

# 2015 ANNUAL REPORT

## Northeastern University Chapter of the Earthquake Engineering Research Institute



Report Date: May 1, 2015

This report summarizes the membership and activities conducted by the Northeastern University Regional Chapter of the Earthquake Engineering Research Institute during 2015.

### MISSION & GOALS

The Northeastern University Regional Chapter aims to enrich the academic experience of students interested in Earthquake Engineering through discussions, lectures, and applications of earthquake engineering principles. To reach our goals, the Chapter intends to increase activity, membership, and involvement in the Northeastern University College of Engineering.

### MEMBERSHIP SUMMARY

The Northeastern University Regional Chapter had a total of 12 members in 2015.

#### OFFICERS

The Board consisted of the following members:

Role	Name	Email
President	Adam Lane	<a href="mailto:Lane.ad@husky.neu.edu">Lane.ad@husky.neu.edu</a>
Secretary-Treasurer	Abigail Owens	<a href="mailto:Owens.ab@husky.neu.edu">Owens.ab@husky.neu.edu</a>
Faculty Advisor	Jerome F. Hajjar	<a href="mailto:Jf.hajjar@neu.edu">Jf.hajjar@neu.edu</a>

### CHAPTER ACTIVITIES

In light of the fact that the 2015 Spring semester was the founding of the Northeastern University Regional Chapter, all chapter activities were related to preparation for the 2015 SLC Design Competition. These meetings included discussion of the design proposal, purchase of balsa wood and other materials for building, and construction of the model. Chapter meetings were not regular but on an as needed basis and were attended by the 6 members of the design team.

#### Gingerbread Building Competition

Members of the Northeastern University Regional Chapter participated in a community outreach event hosted by Northeastern University, in which the Civil Engineering Department organized a gingerbread building competition for local middle schools. After the students designed and constructed their gingerbread houses, Northeastern faculty tested each house with our shake table. The students were delighted to see their gingerbread houses collapse or remain standing during the earthquake simulation and gained a deeper understanding of engineering from the event.

## COMMUNICATIONS

The Northeastern University Chapter was assisted by the Northeastern University Chapter of the American Society of Civil Engineers for member recruitment. Every chapter meeting of NUASCE allows time for other civil engineering-related clubs to speak about their club and inform those in attendance about weekly meeting and activities. The Northeastern University Regional Chapter was able to gain 6 more student memberships due to NUASCE meetings.

## ELECTION & ELECTION RESULTS

Board positions were not elected during the Spring 2015 semester; the founding members of the chapter hold board positions. Elections for the Fall 2015-Spring 2016 officers will take place in Fall 2015.

## 2016 GOALS

In 2016, the Northeastern University Regional Chapter aims to begin a lecture series, increase membership and campus presence, finalize the Regional Chapter as a legitimate club recognized by Northeastern University, and participate in the 2016 SLC Design Competition.

### Membership

We hope to maintain the 12 members gained in the Spring semester of 2015 and attract more students, to both foster interest in Earthquake Engineering and form a competitive design team for the 2016 SLC Design Competition.

- Membership target = 12+

### Chapter Initiatives

In the upcoming year, the Northeastern University Regional Chapter intends to:

- Hold regular monthly or twice-monthly meetings
- Begin a lecture series
- Fundraise to bring a team to the 2016 SLC Design Competition
- Increase membership
- Finalize club status with Northeastern University