

**Education and Community Outreach Committee
Meeting Agenda
December 5, 2017 – 11 am Central Time via Zoom**

<https://DesignSafe-ci.zoom.us/j/579714890>

1. Attendance and approve November 2017 ECO Committee Meeting minutes

In attendance: Laura Lowes (University of Washington), Chad Kusko (Lehigh University), Kurt Gurley (University of Florida), Patricia Clayton (University of Texas at Austin – Mobile Shakers), Matt Schoettler (University of California – Berkeley), Karina Vielma (University of Texas at San Antonio – NCO)

ECO Committee Meeting minutes for November were approved. (Kurt Gurley motioned to approve; Laura Lowes seconded the motion.)

2. NHERI REU Summer Program

- a. REU recruitment open – Update
- b. Application available at <https://www.designsafe-ci.org/learning-center/reu/>
- c. REU Research Presentations budget needed - OSU
- d. Review REU schedule
- e. Summer housing information needed

As of December 5, 2017, two (2) letters of recommendation and zero (0) REU applications have been received. The target number of applications for the REU program is 100. ECO Committee members requested a list of the recruitment email addresses that NCO ECO is using to recruit. ECO representatives will forward the recruitment message and send new addresses to share the recruitment.

The budget for REU research presentations is still needed from Oregon State University.

All REU sites have their own events schedules for the REU program and the ECO will host a Google document to hold all calendars in one place. Most schools noted that their timeline for developing the REU summer calendars was in March, April, and May depending on the professionals presenting and industry tours, etc. Karina agreed to check back in April to consolidate the EF REU calendars into one. For now, the Google doc will be used as a master REU calendar.

It was also discussed that the ASCE's template for paper publication could be used as the REU template. Kurt Gurley provided this template and Karina will communicate with the DesignSafe team to discuss the specifics of the template and DOI assignments for REU final papers.

Summer housing information will be provided in the letters of acceptance to REU students. Most schools do not have finalized details but should be getting this information in the coming month. Each EF sites' housing accommodations varies. Several schools may be able to provide optional health insurance to REU students. Therefore, edits to these acceptance letters will take place prior to selection REU students by each site.

3. NHERI Summer Institute

- a. Recruitment for 2018 Summer Institute
- b. Application available at <https://www.designsafe-ci.org/learning-center/summer-institute/>
- c. Review new proposed Day 2 schedule

As of December 5, 2017, three (3) applications have been received for the Summer Institute. Recruitment continues.

As a committee, we reviewed Day 2 of the Summer Institute. A small change in the order of the presentations was made. Please review the updated schedule and confirm that this works for your site.

Additionally, we discussed the afternoon hands-on activities of the participants. As a committee, we agreed that participants will receive an example problem/hypothetical research topic, work together in groups to find ways to tackle the problem using NHERI resources, and then report out at the end of their collaboration about the steps they would take.

The ECO Committee will contribute topics for discussion at the Summer Institute through a Google document that will be shared with the group. Each site will help contribute hypothetical research topics for consideration in this Google Doc. Although we want EF sites to provide hazard-specific topics, we are looking for Summer Institute participants to be able to use the knowledge learned about the various NHERI facilities to develop a plan to conduct the sample research and incorporate the use a multiple facilities to advance the field. (i.e. incorporating data from past events, simulation models, etc.)

The committee agreed that 4-5 people to a group would be idea. So we will need solid seed questions that the groups can work through.

The committee also asked for the NCO to send out the agenda for the Summer Institute along with the expectation for site personnel during the 3 days to the NHERI Council as well as the ECO Committee. This will help each EF decide who is best fit to attend each day (or all three days), and will help them plan accordingly.

4. EF Research to Practice Webinars – All sites to participate

- a. Research to practice webinar
 - i. December – UT Austin
 - ii. January – Lehigh University – Research to Practice: Integrated Analytical/Experimental Research to Develop a New Seismic Design Methodology for Precast Concrete Floor Diaphragms
Robert Fleischman, University of Arizona
 - iii. February – UC Davis
 - iv. March - University of Texas, Austin (Mobile Shakers) – Research to Practice: Using Structural Response Data
Nenad Gucunski & Frank Moon, Rutgers University
 - v. April -

vi. May

The ECO Committee is set to start the Research to Practice webinars. Cameras are available and we discussed the schedule for Research to Practice webinars. It was agreed that presenters should be notified in advance. Concern about having enough research accomplished for the presentation was brought up. However, those groups that are in line to present have enough data to make this presentation.

The ECO representatives requested being copied on communications with the Research to Practice webinar presenters.

5. Educational Materials

- a. Review NEES educational materials
 - i. K-12 teacher and student resources
 - ii. Webinars (a) Educational (b) Training
 - iii. REU
 - iv. Summer Institute / Faculty development
 - v. <http://nees.org/education>
 - vi. <http://nees.org/education/nees-community-contributions>
 - vii. <http://nees.org/education/for-teachers/k12-teachers>

The committee partially reviewed the information on the NEES sites. It was agreed that all NEES K-12 educational materials (lesson plans) should be kept and transferred to the DesignSafe Learning Center. The committee was hesitant about not transferring valuable resources that can be used by the larger community.

During the next ECO Committee meeting, we will discuss the other resources in the sites. The NEES REU student information will not be relevant anymore; so the committee agreed not to transfer this data. Other data not to be transferred in the old EF site pages for NEES. However, we will take a closer look at the contents of other pages closely during the January meeting.