



**Welcome to EWB at Montana State University**

**A Brief Orientation Guide**

## **What is Engineers Without Borders?**

Engineers Without Borders USA (EWB–USA) is a nonprofit, volunteer-driven organization that partners with communities worldwide to design and implement sustainable engineering solutions—such as clean water systems, sanitation, and energy—while building local capacity for long-term success. By working collaboratively, EWB–USA empowers communities to improve quality of life and develops globally conscious engineers committed to social responsibility and lasting impact.

## **What is EWB at Montana State University?**

Engineers Without Borders at Montana State University (EWB@MSU) is a student-led chapter of EWB–USA that applies engineering skills to create sustainable solutions in partnership with global communities. The group has focused its efforts in Khwisero, Kenya, where it collaborates directly with residents to address infrastructure needs such as water, sanitation, and safe facilities. EWB@MSU has also developed a strong partnership with M-Koko, a Kenya-based organization with a similar mission, to help administer construction projects and ensure long-term sustainability.

## **What is M-Koko**

The M-Koko Trust is a Kenya-based partner of EWB@MSU. Founded by Khwisero native, Ronald Omyonga, the Trust works collaboratively with EWB@MSU to plan, implement, and support infrastructure projects in Khwisero.

Together, EWB@MSU and M-Koko are expanding their scope of work in Khwisero, planning and delivering essential infrastructure that supports education and improves overall well-being in the community.

## **Make a Volunteer Village account**

This is not a terribly intuitive process, but here's how it works. First, Google "EWB Volunteer Registration." This will bring you to a registration form. Fill it out and click submit. Now, google "EWB Volunteer Village." Navigate to the "Log In" page, then click "Sign Up." Use the same email as you did on the registration form and create a passcode. Pat yourself on the back.

If viewing this guide online, you can also follow these two links, which will bring you to the Volunteer Registration Form and Volunteer Village Sign-Up page.

[Volunteer Registration Form](#)

[Volunteer Village Sign Up Page](#)

## **Get added to the EWB@MSU OneDrive**

Talk to your Buddy, Lead, or Co-President.

### **How to navigate the OneDrive:**

Getting familiar with OneDrive can take some time. Reach out to your buddy, project lead, or a co-president to get up to speed on the layout or just spend half an hour browsing. There is some cool stuff from back in the day, as well as loads of information on current projects.

## **Get added to the EWB@MSU WhatsApp Group**

Download the WhatsApp app, make an account, and then talk to your Buddy, Lead, or a Co-President!

## **What is the Jubilee**

An evening of dinner, drinks, auctions, and livestreaming of MSU football, to support our work in communities of Khwisero, Kenya.

The Jubilee is our largest fundraising event of the year, we spend the night with many of our donors, enjoying dinner, auctions, and an overview of what EWB@MSU has been up to in the past year.

## **Where is the EWB Office?**

Roberts 421A! Feel free to stop by anytime for a study spot or grab some candy in between classes!

## **Current Projects**

- **Dudi Township Borehole Well** – In the early design phase for a borehole well aimed to reduce travel time for accessing clean water and expand availability.
- **Mundeku Latrine** – Designing a lined pit latrine for a primary school in Khwisero. The school's existing facilities have exceeded capacity, and this project will expand safe and sanitary access for students.
- **Mushikongolo Laboratory**– Planning a laboratory for a primary school to provide elementary students with opportunities to learn and explore the sciences.
- **Khwisero Technical and Vocational College Irrigation System** – Partnering with students and faculty from a technical/vocational school, as well as the water team, to develop an irrigation project. Together, they are testing which irrigation methods work best for different local crops.
- **Fundraising and Grants** – A vital, ongoing effort that makes all projects possible. EWB-MSU relies on donations and pursues multiple fundraising strategies to sustain and expand its work.

