



ENGINEERS WITHOUT BORDERS USA
Cornell University Chapter

Cornell University

ENGINEERS WITHOUT BORDERS

Sponsorship Packet 2018



ABOUT THE TEAM

Engineers Without Borders-Cornell is a group of passionate and highly motivated students who aim to create long-lasting solutions to problems in international communities. Members are given the opportunity to nurture their creative and technical expertise by designing and implementing sustainable engineering projects. Through collaboration with communities in developing countries around the world, our members are exposed to diverse cultures while gaining academic experience outside of the classroom environment. Our growing team of 40 dedicated students includes undergraduate and graduate students from several of Cornell's colleges including the College of Engineering, the College of Arts and Sciences, and the College of Agriculture and Life Sciences. Our network also extends beyond Cornell's campus to over 250 EWB chapters.

13

areas of
study

40

total active
members

15

weeks spent
abroad

60

% female
members



making
a difference
building
international
community

powerful

passion
+
love

hands on learning
empowering
impact



separation

bringing
people together

applications
of engineering ☺
skills to service!

Bringing hope to
the hopeless

ENGINEERS WITHOUT BORDERS IS _____

engineering comes to life
on a world stage ☺

Curiosity

Teamwork

applying class-room
knowledge to global
problems

making the world a bit smaller

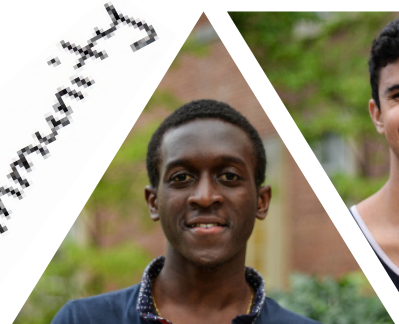
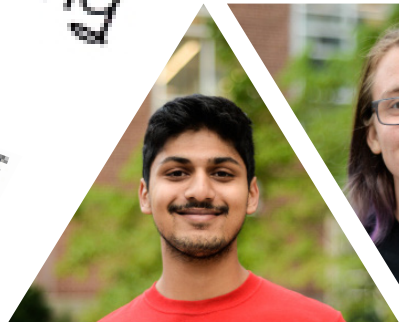
being a global citizen

Inspirational

building a
better world

Giving
back.

being the change you want to
see in the world ♥





LET'S TALK ABOUT WATER.



EWB-Cornell now intends to address irrigation and agricultural issues in Ilagala, Tanzania.

Over the next three years, we are setting our sights on a Ilagala, Tanzania a village of 3,670 people. Ilgala's primary economy is agriculture and they grow crops such as cashews, coffee, tea, pyrethrum, tobacco, sisal, cocoa and other food staples. Currently, the community in Ilagala is facing rainwater shortage during the dry season due to climate change and human-induced land degradation. As a result of this, their crops and livestock are severely impacted, and the prevalence of crop pests and diseases has increased. We plan on reversing these effects by providing new irrigation for the village, providing domestic and livestock water supply for those in need. The next year will be spent on assessment trips and deciding what type of irrigation would best fit, and the ones after that to implement our designs.



Pictures courtesy of partner Umoja Wa Wawezeshaji - KIOO

BUILDING BRIDGES

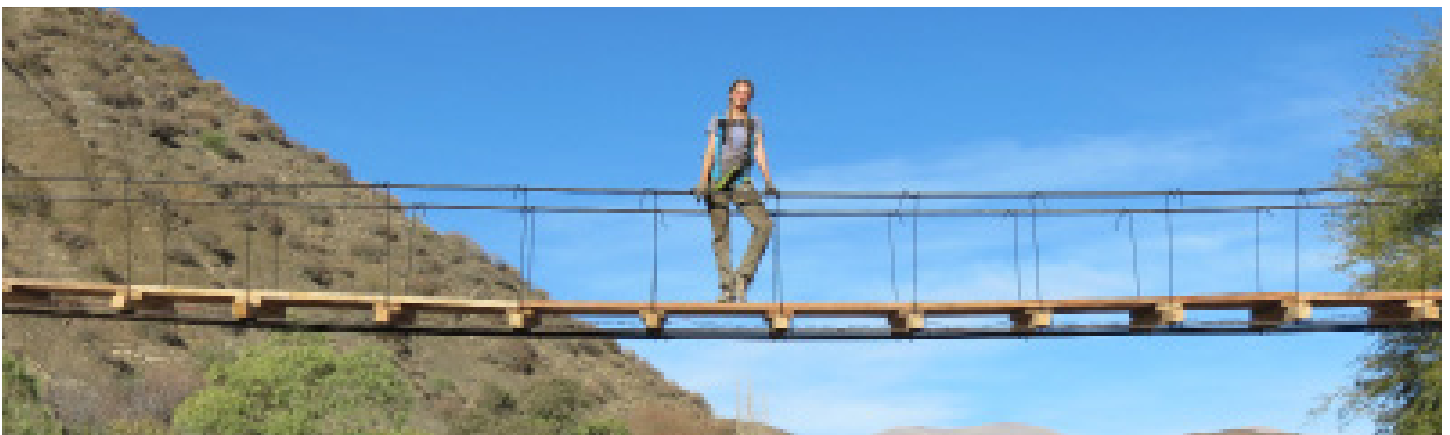


▲ Complete bridge made from Bolivian wood.

