



NHERI Summer Institute for Early Career Faculty 2026

Pre-Institute Day 0 Monday, June 1, 2026

Time	Session	Location
6:30 pm-8:30 pm	NSF NHERI User Forum Pre-Institute Dinner <i>We will gather in the La Villita Room in the Durango Building at 6:00 pm to meet your mentor and group members. We will then walk together to Mi Tierra for dinner.</i>	La Villita Rm, Mi Tierra

NHERI Summer Institute Day 1 Tuesday, June 2, 2026

Time	Session	Location
7:00 am-8:00 am	Register, fill out and post entry ticket on vision board, and join us for breakfast.	La Villita Rm, Riverwalk Rm
8:00 am-8:45 am	1 Welcome & Overview Presenter: JoAnn Browning <i>NSF NHERI NCO Co-Principal Investigator & ECO Co-Lead Professor of Civil Engineering Lutcher Brown Chair of Civil, Construction, & Environmental Engineering The University of Texas at San Antonio</i> <i>Following a welcome by the NSF NHERI NCO-ECO lead, attendees will be introduced to the NSF NHERI network and the Summer Institute objectives. Attendees will participate in an icebreaker to connect with new researchers across multiple research areas as they navigate research convergence.</i>	La Villita Rm
8:45 am-9:15 am	2 Team Building: Constructing a Team Vision <i>Meet with your team to discuss each member's vision for their natural hazards research career and work towards a team vision statement. How is your research unique? What novel skills, methods, and backgrounds do you bring to your group? How can you incorporate ideas from every member's vision to form a team vision statement?</i>	La Villita Rm, El Paseo Rm, Mercado Rm, Riverwalk Rm

9:15 am-9:30 am	Networking break	La Villita Rm
9:30 am-10:30 am	<p>3 NHERI Impact Panel: Envisioning Your Research Path Moderated by: <i>Karina Vielma</i> <i>NSF NHERI NCO-ECO Co-Lead</i> <i>Assistant Professor, Engineering Education</i> <i>The University of Texas at San Antonio</i></p> <p>Panelist: Maria Koliou <i>Associate Professor of Civil & Environmental Engineering</i> <i>Texas A&M University</i></p> <p>Panelist: Shahrzad Roshankhah <i>Assistant Professor of Civil & Environmental Engineering</i> <i>The University of Utah</i></p> <p>Panelist: Barbara Simpson <i>Assistant Professor of Civil & Environmental Engineering</i> <i>Stanford University</i></p> <p>Panelist: Jenna Wong <i>Assistant Professor of Civil Engineering</i> <i>San Francisco State University</i></p> <p>Panelist: Luis Zambrano-Cruzatty <i>Assistant Professor of Civil, Construction, & Environmental Engineering</i> <i>North Carolina State University</i></p> <p><i>Attendees will explore how NSF NHERI can support their research objectives as panelists share insights from their NSF CAREER Award experiences and engage in a Q&A session to address attendees' questions.</i></p>	La Villita Rm
10:30 am-11:15 am	<p>4 Logic Model Presenter: Karina Vielma <i>NHERI ECO Co-Lead</i> <i>Assistant Professor of Engineering Education</i> <i>The University of Texas at San Antonio</i></p> <p><i>Attendees will utilize the logic model to prepare well-aligned proposals that clearly outline research objectives along with the necessary inputs and outputs.</i></p>	La Villita Rm
11:15 am-12:15 pm	<p>Working lunch- Identifying Inputs <i>Groups will discuss university resources available to their team, as well as NHERI resources they may use as inputs in their logic model.</i></p>	Riverwalk Rm
12:15 pm-1:15 pm	<p>5 U.S. National Science Foundation's Proposal Writing 101 Presenter: Lesley Sneed <i>Program Director, National Science Foundation</i> <i>Division of Civil, Mechanical, and Manufacturing Innovation (CMMI)</i> <i>Professor at the University of Illinois, Chicago</i></p>	La Villita Rm



Attendees will learn about research merit, an overview of research activities and resources, and broader impacts of NSF proposal writing from the NSF CMMI Program Director, Lesley Sneed.

1:15 pm-1:25 pm **Networking Break** La Villita Rm
During the next three short sessions, attendees should consider possible research questions, broader impacts, and outcomes related to transferring research to practice (code, user guides, policy, patent, etc.).

1:25 pm-1:55 pm **6 NHERI Science Plan: Guiding Future Research Proposals** La Villita Rm
Presenter: Ian Robertson
*NHERI NCO and NHERI Science Plan Task Group, Professor Emeritus, Civil, Construction & Environmental Engineering
University of Hawaii at Manoa*

Presenter: Billy Edge
*NHERI NCO Co-PI and NHERI Science Plan Task Group,
Professor Emeritus of Civil, Construction & Environmental Engineering
North Carolina State University*

Attendees will engage in an introduction, overview, and discussion of the third iteration of the NHERI Science Plan, focusing on key research needs within the natural hazards engineering community.

