

Education and Community Outreach Committee
April 23, 2024 – 11:00 am Central Time via Zoom
<https://utsa.zoom.us/j/9013659006>

Attendance Laura Lowes (*University of Washington—RAPID*), Matt Schoettler (*University of California, Berkeley—SimCenter*), Melissa Villarreal (*University of Colorado, Boulder—CONVERGE*), Stephanie Paal (*Texas A&M University—User Forum*), Sara Hamideh (*Stonybrook University—User Forum*), Lelli Van Den Einde (*University of California, San Diego—LHPOST6*), Kurt Gurley (*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*) Robin Nelson (*University of Texas at San Antonio—NCO*)

ECO Updates

- Approval of March Meeting Minutes
- Just a reminder—Hedda Prochaska is happy to revamp facility NHERI DesignSafe websites. Please contact her via Slack or email (hedda@tacc.utexas.edu).
 - Both FIU & SimCenter have taken advantage of this opportunity and valuable resource!
- Thank you for providing feedback on abstracts for the NHERI Summer Institute selection- US LMS, CONVERGE, UF, and UC Berkeley!
- User Forum Communication Committee asks that you please use #nheriSummerInstitute in your slides and in any social media posts during the Summer Institute.

NHERI REU Summer Program

Important 2024 NHERI REU Summer Program Dates

- *April 23, NHERI REU ECO Meet & Greet 6pm CST*
- *TBD, NHERI REU Mentor Training (Please complete When2Meet poll <https://www.when2meet.com/?24730543-DDKsQ>)*
- *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—

List of 2024 NHERI REU Participants-

FIU — Robyn Andrews, Joshua Del Bosque, Mia Simmon
Lehigh — Bethany Hutto, Alex Valero, Christy Joy Tupas
UC Berkeley — Trey Gower, Emily Nakamura, Cristian Varela, Josette Audi
UF — Madeline Fisher, Sydney Oberdorfer
UT LMS — Aitong Xu, Marah Kluge, Ariana Paul
UT DS/TACC — Beatrice Olaosebikan, Jonathan Gaucin
UC Boulder — Bayley Dickinson, Maria Huang
OSU — Lucy Hegenderfer, Kama Wong, Ella Landau
UCSD — Saul Romero, Emersen Liauw, Michael Morales
UC Davis — Jose Ortiz Michel, Hamad Khan, Diego Moreno
UW — Edan Miller, Kathleen Julca, Anna Miletich

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>

June

2024

■ Block 1
 ■ Block 2
 ■ Block 1 & 2

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 REU Block 1 Start Pre-Assessment due	4 Block 1 Orientation 11am-1pm Central	5	6	7	8
9	10 Research Meeting#1 10am-12pm Central	11	12 NHERI Summer Institute	13 NHERI Summer Institute	14 NHERI Summer Institute Deliverables #1 due	15
16 Social Media Post: WHO I AM	17 Research Meeting#2 10am-12pm Central REU Block 2 Start Pre-Assessment due	18 Block 2 Orientation 3-5pm Central	19 HOLIDAY	20	21 Deliverables #2 due Deliverables #1 due	22
23	24 Research Meeting#3 10am-12pm Central Research Meeting#1 1pm-3pm Central	25	26 Career Development Meeting#1: Social Media & Networking 11am-1pm Central	27 Social Media Post: Professional Introduction & Thank you	28 Deliverables #3 due Deliverables #2 due	29

July

2024

■ Block 1
 ■ Block 2
 ■ Block 1 & 2

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30 Social Media Post: MEET MY MENTOR	1 Research Meeting#4 10am-12pm Central Research Meeting#2 1pm-3pm Central	2	3	4 HOLIDAY	5 Deliverables #4 due Deliverables #3 due	6
7	8 Research Meeting#5 10am-12pm Central Research Meeting#3 1pm-3pm Central	9	10 Career Development Meeting#2: Applying for Graduate School Panel (Graduate & Faculty Panel) 11am-1pm Central	11	12 Deliverables #5 due Deliverables #4 due	13
14 Social Media Post: MY NHERI SITE	15 Research Meeting#6 10am-12pm Central Research Meeting#4 1pm-3pm Central	16	17 Career Development Meeting#3: DEI & Implicit Bias in Engineering 11am-1pm Central	18	19 Deliverables #6 due Deliverables #5 due	20
21	22 Research Meeting#7 10am-12pm Central Research Meeting#5 1pm-3pm Central	23	24 Career Development Meeting#4: Industry Career Panel & Career Exploration 11am-1pm Central	25	26 Deliverables #7 due Deliverables #6 due	27
28 Social Media Post: RESEARCH IN ACTION	29 Research Meeting#8 10am-12pm Central Research Meeting#6 1pm-3pm Central	30	31 Career Development Meeting#5: Career in Research or Academia 11am-1pm Central	1	2 Deliverables #8 due Deliverables #7 due	3

August

2024

Block 1 Block 2 Block 1 & 2

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29 Research Meeting#7 1pm-3pm Central	30	31	1	2 Deliverables #9 due Deliverables #8 due	3
4 PHOTO CONTEST: HELLO, SAN DIEGO!	5 ALL REU STUDENTS- Research Symposium Presentation Practice 8:00am-6:00pm Central	6	7 *TRAVEL DAY - Arrive in San Diego for REU Research Symposium	8 NHERI REU Research Symposium @ UCSD 8:00am-5:00pm PT	9 NHERI REU Research Symposium @ UCSD 8:00-5:00pm PT REU Block 1 End Deliverable#10 timesheet, final paper, poster, & presentation, & REU Post-Assessment Deliverables #8 due	10 *TRAVEL DAY - Depart San Diego
11	12 Research Meeting#8 1pm-3pm Central	13	14	15	16 Deliverables #9 due	17
18	19	20	21	22	23 REU Block 2 End Deliverable#10 timesheet, final paper, poster, & presentation, & REU Post-Assessment	24
25	26	27	28	29	30	31

Next Steps—

- Mentor Training- Please share a list the mentors (faculty, postdoc, and graduate student) and projects as well as your availability for mentor training: <https://www.when2meet.com/?24730543-DDKsQ>. Thank you SimCenter, FIU, UT LMS, UCSD, and OSU for sharing this information already.
- Building rapport- thank you so much for hold a meeting with participants or reaching out via email to begin building rapport and answering any questions.
- Robin is currently building the Moodle site for participants.

