

ENGINEERS WITHOUT BORDERS  
KNUST CHAPTER



# NEWSLETTER 6TH EDITION

## ISU VISIT FEBRUARY

By the ISU trip team

### TRIP DETAILS

- Daily reports

### Highlights of thr trip

### Project Gallery

Induction always available once you join the team via [www.ewbknust.com](http://www.ewbknust.com)

GROUP MEETINGS AT Petroleum Building 012  
EVERY FRIDAY 5:00PM.

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# 26TH - 27TH FEBRUARY 2022



After several days of planning by the EWB ISU team, the trip to Minnesota became a reality. Having to hear Dr. Maier and his team saying; they have to get a feel of another state before they leave was nice. It showed how much our trip to ISU meant to them, their dedication, and their sense of making us feel welcomed and at home. The KNUST Travel team conveyed to the Sukup building, where we met some members of the EWB ISU. After a few minutes of waiting, both teams sat in the minivans to begin the journey.

There was diversity in the bus as each van contained some EWB KNUST & ISU students. Two hours into the journey, and we still hadn't arrived at Minneapolis, my people in my minivan decided to stop along the highway.



The team was refreshed and had about an hour and thirty minutes to arrive at our destination.

Finally, we got to the Mall of America. The mall had 520 stores, OMG. It was really huge. There was no comparison between the malls in Ghana to this. The team moved in groups to explore within a duration of three hours. Each member was informed about the rally point. We began exploring the clothing shops to get some clothes for our dear ones back home and ourselves. I explored the shops with Samuel (Nigerian and a member of EWB ISU) and Jennifer (member of EWB ISU).





# CONTINUATION

I decided to go for a roller coaster ride since it was my first time. Fortunately, Sam and Jennifer joined in. After several minutes of standing in a queue and hearing people screaming their lungs out, it was our turn. We sat in and enjoyed the ride. Initially, it was a little scary, but I enjoyed the whole ride and wanted to go for another ride. Unfortunately, the queue had become longer, so we decided to get some lunch and met the team afterward at the rally point. Next on tour was visiting the Minneapolis Institute of Art. The place was fascinating. It had arts from different continents all over the world. Exploring the entire museum, I finally found some art from Ghana

At an African supermarket, the team enjoyed dinner (Jollof rice with chicken and goat meat). We later lodged at Days Inn Hotel for the night. Some members, myself included, visited the University of Minnesota. Walking for about half an hour and exploring the campus was fun. The University has a beautiful campus. We returned to the hotel to rest for our journey back to ISU. The team met at the hotel's reception to leave for ISU the following day.

After several hours on the road, we finally got to ISU, where we said our goodbyes to the team and headed back to the apartment. Indeed, the trip was exhilarating.

# 28TH FEBRUARY 2022



After a tiring and fun trip to Minneapolis, we woke up quite late on a Monday morning. After breakfast, we set off to Des Moines around 8:50 am EST to meet with Self Help International. We went there with Prof. Maier and George. We had a great and informative discussion with Nora and Jessica from SHI. We learned about what they're doing, especially their projects, and we look forward to setting up a formal collaboration.

After several hours of engagement, we had to return to ISU to participate in a meeting with Dr. Maier's graduate research students. We had a nice and fulfilling lunch at KFC courtesy of Prof. Maier on our way back. We got to campus 45 minutes later. During the research meeting, Horry (Ph.D. student from DR Congo and a really nice person) presented on a paper published by Dr. Burns and Co.



After the meeting, Soren joined us, giving us updates and expectations regarding EWB-ISU general meetings and other concerns. We left after that to freshen up for our dinner.

Professor Owusu, a Ghanaian lecturer at ISU, had invited us for dinner. We went there with Prof. Maier and George. We met him and his wife, Madam Theresa, who served us sumptuous meals (boiled yams, jollof rice, agushi stew, beans stew, fried plantains, salad, and some spicy shito). Adjusting to the various dishes in restaurants was quite a bummer. Eating these delicacies felt like we were home.

We bid them goodbye some minutes after having dessert.

The day was memorable!



By Nancy Nyantakyiwaa Boamah

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1ST  
MARCH 2022



The KNUST team presented our findings on our latest trip; mapping out the entire school and showing the various facilities that would need water. Discussion on how the distribution network is to be designed was made, and lots of ideas and recommendations were obtained.

After a beautiful night, the team woke up early and made their way to the Sukup Building for a class on Global Engineering. We later went to our various classes with our pairs from ISU. I met my partner, Jennifer, and her teammates for their lab session in class. We used Arduino Uno to compare ambient temperature and the temperature built in an enclosed box with a furnace.