Calcha, Bolivia 2014 - Present

Calcha, Bolivia is a small, agricultural, Quechua community along the Vitichi River. Unfortunately, between the months of November to March, Calcha faces heavy and prolonged rainfalls which cause dangerous currents and the flooding of the Vitichi River. During these months, the Vitichi River became impassable, preventing farmers from accessing their crops across the river. In the academic year of 2015-2016, our team designed a suspended footbridge to allow for safe access across the Vitichi River.

After design approval, eight students from our chapter traveled to Calcha to implement the bridge over the course of eight weeks in the summer of 2016. Our bridge is a 50+ meter pedestrian footbridge which benefits more than



▲ Team member Anna Sofia Montoya-Olsson standing on the newly completed bridge.

BREAKING BORDERS



▲ Team members (left to right): Joseph, Meriel, Susan, Jonathan, Anna, Mario, Bethany, Nathalie, and Sam in traditional Calcha attire.

200 people in the community and increases the amount of workable land in the area by 80%. After our success with the bridge, we were recognized by Cornell University, the Cornell Chronicle and the Cornell Daily Sun, two of Cornell's newspapers.

We then returned to Calcha in the summer of 2017 to monitor the condition of our bridge and to line and cover irrigation channels, to improve both the quality of the water and retention rate of the storage system. We are happy to report the bridge has remained in good condition and the community is working to implement gabions which will prevent erosion around the area of the bridge.

By living with the Calcha community over several summers, we were able to engage with the Bolivian culture, partaking in traditional festivals and dances put on by the community.



