

Goals & Cost

Class:

- Solar Power for Africa
- Taught by Dr. Gregory Beaucage
- To learn about solar energy and its practical uses around the world especially in offering a solution to bring water, light and heat to developing countries without the need of an electrical grid

Ethiopia Trip Purpose:

 To use the knowledge gained in class in the real world for a humanitarian cause - utilizing solar energy to alleviate part of the daily burden of fetching water faced by those in third-world countries

Cost of the Trip:

- \$1600 2-way plane ticket
- \$1402 Lodging, traveling, other
- \$200 Meals

Funding I Received:

- \$1300 CEAS
- \$1300 CAECM
- \$500 UC International

Accomplishments & Impacts

Forged relationships between the University of Cincinnati and Ethiopian Universities



Site investigation of the rural village in need of a well

Worked with students from Haramaya to install two solar-powered lights in school buildings

What I Gained

Experienced first-hand the lack of accessible water outside of developed communities

Overcame language barriers in order to complete a project

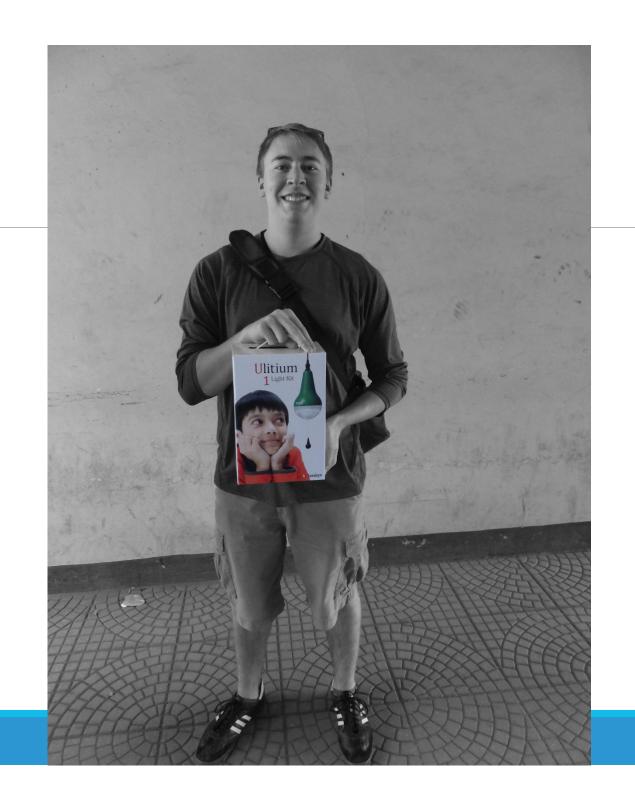
Full immersion into a new culture

Exposed to engineering practices that differ greatly than those used in the US



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Well # 2
30 m, almost dry













