

20XX-20XX ANNUAL REPORT

University of Connecticut Student Chapter of the Earthquake Engineering Research Institute



Report Date: May 2, 2016

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

MISSION & GOALS

The chapter mission, as stated in the EERI UConn student chapter constitution is, "The objective of this Chapter shall be to increase awareness and understanding of physical, social, environmental and economic hazards, earthquake risk, and mitigation. This shall be done through outreach events, lectures, workshops, seminars, student paper competitions, participation in the Institute's Undergraduate Seismic Design Competition, and other relevant events."

MEMBERSHIP

The University of Connecticut Student Chapter had a total of 20 members in 2015-2016.

OFFICERS

The Board consisted of the following members:

Role	Name	EERI Member Number	Email	Student Status
President	Michael Harris	18067	Michael.harris@uconn.edu	Graduate student
Vice President	Amanda McBride	17933	Amanda.mcbride@uconn.edu	Graduate student
Treasurer	Kevin McMullen	17700	Kevin.mcmullen@uconn.edu	Graduate student
Secretary	Suvash Dhakal		Suvash.dhakal@uconn.edu	Graduate student

Board meetings were held informally to prepare for a upcoming events such as guest lectures.

FACULTY & INDUSTRY ADVISORS

Faculty Advisors: Professor Richard Christenson and Professor Arash Esmaili Zaghi

MEMBERS

A complete list of members is shown below.

Name	EERI Member Number	Email	Student Status
Aileen Vandenberg		Aileen.Vandenberg@uconn.edu	Graduate student
Alexandra Hain	17671	Alexandra.hain@uconn.edu	Graduate student

Amanda McBride	17933	Amanda.mcbride@uconn.edu	Graduate student
Austin Cormier	18551	Austin.cormier@uconn.edu	Undergraduate Student
Arash Zaghi		Aze11001@engr.uconn.edu	Faculty Advisor
Brittany Shakley		Brittany.shakley@uconn.edu	Undergraduate Student
Chenhao Jin		Chenhao.jin@uconn.edu	Graduate student
Claudia Maldonado	18554	Claudia.maldonado@uconn.edu	Undergraduate Student
Edward Eskew	17399	Edward.eskew@uconn.edu	Graduate student
Kevin McMullen	17700	Kevin.mcmullen@uconn.edu	Graduate student
Lori Fomenko	18681	Lori.fomenko@uconn.edu	Undergraduate Student
Lynne Lofberg	18522	Lynne.lofberg@uconn.edu	Undergraduate Student
Martin Ogwang	17874	Martin.ogwang@uconn.edu	Undergraduate Student
Megan Leether	18690	Megan.leether@uconn.edu	Undergraduate Student
Michael Harris	18067	Michael.harris@uconn.edu	Graduate student
Muammer Avci		Muammer.avci@uconn.edu	Graduate student
Nicole Prete	18552		
Richard Christenson		rchrste@uconn.edu	Faculty Advisor
Rosana Martinez-Castro	17346	Rosana.martinez-castro@uconn.edu	Graduate student
Sergio Lobo-Alguilar		Sergio.lobo-alguilar@uconn.edu	Graduate student
Suvash Dhakal	18079	Suvash.dhakal@uconn.edu	Graduate student
Samuel Turek	18693	Samuel.Turek@uconn.edu	Undergraduate Student

BUDGET & FINANCIALS

Briefly describe the chapter budget and financials, with text description or any tables and charts as needed.

The chapter spent almost \$5,600.00 over this year. We are still working on the exact amount as the bill of all the purchases just prior to, and at the EERI annual conference is being collected from the team members. The major expenses were for competition registration, airfare and the lodging of the SDC team to attend the competition in San-Francisco, CA.

Besides the airfare and the lodging, other expenses were for purchasing the supplies (balsa wood) and other accessories (glue and knives). The chapter also organized 3 seminars, including snacks and beverages which were purchased for the attendees.

The major supporter for this chapter was undergraduate student government of the University of Connecticut, the civil and environmental engineering department and the Graduate Student senate. The combined support from all the three body is around \$6000 (we are still working on the exact figures).

List any financial sponsors of your chapter.

