

Education and Community Outreach Committee
May 21, 2024 – 1:00 pm Central Time via Zoom
<https://utsa.zoom.us/j/9013659006>

Attendance Laura Lowes (*University of Washington—RAPID*), Matt Schoettler (*University of California, Berkeley—SimCenter*), Lindsay Carroll (*Oregon State University—HWRL*), Karissa Alarcon (*University of California, Berkeley—SimCenter*), Melissa Villarreal (*University of Colorado, Boulder—CONVERGE*), Candace Evans (*University of Colorado, Boulder—CONVERGE*), Stephanie Paal (*Texas A&M University—User Forum*), Sara Hamideh (*Stonybrook University—User Forum*), Daleen Torres-Burgos (*University of Florida—BLWT*), Tricia Clayton (*Wake Forest University—UT Mobile Shakers*), Eric Salna (*Florida International University—Wall of Wind*), Joe Saunders (*Lehigh University—RTMD*), Scott Brandenburg (*University of California, Los Angeles—DesignSafe/TAAC*), Karina Vielma (*University of Texas at San Antonio—NCO*), Robin Nelson (*University of Texas at San Antonio—NCO*)

ECO Updates

- Approval of April Meeting Minutes
- User Forum Communication Committee asks that you please use #nheriSummerInstitute in your slides and in any social media posts during the Summer Institute.
- Good luck to Melissa Villarreal on her dissertation defense!

NHERI REU Summer Program

Important 2024 NHERI REU Summer Program Dates

- **NHERI REU Mentor Training**
 - *May 20 @ 2:00 pm CT,*
 - *May 28 @ 5:00 pm CT, or*
 - *May 30 @ 6:00 pm CT*
- **June 3 - August 9 — Block 1**
- **June 17 – August 23 —Block 2**
- **August 5 – REU Research Symposium Virtual Practice 8:00 am - 6:00 pm CST.**
- **August 7 & 10 REU Travel Days**
- **August 8 - 9 — NHERI REU Research Symposium hosted by UCSD LHPOST6**

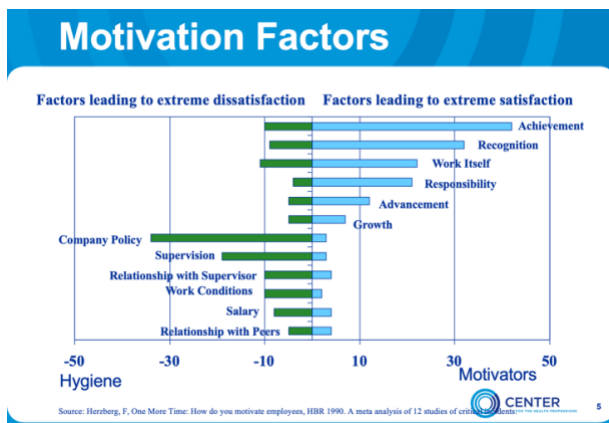
Report—

NHERI REU Summer Program has three main objectives for participants:

- Provide **research experiences** for undergraduate students.
- Provide **career exposure** within the NHERI fields (*civil engineering, computer science, simulation, social science, etc.*); and
- Provide **mentorship** with an experienced researcher.

As we prepare to launch the 2024 REU season, let's remember how our mentorship can impact students in our charge and consider best practices:

- **How can we motivate our REU students?**
 - **Motivational research by B. Mertz, B.** *include factors that lead to dissatisfaction as well as satisfaction as show in diagram below. Four important ways we can motivate REU students include-building competence, helping them understand the value of their research, offer mentee choices, and look at the positives.*



- **How can we be successful mentors? What are some best practices?**
 - **Raman, Geisinger, Kamis, & de la More (2015) identified six key actions implemented by successful mentors that are best practices for mentors.**
 - Safe, patient, prepared, proactive, present, positivity,
 - The study also identified contact time as crucial in students rating of the programming. The more time they are in contact with faculty, graduate students, and staff, the higher they rank the program and their research experience.
- *Stay Connected: REU Calendar links have been sent out through Google. You may also access them at the links below:*
 - 2024 Block I & II Events- <https://bit.ly/2024Block1and2>
 - 2024 Block I Events- <https://bit.ly/2024Block1Events>
 - 2024 Block II Events- <https://bit.ly/2024Block2Events>
 - 2024 NHERI REU Deliverables- <https://bit.ly/2024REUDeliverables>

Next Steps—

- Mentor Training- The ECO will host several meetings for mentors to familiarize you with the NHERI REU program, objectives, schedules, and best practices in order to accommodate everyone's schedules. We encourage all mentors to attend one of these meetings. Additional meeting can be held to accommodate schedules.
- All users are input into Moodle, Block I wk#1-#5 Moodle curriculum is complete, continuing to build out the remainder of the LMS.

