

Education and Community Outreach Committee Meeting

Friday, February 10 at 12noon Central Time

In attendance:

Patricia Clayton – University of Texas, Austin
Arindam Chowdhury – Florida International University
Kurtis Gurley – University of Florida
Chad Kusko – Lehigh University
Pedro Lomonaco – Oregon State University
Laura Lowes – University of Washington
Jamie Padgett – Rice University
Matt Schoettler – University of California, Berkeley
Lelli Van Den Einde – University of California, San Diego
Karina Vielma – University of Texas at San Antonio
Ioannis Zisis – Florida International University

NHE 101 (Laura Lowes)

Laura Lowes reported on the progress of the Natural Hazard Engineering 101 webinar series. The first webinar series will focus on wind engineering. Each series will consist of three webinars: an introduction to the natural hazard, research to advance engineering in this area, and simulation-based research in the natural hazard engineering. Laura is receiving a list of nominees to present this webinar series. Tsunami engineering will be the focus of the next series.

She also presented a SimCenter initiative—a peer-to-peer seminar series for young researchers. The purpose of this series is to introduce the process of simulation-based research and detail the mechanics and results of software used.

Action item: Nominate graduate students who work with simulation-based research and send their contact information to Laura Lowes, lowes@uw.edu. (They can be outside of DesignSafe.)

Summer Institute

The NHERI Summer Institute will be held on July 24-28, 2017 at the University of Texas at San Antonio.

The Summer Institute is open to all participants interested in attending. (A link for registration will be available at the DesignSafe page.) The application link provided below is for early career faculty and early career professionals who will apply for travel expenses to participate in the Summer Institute. Local K-12 educators will also apply to attend; those accepted will receive a stipend for developing and sharing a lesson plan for their classroom using natural hazards engineering components/resources.

Action Items:

- Please provide 1-3 potential speakers in your area of expertise
 - Wind

- Earthquake
- Tsunami
- Coastal
- Simulation/Data management
- Please review the online application draft and submit your comments.
 - <https://www.designsafe-ci.org/learning-center/summer-institute/application/>

REU

Committee will review applications; decide on the process

Final description of the summer projects and mentors

Mentoring materials

Guidebook: site-specific details needed

Conference Seminar/Presentation (2018 11NCEE – June 25-29, 2018, Los Angeles CA)

Timeline

Special session: March 31, 2017 (Notified by April 30, 2017)

Abstract submission: May 31, 2017 (Notified by August 15, 2017)

Topic

Potential speaker(s)

Moderator