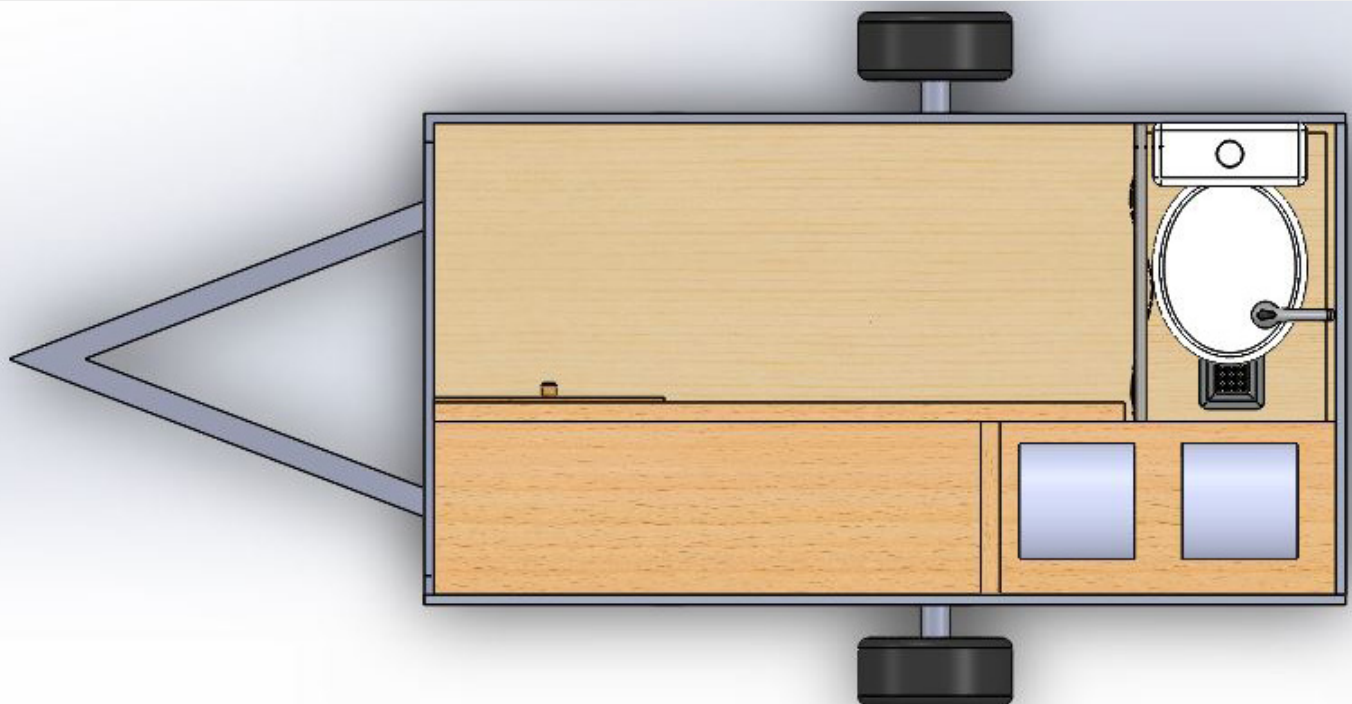
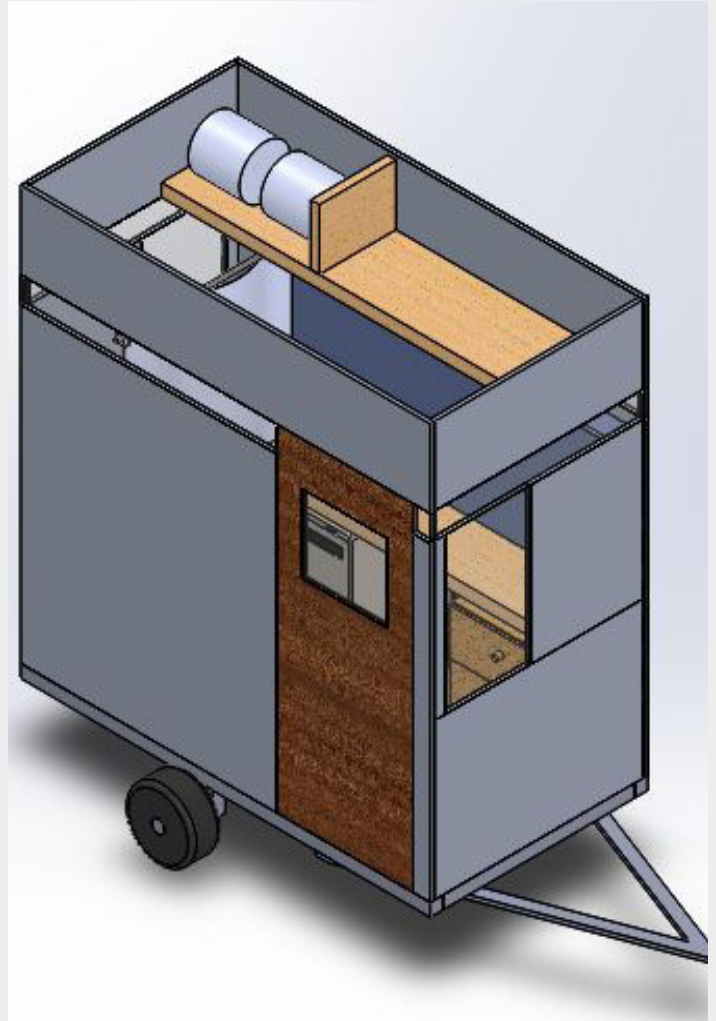
▲ Professional engineer, Johann Zimmerman, and local community members surveying the land.

