



ACI at UIUC Student Chapter

ACI 2017 Spring Convention

Detroit Michigan

March 27th 2017

History of ACI at UIUC

- ACI-UIUC was founded in 1993
 - Undergraduate and Graduate Students
 - Mainly from CEE
- Affiliated with the ACI-Illinois (Chicago) and ACI-International (Farmington Hills, MI)
- Awarded “Excellent University” by ACI International 2011-2016

Membership

- Faculty advisor: Professor John S. Popovics, PhD
- ACI officers:
 - President - Robbie Damiani
 - Vice President - Jamie Clark
 - Treasurer - Sachindra Dahal
 - Secretary - Omar Jadallah
 - Webmaster - Kathleen Hawkins
- Over 20 paid members



Highlights of ACI at UIUC



ACI Convention: Milwaukee 2016



ACI Convention: Philadelphia 2016



ACI Convention: Detroit 2017
(18 Students in attendance)

Monthly General Body Meetings

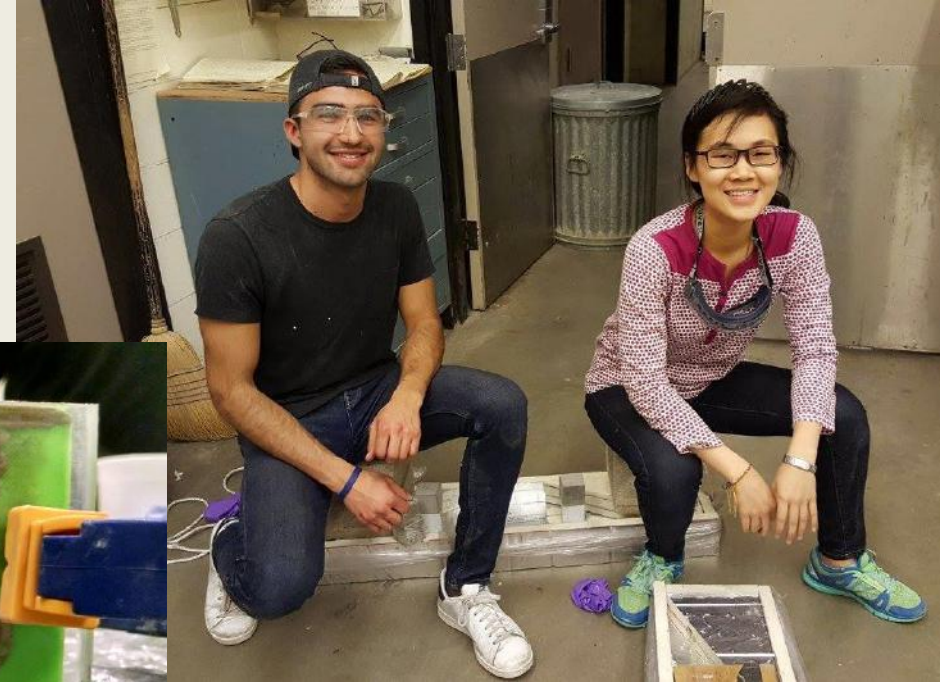
- Monthly meetings with guest speakers from industry and academia
- Past presenters include:
 - Professor David Lange
 - Wiss Janney and Elstner Associates, Inc.
 - Applied Pavement Technology
 - US Navy Civil Engineering Corps



General Meeting (WJE Presentation)

Undergraduate Participation

- ACI student competition allows undergraduates to get hands on experience solving engineering problems with concrete



Undergraduate students:
Juan Pablo Mendez-Ruiz and Lillian Lau



Mortar Workability



3D printed mold for concrete bowling ball

Workshops

- Workshops offered to students across all disciplines
- This year's workshops included:
 - Fundamentals of Mathematica
 - Introduction to LaTeX
- Workshops are taught by students to students
- Gives grad students an opportunity to share their knowledge and practice teaching/communication skills



Mathematica Workshop (over 50 people attended)

Annual ACI-IL Joint Dinner

- Annual Joint dinner with Illinois Professional and ACI at UIUC Student Chapter
- Students have an opportunity to network with ACI professional members close to home
- Students have an opportunity to share their academic and research accomplishments



ACI-IL Joint Dinner (2016)

Engineering Open House (EOH)

- “Concrete Coaster” Exhibit
 - Children create coasters from rapid hardening mortar and foam letters
 - Demonstrate compressive strength of high strength concrete cylinders



Engineering Open House (2017) Concrete Coaster Exhibit

Thank you!

