

2014-2015 ANNUAL REPORT

University of Nebraska Student Chapter of the Earthquake Engineering Research Institute



Report Date: June 27, 2015

This report summarizes the membership and activities conducted by the University of Nebraska Student Chapter of the Earthquake Engineering Research Institute during the 2014-2015 academic year.

MISSION & GOALS

During the 2013-2014 academic year, our president was a senior, and the rest of the group was comprised of freshmen. Therefore, all of the executive board for the 2014-2015 academic year were sophomores. So our chapter's main goal was to construct a tower, take it to the SDC, and learn as much as we could about the entire process along the way.

MEMBERSHIP

The University of Nebraska Student Chapter had a total of 5 paid, national members in 2014-2015.

OFFICERS

The Board consisted of the following members:

Role	Name	EERI Member Number	Email	Student Status
President	Jonathan Ingram	17014	jingram@unomaha.edu	Undergraduate Student
Vice President	Allison Brock		abrock@unomaha.edu	Undergraduate Student
Secretary	KayLee Taylor	16700	krtaylor@unomaah.edu	Undergraduate Student
Treasurer	Blake Weatherly		bweatherly@unomaha.edu	Undergraduate Student

Board meetings were held once a month on Friday afternoons.

FACULTY & INDUSTRY ADVISORS

List advisors with contact information and affiliation.

Dr. Terri R. Norton, PhD., AM.ASCE

tnorton3@unl.edu

Associate Professor at the Durham School of Architectural Engineering and Construction

MEMBERS

A complete list of members is shown below.

Name	EERI Member Number	Email	Student Status
Jacinta Christiansen		jay.christiansen4@gmail.com	Undergraduate Student
Andrew Holthaus	N/A	aholthaus@unomaha.edu	Undergraduate Student
Lori Talty	N/A	ltalty@unomaha.edu	Undergraduate Student
Chris Gunderson	N/A	cgunderson@unomaha.edu	Undergraduate Student
Rachel Obenland	N/A	robenland@unomaha.edu	Undergraduate Student
Elliot French	N/A	efrench@unomaha.edu	Undergraduate Student

BUDGET & FINANCIALS

List any financial sponsors of your chapter.

The only financial support we received was explicitly for the SDC. See SDC Sponsors.

Sponsor Name/Organization	Contact Person	Amount

CHAPTER ACTIVITIES

Describe chapter meeting activities including, at a minimum, a summary statement of the meetings held during academic year, giving the date of each, the attendance, the principal meeting activity, the invited speaker (if there is one) and his or her subject, and any other pertinent information about the meeting activity. Consider including images for each activity in this section, and consider adding any fliers, documents or other supporting information in an appendix as needed. The section headers below are intended to be a guide to help you organize information about your activities, however feel free to edit them as necessary to best reflect your chapter's activities.

REGULAR CHAPTER MEETINGS

Our goal for this year was to learn how to go about constructing a tower and taking it to the SDC. That being said, our meetings were all structured around the SDC. We discussed design concepts, production checklists, and progress reports during our meetings.

FRIEDMAN FAMILY VISITING PROFESSIONAL or DISTINGUISHED LECTURE VISIT

N/A

{Special Activity #1}

N/A

{Special Activity #2}

N/A

{Special Activity #3}

N/A

SEISMIC DESIGN COMPETITION TEAM

While our chapter only had five (5) national members, we had around 10 members in total. Almost everyone was able to help with the construction of the tower in some way. Some learned how to operate the laser cutter, some pieced individual floors together, and a final group performed the final erection of the tower as a whole. Furthermore, several other members performed the SAP2000 analysis and created the poster and presentation for the competition.

SDC Team Members

A complete list of members is shown below.

Name	EERI Member Number	Email	Role
Jonathan Ingram	17014	jingram@unomaha.edu	Team Member
Allison Brock		abrock@unomaha.edu	Team Member
Jacinta Christiansen		jay.christiansen4@gmail.com	Team Member
Blake Weatherly		bweatherly@unomaha.edu	Team Member
KayLee Taylor	16700	krtaylor@unomaha.edu	Team Captain

SDC Team Financial Sponsors

A list of financial sponsors for the SDC team.

Name	Email	Amount	Note
Johnson Controls, Inc.		\$200	
Olsson Associates			
Structural Engineers Association of Nebraska			
Durham School of Architectural Engineering and Construction			

Team results and lessons learned

The University of Nebraska SDC Team finished 4th place overall, which was much higher than we anticipated finishing. We considered this year to be a building and learning year, so that we could come back next year with a better idea of what worked and what didn't. Needless to say, this very high placing has everyone in the group excited about next year! We plan on following a more structured timeline for construction, along with performing several new tests to improve the accuracy of our predictions.

ELECTION & ELECTION RESULTS

An election for officers for the 2015-2016 academic year was held in April 2015. The table below shows the new officers appointed to the Chapter board who will take office in August 2015.

Role	Name	EERI Member Number	Email	Student Status
President	Jonathan Ingram	17014	jingram@unomaha.edu	Undergraduate student
Vice President	Allison Brock		abrock@unomaha.edu	Undergraduate student
Secretary	Lori Talty		ltalty@unomaha.edu	Undergraduate Student
Treasurer	Blake Weatherly		bweatherly@unomaha.edu	Undergraduate Student
Fundraising Chair	Jacinta Christiansen		jay.christiansen4@gmail.com	Undergraduate 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, i.e. flier for event
- Item 2, professional slide show or other handouts
- Item 3, other items

Insert any pdfs of these documents in your final report.