NHERI Summer Institute

Important 2024 NHERI Summer Institute Dates

- TBD, NHERI Summer Institute Preparation Date (participants will select date)
- Wednesday- Friday, June 12-14, 2024, NHERI Summer Institute
- May 15 — NHERI SI Presenter Registration
- May 15 – Hilton DoubleTree Reservations due

Next Steps—

- **ACTION ITEM:** Presenters should register for NHERI Summer Institute- https://bit.ly/2024NHERI_SIPresenter
- **ACTION ITEM:** Complete your Summer Institute profile- https://bit.ly/2024NHERISIP_Profile
- **ACTION ITEM:** Make accommodation reservation by May 15: <https://www.hilton.com/en/book/reservation/deeplink/?ctyhocn=SATDWDT&groupCode=CDT90G&arrivaldate=2024-06-10&departuredate=2024-06-16&cid=OM,WW,HILTONLINK,EN,DirectLink&fromId=HILTONLINKDIRECT>

University	Site Representative	Registered
Lehigh	Jim Ricles & Liang Cao	Y
FIU	Steven Diaz	Y
UF	Brian Phillips	N

UT DesignSafe	Tim Cockerill	N
UT LMS	Tricia Clayton	N
UC Boulder	Candace Evans	Y
UC Berkeley	Laura Lowes	Y
UC Davis	Dan Wilson	N
UC San Diego	Koorosh Lotfizadeh & Joel Conte	N, N
OSU	Pedro Lomonaco	Y
UW	Laura Lowes	Y
NCO	Julio Ramirez, Antonio Bobet, David Johnson	N, Y, Y
Science Plan	Billy Edge	Y
TTC	Kelly Cobeen, Joe Cibor, Chris Rojan	Y, N, Y
User Forum	Stephanie Paal Y Maggie Leon-Corwin	Y Y
NSF	Giovanna Biscontin	Y
ECO	JoAnn Browning Karina Vielma Robin Nelson	Y Y Y

Approve final itinerary- see attached at the end of the agenda.

Day 1 — Welcome, Site Presentations (12 minutes), Site Round Table (3 tables/ 15 minutes each), NSF Grant Proposal Writing Workshop, Groups meet and discuss intellectual merit ideas, User Forum Dinner

Day 2 — Science Plan, Groups (key/research questions), CAREER Awardee Panel, DEI Workshop, Broader Impacts Presentation, Groups w/educator (Educational Plan)

Day 3 — TTC, Groups (Research to Practice Plan), Groups (Presentation), User Forum Meeting, ECO Meeting, Presentations, Awards

NHERI Graduate Student Council

Important Dates

- **May 3- NHERI GSC Executive Committee Meeting @ 11:00 am – 12:00 pm CST**
- **May 17- NHERI GSC General Meeting @ 11:00 am- 12:00 pm CST**
- **May 10 — Research Challenge Meeting#3**
- **May 15 – Natural Hazards Research Summit Session & Booth**
- **May 31 – NHERI GSC Mini-Conference**

Report—

- 514 registered members; average General Meeting attendance for 2024 is 63.
- Register to attend the NHERI GSC Mini-Conference (<https://bit.ly/2024NHERIGSCMiniConference>)
- Polled Exec. Committee for International University Member Campaign suggestions- will select 10 to begin pilot International University Campaign after finals.
- Natural Hazards Workshop NSF Travel Awards and/or Registration selected with help from NHC, NCO, and non-participating NHERI GSC Executive Committee members- Shriya Thakkar, Harman Singh, Hannah Friedrich, Anamika Malla, Shayan Razi, Lidia Cano Pecharroman, Amber Spears

Next Steps—

- Mini-Conference
- NHRS NHERI GSC Session and booth: Amina Meselhe, Richard Campos, Natalie Coleman, Daniel Yahya, Jordan Nakayama, & Najiba Rashid
- Proposal work beginning again: focus on identifying funding for specific conferences for NHERI GSC members: Natalie Coleman, Burak Duran, Esteban Villalobos Vega, Genesis Long, Jordan Nakayama, Emmaleah Jones, Najib Rashid, & Daniel Yahya
- Develop letters and flyers for International Scholar Membership Campaign and begin campaign after finals.

- Research Chair & Vice Chair develop RSR Training to help facilitate smaller niche research groups throughout the year.
- Discussing NHERI GSC Alumni & Friends Association

Diversity Survey

- Unified NHERI Diversity Survey emailed out March 18.
- Reminders were sent out April 1 and 15.
- Final reminder will be sent out April 29.
- Survey will close May 5.

New Business

- Any new business?
- **ACTION ITEM:** Please complete the When2Meet poll by to identify the best date for our May meeting. Please complete by May 1—<https://www.when2meet.com/?24714274-MJsoc>

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