



2014-2015 Annual Report
for the **University of Connecticut Student Chapter**
of the **Earthquake Engineering Research Institute**



May 01, 2015

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

Mission & Goals

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 29 student members, two faculty advisors and one industry advisor in 2014-2015.

Officers

The Board consisted of the following members:

Role	Name	EERI Member Number	Email	Student Status
President	Rosa Martinez-Castro	17346	rosana.martinez-castro@uconn.edu	Graduate student
Vice-President	Valeri Kolev	17351	valeri.kolev@uconn.edu	Graduate student
Treasurer	Hamza Aslam	17620	hamza.aslam@uconn.edu	Undergraduate student
Secretary	Sergio Lobo-Aguilar	17391	sergio.la@enr.uconn.edu	Graduate student

Board meetings were held monthly.

1. November 10th, 2014
2. December 12th, 2014.
3. January 20th, 2015.
4. February 18th, 2015.
5. March 11th, 2015.
6. April 8th, 2015.

Faculty & Industry Advisors

Faculty advisors:

- Arash E. Zaghi, PhD.
Castleman Building Room 328
Email: zaghi@enr.uconn.edu
Phone: 860-486-2468
- Richard Christenson, PhD.
Castleman Building Room 328
Email: rchriste@enr.uconn.edu
Phone: 860-486-2270

Industry advisor:

- Jochen Carl, PhD.
Email: Jochen.Carl@fmglobal.com
Phone: 781-255-4943



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Members

A complete list of members is shown below.

Name	EERI Member Number	Email	Student Status
Dylan Allen	17617	dylan.allen@uconn.edu	Graduate student
Hamza Aslam	17620	hamza.aslam@uconn.edu	Undergraduate student
Muammer Avci	17624	muammer.avci@uconn.edu	Graduate student
Surendra Baniya	18048	surendra.baniya@uconn.edu	Graduate student
James Barrows	17878	james.barrows@uconn.edu	Undergraduate student
Brooks Brown	17414	brooks.brown@uconn.edu	Undergraduate student
Edward Eskew	17399	edward.eskew@uconn.edu	Graduate student
Suvash Dhakal	18079	suvash.dhakal@engr.uconn.edu	Graduate student
Atabak Etemadi	17362	atabak.etemadi@uconn.edu	Graduate student
Lia Goncalves	17867	lia.goncalves@uconn.edu	Undergraduate student
Alexandra Hain	17671	alexandra.hain@uconn.edu	Undergraduate student
Michael Harris	18067	michael.harris@uconn.edu	Graduate student
Chenhao Jin	17369	chenhao.jin@uconn.edu	Graduate student
Jack Klucznik	17921	jack.klucznik@uconn.edu	Undergraduate student
Valeri Kolev	17351	valeri.kolew@uconn.edu	Graduate student
Sergio Lobo-Aguilar	17391	sergio.la@engr.uconn.edu	Graduate student
Mateo Lolo	17760	mateo.lolo@uconn.edu	Undergraduate student
Rosana Martinez-Castro	17346	rosana.martinez-castro@uconn.edu	Graduate student
Amanda McBride	17933	amanda.mcbride@uconn.edu	Graduate student
Kevin McMullen	17700	kevin.mcmullen@uconn.edu	Undergraduate student
Masoud Mehrraoufi	17405	mehr@engr.uconn.edu	Graduate student
Martin Ogwang	17874	martin.ogwang@uconn.edu	Undergraduate student
Thea O'Lari	17831	theaolari@yahoo.com	Undergraduate student
Joseph O'Neill	17913	joseph.o'neill@uconn.edu	Undergraduate student
Stephen Perich	17837	stephen.perich@uconn.edu	Undergraduate student
Christopher Regan	17695	christopher.regan@uconn.edu	Undergraduate student
Brittany Shakley	17354	brittany.shkley@uconn.edu	Undergraduate student
Aileen Vanderberg	17347	aileen.vandenberg@uconn.edu	Graduate student
Alek Zalewski	17925	alek.zalewski@uconn.edu	Undergraduate student



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Budget and Financials

Expenses

Description	Amount
SDC Materials & Labor	-\$486.83
SDC Lodging	-\$1,306.00
SDC Registration	-\$860.00
Lecture Refreshments	-\$100.00
Total expenses	-\$2,752.83

Income

Description	Amount
FEMA	\$260.00
O.U.R. UConn	\$1,100.00
FM Global	\$1,900.00
Dr. Richard Christenson	\$100.00
Total income	\$3,360.00

Balance	\$607.17
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Chapter Activities

1. Activity: Lecture
Guest Lecturer: Jochen Carl, PhD. Senior Research Scientist at FM Global.
Name of the lecture: "Testing the seismic performance of sprinkler systems".
Date: January 30th, 2015.
Attendance: 20.

