instagram.com/EWBNU</a>

Facebook: <a href="https://www.facebook.com/EWBNU">www.facebook.com/EWBNU</a>

YouTube Channel: <a href="www.youtube.com/channel/UCILBzGeuqiDqlzTS3NPyOvA">www.youtube.com/channel/UCILBzGeuqiDqlzTS3NPyOvA</a>

