

NHERI Education and Community Outreach Committee

Committee Meeting Minutes

December 15, 2020 – 3 pm Central Time via Zoom

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

1. Attendance

Sumeet Kumar Sinha (*University of California, Davis – CGM*), Stephanie Spilking, (*University of North Carolina Chapel Hill – User Forum*), Chad Kusko (*Lehigh University – ATLSS*), Mary E. Castillo (*University of California, Davis – CGM*), Charlie Dey (*University of Texas – TACC*), 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*), Tricia Clayton (*University of Texas, Austin – Mobile Shakers*), Lelli Van Den Einde (*University of California, San Diego – LHPOST*), Karina Vielma (*University of Texas, San Antonio – NHERI ECO*), Robin Nelson (*University of Texas, San Antonio – NHERI ECO*)

2. ECO Updates

- Still waiting on information about the NSF renewal process
- Summer Institute Options
- REU Options
- AGU Booth December 1-17th
- EERI Pre-Conference Workshop (details still in progress)
- Virtual Networking
- Working to develop better communication with DesignSafe
 - Webpage
 - Technological needs

3. NHERI Summer Institute

Currently, we have 11 complete applications and 1 in progress. The NHERI Summer Institute application deadline is February 10, 2021. The Institute will be held on June 16-17, 2021. As we move towards our cut-off date of January 15th we must choose between Summer Institute format options: face-to-face, hybrid, or remote. Please see attachment for ideas on hybrid and remote options.

A virtual information event was held during AGU. There were 8 sign-ups and 4 attendees. Please send Summer Institute flyers to any early-career faculty, post-docs, or PhD students that may benefit.

4. NHERI REU Summer Program

Currently, we have 6 complete applications and 121 in progress. Robin emails applicants who have not completed the application to offer help and let's applicants know when letters of recommendation have been submitted. The NHERI REU deadline is February 3, 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 & 10th, 2021. Similar to the Summer Institute, as we approach our January 15th decision date, we must choose between format options: face-to-face/ hybrid (traditional), or remote (new). Please see attachment for ideas on traditional and new REU formats.

A [NHERI REU Virtual Recruitment Event](#) for AGU is schedule December 17th at 4:00pm CT and a final [NHERI REU Virtual Recruitment Event](#) is scheduled for January 21st, 2021. Please send REU flyers to any faculty who may know undergraduates that would benefit from the experience.

5. NHERI Virtual Networking & Proposal Planning

- [FIU](#)
- [Lehigh](#)
- [UC San Diego](#)
- [UF](#)
- [UT](#)

While our virtual networking is still building steam, it is drawing views to the sites. 133 Individuals have visited FIU, 66 Lehigh, 86 UCSD, 60 UF, and 32 UT Mobile Shakers. We hope to work out any remaining kinks and will build an Eventbrite page for any NHERI site interested.

6. New Business

The ECO wishes you and your family a safe and happy holiday season! Next NHERI ECO meeting: January 26th, at 3:00 pm CT.

7. 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.*