

# Jimmy Canning, EIT, ENV PV

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## Education

Master's of Science in Civil Engineering, *University of Illinois at Urbana-Champaign* May 2018

- Recipient of CEE Distinguished Fellowship, AY 2016-2017

Bachelor of Science in Civil Engineering, Minor in Business Administration, *Saint Louis University* May 2015

- GPA: 3.96/4.00, summa cum laude
- Honors Program, Dean's List, Tau Beta Pi Engineering Honor Society and Alpha Sigma Nu Jesuit Honor Society
- Institute for Sustainable Infrastructure (ISI) Provisional Sustainability Professional (ENV PV)
- Recipient of Vice Presidential Scholarship (2011-2015), Mark & Carol Weber Scholarship (2013, 2015), Boeing BOLD Scholarship (2013, 2014), and Donald & Nora Manahan Scholarship (2015)

## Work Experience

Graduate Research Assistant, University of Illinois at Urbana-Champaign, August 2016 to Present

- Interested in using green sustainable infrastructure (GSI) as a means to manage stormwater in urban areas and how such GSI can quantitatively enhance quality of life for impoverished communities in those urban areas

Home Repair Specialist, Community Home Repair in Tucson, Arizona, August 2015 to August 2016

- Performed emergency home repairs benefitting low-income families and elderly persons throughout Pima County, ensuring they all have access to safe, sustainable living conditions

Student Intern, Summer Transportation Institute at Saint Louis University, July 2015

- Thoroughly introduced high school students to transportation engineering with a focus on the St. Louis region

Engineering Intern, Illinois Department of Transportation Materials Lab, May 2014 to August 2014

- Ran engineering tests to assist IDOT engineers in determining the best materials for road construction
- Taught newer rotation engineers how to carry out tests and how to succeed in the Materials Lab

Physics Tutor, Student Success Center at Saint Louis University, August 2013 to May 2014

- Helped students develop vital critical thinking skills and study skills so that over 70 percent of my students earned A's on their tests and homework grades

## Leadership Experience and Community Outreach

Migrant Aid Worker, Casa Alitas & Southside Presbyterian Samaritans, Tucson, AZ, Aug 2015 to Aug 2016

- Accompanied migrants through their journeys to a more hopeful life through water drops in the Sonoran Desert, serving meals in Nogales, Mexico, and giving legal aid to migrant women and their children at Casa Alitas

Vice President, Saint Louis University Habitat for Humanity, May 2014 to May 2015

- Led the executive board alongside the president, planning events that reach hundreds of community members
- As Treasurer from May 2013 to May 2014, managed expenditures using an \$8,000 budget and helped the club raise over \$10,000 and receive a State Farm matching grant, thus donating over \$20,000 to the local chapter

Treasurer, SLU American Society of Civil Engineers, January 2014 to May 2015

- Managed finances using a \$6,300 budget, including expenditures for several major engineering conferences
- Participated on the steel bridge team at the 2012 and 2014 AISC Competitions and captained the 2015 team

Morale Captain, SLU Dance Marathon, February 2014 to December 2014

- Encouraged campus-wide participation in SLU Dance Marathon, benefitting Children's Miracle Network hospitals of Greater St. Louis; raised over \$800 personally and \$225,000 collectively For The Kids
- Motivated over 900 participants to stay for the entire twelve-hour long event and taught the main 'morale dance'

Micah Program, August 2013 to May 2015

- Accompanied freshmen in the learning community as a small-group leader for two consecutive years: held weekly meetings which encouraged reflection; making and reviewing goals, and discussing community, faith, service, and academics