2. NHERI Summer Institute

Important 2024 NHERI Summer Institute Dates

- **May 6 & May 20 NHERI Summer Institute Preparation Date**
- **May 24, Researcher Profile** https://bit.ly/2024NHERISI_Profile
- **May 24, Verify lesson plan and flyers in OneDrive**
- **June 10, Upload final PPT to OneDrive**
- **Wednesday- Friday, June 12-14, 2024, NHERI Summer Institute**

Next Steps—

- **ACTION ITEM:** Complete your Summer Institute profile- https://bit.ly/2024NHERISI_Profile
- **ACTION ITEM:** Verify lesson plans and flyers in OneDrive by May 24, 2024
- **ACTION ITEM:** Upload final PPT to OneDrive by June 10, 2024
- **Discuss final touches on lunch networking for the Summer Institute:** topics encourage participants to select different tables and people to sit with for lunch each day. After our discussion, we will have assignment lunch tables on Wednesday (sites) and Thursday (hazards) that will encourage participants to sit with others who they may have not connected with yet but may help them find connections with whom to collaborate. Then Friday lunch will be without a discussion card since many groups work through lunch on Friday. Thank you so much for your feedback.

NHERI Graduate Student Council

Important Dates

- *May 31 – NHERI GSC Mini-Conference*
- *June 3 – NHERI GSC Executive Committee Meeting @ 11:00 am CT*
- *June 7 – NHERI GSC DEI Spring Event with Elaina Sutley @ 12:00 pm CT*
- *June 21 – NHERI GSC Social @ 11:00 am CT*

Report—

- 522 registered members; average General Meeting attendance for 2024 is 58.
- Register to attend the NHERI GSC Mini-Conference (<https://bit.ly/2024NHERIGSCMiniConference>)
- Sent out survey to all participants who graduated to collect longitudinal data.
- NHERI GSC presented session at the Natural Hazards Research Summit (Amina Meselhe, Richard Campos, Natalie Coleman, Daniel Yahya, Jordan Nakayama, & Najiba Rashid). Thank you to Drs. Paal, Sutley, and Sanderson for sharing their expertise by participating in the panel portion!

Next Steps—

- **May-** Mini-Conference
- **Ongoing-** Identifying conference funding through NHERI GSC Proposal Committee (Natalie Coleman, Burak Duran, Esteban Villalobos Vega, Genesis Long, Jordan Nakayama, Emmaleah Jones, Najib Rashid, & Daniel Yahya)
- **May-** Develop materials for International Scholar Membership Campaign (Daniel Yahya, Wesam Mohamed, and Esteban Villalobos Vega)
- **July-** Develop RSR Training with Research Chair Nurullah Bektas & Vice Chair, Soolmaz Khoshkhalam
- **July-** Discussing Alumni & Friend Association (Amber Spears, Jenny Russell, Emmaleah Jones)

Diversity Survey

- 121 of 241 NHERI network members completed the unified diversity survey.
- Data will be analyzed and upload to Diversity Initiative website in the fall.

New Business

- Any new business?
- The 2024 June NHERI ECO Committee Meeting will be a hybrid event on Friday, June 14th at 11:15 am CT and in person at the NHERI Summer Institute.