## **The Team**

### **Who are the Co-Presidents**

Brenna Durbin and Elsa O'Neill

### **Who is our faculty advisor**

Dr. Kate Morrissey: [kathryn.morrissey1@montana.edu](mailto:kathryn.morrissey1@montana.edu)

[Kate Morrissey: Associate Teaching Professor at Montana State University](#)

### **Who is the treasurer**

Hayden Smith! Talk to him if you have club financial questions

### **Who is the secretary**

Piper Koel! Go say hi!

### **List of Board contacts:**

#### **Co-Presidents:**

Brenna Durbin: [brennad04@outlook.com](mailto:brennad04@outlook.com) (719) 321-3508

Elsa O'Neill: [elsa.oneill@outlook.com](mailto:elsa.oneill@outlook.com) (907)-538-1104

**Secretary:**

Piper Koel: koelpiper@gmail.com (406) 471-2738

**Treasurer:**

Hayden Smith: hesmith4848@gmail.com (304)690-3402

**Media & Marketing Chair:**

Ryder Garrigan: rydergarrigan@gmail.com (720) 220-7629

Maiya Betschart: maiyabets@icloud.com (303) 681-8221

**Outreach Chair:**

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**Fundraising:**

Kaleb Johnson: johnsonkalebr@gmail.com (720) 276-6875

**Recruitment Chair:**

Cooper Skites: cooper.skites@gmail.com (206) 247-3345

**Flex Board Position:**

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**Mundeku Latrine Project Leads:**

Shelby Wellington: shelbyrwellington@gmail.com 907-631-9713

Martin Ruane: martin.ruane47@gmail.com 509-392-9411

**Dudi Township Project Lead:**

Jasmine DeVlieg: jkdevlieg@gmail.com (425) 419-3653

**Khwisero Technical and Vocational College Irrigation Project Leads:**

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Michaela Hauk: 14mhauk@gmail.com (406) 799-9575

