

Earthquake Engineering Research Institute

University of Minnesota Student Chapter



Annual Report: June 2012 – May 2013

General Information

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	Co-Treasurer	Alireza Nojavan	nojav002@umn.edu
	Faculty Advisor	Catherine French	cfrench@umn.edu

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	Treasurer	Alireza Nojavan	nojav002@umn.edu
	Competition Coordinator	Catherine Johnson	joh04739@umn.edu
	Faculty Advisor	Catherine French	cfrench@umn.edu

Meetings

Date	Business
Friday, August 10, 2012	Founding meeting for student chapter. Recruit members and reinstate chapter.
Friday, October 12, 2012	Assemble teams for Seismic Design Competition and Paper Truss Competition.
Tuesday, December 11, 2012	End of semester meeting. Update on competition teams and fundraising for travel.
Tuesday, February 26, 2013	Update on SDC performance. Organize visiting professional.
Tuesday, April 23, 2013	Amendment of constitution. Election of officers for 2013-2014.

Activities

Minnesota State Fair Civil Engineering Booth

August 27, 2012

The EERI-UMN student chapter helped promote understanding of earthquake engineering at the University of Minnesota Department of Civil Engineering Booth at the Minnesota State Fair. The booth was run by volunteers from the student chapter who conducted demonstrations covering soil liquefaction, shake-table testing of K'nex buildings, and “make-your-own-earthquake” seismographs.

Math and Science Family Fun Fair

November 17, 2012

The student chapter volunteered to run exhibits and activities at the Math and Science Family Fun Fair, an event aimed at promoting the sciences to primarily grade school students. Activities included those from the Minnesota State Fair exhibit, but with a strong emphasis toward shake-table testing of structures constructed by the grade-school attendees.

International Paper Truss Competition

November 30, 2012

The student chapter entered the Paper Truss Competition, a competition among universities from Colombia, Turkey, Japan, and the United States. The EERI-UMN chapter took first place in the competition.



International Paper Truss Competition: Testing the EERI-UMN chapter truss

MBJ Lunch Meeting

January 17, 2013

Representatives from the student chapter presented to MBJ about earthquake related research conducted at the University of Minnesota and about the EERI chapter. Andrew Gastineau presented an overview of the student chapter. Alireza Nojavan, Qingzhi “Andy” Liu, and Davide Giannuzzi presented their research as it relates to earthquake engineering. Representatives from the competition team presented on their design for the upcoming Seismic Design Competition.

Seismic Design Competition

February 13, 2013

The student chapter entered a team in the Seismic Design Competition held at the EERI Annual Meeting in Seattle. The team placed 25th. Sponsorship of the team was provided by MBJ, HGA, MTS, and the Department of Civil Engineering.

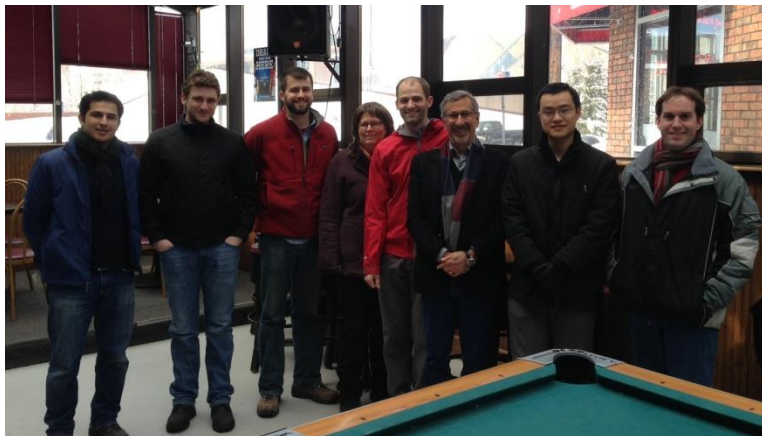


Seismic Design Competition Team Members: Chris Young, Christine Swisher, Andrew Morgan, Matt Bonnema, Gwyn Perry, Erin Kayser, and Matt McOlash

EERI Visiting Professional

April 19, 2013

The EERI student chapter hosted David Freidman who presented on the retrofit of the California Memorial Stadium at the University of California Berkeley.



EERI-UMN Chapter Officers with Visiting Professional: Alireza Nojavan, Davide Giannuzzi, Ben Dymond, Cathy French, Andrew Gastineau, David Freidman, Qingzhi “Andy” Liu, and Brock Hedegaard