

NHERI Education Community Outreach

Committee Meeting Minutes

August 31, 2020

[https://DesignSafe-ci.zoom.us/j/93709635117
pwd=MFU0RnJ0ZIRzQnBaWjFjY2M0MzBHZz09](https://DesignSafe-ci.zoom.us/j/93709635117?pwd=MFU0RnJ0ZIRzQnBaWjFjY2M0MzBHZz09)

I. Attendance

Sumeet Kumar Sinha (*University of California, Davis - CGM*), Chad Kusko (*Lehigh University - ATLSS*), Tricia Clayton (*University of Texas, Austin- Large-Scale Mobile Shakers*), Lelli Van Den Einde (*University of California, San Diego - LHPOST*), Pedro Lomonaco (*Oregon State University - HWRL*), Matt Schoettler (*University of California – Berkeley, SimCenter*), Melissa Villarreal (*University of Colorado, Boulder - CONVERGE*), Kurtis Gurley (*University of Florida – Powell Lab*), Rosalia Gomez (*University of Texas, Austin – TACC*), Arindam Chowdhury (*Florida International University – Wall of Wind*), Stephanie Pilkington (*Montana University – NHERI User Forum*), Mohammad Khosravi (*Montana University - NHERI User Forum*), Karina Vielma (*University of Texas, San Antonio - NHERI NCO*), Robin Nelson (*University of Texas, San Antonio -NHERI ECO*)

II. Announcements

Marti is now full-time with communication.

III. REU Recruitment

We are now entering the recruitment season and plan to have the REU and SI applications live the first week of October. NHERI ECO will also host a recruitment event the first week of October corresponding to the REU application launch with alumni sharing past experiences, site videos or explanations, application help, and Padlet networking.

Platform options for virtual REU back-up options include Zoom, Eventbrite, PheedLoop. Eventbrite is free and provides confirmation and reminder emails to participants and sites. Matt Schoettler (*UC, Berkley - SimCenter*) suggested that a cut-off date for sign-ups be set two-weeks before the community networking event takes place. Robin (*UTSA, NHERI ECO*) will contact each site to identify specific site/facility dates, hours, cut-off dates, host(s), images, etc. PheedLoop was used by CONVERGE and recommended highly by several NHERI members and Melissa (*University of Colorado, Boulder - CONVERGE*). PheedLoop would provide interactivity for the SI event, and the challenges CONVERGE experienced were minimal. Volunteers transferred questions from PheedLoop chat to Zoom chat to support presenters' and participants' ease of use. Also, some participants preferred a direct Zoom link, which can also be provided. The base cost for a

virtual event is \$1000, with an additional cost for any add-ons (\$1.75 x # of participants per add-on). Please see the image below for further details.

Rosie Gomez (*UT, Austin - TACC*)- shared another platform Expanding Pathways in Computing (UTakelt). She will send information to Robin and Karina. Melissa (*University of Colorado, Boulder - CONVERGE*)- shared another platform she used this summer, <https://www.higherlogic.com>. Robin will check-out both platforms for future REU, SI, and Community Networking back-up plans.

Modules	100 - 499 Users	500 - 999 Users	1K - 2,499 Users	2.5K - 4,999 Users	5,000 + Users
Base Platform	\$1,000 Flat	\$1.50	\$1.25	\$1.00	Custom
Virtual Stage & Sessions	\$1.75	\$1.50	\$1.25	\$1.00	Custom
Virtual Exhibit Hall	\$1.75	\$1.50	\$1.25	\$1.00	Custom
Virtual Networking	\$1.75	\$1.50	\$1.25	\$1.00	Custom
Event Registration & Website	\$1.75	\$1.50	\$1.25	\$1.00	Custom

Add-Ons	Price
Exhibitor Lead Retrieval + Live Video Booth	\$99 / Organization
Virtual Event Gamification	\$950 / Event
Virtual Group Networking Upgrade (25 Participants/Group)	\$950 / Event *
Live Event Support	\$450 / Day
Event App Discount	30%

* Free for new customers signing up during the month of August, 2020

The proposed REU Alumni marketing video questions were approved and included: *How did the REU Summer Program influence your career choice? How did REU influence your identity as an engineer? Why would you encourage others to apply to the REU Program? What was the most exciting part about participating in the REU Program? How did the REU Program shape your understanding of natural hazards research?* Rosie Gomez (*UT, Austin - TACC*) suggested adding a question to assure first-generation students that no experience is necessary in order to participate. After brainstorming, Robin and Karina developed a list of questions: *If this was your first research experience, why would encourage other first-time researchers to apply to attend REU? How did this first-time research experience prepare you for future research? What advice would you give REU*

applicants who have do not have any research experience? Who encouraged you to apply? How did you find out about research? How would you describe your first-time research experience at REU? Why would you recommend REU to others that have not conducted research before? Finally, Matt Schoettler (UC, Berkley - Sim Center)suggested that the videos also include images of the REU experience and not just talking heads.

IV. NHERI REU Proposed Block Dates

Block 1: June 2 – August 10, 2021 (**changes made**- Begin Wednesday after Memorial Day)

Florida International University

Lehigh University

University of California, Berkeley

University of Florida

University of Texas, Austin

Mobile Shakers Program

Cyberinfrastructure

University of Colorado, Boulder: Yes, CONVERGE wants to participate in 2021 REU. Looking into funding. Karina will share the cost per student break down with Lori Peek and/or Melissa Villareal.

Block 2: June 14 – August 20, 2021

Oregon State University

University of California, Davis

University of California, San Diego

University of Washington

V. Virtual REU Experiences

Chad Kusko (*Lehigh - ATLSS*) shared the virtual ATLSS Engineering 2020 experience (6 students, 10 weeks) and suggested **mentoring** and group meetings through Zoom are imperative and should be intentional. With the virtual experience, Lehigh extended the interactive professional development workshop but was unable to complete K-12 activities or industry experience due to COVID-19. Chad also suggested that faculty buy-in is critical.

Rosie Gomez (UT, Austin - *TACC*) shared TACC online Data Science Experience 2020. The participants communicated through **Slack** Channel, and a pre-survey was administered to identify participants' technology needs. Then, travel funds were used to loan technology to participants instead of travel. The experience included professional development workshops, virtual morning meet-ups, check-ins with mentors (grad students), webinars with industry professionals, three main groups that rotated, and interactive activities to break things up. The

groups also used <https://gopherve.org> for virtual poster symposium, which may be great for virtual or hybrid REU or SI.

VI. Summer Institute Back-up Plans

There are three implementation options for the Summer Institute, depending on COVID-19 restrictions and site needs. The first is the **face to face option** as used in previous (2017-2019) years. The second is a **hybrid option** where each site will have two early-career faculty travel to their site and then network online with all participants from all sites. The hybrid option may make in-person work with each site possible while allowing all early-career faculty to network with their site as well as other sites and participants. The third is a **virtual option** that might use a platform, like PheedLoop, to improve the participants' virtual experience by increasing interactivity and online networking.

VII. New Business

Two main items were brought up for future business: recommending people for site workshops and proposed SI dates.

VIII. Close

Tricia Clayton (*UT, Austin - Mobile Shakers*) motioned for the meeting to be adjourned, and her motion was seconded by Lelli van den Eiden (*USCD - LHPOST*).