Adjourn

NATURAL HAZARDS
ENGINEERING RESEARCH
INFRASTRUCTURE

SUMMER INSTITUTE

June 12-14, 2024



San Antonio, Texas,
UTSA Downtown Campus,
Durango Building

**NHERI Summer Institute Day 1
Wednesday, June 12, 2024**

Time	Session	Location
7:30 am-8:00 am	Registration, breakfast, sign-up to meet with NSF Program Director.	Riverwalk Rm
8:00 am-9:00 am	<i>Welcome & NHERI Overview</i>	La Villita Rm
9:00 am-9:15 am	Networking Break	La Villita Rm
9:15 am-10:40 am	<i>NHERI Site Presentations, Part I</i>	La Villita Rm
9:17 am-9:29 am	Wall of Wind	
9:32 am-9:44 am	O.H. Hinsdale Wave Research Laboratory	
9:46 am-9:58 am	Boundary Layer Wind Tunnel Experimental Facility	
10:00 am-10:12 am	Center for Geotechnical Modeling	
10:14 am-10:26 am	Large High Performance Outdoor Shake Table	
10:28 am-10:40 am	Large-Scale Mobile Shakers	
10:42 am- 11:00 am	Networking Break	La Villita & Riverwalk Rm
11:02 am-11:14 pm	<i>NHERI Site Presentation, Part II</i>	La Villita Rm
11:16 am-11:28 am	Computational Modeling and Simulation Center (SimCenter)	
11:30 am-11:42 am	RAPID Natural Hazards Reconnaissance	
11:44 am-11:58 am	Real-Time Multi-Directional (RTMD) Experimental Facility	
12:00 pm-12:12 pm	DesignSafe-Cyberinfrastructure	
12:14 pm-12:26 pm	CONVERGE & Natural Hazards Center	
12:30 pm-1:30pm	Networking Lunch/ Meetings with NSF Program Director	Riverwalk Rm/Alamo Boardroom
1:30 pm-2:25 pm	NHERI Networking Round Table Discussions	La Villita Rm
2:30 pm-4:15 pm	NSF Grant Writing Workshop Research 101	La Villita Rm
4:15 pm-4:30 pm	Networking Break/ Meetings with NSF Program Director	La Villita & Riverwalk Rm
4:30 pm-5:30 pm	Collaborative Proposal Writing: Intellectual Merit	La Villita Rm
6:30 pm-8:00 pm	User Forum Meet & Greet with Appetizers at Mi Tierra	Mi Tierra

**NHERI Summer Institute Day 2
Thursday, June 13, 2024**

Time	Session	Location
8:00 am-8:30 am	Registration, breakfast, User Forum participatory asset mapping, sign-up to meet with NSF Program Director.	Riverwalk Rm
8:30 am-9:30 am	NHERI Science Plan	La Villita Rm

8:30 am-11:45 am	K-12 Educator Orientation	Alamo Board Rm
9:30 am-10:45 am	Collaborative Proposal Writing Workshop: Research Question	La Villita Rm
10:45-11:00 am	Networking Break/Meetings with NSF Program Director	La Villita Rm
11:00 am-12:00 pm	Interdisciplinary NSF CAREER Award	
12:00 pm-12:55 pm	Networking Lunch/ Meetings with NSF Program Director	Riverwalk Rm/ Alamo Boardroom
1:00 pm-2:15 pm	Diversity, Equity, and Inclusion Workshop	La Villita Rm
2:15 pm-2:30 pm	Networking Break/ Meetings with NSF Program Director	La Villita & Alamo Boardroom
2:30 pm-3:15 pm	Broader Impacts	La Villita Rm
3:15 pm-3:30 pm	Networking Break/ Meetings with NSF Program Director	La Villita & Riverwalk Rm
3:30 pm- 5:30 pm	Collaborative Proposal Writing Workshop: Broader Impacts	La Villita & Riverwalk Rm
6:30 pm-7:30 pm	Klesse College of Engineering & Integrated Design sponsored River Cruise	La Villita Rm
NHERI Summer Institute Day 3 Friday, June 14, 2024		
Time	Session	Location
8:00 am-8:30 am	Registration, breakfast, User Forum participatory asset mapping, sign-up to meet with NSF Program Director	Riverwalk Rm
8:30 am-9:00 am	NHERI Technology Transfer Committee (TTC)	La Villita Rm
9:00 am-9:45 am	Collaborative Proposal Writing Workshop: Research into Practice	La Villita & Riverwalk Rm
9:45 am-10:00 am	Networking Break	
10:00 am-12:00 pm	Collaborative Proposal Writing Workshop: Presentation	La Villita & Riverwalk Rm
10:00 am-11:00 am	User Forum Meeting	Alamo Boardroom
11:15 am-11:45 pm	ECO Committee Meeting	Alamo Boardroom
12:00 pm-12:55 pm	Networking Lunch	Riverwalk Rm
1:00 pm-3:00 pm	Group Mock Proposal Presentations	La Villita Rm
3:00 pm-3:15 pm	Networking Break	La Villita & Riverwalk Rm
3:15 pm-3:45 pm	<i>Awards Presentation & Concluding Remarks</i>	La Villita Room