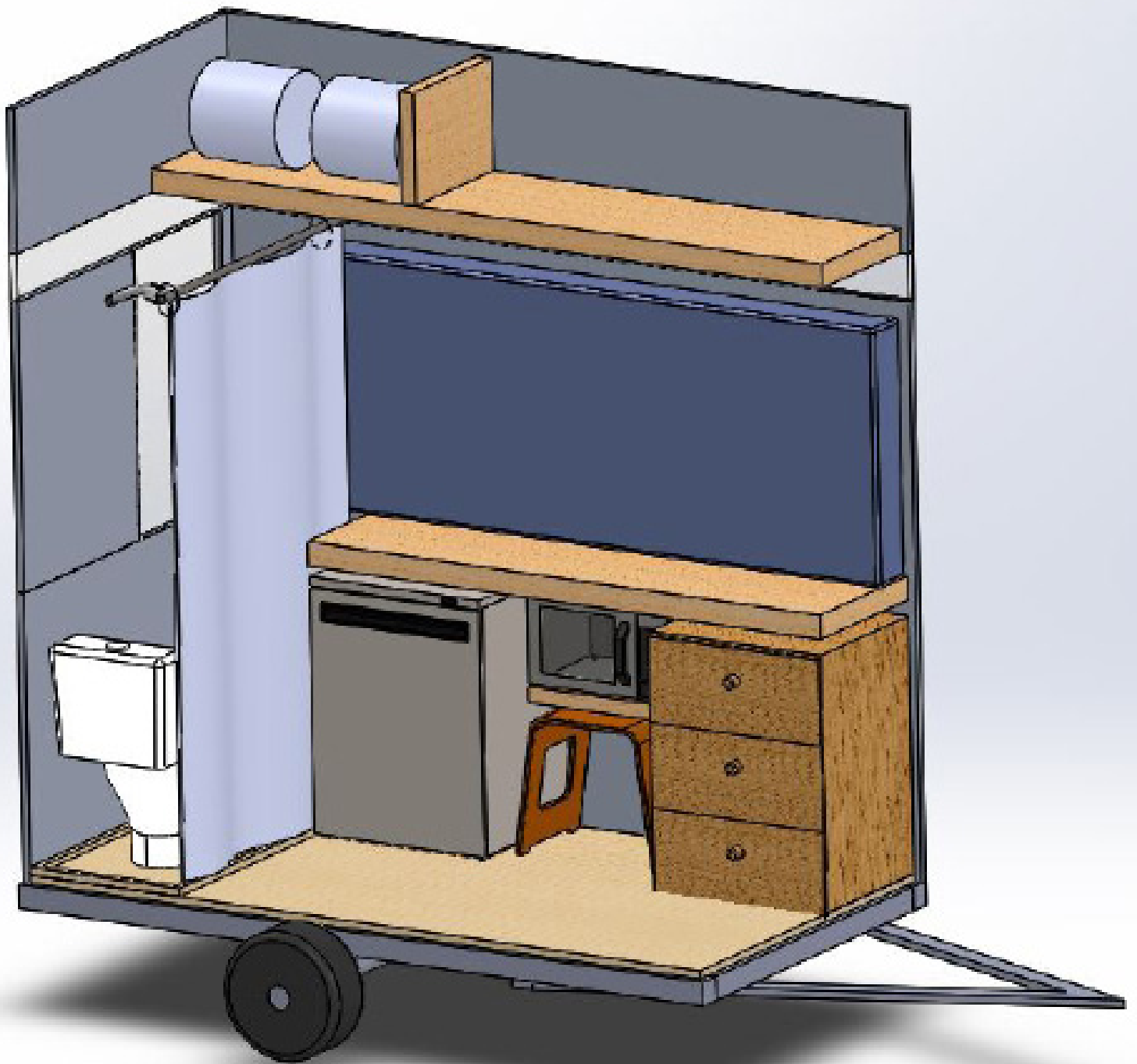


▲ Team car en route to Calcha, Bolivia.

Creating change in the local community, one house at a time.

Homelessness is a persistent problem in the United States, and becomes especially problematic during cold winters. Engineers Without Borders hopes to fight homelessness by working with Every1's Home to design and build small, portable shelters for the homeless community. These tiny homes will have all of the necessary amenities of a regular house, and once completed, will not only help house the homeless - they will also provide homeless people with job training in various skills, rehabilitation, and housing to help get them back into the workforce. Construction for this project is expected to happen Spring 2018.





DESIGNING
TINY HOMES FOR
THE HOMELESS.

CONTRIBUTE

Our achievements would not have been possible without our individuals donors and corporate sponsors like you. We truly appreciate everyone who has and continues to support our project.

Your gift will contribute towards:

- Helping our team build a sustainable solution to impact over 200 lives
- Bringing global engineering issues to the forefront of social consciousness
- Providing EWB members with life-altering, international experiences

Benefits for our sponsors include:

- Increased recruiting presence on campus and internationally with access to diverse members
- Increased visibility on campus with company logo displayed on all team apparel which will be worn on campus and internationally
- Recognition on the team website and semesterly newsletters sent to friends, families, alumni and other corporate sponsors
- Tax deductible contributions

THANK YOU 2017 SPONSORS



Microsoft





SPONSORSHIP LEVELS

Level 1: Platinum Sponsors (\$2,500+)

- Large recognition of company name on team apparel for international trips
- Exclusive recruiting opportunities and information sessions hosted by EWB-Cornell
- Premier placement on team banners, newsletters, and brochures
- Acknowledgement of your generous contribution on team website and social media with company name and logo

Level 2: Gold Sponsors (\$500 - \$2,500)

- Medium recognition of company name on team apparel for international trips
- Placement on team banners, newsletters, and brochures
- Acknowledgement of your generous contribution on team website and social media with company name

Level 3: Silver Sponsors (\$200-\$500)

- Placement on team banners, newsletters, and brochures
- Acknowledgement of your generous contribution on team website and social media with company name

Level 4: Bronze Sponsors (any amount below \$200)

- Acknowledgement of your generous contribution on team website and social media with company name



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