

2018-2019 ANNUAL REPORT

University of Memphis Student Chapter of the Earthquake Engineering Research Institute



Report Date: June 2019

This report summarizes the membership and activities conducted by the University of Memphis Student Chapter of the Earthquake Engineering Research Institute during the 2018-2019 academic year.

MISSION & GOALS

The mission of the EERI student chapter at The University of Memphis is to increase the awareness of students about the earthquake risk and the role of engineers and scientists to mitigate the impact of earthquake on society. Our EERI student chapter aims at promoting the education and provides the opportunity for students to develop leadership and interpersonal skills within the earthquake engineering fields.

MEMBERSHIP

The University of Memphis Student Chapter had more than 30 members in 2017-2018.

OFFICERS

The Board consisted of the following members:

Role	Name	Email	Student Status
President and SLC representative	Nima Nazemi	nnazemi@memphis.edu	Graduate student
Vice-President	Ali Farhadi	afarhadi@memphis.edu	Graduate student
Secretary	Talal Esmail	tesmail@memphis.edu	Undergraduate student
SDC Coordinator	Christine Moore	cmmore11@memphis.edu	Graduate student
Treasurer	Mehdi Rostamian	mrstmian@memphis.edu	Graduate student
SLC Representative	Mohsen Maniat	mmaniat@memphis.edu	Graduate student

Board meetings were held monthly at department of civil engineering. Meetings were intended to discuss our activities, fundraisings, and SDC team progress.



Nima Nazemi



Ali Farhadi



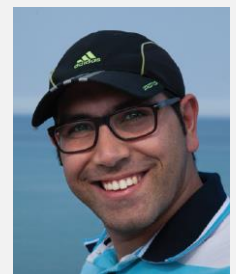
Talal Esmail



Christine Moore



Mehdi Rostamian



Mohsen Maniat

FACULTY & INDUSTRY ADVISORS

Dr. Shahram Pezeshk. Email: spezeshk@memphis.edu, phone: (901)678-4727

BUDGET & FINANCIALS

Briefly describe the chapter budget and financials, with text description or any tables and charts as needed. List any financial sponsors of your chapter.

Sponsor Name/Organization	Amount
Herff College of Engineering	\$4,925
Allen & Hoshall	\$1,000
Chad Stewart & Associates, Inc	\$1,000
UofM Civil engineering Department	\$2,000
Dr. Stephanie Ivey	\$600

CHAPTER ACTIVITIES

Engineering Day (E-Day, Friday, October 19th, 2018) at the University of Memphis

E-Day is an annual open house event hosted by the Herff College of Engineering at the University of Memphis. Composed of numerous activities, including the competitions outlined below as well as engineering lab tours and multiple walk-up activities throughout the college, the event has historically attracted thousands of Memphis area middle and high school students! This year, E-Day was also a part of STEMconnector®'s STEM Career Accelerator Day. EERI student chapter at the University of Memphis actively participated in the 2019 E-Day and talked to visiting students about the earthquake engineering related issues.



EERI Student Chapter Seminar (Friedman Family Visiting Scholar) (Friday, May 3, 2019)

Dr. Nikolaou's lecture drew a broad picture of the term Resilience for us. She defined the term with examples and figures and knitted everything to a civil engineer's knowledge. She tried to bring resilience in light as a growing necessity and a school of thought that needs to be engineered to address the post disaster functionality of structures and infrastructures. We also benefited from Dr. Nikolaou's experiences in work. We asked Dr. Nikolaou to have a mentorship session with graduate students to discuss resumes and job opportunities. In this one-hour friendly meeting, graduate student discussed their projects, their CVs, experiences in applying for jobs and internships. It was a meaningful discussion since students were able to hear a professional's experience and ideas.



SEISMIC DESIGN COMPETITION TEAM

SDC Team Members

A complete list of members is shown below.

Name	Email	Role
Paul Kendal Montray	pkmntray@memphis.edu	Team Captain
Andrew James Robinson	rbnson26@memphis.edu	Team Member
Huan Hoang Ngo	hhngo@memphis.edu	Team Member
John Zacher	jzacher@memphis.edu	Team Member
Kamron Jafari	kjafari@memphis.edu	Team Member
Raymonde Louise Bell	rbell2@memphis.edu	Team Member
Talal Esmail	tesmail@memphis.edu	Team Member
Julian Sanchez-Pinto Barrera	jsnchzpn@memphis.edu	Team Member
Abdurahman Abdulhadi	bdulhadi@memphis.edu	Team Member

Team results and lessons learned

Our SDC team ranked 3rd in 2019 SDC Competition. It was a record-breaking achievement acquired through hard work, experience, and flow of knowledge through the history of our SDC Teams. We hope we can continue to be among top universities in future Seismic Design competitions.

