

2015-2016 ANNUAL REPORT

Cal State Fullerton Student Chapter of the Earthquake Engineering Research Institute



Report Date: April XX, 2016

This report summarizes the membership and activities conducted by the California State University, Fullerton Student Chapter of the Earthquake Engineering Research Institute during the 2015-2016 academic year.

MISSION & GOALS

The goal of the California State University Fullerton chapter is to promote and advance the science and practice of earthquake engineering at the university and local community level.

MEMBERSHIP

The Cal State Fullerton Student Chapter had a total of 11 members in 2015-2016. The Chapter conducts annual presentations and social mixers within the Civil Engineering Department to attract new members.

OFFICERS

The Board consisted of the following members:

Role	Name	EERI Member Number	Email	Student Status
President	George Nguyen		g.nguyen@csu.fullerton.edu	Undergraduate student
Vice President	Jeffrey Addison		Jeffrey.j.addison@gmail.com	Graduate student
Treasurer	Gian Piatos		Gico_piatos@yahoo.com	Undergraduate Student
Secretary	Pratyush Pandey		Prpandey123@gmail.com	Undergraduate Student

FACULTY & INDUSTRY ADVISORS

Kristijan Kolozvari, PhD, PE

David Naish, PhD, PE

MEMBERS

A complete list of members is shown below.

Name	EERI Member Number	Email	Student Status
Alejandro Zhou		Atenyen77@csu.fullerton.edu	Undergraduate student
Meghan Anderson		meghankesel@csu.fullerton.edu	Undergraduate student
Tony Hernandez		Hernandezt17@yahoo.com	Undergraduate student

Gian Piatos		Gico_piatos@yahoo.com	Undergraduate student
George Nguyen		g.nguyen@csu.fullerton.edu	Undergraduate student
Pratyush Pandey		Prpandey123@gmail.com	Undergraduate student
Hardy Mai		Hardymai115@gmail.com	Undergraduate student
Jeffrey Addison		Jeffrey.j.addison@gmail.com	Graduate student
Kevin Hwang		Kevinhwang.kh@csu.fullerton.edu	Undergraduate student
Anup Gautam		Aq769@csu.fullerton.edu	Graduate student
Brenda Elias		Elias_brenda@csu.fullerton.edu	Undergraduate student

BUDGET & FINANCIALS

As relatively young chapter (only 2 years old) we are still searching for sponsors. Currently, the Chapter is supported by the University through the Intra Club Council ((ICC) by \$500 per student member. We are anticipating to reach out to local community, SEAOSC and LA Tall Buildings Structural Design Council for future funding support.

Sponsor Name/Organization	Contact Person	Amount
ICC	Victor Delgado	\$2000

CHAPTER ACTIVITIES

- Preparing for the SDC, Sep 2015-Nov 2015
- Building practice models, Mar 2016-May 2016
- Planning outreach to local schools, Feb 2016
- Planning field trips, Feb 2016
- LATBSDC Conference, May 6, 2016

REGULAR CHAPTER MEETINGS

Chapter meetings regularly held on Fridays in the afternoon. Majority of the meetings during the fall semester were primarily meant to prepare for SDC. Various workshops were held to introduce members to earthquake engineering and structural design. Members were also introduced to computer modeling software commonly used in structural engineering, such as SAP2000. The majority of spring semester was spent creating practice models to teach members about the various structural systems used as well as how to build the models for the competition.

SEISMIC DESIGN COMPETITION TEAM

Interested members met every Friday to participate in the competition. Fall semester was spent researching material for the proposal as well as designing the actual structure itself.

SDC Team Members

A complete list of members is shown below.

Name	EERI Member Number	Email	Role
George Nguyen		g.nguyen@csu.fullerton.edu	Captain
Gian Piatos		gico_piatos@yahoo.com	
Pratyush Pandey		Prpandey123@gmail.com	
Alejandro Zhou		Atenyen77@csu.fullerton.edu	
Meghan Anderson		meghankesel@csu.fullerton.edu	
Tony Hernandez		Hernandezt17@yahoo.com	
Hardy Mai		Hardymai115@gmail.com	

Team results and lessons learned

The Cal State Fullerton was unable to participate in the 2016 SDC. The reason being was that we were not invited to this year's competition due to not following required format for proposals. Despite not being invited the CSUF team continued to design and build a structure during the spring semester. The team designed and built a structure according to the requirements of this year's competition. The structure was built using a new method that we had not used before.

ELECTION & ELECTION RESULTS

An election for officers for the 2016-2017 academic year was held in Month 20XX. The table below shows the new officers appointed to the Chapter board who will take office on August 2016.

Role	Name	EERI Member Number	Email	Student Status
President	Alejandro Zhou		atenyen77@csu.fullerton.edu	Undergraduate student
Vice-President	Pratyush Pandey		prpandey123@gmail.com	Undergraduate student
Treasurer	Meghan Anderson		meghankesel@csu.fullerton.edu	Undergraduate student

LIST OF ATTACHMENTS

- Item 1, student outreach fliers. (8.8x5.5)



EERI Earthquake Engineering Research Institute

What is EERI?

- A research institute that focuses on Earthquake Engineering
- What is earthquake engineering? Well it is a branch of civil engineering focusing on reducing seismic risk and damage to manmade and environmental structures
- If you want to build unique structures as seen on the left then come on and join us to make a balsa wood structure


STUDENT DESIGN COMPETITION:
construct a model high-rise out of balsa wood

**First meeting: September 3rd, at 2 pm
inside E 10 (Civil Engineering Lab)**

CONTACT INFORMATION:

Email: EERI.CSUF@GMAIL.COM

Stay in the loop at... www.facebook.com/EERI.CSUF



EERI Earthquake Engineering Research Institute

What is EERI?

- A research institute that focuses on Earthquake Engineering
- What is earthquake engineering? Well it is a branch of civil engineering focusing on reducing seismic risk and damage to manmade and environmental structures
- If you want to build unique structures as seen on the left then come on and join us to make a balsa wood structure

STUDENT DESIGN COMPETITION:
construct a model high-rise out of balsa wood

**First meeting: September 3rd, at 2 pm
inside E 10 (Civil Engineering Lab)**

CONTACT INFORMATION:

Email: EERI.CSUF@GMAIL.COM

Stay in the loop at... www.facebook.com/EERI.CSUF

- Item 2, Student outreach fliers (8.5x11)



Earthquake Engineering Research Institute



STUDENT DESIGN COMPETITION:
construct a model high-rise out of balsa

- What is EERI?**
- A research institute that focuses on Earthquake Engineering
 - What is earthquake engineering? Well it is a branch of civil engineering focusing on reducing seismic risk and damage to manmade and environmental structures
 - If you want to build unique structures as seen on the left



First meeting: September 3rd, at 2 pm
inside E 10 (Civil Engineering Lab)

Email: EERI.CSUF@GMAIL.COM

 **www.facebook.com/EERI.CSUF**