

## NHERI Education and Community Outreach Committee

### Committee Meeting Minutes

January 26 – 3 pm Central Time via Zoom

<https://utsa.zoom.us/j/9013659006>

#### 1. Attendance

Stephanie Spilking, (*University of North Carolina Chapel Hill – User Forum*), Victoria Johnson (*United States Naval Academy*), Chad Kusko (*Lehigh University – ATLSS*), Kurtis Gurley (*University of Florida – Powell Lab*), Pedro Lomonaco (*Oregon State University – HWRL*), Scott Brandenburg (*UCLA – DesignSafe*), Erik Salna (*Florida International University – Wall of Wind*), Trevor Carey (*University of California – Davis, CGM*), Tricia Clayton (*University of Texas, Austin – Mobile Shakers*), Lelli Van Den Einde (*University of California, San Diego – LHPOST*), Melissa Villareal (*University of Colorado-Boulder, CONVERGE*), Laura Lowes (*University of Washington – RAPID*), Karina Vielma (*University of Texas, San Antonio – NHERI ECO*), Robin Nelson (*University of Texas, San Antonio – NHERI ECO*)

#### 2. ECO Updates

- NSF renewal packet received
- \* NEW: ECO Social Media- Please like/follow us!
  - Twitter @NheriEco
  - Facebook @Nheri Eco
  - YouTube Channel NHERI Eco
- Summer Institute Options
- REU Options
- EERI Post-Conference Workshop Ideas
- DesignSafe Learning Center Website Update Ideas
  - REU Page/Videos
  - Summer Institute Page
  - Teacher & Student Resources Page
- Broader Impact Excel Sheet

#### 3. NHERI ECO Social Media

- NHERI ECO Twitter: <https://twitter.com/NheriEco>
  - @NheriEco
  - Tweets: 63; Following: 282; Followers: 85 (Go Team- Lelli, Sumeet, Stephanie, Melissa, Karina, Dan); Please follow us and like/retweet our tweets!
- NHERI ECO Facebook: <https://www.facebook.com/nheri.eco>
  - Please follow us and like our page and posts just like Sumeet and Dan!

- **YouTube:** <https://www.youtube.com/channel/UCFLVoVlo5ggS6KKBCHf5dcA>
  - REU Alumni Testimonials

#### 4. NHERI Summer Institute

Currently, we have 18 complete applications and 0 in progress. The NHERI Summer Institute application has been **extended: deadline March 3, 2021**. The Institute will be held on June 16-17, 2021. The ECO extended the cut-off date to choose a Summer Institute format; however, we will only be able to choose between **hybrid** or **remote** formats. Please see attachment for ideas on hybrid and remote options.

We ask that each NHERI facility respond to the COVID-19 Policy email which will allow the ECO to make an informed decision on which format to implement this summer. The email will ask you to identify your facility and/or university policy on travel, campus or facility visitors, and all other COVID-19 restrictions and policies (daily health check, quarantine 14 days before arrival, sanitation, etc.).

Please continue to advertise the Summer Institute with the flyers through your connections. See NHERI ECO email for flyers.

#### 5. NHERI REU Summer Program

Currently, we have 46 complete applications, 201 in progress, and 51 letters of recommendation. Applicants who have not completed the application are contacted via email and offered help and informed of their application status. The NHERI REU deadline has been **extended: deadline February 17, 2021**. Block 1 will take place June 2 - August 10, 2021 and Block 2 will take place June 14- August 20, 2021. REU Virtual Symposium will take place on August 9 & 10<sup>th</sup>, 2021. We are currently pursuing face-to-face/ hybrid (traditional) option and have back-up plans for a remote (new) option if necessary. Please see attachment for ideas on traditional and new REU formats.

The final [NHERI REU Virtual Recruitment Event](#) on January 21<sup>st</sup>, 2021 had 609 views, 47 sign-ups, and 24 attendees. Please send REU flyers to any faculty who may know undergraduates that would benefit from the experience. See email for flyers.

#### 6. DesignSafe-ci.org Learning Center Updates

A NHERI ECO YouTube Channel and REU Alumni Testimonial Playlist was created and is displayed on the REU DesignSafe webpage.

We would like to use the Teacher & Student Resources DesignSafe webpage to highlight each site's broader impacts through K-12 Student programs, K-12 Teacher or RET programs, Higher Education Programs, and Community programs.