1:55-2:05 pm **Networking Break** La Villita Rm

2:05 pm-2:35 pm **7 Broader Impacts: Benefitting Society** La Villita Rm
Presenter: Karina Vielma
*NSF NHERI NCO-ECO Co-Lead
Assistant Professor, Engineering Education
The University of Texas at San Antonio*

Attendees will delve into the broader impacts of NSF proposals, concentrating on effective methods to measure those impacts and ensure alignment with desired outcomes.

2:35 pm-2:45 pm **Networking Break** La Villita Rm

2:45 pm-3:15pm **8 Technology Transfer Committee: Guiding Research into Practice** La Villita Rm
Presenter: Bill Holmes, PE, SE
*Chair, NSF NHERI NCO Technology Transfer Committee
Structural Engineer, National Academy of Engineering, Senior Consultant
Rutherford+Chekene*

Presenter: Kelly Cobeen, PE, SE
Associate Principal, Wiss, Janney, Elstner Associates, Inc.

3:15 pm-4:45 pm **9 Team Building: Logically Constructing a Proposal** La Villita Rm,
El Paseo Rm,
Mercado Rm,
Riverwalk Rm
Attendees will meet in groups to further develop their logic model and mock proposal. Each group may engage virtually with NHERI Site Representatives, Science Plan Task Group Members, and TTC members to address questions regarding the specific outcomes the group aims to achieve in their mock proposal.



4:45 pm-5:20 pm **10 Logic Model Feedback with Mentor** La Villita Rm

Groups will present logic models to their mentors for constructive feedback. This collaborative effort aims to deepen their understanding of the logic model framework and its real-world applications. Mentors will evaluate the models and provide insights to refine, fostering meaningful dialogue and a supportive learning environment to help participants enhance their mock proposals.

6:00 pm-8:00 pm **San Antonio River Walk Cruise** La Villita Rm

Attendees will tour the River Walk via a river barge. Please meet in the La Villita room at 5:50 pm. We will walk a short distance to catch the bus to the River Walk. This is a great opportunity to have dinner on the River Walk with others from the Summer Institute. The bus will offer rides back to campus immediately following the cruise.

NHERI Summer Institute Day 2 Wednesday, June 3, 2026

Time	Session	Location
7:30 am-8:00 am	Post exit ticket on vision board and join us for breakfast.	La Villita Rm, Riverwalk Rm
8:00 am-10:00 am	11 Team Building: Mock Proposal Development <i>Groups will meet to finalize their logic model and mock proposal presentation. Mentors will check in to provide guidance. Each group may engage virtually with NHERI Site Representatives, Science Plan Task Group Members, and TTC members to address questions regarding the specific outcomes the group aims to achieve in their mock proposal.</i>	La Villita Rm, El Paseo Rm, Mercado Rm, Riverwalk Rm
10:00-11:00 am	12 Mock Proposal Presentation <i>Groups present their mock proposals and field questions from mentors. This interactive format is designed to facilitate constructive feedback regarding the proposals' intellectual merit, the formulation of research questions and hypotheses, broader societal impacts, and strategies for technology transfer.</i>	La Villita Rm, Alamo Board Rm
	<p>La Villita Rm. Jenna Wong – Alpha Luis Zambrano-Cruzatty – Beta Maria Koliou – Gamma</p> <p>Alamo Board Rm. Shahrzad Roshankhah – Delta Barbra Simpson – Epsilon</p>	
11:00-11:45 am	13 Building Self-Efficacy: The Next Steps Moderator: Karina Vielma <i>NHERI ECO Co-Lead Assistant Professor of Engineering Education The University of Texas at San Antonio</i>	La Villita Rm, El Paseo Rm, Mercado Rm, Riverwalk Rm



Attendees will discuss self-efficacy, outline their next steps in achieving their research goals, and identify the essential resources required to advance their proposals. The session will conclude with a self-efficacy survey and a short focus group.

11:45 am-12:00 pm

14 Concluding Remarks

La Villita Rm

Presenter: JoAnn Browning

NSF NHERI NCO Co-PI & ECO Co-Lead

Professor of Civil Engineering

Lutcher Brown Chair of Civil, Construction, & Environmental Engineering

The University of Texas at San Antonio

JoAnn Browning will wrap up the NSF NHERI Summer Institute with closing remarks. We would like to acknowledge the participation and support of NSF Program Director, mentors, NHERI facility representatives, NHERI Science Plan Task Group, and TTC representatives. We also want to recognize the dedication of attendees as they participated in this unique interdisciplinary research community event.

12:00 pm – 1:00 pm

15 Reflection Lunch

Riverwalk Rm

We invite all attendees and mentors to reflect on your experience and enjoy a bite to eat before concluding this year's NHERI Summer Institute.

Our mission at NHERI is to provide experimental and computational tools, while fostering a resilient, interdisciplinary community. As you leave San Antonio, remember that the Professional Learning Communities (PLCs) do not end here—the connections made and the post-institute sessions ahead are designed to support you as you turn these bold research ideas into successful, funded projects.

Safe travels to everyone, and we look forward to seeing your future contributions to natural hazards research and community resilience.