At 2:00 pm, we met again and went to ISU Kent Corp Feed Mill with Tony Ewing (Manager, ISU Kent Corp Feed Mill, and General Sciences). He showed us how the grains would be received, processed, and stored. Later at 5 pm, Padmore and Judith met Dr. Dirk Maier, Dr. Owusu Nimo, and George Obeng Akrofi to discuss the assessment of the February trip, mainly the Water Distribution System.



At 6 pm, the team, together with Dr. Owusu Nimo, joined our last EWB -ISU Executive Meeting. We were made known about a trip to Ghana by some ISU students. James decided to make more inquiries about what will be done and what they expected during their visit to Ghana. After the meeting, the team headed back to the apartment for dinner.

By Judith NANA SERWAAH SENYAH

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2ND  
MARCH 2022



After a good night's sleep, the team headed to the student clinic for covid test kits. George cautioned us that we should know our status before our flight. Unfortunately, the clinic was closed, and we had to come back. The team retired to their apartment till the time was due and headed back to the clinic. It was quite a journey since we had to navigate the clinic without the help of George.

Walking around for some time, we finally located the clinic. Each person requested a kit and headed to any building to perform the test.

Following the instructions in the test kits, the team was able to finish and headed out to the post office to mail the test.

Locating the post office was a bummer. Walking around in circles, not knowing where to go next, was quite frustrating. Finally, Dr. Nimo located the post office's truck, where we handed over our tests and headed back to the apartment.

At the apartment, Padmore and I had to finish up our presentation slides to be reviewed by Dr. Nimo while the ladies prepared some delicacies. The team made their way to the Black Engineering Block for our last EWB general meeting. We were presented a plaque of excellence for project implementation during the covid period in the meeting.

By Judith NANA SERWAAH SENYAH

2ND  
MARCH 2022



The KNUST travel team said their goodbyes to the friends they made shortly after the general continued. Design documents were exchanged between both organizations. The KNUST team headed to their apartment after the meeting ended.



By JAMES AFFUL

3RD  
MARCH 2022



We began the next day by preparing for the global engineering class. Padmore and James had to make a presentation on the new water distribution network for the Uilo Senior High School that will supply water to staff bungalows and the Bridge project to help people, especially pregnant women, transit to the hospital. The presentations were a success, with massive student feedback incorporated into the designs.

We parted ways, and some of us joined our colleagues from ISU in class. We were reminded of our meeting with the communication personnel at 3:00 pm EST. It was time for the meeting; we had to meet together as a group at the Sukup building to meet Sarah, the communication personnel. We were asked about our experiences and what we loved the most during our stay at ISU.

Our friends from EWB planned a fun night for us. James, Padmore, and Nancy went bowling while Judith went for a meeting with Africans. Jennifer picked us up from the apartment to perfect games, an arena with lots of games to play. We met Matt Butler and Isaac (EWB ISU members). I enjoyed bowling. We moved on to other games in the arena and had so much fun before saying our goodbyes to our friends since that was the last time we met.

Having to enjoy such avenues which we do not have back home was lovely



By Nancy NYANTAKYIWAA BOAMAH

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# 4TH MARCH 2022



Waking up to see how everyone was sad because it was our last day in Iowa. We started our day by joining Dr. Nimo at the Civil Block, where he had a seminar with the geotechnical department. During the seminar, he gave out some Ghanaian chocolate to the people present (Faculty and Graduate students). We enjoyed pizza while listening to his lecture on his research. The meeting was a success after which we visited the accounts office to pay some bills.

It took a while to make all payments, after which we headed back to our apartment. Shortly after eating breakfast, we went to Walmart to get a few things for family and friends back home.

There was nothing else to do except pack our luggage and prepare to go home. After packing our stuff, we had an official dinner with some members of EWB ISU.



Everyone was looking good and ready to head to the location. We met our friends from EWB ISU, where we had conversations over dinner. It was time to take pictures. Everyone had fun during this moment since it was the last.

We made some excellent connections that evening. It was sad knowing we would not meet such beautiful people again, and every communication will be via email. During this trip, I enjoyed the sense of belonging these guys demonstrated. Accepting and relating with people with different backgrounds is hard, but they made our visit very fruitful. Thank you for the warm welcome; we hope you will extend the same love to our next travel team. Special thanks to the US Embassy in Ghana for their support and for making this dream come true.



By Judith NANA SERWAAH SENYAH  
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# GALLERY



# GALLERY