**Mushikongolo Laboratory Project Leads:**

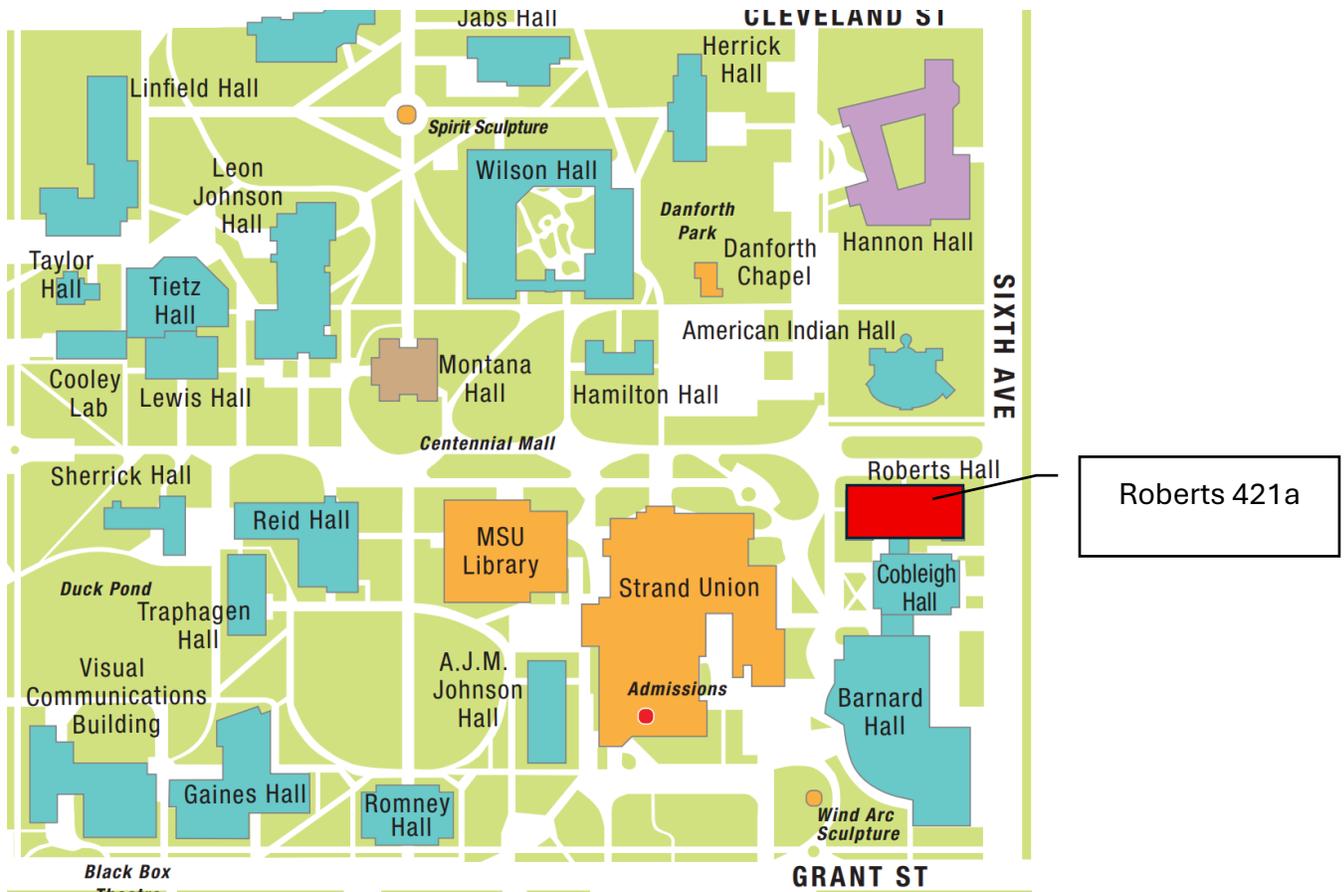
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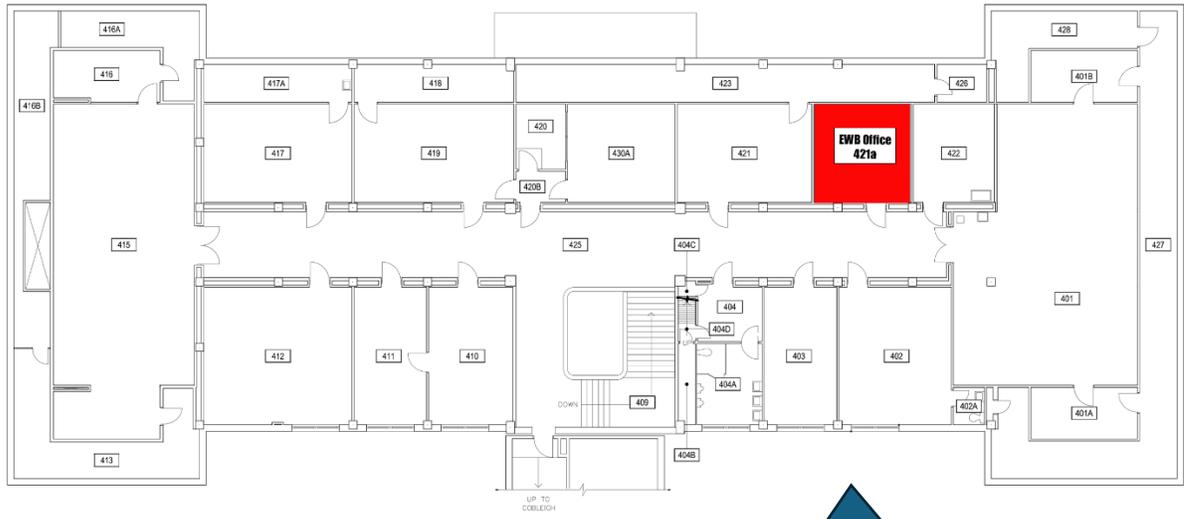
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Fundraising and Grants:

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### EWB Office Location





Fourth Floor Roberts Hall