

**NHERI Council Monthly Meeting No. 7, Y-7**  
**January 12, 2023 11:30 – 12:30 PM Eastern (8:30 to 9:30 AM Pacific)**

**NHERI Council Meetings**

**Title:** NHERI Council - Spring 2023

**Location:** <https://DesignSafe-ci.zoom.us/j/91428245884>

**When:** January 12th, 11:30 AM to 12:30 PM Eastern

**Attending:**

- Oregon State University: Dan Cox (EF Dir.) Hinsdale
- University of California, Berkeley: Matt DeJong (Co-Dir.), and Matt Schoettler (Assoc. Dir. – Ops), SimCenter
- University of California, Davis: Ross Boulanger (EF Dir.) CGM
- University of California, San Diego: Joel Conte (EF Dir.,) LHPOST
- University of Colorado Boulder: Lori Peek (Dir., CONVERGE)
- University of Florida: Jennifer Bridge (EF Dir. and Council Chair) Powell Lab
- University of Texas at Austin: Ellen Rathje (CI Dir.) DesignSafe-CI
- University of Texas at Austin: Ken Stokoe (EF Dir.) Texas Mobile Equipment Facility
- University of Washington: Joe Wartman (EF Dir. and Council Vice-Chair) RAPID
- National Science Foundation:
- Purdue University: Julio Ramirez (NCO Dir., Council Secretary), and Dan Zehner (NCO Sch./Ops. Coord.)
- Florida International University: Arindam Chowdhury (EF Dir.) WOW
- Lehigh University: Jim Ricles (EF Dir.) ATLSS
- Guests: Robin Nelson (NCO Education) UTSA, and Karina Vielma (NCO Education) UTSA

## Minutes

1. Attendance (Julio)  
Shown on the first page.
2. Review and Approval of Minutes (previously distributed) Meeting No. 6, 12/1/22 in Y-7 (Jennifer)  
Lori moved and Arindam seconded the motion. Minutes were approved without objection.  
Approved Minutes posted at: <https://www.designsafe-ci.org/facilities/nco/governance/nheri-council/>
3. (10 min) Old Business –
  - a. Post Summit Activities
    - i. Summit report preparation summary (Jennifer, 5 min)  
Progress is continuing on the report writing, and video editing of the first day and 2.5-min highlight reel of the first day.
    - ii. Next NHERI-wide meeting, 2024 (Dan, 5 min)  
Follow up meeting to the Summit is currently under discussion and the possible target date that is currently under consideration for the follow up meeting is on May 2024. It is envisioned that the date should be identified at least 15 months before to announce the save the date and secure venue(s). Dan asked for volunteers from the Council for the ad-hoc Planning Task Group.  
**Action Item:** Ellen (DesignSafe-CI), Joe W. (RAPID) and Robin Nelson (REU/Early Career Faculty NCO) volunteered to serve on the Task Group.
4. (45 min) New Business - Next steps for strengthening NHERI community
  - a. (35 min) Building Community
    - i. NHERI Alumni Network (Lori, 5 min)  
Lori introduced the topic and asked about the data currently collected
    - ii. Current efforts to expand/enhance the Alumni Network (Robin and Karina, 15 min) Karina and Robin presented to the Council the various longitudinal data collected (slides attached). These data are shared via the NCO annual report, and NCO team led papers in ASEE. All data is shared in aggregate form and stripped of any information that could make them identifiable.  
Ross asked about the possibility of reaching out to former NEES sites for data. Sources of data are use of sites, REU and Summer Institute data on work force development, data re-use and publications.  
Jennifer commented on the need for a larger database that would allow the query of all the data and develop an NHERI Alumni list.  
On a related item, Robin shared with Council members a NHERI wide diversity survey draft to follow up on the application of similar surveys to NCO and University of Florida NHERI facility. She asked Council members for help in two ways.

**Action Items:** (i) provide feedback on the Survey within 2 to 3 weeks; and (ii) provide names and e-mails facility paid employees with 2 to 3 weeks. Material distributed to the Council on 1/12/23.

- iii. The RAPID report outcomes on a one-year study involving 14 in-depth interviews with the heads of minority-serving organizations in the natural hazards and associated sciences (e.g., the Director of the Bill Anderson Fund, etc.) (Joe, 15 min)

Joe shared valuable data on the interviews. His slides are included with the meeting Minutes.

- b. (5 min) Scheduling discussion topics for future Council Meetings (Jennifer).
  - i. Professional Society Engagement (Ross)
  - ii. The Impact of NHERI: Metrics and Methods (Julio)
  - iii. NHERI Frequently Asked Questions (Lori)
  - iv. Team Science Study (Dan)
  - v. Social Media Impact (Ellen)

Next Council meeting agenda will include Item ii. Julio will extend an invitations to Marti LaChange NCO media manager, and Bill Holmes, chair of the TTC to attend the meeting and contribute to the discussion of the impact of NHERI work- Metrics and Methods.

## 5. Adjourn

Motion to adjourn the meeting was taken at 12:35 PM Eastern.



# **NHERI Council ECO Update**

January 12, 2023



# NHERI Social Media

All NHERI social media accounts can be found here: <https://www.designsafe-ci.org/community/social-media/>





# How can you help?

## Connect

- ❑ **Share social media manager's info.** Send the name and email to Robin.
- ❑ **Join the User Forum Subcommittee.** Send a rep to attend and help expand NHERI's reach and post impact. Contact Stephanie Pilkington to join.
- ❑ **Dedicated social media person.** Have one person dedicated to running your social media and checking it frequently.
- ❑ **Follow all other NHERI accounts.** We have more impact in numbers. I like or share all NHERI posts using the ECO or GSC accounts.

