

Natural Hazards Engineering Research Infrastructure



Summer Institute

June 4-6, 2018

NHERI Summer Institute Day 1

Time	Description	Location
7:30-8:30am	Breakfast	Riverwalk Room
8:00-8:30am	Registration ✓ <i>Please sign in daily.</i>	UTSA Conference Center Lobby
8:30-9:00am	Welcome <i>Presenter: JoAnn Browning, Dean University of Texas at San Antonio, College of Engineering</i>	La Villita Room
9:00-9:45am	NHERI Overview <i>Participants will learn about the NHERI network, receive an overview of the Summer Institute objectives, and share their goals for the event.</i>	La Villita Room
9:45-10:15am	Coffee and Networking	Riverwalk Room
10:15am-12:00pm	NHERI Science Plan Discussion <i>Attendees will participate in an introduction, followed by a discussion of the NHERI Science Plan that addresses pressing research needs for the natural hazards community.</i>	La Villita Room
12:00-1:00pm	Welcome Luncheon	Riverwalk Room
1:00-4:00pm	Grant Writing Workshop – Research 101 <i>Presenter: Joy M. Pauschke National Science Foundation</i> <i>National Science Foundation representative will lead a workshop that details the dos and don'ts of grant writing. Participants will explore their project proposals and get hands-on advice from successful grant proposal recipients.</i>	La Villita Room
4:00-5:00pm	Scheduled Meetings with PIs & NHERI EF Representatives <i>Participants will sign up for 15-20 minute meetings with EF representatives and PIs to discuss their proposal/ideas.</i>	Various locations
5:30pm	San Antonio Excursion The Tower of the Americas	

NHERI Summer Institute Day 2

Time	Description	Location
7-7:55am	Breakfast	Riverwalk Room
7:45-8am	Registration ✓ Please sign in daily.	UTSA Conference Center Lobby
8-10am	NHERI EF & Research Presentations <i>Attendees will learn about collaborative research at various experimental facilities through concurrent sessions.</i>	
	8:00-8:20am Florida International University <i>NHERI Wall of Wind Experimental Facility</i> Presenter: Arindam Gan Chowdury	Alamo Boardroom
	8:25-8:45am University of Florida	La Villita Room
	8:50-9:10am Lehigh University <i>Natural Hazards Engineering Research Infrastructure at Lehigh: Experimental Facility with Large-scale Real-time Multi-directional Hybrid Simulation Testing Capabilities</i> Presenter: James Ricles	
	9:15-9:35am University of Texas-Austin <i>NHERI@UTexas: Large Mobile Shakers for Natural Hazard Field Studies</i> Presenter: Patricia Clayton	
	9:40-10:00am Oregon State University <i>Definition of Wave Conditions and Scaling for Testing of Coastal Structures</i> Presenters: Pedro Lomonaco & Dan Cox	
10-10:20am	Networking Break	Riverwalk Room
10:25am-12:25pm	10:25-10:45am University of California-Davis	La Villita Room
	10:50-11:10am University of California-San Diego	
	11:15-11:35am University of California-Berkeley	
	11:40am-12:00pm University of Washington	
	12:05-12:25pm University of Texas-Austin TACC	
12:30pm	Networking Lunch	Riverwalk Room
1:30-3pm	Designing a NHERI Research Proposal – Take I <i>Attendees will collaboratively design a research proposal which incorporated NHERI experimental facility (EF), simulation, cyber infrastructure, and RAPID resources.</i>	La Villita Room

Representatives from the sites will be available to answer specific questions about the use of the facilities and resources.

3-3:15pm

Networking Break

Riverwalk Room

3:15-
4:45pm

Designing a NHERI Research Proposal – Take II

La Villita Room

Groups will present their research proposals and reflections of their work toward the goal of designing a proposal using NHERI facilities and resources.

4:45-
5:45pm

**Scheduled Meetings with PIs & NHERI EF
Representatives**

Various locations

Participants will sign up for 15-20 minute meetings with EF representatives and PIs to discuss their proposal/ideas.

6-8pm

Networking Event

Frio Building Third Floor
Terrace

NHERI Summer Institute Day 3

Time	Description	Location
7:45-8:30am	Breakfast	Riverwalk Room
8:00-8:30am	Registration ✓ <i>Please sign in daily.</i>	UTSA Conference Center Lobby
8:30-9:30am	Concurrent Sessions	
	NHERI Overview for K-12 Teachers <i>K-12 teachers will learn about the NHERI network, receive an overview of the Summer Institute objectives, and share their goals for the day.</i>	La Villita Room
	Scheduled Meetings with PI's & NHERI EF Representatives <i>Participants will sign up for 15-20 minute meetings with EF representatives and PIs to discuss their proposal/ideas.</i>	Various rooms
10-10:20am	Networking Break	Riverwalk Room
8:45am-12:00pm	Educational & Community Outreach Design <i>Early career faculty and graduate students will work alongside K-12 educators to design appropriate educational component(s) for their grant project. They will also have a choice to collaboratively expand or extend a lesson created by the REU students and modified by the K-12 teachers.</i>	La Villita Room
12:00-1:00pm	Networking Lunch	Riverwalk Room
1:30-5:00pm	NHERI Leadership Meetings	Various locations
1:30-2:30pm	<i>Joint User Forum and NIAC Meeting</i>	
1:30-4:30pm	<i>NIAC Meeting</i>	El Paseo Room
8am-12noon	<i>User Form Meeting</i>	Alamo Boardroom
1:30-3pm	<i>ECO Committee Meeting</i>	