Additional ECO Committee member ideas for reorganization of the page included adding Research-to-Practice and other community building activities here as well as

building a graduate NHERI community. This community would support dialogue between graduate students and mentors about tools and topics to extend and support graduate student's research.

## 7. NSF Renewal

Joy stressed the importance of broader impacts in site renewals. In order to address these broader impacts as the ECO, please complete the Broader Impacts Excel sheet to identify information on your site's educational programs. The information will be used to highlight your site's broader impacts, identify your site's objectives, update and improve Teacher & Student Resources tab on DesignSafe-ci.org, and identify how the ECO can support your site's efforts, and connect educational efforts across sites.

## 8. New Business

Next NHERI ECO meeting: February 23, at 3:00 pm CT.

### **Not covered in the meeting: EERI Post-Conference Ideas**

The EERI Session 1 Post-Conference workshop hosted by NHERI ECO will include all eleven NHERI Sites; however, due to time constraints of the workshop (2 hours) we would like to discuss ways to include all sites **(each 2 minutes or less)**.

- Prerecorded video introducing your site/ highlights/VNPP
- One slide introduction/highlights/VNPP shared by Robin, Karina, and JoAnn
- Open to other ideas

## 9. Attachments:

### **NHERI 2021 Summer Institute Options**

\*The *options* below provide a *draft* of what a fully remote or combination hybrid/remote Summer Institute might look like on June 16-17, 2021. We are asking for the ECO Committee and NHERI sites to help evaluate and adjust the schedule options to ensure the NCO, ECO, and each site are able to implement them in a way that benefits everyone involved.

### **Option A: Fully Remote**

In this option, the ECO will purchase the services of PheedLoop or a similar conference hosting platform to allow for an extended schedule with live and on-demand sessions. The platform will allow us to make use of session chat, private chat, private video, roundtable discussions, breakout meetings, live streaming, scheduling meetings, polling, poster sessions, and site booths. Below is an *example* schedule.

We'll form groups of early-career faculty interested in more in-depth involvement with NHERI. These groups will go through the Summer Institute to develop a mock proposal using the NHERI resources as they learn more about the research proposal development and resources NHERI offers.

**June 15, 6:00 pm - 7:00 pm** CST Virtual Scavenger Hunt Ice Breaker

*[Meant to introduce all attendees to site and the NHERI representatives before the Institute begins.]*

**7:00 pm** NHERI PI & Site Representative Meeting Sign-ups Open

**7:00 pm** On-Demand Sessions Open: *NHERI Science Plan, NHERI Experimental Facilities, SimCenter, Rapid Facility, CONVERGE, DesignSafe/TAAC, NHERI Research-to-Practice (R2P) Poster Presentations, Inclusivity*

**June 16, 8:00 am - 9:00 am** On-Demand Sessions/ NHERI Research-to-Practice Poster Presentations Continue

**9:00 am - 10:30 am** NHERI Site Booths (Live Stream & Chat)

**10:30 am - 11:00 am** Meet & Greet Virtual Icebreaker

**11:00 am - 11:30 am** Welcome (Poll Attendees)

**11:30 am - 12:00 pm** NHERI Overview

**12:00 pm - 1:00 pm** NHERI Science Plan Discussion

*[Introduction and Overview in on-demand session. Attendees will select research question/topic from the Science Plan.]*

**1:00 pm - 3:00 pm** Grant Writing Workshop

*[Attendees meet with NSF Program Director about their research focusing on 1. Research Merit, 2. Overview of Research Activities & Resources, 3. Broader Impacts.]*

**3:00 pm - 6:00 pm** NHERI PI & Site Representative Meeting(s)/On-

Demand Sessions/ NHERI Research-to-Practice Poster Presentations Continue

*[Attendees select resources to use for mock proposal to address Science Plan research question.]*

**6:00 pm - 7:00 pm** NHERI Virtual Social Event

**June 17, 8:00 am - 10:00 am** On-Demand Sessions/ NHERI Research-to-Practice Poster Presentations Continue

**9:00 am - 10:00 am** Broader Impacts

*[Attendees will learn about developing proposal Broader Impacts.]*

**10:00 am - 12:00 pm** NHERI Site Booths (Live Stream & Chat)

**12:00 pm - 3:00 pm** Designing a NHERI Research Proposal with attendee breakout sessions

**4:00 pm - 5:00 pm** Mock Research Proposal Presentations

*[Either on-demand or more time needed, depending on the number of groups]*

**5:00 pm - 6:00 pm** NHERI PI & Site Representative Meeting Sign-ups/ On-Demand Sessions/  
NHERI Research-to-Practice Poster Presentations Continue