## Powerplays

- **Like** - minimum effort
- **Tag** - using @ in the text or tag people in images
- **Share** - repost the content on your account to expand reach
- **Quote** - Comment and repost the content on your account to capture your followers' attention
- **Hashtags** - #NHERI, #NHERISpotlight, #nheriREU, #nheriGSC, #NatHazSummit22
- **Image** - more faces = more impact





# Data NHERI NCO-ECO Collects

## Longitudinal Data

Longitudinal data is collected for REU, Summer Institute, NHERI GSC, and all ECO or GSC workshops.

*\*Due to IRB restrictions, we cannot share raw data unless you are on the UTSA IRB.*

## Data Collected

- Race/ethnicity
- Gender
- Native language
- Geographic location
- First-Generation in family to attend college status
- Major
- Highest level of degree
- Natural hazard focus
- Qualitative program experiences





# Diversity Initiative

## Purpose

- **Encourage, monitor, and report** diversity information of NHERI's Network
- **Create** an aggregated network profile
- **Share** within NHERI, NSF, and the wider natural hazards research community
- **Inform** education and community outreach initiatives shared at various levels within the NHERI network

## Process

- Use feedback to revise surveys
- Collect names and emails of all NHERI paid employees by site
- Send Qualtrics short survey to each person

## Need from You

- Feedback on survey
- Contact names for all NHERI paid employees at your site







**THE NHERI NETWORK IS SUPPORTED BY MULTIPLE GRANTS FROM THE NATIONAL SCIENCE FOUNDATION.**





**RAPID** NHERI  
Natural Hazards Reconnaissance

# Broadening Participation Interviews Key Insights & Recommendations



Jamie Vickery, Cassandra  
Jean, Nicole Errett, and  
Joe Wartman

NSF Award Number: CMMI 1611820

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# Methods

- ◆ Interviews occurred between February and May 2022
  - *Inclusion Criteria:* Individuals and leaders representing organizations, programs and committees aimed at increasing diversity, equity, and inclusion in the hazards and disaster research community
- ◆ Total of 13 participants
- ◆ Interview guide
- ◆ Compensation of \$50 virtual gift card or the equivalent in book(s)

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# Methods

## Interviewees' Background Information

- ◆ Years of experience: 10-20 years
- ◆ Positions: Tenure-track academic positions, university admin and leadership, and organizations outside of university settings
- ◆ Disciplinary backgrounds: sociology, civil engineering, ecology, emergency management, and regional planning, among others
- ◆ Research Interests: climate research and environmental change, evaluation, social vulnerability, risk communication and perception, disaster medicine response, sheltering and reconstruction, to disaster resiliency, social support networks, disaster recovery and displacement

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# Key Insights

## **Familiarity with UW RAPID Facility**

- ◆ Few interviewees were very familiar with the RAPID Facility
- ◆ No interviewees mentioned having used RAPID Facility resources beyond the intensive training
- ◆ A couple mentioned a lack of clarity about how they might go through the process for actually acquiring them

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*I think I was generally aware that there was equipment available through the Facility, that the Facility offers some kind of training. But honestly... [I thought] that it was **something for engineers and didn't necessarily see the points of connection for me as a social scientist.** And that's something that I think is more generally the case with the distance between disciplines. We often, as social scientists, don't think of ourselves as being the people who fly the drones or who interface with equipment. And so I think it's **easy to kind of categorize things as spaces that are and are not for me because of that very technical framing of the Facility and what it does.***

- Interviewee 2

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# Recommendations for the RAPID Facility

***Recommendation #1: Targeted outreach and direct engagement with potential RAPID Facility users at conferences and workshops***

***Recommendation #2: Sustained engagement and relationship-building with individuals and organizations that represent or serve underrepresented scholars and students***

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## Recommendation 1

*..reach out to some of the end users ....just so that they are aware that you exist. So that they can also, if not themselves directly use the resources you bring, but point others towards it. So **they can advocate for you** all as well.*

- Interviewee 5



## Recommendation 2

*I would say the efforts of **hosting workshops at HBCU or hosting a regional conference where HBCUs are invited**, I think those will be beneficial. I think also, not just training workshops of how to use the facilities [sic], but also **helping to develop teams or clusters of researchers to go beyond just the training to actually submitting project proposals together** either to the RAPID facilities [sic] or to NSF directly... And so that means not just training researchers of color, but also **being able to be a collaborator with them, to go on a project with them, invite them on a team**. Because to translate from just training to actually getting an award is totally different. And so I think it will take some additional effort to be able to work in teams with researchers of color to help them get at least through the gate.. before some of the deciding factors will allow them to proceed on, or say that their research is quality enough to be funded by a federal agency. - Interviewee 7*

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## Other Key Insights

- ◆ Acknowledge how individually and institutionally we may - even unintentionally - perpetuate inequalities
- ◆ Disparities in institutional resources and time make it difficult for individuals within under-resourced universities and academic institutions to develop and participate in proposals
- ◆ Recognition of and the need for solutions to barriers that interviewees and others have experienced in navigating the NSF grant proposal and submission process, including how to incorporate RAPID Facility resources

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## 2023 Initiatives (not exhaustive)

- ◆ Conducting a targeted outreach approach
- ◆ Determining location(s) of RAPID Facility training
- ◆ Presentations at a variety of conferences and through multiple mechanisms as it relates to engaging social scientists and underrepresented scholars
- ◆ Executive report to be sent to NSF
- ◆ Manuscript development