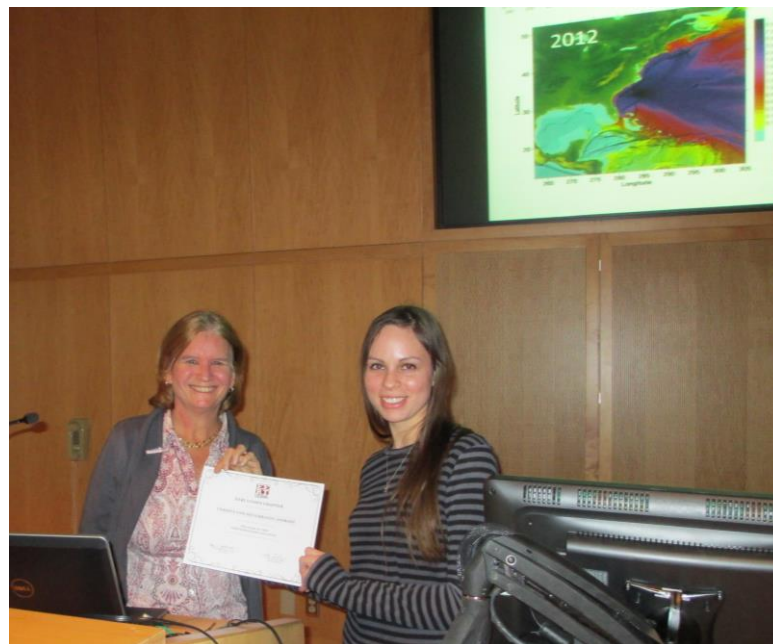




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2. Activity: Lecture
Guest Lecturer: Christa von Hillebrandt-Andrade.
Name of the lecture: "Tsunami in the Northwestern Atlantic".
Date: February 13th, 2015.
Attendance: 18





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- 3. Activity: FM Global Campus Visit
Date: April 14th, 2015
Attendance: 15





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Regular Chapter Meetings

Chapter meeting were held on:

1. January 26th, 2015
2. April 17th, 2015

Seismic Design Competition Team

This was the first year the University of Connecticut was represented in the competition. Undergraduate students were trained in structural vibrations. They were also taught to model in SAP2000 and perform time history analysis. The team worked hard to improve their design and submit their ideas for an effective structural and damping system.

SDC Team Members

A complete list of members is shown below.

Name	EERI Member Number	Email	Role
Dylan Allen	17617	dylan.allen@uconn.edu	Captain
Hamza Aslam	17620	hamza.aslam@uconn.edu	Team member
James Barrows	17878	james.barrows@uconn.edu	Team member
Brooks Brown	17414	brooks.brown@uconn.edu	Team member
Alexandra Hain	17671	alexandra.hain@uconn.edu	Team member
Jack Klucznik	17921	jack.klucznik@uconn.edu	Team member
Mateo Lolo	17760	mateo.lolo@uconn.edu	Team member
Kevin McMullen	17700	kevin.mcmullen@uconn.edu	Team member
Martin Ogowang	17874	martin.ogwang@uconn.edu	Team member
Thea O'Lari	17831	theaolari@yahoo.com	Team member
Joseph O'Neill	17913	joseph.o'neill@uconn.edu	Team member
Stephen Perich	17837	stephen.perich@uconn.edu	Team member
Christopher Regan	17695	christopher.regan@uconn.edu	Team member
Brittany Shakley	17354	brittany.shkley@uconn.edu	Team member
Alek Zalewski	17925	alek.zalewski@uconn.edu	Team member

A list of financial sponsors for the SDC team.

Name	Email	Amount	Note
FM Global	Jochen.Carl@fmglobal.com	\$1900	
Office of Undergraduate Research	our@uconn.edu	\$1100	



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Results, Outcomes and Lessons Learned

The team’s rankings and awards were:

1. 2nd in proposal
2. 13th in the competition
3. Degenkolb Structural Innovation Award

The team successfully understood the difficulties encountered in seismic design. Construction of the building and the dampers proved to be much more complex than expected. Material testing for improvements in construction was performed.

Election and 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 on August 2015.

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	Suvash Dhakal	18079	suvash.dhakal@engr.uconn.edu	Graduate student
Secretary	Kevin McMullen	17700	kevin.mcmullen@uconn.edu	Undergraduate student