



EERI California State University Fullerton Student Chapter

2014 – 2015 Annual Report

October 8, 2014

EERI CSUF Chapter Office

President: Jeffrey Addison (EERI ID# 17326)

Treasurer: Brenda Perez (EERI ID# 17348)

EERI CSUF Faculty Advisor

Kristijan Kolozvari, Ph. D. (EERI ID# 14927)

kkolozvari@exchange.fullerton.edu

EERI CSUF Contact Member

Nagi Abo-Shadi, Ph. D., P.E., S.E. (EERI ID# 17438)

nagi@structuralec.com

Current Members

Name	EERI ID#	University Enrollment Status
Daniel Judge	17429	Undergraduate
Alonso Rivera	17395	Undergraduate
Alberto Gaona	17394	Undergraduate
George Nguyen	17445	Undergraduate
Austin Straus	17349	Graduate

Recent Activities

October 2, 2014: First Annual Meeting for Academic Year 2014-2015

This meeting was to promote membership in EERI. The benefits of becoming an EERI member were presented as well as the terms of being an EERI member at CSUF. The chapter's future planned events were discussed and a brief introduction on many of EERI's competitions and research were provided to prospective members. Videos from last year's Seismic Design Competition were played to advocate undergraduate students to participate.

Upcoming Activities

October 16, 2014: SDC First Annual Meeting

Planned Events for Academic Year 2014-2015

- 1) Undergraduate Seismic Design Competition (October 2014 – March 2015)
- 2) Annual Graphics Design Competition
- 3) San Andreas Fault hike (January 2015)
 1. Investigate geological aspects of the San Andreas Fault that can be useful in conceptualizing how earthquakes behave.
 2. Develop an experiment to measure relative displacement between the fault over a period of time (6 months, 12 months, etc.). Use surveying equipment to measure the displacement or accurate GPS.
- 4) Construction Site Visit (TBD)
 1. Visit a construction site to identify important design aspects of the lateral system.
 2. Investigate structural components such as:
 - i. Type of lateral system
 - ii. Connection Detailing
 - iii. Member orientation
 - iv. Diaphragm type
- 5) Youth Outreach Shake Table Experiment (TBD)
 1. Conduct a fun and intriguing experiment using the laboratory shake table to demonstrate the effects of earthquakes to grade school students (K-12).
 2. Develop a construction contest amongst the visiting students using erector set pieces. Test the structure on the shake table and measure roof displacement (or acceleration) to determine the winner.
- 6) Guest Speaker/Lecture (TBD)
 1. Bring professional experts to give lectures on earthquake engineering, current research, design theory, ect.
 2. Work with local structural engineering firms and/or consultants on current or past jobs to develop unique and innovative designs that can be directly related to the project.

Please feel free to contact our student chapter anytime at EERI.CSUF@gmail.com.

Respectfully,

Jeffrey Addison
EERI CSUF Chapter President

Kristjian Kolozvari
EERI CSUF Faculty Advisor