Sponsor Name/Organization	Contact Person	Amount
Undergraduate Student Government (USG) UConn	fundingboard@usg.uconn.edu	\$3992.10
CEE Department	jzoldak@enr.uconn.edu	\$2000.00
Graduate Student Senate (GSS) UConn	gssuconn@gmail.com	\$209.78

CHAPTER ACTIVITIES

REGULAR CHAPTER MEETINGS

Generally, the chapter meetings were held in the evening and were mostly directed towards preparing for the SDC. This included brief lessons on structural dynamics and energy dissipation strategies. During the meetings, the structural design for the SDC was cemented and the possibility of using a tuned mass damper was discussed.

FRIEDMAN FAMILY VISITING PROFESSIONAL or DISTINGUISHED LECTURE VISIT

If you were matched with an EERI Friedman Family Visiting Professional or hosted the EERI Distinguished Lecturer, briefly describe the highlights of the visit.

Distinguished Lecture: Dr. Robert Olshansky

Dr. Olshansky spoke to the University of Connecticut faculty and students about the importance of considering the human needs and livelihoods when devising reconstruction plans after earthquakes.

FFVP: Dr. Nathan Gould

Dr. Nathan Gould met with students to provide them with career advice and answer questions about the professional side of structural engineering. He then gave a lecture on the lesser known hazards that structures face including blasts, tornadoes, and earthquakes. This included the discussion of how to protect and analyze these dangers.

Guest Lecturer: Dr. Judith Mitrani-Reiser

Dr. Mitrani-Reiser spoke about her reconnaissance work after the earthquake in Nepal.

SEISMIC DESIGN COMPETITION TEAM

Numerous meetings were held to discuss the strategy for the seismic design competition. This included analyzing the scoring system to decide how to optimize the structural response based on the scoring system. In addition, meetings were also held to discuss the possibility of including a tuned mass damping device within our structural system. The actual building of the structure was carried out by a team of roughly 7 members and the whole of the construction took place within a few weeks. The final construction of the building was performed at San Francisco after shipping the building pieces to the conference.

SDC Team Members

A complete list of members is shown below.

Name	EERI Member Number	Email	Role
Martin Ogwang	17874	Martin.ogwang@uconn.edu	SDC Team Captain
Megan Leether	18690	Megan.leether@uconn.edu	
Lori Fomenko	18681	Lori.fomenko@uconn.edu	
Samuel Turek	18693	Samuel.turek@uconn.edu	
Nicole Prete	18552	Nicole.prete@uconn.edu	
Claudia Maldonado	18554	Claudia.maldonado@uconn.edu	
Austin Cormier	18551	Austin.cormier@uconn.edu	

SDC Team Financial Sponsors

A list of financial sponsors for the SDC team.

Name	Email	Amount	Note
Undergraduate Student Government (USG) UConn	fundingboard@usg.uconn.edu	\$3992.10	--still working out the final amount
CEE Department	jzoldak@engr.uconn.edu	\$2000.00	--still working out the final amount

Team results and lessons learned

Our building did not perform as well as expected. Part of this was due to the fact that the team suffered a technical collapse because our weights moved too much. However, there was no official measurement to determine how much the weights were moving, so our resulting score was very disappointing.

In the future, it would be much more advantageous to construct the entire building prior to the conference and ship it there as a whole. In addition, it will be made more certain that the weights do not move at all so that a technical collapse is not assigned.

ELECTION & ELECTION RESULTS

An election for officers for the 2016-2017 academic year will be held in Fall 2016. The table below shows the current officers.

Role	Name	EERI Member Number	Email	Student Status
President	Michael Harris	18067	Michael.harris@uconn.edu	Graduate student
Vice President	Amanda McBride	17933	Amanda.mcbride@uconn.edu	Graduate student
Secretary	Kevin McMullen	17700	Kevin.mcmullen@uconn.edu	Graduate student
Treasurer	Suvash Dhakal	18079	Suvash.dhakal@uconn.edu	Graduate student

LIST OF ATTACHMENTS

Included at the end of this report are various attachments to supplement the information included above. A list of the attachments is included below:

- Item 1, Announcement for Robert Olshansky Lecture
- Item 2, Announcement for Judith Mitrani-Reiser Lecture
- Item 3, Announcement for Nathan Gould Lecture

Insert any pdfs of these documents in your final report.