### **Option B: Hybrid/Remote Option**

The ECO will fund travel for 20 early-career faculty. Each NHERI Site will host two early-career faculty members. Some events/activities will occur face-to-face at the NHERI Site and others would occur remotely and include a greater number of attendees. The ECO will also purchase the services of PheedLoop or a similar conference hosting platform to allow for an extended schedule with live and on-demand sessions. Below is an *example* schedule. *\*Hybrid portion of event for NSF Awardees at NHERI Sites only.*

**June 15, \*6:00 pm - 7:30 pm** Dinner with host-PI's and Site representatives

**7:00 pm** On-Demand Sessions Open: *NHERI Science Plan, NHERI Experimental Facilities, SimCenter, Rapid Facility, CONVERGE, DesignSafe/TAAC, NHERI Research-to-Practice (R2P) Poster Presentations*

**June 16, \*10:30 am - 11:00 am** Meet & Greet *Virtual* Icebreaker with all NSF Awardees & NHERI representatives, meet group members from other sites

**11:00 am - 11:30 am** Welcome (Poll Attendees)

**11:30 am - 12:00 pm** NHERI Overview

**\*12:00 pm - 2:00 pm** Lunch, NHERI Site tours, NHERI Science Plan

Overview *[Introduction and Overview in On-demand session. Attendees will select research question/topic from the Science Plan.]*

**2:00 pm - 3:00 pm** NHERI Science Plan Discussion

**3:15 pm - 6:00 pm** Grant Writing Workshop

*[Attendees meet with NSF Program Director about their research with a focus on 1. Research Merit, 2. Overview of Research Activities & Resources, 3. Broader Impacts.]*

**6:00 pm - 7:00 pm** NHERI PI & Site Representative Meeting(s)/On-Demand Sessions/ NHERI Research-to-Practice Poster Presentations Continue

**\*TBD by each site** NHERI Site(s) Social Event/ Dinner

**June 17, 8:00 am - 10:00 am** On-Demand Sessions/ NHERI Research-to-Practice Poster Presentations Continue

**9:00 am – 10:00 am** Broader Impacts

*[Attendees will learn about developing proposal Broader Impacts.]*

**10:00 am - 12:00 pm** NHERI Site Booths (Live Stream & Chat)

**12:00 pm - 3:00 pm** Designing a NHERI Research Proposal with attendee breakout sessions

**4:00 pm - 5:00 pm** Mock Research Proposal Presentations

*[Either on-demand or more time needed, depending on the number of groups]*

**5:00 pm - 6:00 pm** NHERI PI & Site Representative Meeting Sign-ups/ On-Demand Sessions/  
NHERI Research-to-Practice Poster Presentations Continue

**\*6:00 pm – 9:00 pm** NHERI Site Planned Excursion/Dinner

### **NHERI 2021 REU Options**

**\*The options below provide a draft of what a fully remote or combination hybrid/remote REU Program might look like in Summer 2021. We are asking for the ECO Committee and NHERI sites to help evaluate and adjust the options to ensure the NCO, ECO, and each site are able to implement them in a way that benefits everyone involved.**

#### **Option A: Hybrid/Remote Option (Traditional Format)**

The ECO will fund travel awards for 33 REU participants. Each NHERI Site will host three undergraduate students. Students would participate at each NHERI site in a face-to-face format and continue to meet twice weekly with the ECO using UTSA's Zoom platform.

*\*Some of the meetings will be virtual. They may only come into facility one or two times a week.*

NHERI Site Cost: \$5,000 per REU Student (stipend)

NHERI ECO Cost: \$35,000 travel awards (33 x \$1060/or based on housing formula)

#### **Option B: Fully Remote (New format)**

In this option, the ECO will use the UTSA and NHERI site Zoom platforms to schedule daily meetings between REU participants and ECO or NHERI Sites. Below is an example schedule.

Each REU participant should meet individually at least once a week with the NHERI Site Mentor through Zoom, and Monday through Friday with its research group. ECO will meet with REU participants twice a week as a group and once every two weeks with individuals; 1) Research meeting; 2) Career Development; 3) Individual Mentor Meetings.

The REU Symposium will take place virtually using PheedLoop as a conference platform for the various events that will take place.

NHERI Site Cost: \$5,000 per REU student (stipend)

NHERI ECO Cost: \$7,000 PheedLoop license

*\*You will need to have projects for students to do and connect with students daily.*

