2020 Seismic Design Competition

March 6th, 2020
Thank you to our 2020 EERI Seismic Design Competition Sponsors!
2020 SDC In Review

• Student Leadership Council: 19 members from 15 universities
• 46 competing teams from 8 countries and 17 US states and territories
• More than 22,000 live stream views and 16,000 Facebook interactions
• Nearly 400 students in attendance
# 2019-2020 Student Leadership Council

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- **Tyler Oathes**  
  University of California, Davis

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  University of California, Berkeley
- **Laura Hernandez-Bassal**  
  University of California, Davis
- **Patrick Bassal**  
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**GENERAL MEMBERS**

- **Chris Jackson**  
  Virginia Tech
- **Ahmed Gamal**  
  Ain Shams University
- **Ella Yazbeck**  
  University of Michigan
- **Nicole Aschoff**  
  University of Nebraska Omaha

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2020 Seismic Design Competition  
March 2 – 6, 2020 | San Diego, CA
Congratulations from the SLC!
Join the SLC!

• Going to grad school next year and hoping to stay involved with the Seismic Design Competition? Join us on the Student Leadership Council!

• Apply at www.slc.eeri.org

• For more information email us (slc@eeri.org)
You’ve graduated…
What do you do now?!?!!?
Joint the Younger Members Committee!

Young practitioners and academics

5 years out of school or younger than 35, whichever is less restrictive
Committee Goals

• Funnel Younger Members into EERI Committees
• Raise the profiles of Younger Members
• Provide Networking Opportunities
Learning From Earthquakes Travel Study Program

Learn about how communities have recovered from recent earthquakes.

Gives Younger Members reconnaissance experience!

- 2017 Study in Chile
- 2019 Study in New Zealand
- 2021 study in Mexico
Younger Members Blog!

Cushing, Oklahoma: What's happened to the historic downtown in the years following the 07 November 2016 M5.0 Earthquake?

By Ezea Jampole, Ph.D., PE.

On 07 November 2016 (01:44:25 UTC) a M5.0 earthquake [https://earthquake.usgs.gov/earthquakes/eventpage/us10007g88/executive] devastated the historic downtown of Cushing, Oklahoma. Within a week of the earthquake, EERI sent a reconnaissance team to Cushing to document the damage to the built environment and implement a business resilience survey in the historic downtown, shown in Figure 1. The team documented their observations and findings in a report [http://learningfromearthquakes.org/2016/09/07-oklahoma/images/2016_09_07_oklahoma/pdfs/Oklahoma-EERI-Report-2017-02-15-finalized.pdf], which addressed seismicity, geotechnical and ground motion effects, performance of buildings/lifelines, nonstructural components, emergency response, and social/economic impacts. Summarizing the observed building performance, unreinforced masonry (URM) buildings in the historic downtown (built circa 1930s) sustained significant damage, including out-of-plumbness, partial collapses, and extensive façade damage. This pattern of damage to URM buildings has been observed following numerous earthquakes around the world. At the time of initial reconnaissance, 41 businesses in the historic downtown were surveyed: 59% were open, 15% were closed, and 27% had either relocated, were seasonally closed, or had already closed prior to the earthquake. Damage to light frame homes and other non-URM structures was relatively minor, and there were minor disruptions to lifelines. Buildings in the business corridor, mostly constructed in the last thirty years, sustained little to no damage.

Feature the work of Younger Members on our website and in the Pulse and on our website!
Meet the Leaders Event at Conferences

Network with professionals and your peers!
After Graduation:
Continuing Your EERI Membership & Involvement

Student members get the **1st year** of Young Professional membership **FREE** and reduced rates for the next 4 years!
How to Join the Younger Members Committee

Email: ymc@eeri.org
Awards

17th Annual Undergraduate Seismic Design Competition
T-Shirt Design Competition
Honorable Mention

T-Shirt Design Competition 2nd and 3rd Place

Universiti Teknologi Malaysia

Pontificia Universidad Católica Madre y Maestra
T-Shirt Design Competition Winner

Technical University of Cluj-Napoca
Charles Richter Award for the Spirit of the Competition

Sponsored by Kinemetrics

Lehigh University
Best Architecture

Virginia Tech
Best Communication Skills Award

Sponsored by Computer & Structures, inc

Technical University of Cluj-Napoca
Best Seismic Performance

California State Polytechnic University, Pomona
Egov Popov Award for Structural Innovation

Sponsored by Degenkolb

University of British Columbia
EERI Seismic Design Competition
Third Place

Sponsored by FEMA

University of British Columbia
EERI Seismic Design Competition
Second Place

Sponsored by FEMA

California Polytechnic State University, San Luis Obispo
EERI Seismic Design Competition
First Place

Sponsored by FEMA

Technical University of Cluj-Napoca
See you next year!