

2018-2019 ANNUAL REPORT

UC DAVIS



University of California, Davis Student Chapter of the Earthquake Engineering Research Institute

Report Date: June 21, 2019

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

MISSION & GOALS

The mission of the EERI Student Chapter at UC Davis is to provide the opportunity for students to develop leadership and interpersonal skills, and gain practical experience and exposure within the earthquake engineering fields. The chapter serves the UC Davis community for the purpose of sharing knowledge, exchanging experiences, and promoting education through various activities.

MEMBERSHIP

The University of California, Davis Student Chapter had a total of 10 members in 2018-2019.

OFFICERS

The Board consisted of the following members:

Role	Name	EERI Member Number	Email	Student Status
Co-President	Francisco Humire	29896	fahumire@ucdavis.edu	Graduate student
Co-President	Jin Zhou	30573	zjzzhou@ucdavis.edu	Graduate student

Jin Zhou replaced Pouria Kourehpaz in the position of Co-president of the Student Chapter at April 5th. Board meetings were held monthly at the lobby of Ghausi Hall.



Francisco Humire



Jin Zhou

FACULTY & INDUSTRY ADVISORS

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MEMBERS

A complete list of members is shown below.

Name	EERI Member Number	Email	Student Status
Patrick Bassal	16153	pcbassal@ucdavis.edu	Graduate student
Trevor Carey	16748	tjcarey@ucdavis.edu	Graduate student
Laura Hernandez-Bassal	16931	lauhernandez@ucdavis.edu	Graduate student
Maya El Kortbawi	19156	melkortbawi@ucdavis.edu	Graduate student
Ahmed Al Jasar	19922	afaljasar@ucdavis.edu	Graduate student
Tyler Oathes	19924	tjoathes@ucdavis.edu	Graduate student
Pouria Kourehpaz	19942	kourehpaz@ucdavis.edu	Graduate student
Renmin Pretell	29976	rpretell@ucdavis.edu	Graduate student

BUDGET & FINANCIALS

EERI Student Chapter at UC Davis Financial Report:

Initial Balance (September 24, 2018): \$229.02

Credits:

EERI Membership Dues Subsidy (Pending): +\$0.00

Total Credits: +\$0.00

Expenses:

Pizzas for Recruitment Meeting (October 10, 2018): -\$79.75

Snacks for Seminar of Dr. Mooneghi (January 23, 2016): -\$28.07

Total Expenses: -\$107.82

Final Account Balance: \$ 121.20

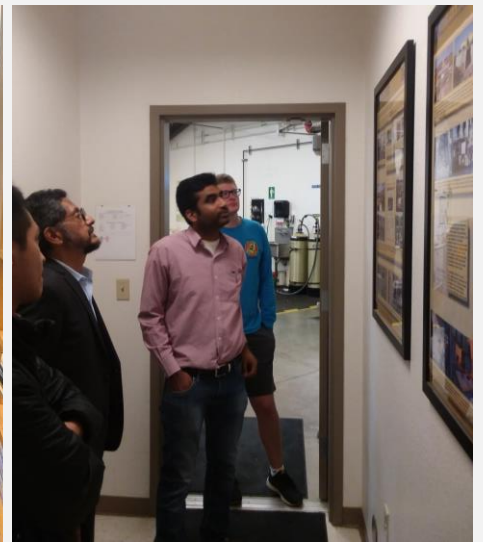
CHAPTER ACTIVITIES

Recruitment Meeting

On September 24th, we hold an info session to present the board for the 2018-2019 academic year and to recruit new members for our student chapter. Around 15 people attended the meeting and we discussed different ways to revitalize the chapter.

Friedman Family Visiting Professional Program

On April 4th, we received the visit of Dr. Jorge Meneses as part of the Friedman Family Visiting Professional Program. His lecture "Seismic Ground Motions for Evaluation of Liquefaction Triggering" gathered around 30 people (between faculty and students) from the Geotechnical and Structural Engineering groups. In addition to the lecture given by Dr. Meneses, we organized a series of activities for his visit including: research presentations by PhD students, meetings for career advice for graduate students, tour of research facilities (centrifuge and soil-interactions laboratory), and lunch with graduate students. We deeply appreciate that Dr. Meneses spent so much time talking with the students about their researches and career goals.



Outreach

On May 18th, our student chapter participated in Science Extravaganza, which is an outreach event for K-12 students organized by the Chicano and Latino Engineers and Scientists Society (CALESS). In this event we received more than 60 students and we thought them about the movement of structures subjected to different ground motions. For this purpose, we asked the students to build structures using K'nex connections and to minimize the lateral drift experienced when subjected to an earthquake loading.



Meetings with other organizations

On January 25th we hold a meeting with members of the board of the EERI Northern California Regional Chapter. The main objective of this meeting was to discuss opportunities for collaboration and ideas for improving our student chapter.

On June 14th we met with members of the Chi Epsilon Student Chapter at UC Davis. This chapter is composed by a select group of undergraduate students in civil engineering. The main purpose of this meeting was to discuss collaboration for the 2020 Seismic Design Competition in San Diego.

Lecture by Dr. Maryam Asghari Mooneghi

On January 23rd, Dr. Maryam Asghari Mooneghi presented her work called "Induced Seismicity in the Groningen Region of the Netherlands". Her lecture gathered around ten graduate students of the Structural and Geotechnical Engineering groups. Dr Mooneghi is a Structural Engineer currently working at AECOM in Sacramento who has more than 10 years of combined academic and industry experience.



SEISMIC DESIGN COMPETITION TEAM

In the last years, UC Davis had not participated of the Seismic Design Competition (SDC). This year, we decided to form an alliance with a student chapter of undergraduate students in civil engineering (Chi Epsilon) to have a team for the 2020 SDC in San Diego. Graduate students who are members of our chapter will work in mentoring the undergraduate team and will assist in obtaining funds for the participation in the 2020 SDC.

ELECTION & ELECTION RESULTS

Since the academic year at UC Davis starts in September, the election for officers for the 2019-2020 year will be hold in September 2019. The new officers of the Chapter board will take office a week after the election.

FEEDBACK FOR EERI

We suggest to announce soon the deadlines and requirements for the proposal for the 2020 Student Design Competition. This will help chapters that do not have previous experience in this competition (like ours) to plan their work in advance.