

## University of Minnesota, EERI Student Chapter Annual Report 2007-2008

### General Information

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### Goals for 2008-2009:

- Continue to increase graduate and undergraduate student membership
- Begin the school year with an informational meeting for students
- Host visiting professional seminars at least once per semester through the Friedman Family Program
- Encourage more students to participate in outreach and educational activities

Guest Speakers: During the fall semester, our chapter hosted three speakers that spoke to our department.

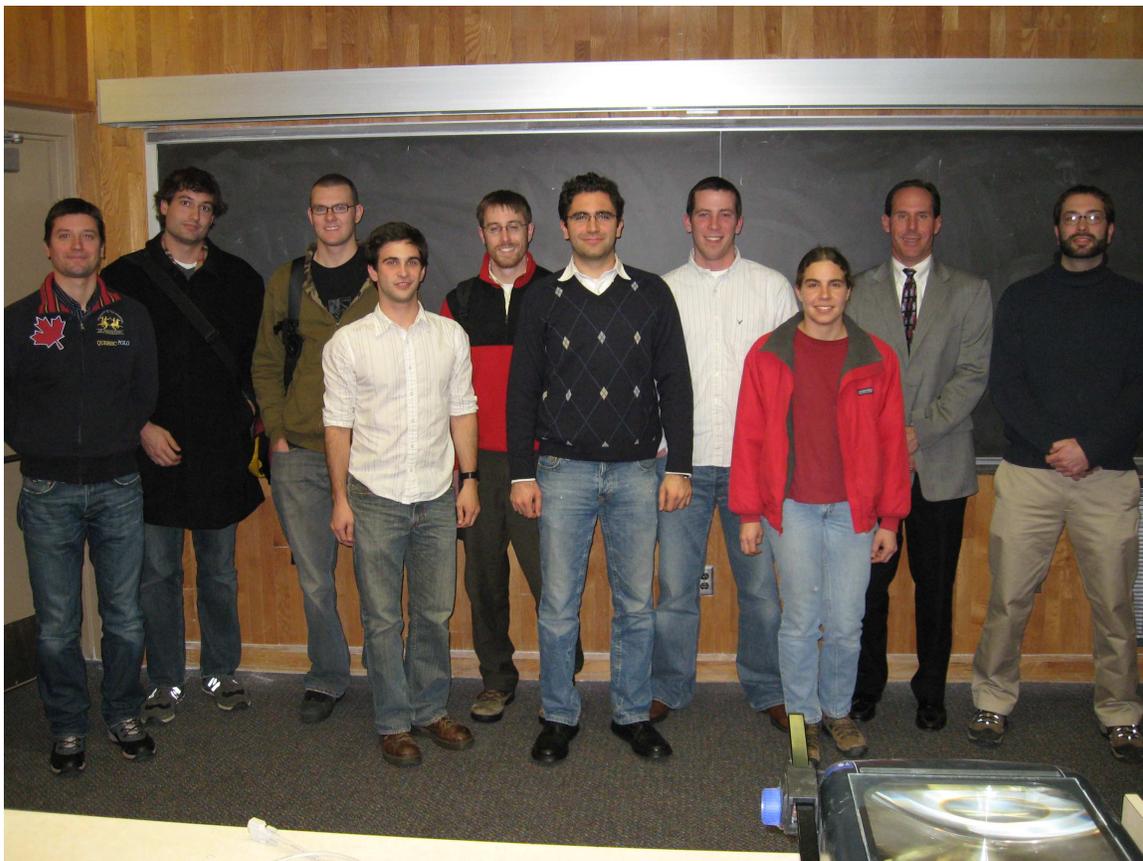
Our chapter hosted Mr. John Hooper from Magnusson Klemencic through the Friedman Family Visiting Scholar program. He presented his work in the seismic design of high rise structures and the use of steel plate shear walls.

These presentations offer a valuable opportunity for students and faculty to hear about earthquake related issues and research which is rarely discussed in Minnesota.

Also speaking to our chapter, Professor Erik Johnson from the University of Southern California spoke on his research regarding structural control and structural health monitoring.

Finally, Professor Katsumi Kobayashi visiting from Fukui University, Japan, presented his work on reinforced concrete structures and seismic retrofitting using FRP.

We are currently trying to find a speaker for the spring semester to complement the speakers through the fall semester.



**Outreach Events:** Our chapter participated in several outreach events so far this year. Through various outreach activities we have reached out to multiple schools to give presentations of age-appropriate seismic demonstrations. The highlight of our presentation is the use of a table-top shake table to demonstrate the effects of earthquakes on a scale building. A base isolation demonstration shows people some of the novel ways structures can be protected from seismic events. In Minnesota, these activities are especially useful because it builds regional awareness of earthquake hazards in a region that would normally not hear about it.

