

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

<https://DesignSafe-ci.zoom.us/j/560603274>

Attendance: Mohammad Khosravi (UC Davis), Laura Lowes (University of Washington), Patricia Clayton (UT Austin), Chad Kusko (Lehigh University), Kurt Gurley (University of Florida), Matt Schoettler (UC Berkeley), Lelli Van Den Einde (UC San Diego), Elaina Sutley (NCO), Karina Vielma (NCO)

1. NHERI Summer Institute

a. Thank you for your participation!

b. Post-assessment survey results

- i. **EF presentations** – Karina will send results for each EF presentation at the Summer Institute to the ECO representative. Please share these results with your site.
- ii. **Overall** – See attached PowerPoint slides

For the 2018 Summer Institute, we are proposing that the sites present information about their equipment facilities' capabilities in a shorter amount of time (~30 minute morning presentation). The Summer Institute is an opportunity to speak to a broader audience and broaden the user base of NHERI sites.

The afternoon will be used to have research presentations from the EF sites.

It was also recommended that lunch meetings be scheduled with Summer Institute participants and EF representatives/Pis.

c. 2018 Summer Institute dates

- i. **June 4-8, 2018** – These dates work; however they are not the best due to the academic calendar—Some schools will still be in session during these dates.
- ii. **June 11-15, 2018**— During these dates, the Geotechnical workshop will take place in Austin.
- iii. **June 18-22, 2018** – These dates work; however they are not the best due to the travel schedules to the geotechnical workshop, the start of REU Block 2, and the NCEE conference.
- iv. **June 25-29, 2018**—These dates are dates for the NCEE Conference.

Karina will send out a survey requesting a vote for the best available dates for the Summer Institute in June.

To help us select the best dates for the NHERI 2018 Summer Institute, please forward the survey to potential Summer Institute speakers and complete by September 22nd.

<https://www.surveymonkey.com/r/X796TZC>

(Feedback showed that early career faculty wanted the workshop earlier in the summer to have enough time to submit a proposal.)

d. Recruitment for 2018 Summer Institute

Please help us recruit applicants for the 2018 Summer Institute.

e. Application review

Review the application and provide feedback by September 22nd. Access the Summer Institute application at <https://www.designsafe-ci.org/learning-center/summer-institute/application/>

f. Leadership meetings

During the Summer Institute, leadership meetings will be held on the last day.

2. NHERI REU Summer Program

a. Thank you, mentors and FIU Wall of Wind, for hosting our students!

b. Post-assessment survey results

Three REU participants need to complete post-assessment prior to providing results. Main feedback includes a need for a portal to turn in deliverables, mentoring consistency throughout the summer, organized schedule prior to the start of the program, more career development opportunities, and more interaction with faculty.

UCDavis conducted a feedback session with the REU students and mentors. Students requested more professional development. They also wanted more opportunities to meet/network with faculty. They requested less meeting time every week (from 4 hours to 2 hours) and proposed that mentors also be included in the research meetings. Announcements for final participation should also be sent out earlier.

Mentoring program will include face-to-face meetings before, during and after the REU program. Mentors also requested to be included in all REU student electronic communications.

c. 2018 REU Block 1 & Block 2 dates

i. Block 1 proposed dates – May 29-August 3, 2018

ii. Block 2 proposed dates – June 18-August 24, 2018

Review the proposed dates above. We will post these new dates on the REU 2018 application.

d. Recruitment for 2018 REU Summer Program

We are to meet a target of 100 applications to the REU program. Please help us recruit through your networks as well as interactions with undergraduates. Forward emails to faculty who will also recruit students to apply.

Recruit in organizations with undergraduate researcher memberships: PEER, EERI, ASCE, AW... (Please send organizations to send recruitment emails.)

Also, recruit through undergraduate faculty advisors who can send information to students. NHERI ECO and NCO can help forward recruitment emails to these groups.

e. Application review

Review the REU application and provide feedback by September 15th. Access the Summer Institute application at <https://www.designsafe-ci.org/learning-center/reu/application/>

f. EF host site for final presentations

OSU and UT Austin have shown interest in hosting the REU final research presentations. Please provide a budget of potential costs (meals, event reservations, technology, other).

3. EF Research to Practice (R2P) Webinars – Please sign up to prepare and present a webinar for your site:

- a. September 2017**
- b. October 2017**
- c. November 2017**
- d. December 2017**
- e. January 2018**
- f. February 2018**
- g. March 2018**
- h. April 2018**
- i. May 2018**
- j. June 2018**

The ECO Committee discussed how NSF site visit recommendations included the integration of Research to Practice webinars. The committee agreed that efforts should not be doubled. Therefore, the committee agreed that if existing R2P webinars were taking place or were already schedule, those would count for the EF's contribution. However, many sites do not have a R2P webinar scheduled.

Therefore, it was agreed that we would look at the existing webinars and provide the titles or associate the EF with the already existing webinars. Laura Lowes will forward a DesignSafe link to register an event online. For those sites who do not have a R2P webinar scheduled, we will send this link to EF sites to propose a research-to-practice webinar.

Potential webinar series were discussed:

- NHE 101 – in progress
- Graduate student series – technical
- Research to practice
- Experimental and simulation/infrastructure

JoAnn Browning (NCO) will also review the existing webinars and will assign EFs to help coordinate one webinar presentation. EFs will be asked to identify potential speakers and share their contact information. Karina will contact the speaker and coordinate logistics for the R2P webinar presentation.

4. Lesson Plans

- a. Use TeachEngineering.org lesson plan templates**
 - i. EF webinars**
 - ii. K-12 outreach material**

Send your education and community outreach materials, lessons, activities to Karina. These will be taken and formatted to the teachengineering.org template where they will be uploaded to the DesignSafe Learning Center (under Teacher and Student Resources).

5. Graduate Student Council

- a. Proposal for a NHERI-wide graduate student council to convene**
- b. Budget**
 - i. Expenses to gather at EF site**

The graduate student council would become a group of graduate student leaders within the NHERI network that would meet once a year to discuss and share their work. This group would meet at a different EF site each year to also tour the facility and learn more about other's research.

If interested in hosting a graduate student council meeting at your EF, provide an estimated budget (airfare for 1-2 representatives from each site to travel to EF, approximate hotel costs for 1-2 nights, per diem for 10-20 participants, and other expenses associated with hosting this meeting). **If a budget proposal is not received from a site wishing to host this meeting, we will not be able to proceed with this proposed item.

6. 2018 Summer Institute and REU Recruitment Videos

Send videos and/or pictures for recruitment videos to Karina Vielma for use in the recruitment video.