

**Education and Community Outreach Committee
Meeting Agenda
October 3, 2017 – 11 am Central Time via Zoom**

<https://DesignSafe-ci.zoom.us/j/341219659>

1. Attendance and approve September 2017 Meeting minutes

In attendance: Joon Yee Chuah (UT Austin – DesignSafe), Patricia Clayton (UT Austin), Chad Kusko (Lehigh), Kurt Gurley (University of Florida), Matt Schoettler (UC Berkeley), Dan Cox (OSU), Darren McKay (UC San Diego), Elaina Sutley (NCO), Adda Zekkos (NCO), Laura Lowes (University of Washington – RAPID), Mohammad Khosravi (UC Davis)

September 2017 were approved. Elaina moved to approve minutes, Kurt seconded the motion.

2. NHERI REU Summer Program

- a. **Visit post-assessment survey results** – ECO Committee discussed the post-assessment survey results career goals post-REU program. In specific, the committee discussed the impact of students' experiences on their desire to continue to a research-oriented degree program. For NSF goals, Karina will look into the language used within the proposal for career outcomes. Karina will also send out the complete (all participants) post-assessment survey results along with qualitative data for your review.
- b. **2018 REU Block 1 date change**
 - i. **Block 1 dates – May 30-August 7, 2018**
 - ii. **Block 2 dates – June 18-August 24, 2018**

REU Block 1 dates were changed to begin on Wednesday, May 30, 2018 to give students two days at the end of the REU program for presentations at OSU. August 6 and 7 are the days that OSU can host the REU research presentations. Block 2 dates remain the same.
- c. **REU Research Presentations will be held at OSU** – Thank you to Oregon State University for hosting the NHERI REU 2018 research presentations on August 6 and 7th, 2018. Mark your calendars.
- d. **Recruitment for 2018 REU Summer Program** – Recruitment for the 2018 NHERI REU Program will begin on October 16th. We have a target to meet of 100 applications during Y2. We are requesting recruitment information for organizations as well as professors who can encourage students to apply to the program.
- e. **Application is scheduled to open October 16, 2018** – We submitted edits to Chris Thompson who is updating the online REU 2018 application online. We will still need the EF ranking on the online student application to help us identify the student interest of each site.
- f. **Review proposed mentor training schedule** – The mentor training proposed includes eight (8) one-hour training sessions with REU faculty and graduate student mentors. Committee members agreed that eight sessions may be too

many. A new tentative schedule which includes four (4) sessions was proposed. ECO Committee will review the mentor training schedule and comment on the proposed plan. The committee also recommended that more efforts should be placed in the project selection as well as securing staff for the project early on.

- g. **Summer housing information needed** – Housing information was requested to prepare letters of acceptance for students at the various facilities.

Action items:

- Review REU 2017 post-assessment survey results with qualitative data. Karina will send by October 13th for your review.
- If there are any housing and/or scheduling conflicts for REU Block 1 date changes, email Karina before October 13th. Dates will be posted in the online application.
- OSU – Send 2018 REU research presentation estimated budget as soon as possible.
- Send contact information for REU recruitment (professor emails, social media, organizations, etc.) by October 13th.
- Review proposed mentor training schedules. Send in any comments and your vote for the original or condensed schedule by October 27th.
- Send in answers to the summer housing questions by November 3rd.
- Send in REU research project descriptions by November 3rd.

3. NHERI Summer Institute

The 2018 NHERI Summer Institute is tentatively scheduled for June 4-6th, 2018 at the University of Texas-San Antonio Downtown Campus. Save the date. Final confirmation is pending from Joy Pauschke, our NSF speaker.

The Summer Institute – Day 2 was discussed. The morning will consist of shorter concurrent presentations followed with an afternoon of group activities where participants will have opportunities to review and/or construct a grant proposal by reviewing resources from NHERI EF sites.

- a. **Recruitment for 2018 Summer Institute** – 2017 NHER Summer Institute participants provided emails for early career faculty members who might benefit from attending the event. Prior to October 30th, send recruitment information for faculty or organizations that may benefit from attending the NHERI Summer Institute.
- b. **Application will open October 30** – Summer Institute applications are set to open October 30th.
- c. **Save the date: Leadership meetings** – ECO Committee Meeting to be held June 6th (afternoon)

Action item:

- Send contact information for 2018 NHERI Summer Institute recruitment (early career faculty emails, social media, organizations, etc.) by October 27th.

4. **EF Research to Practice Webinars – Recruit a speaker and help moderate a session:**

- a. September 2017 – PAST DUE – Finalize Research to Practice webinar schedule
- b. October 2017 –
- c. November 2017 –
- d. December 2017 –
- e. January 2018 –
- f. February 2018 – 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
- g. March 2018 – University of Texas, Austin (Mobile Shakers) – Research to Practice: Using Structural Response Data
Nenad Gucunski & Frank Moon, Rutgers University
- h. April 2018 –
- i. May 2018 –

ECO Committee reviewed the document prepared by JoAnn and requested that an NCO member reach out to the researchers to lead the the Research to Practice webinars. Karina will reach out to each ECO Committee member to acquire the researchers' contact information. Researchers will be contacted directly and asked to prepare a Research to Practice webinar as well as select a moderator to help during the session. At least six webinars must be completed during Y2.

Action item:

- Karina will email ECO representatives to gather researchers' information and will research to each for R2P webinar setup.

5. **Lesson Plans & Other Educational Materials Needed**

- a. Lesson plan for Summer Institute presentation
- b. Tailor K-12 activity to TeachEngineering.org template(s) and submit by October 31st

Action item:

- Send K-12 activity by October 13th and NCO-ECO team will tailor to TeachEngineering template for posting on DesignSafe Learning Center. Otherwise, please use the TeachEngineering.org templates to tailor your K-12 activity and submit by October 31st.