

Natural Hazards Engineering Research Infrastructure



Summer Institute

June 5-7, 2019

NHERI Summer Institute Day 1
Wednesday, June 5, 2019

Time	Description	Location
8:00-8:30am	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, Ph.D., P.E.</i> <i>Dean, College of Engineering, University of Texas at San Antonio</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>Presenter: Billy Edge</i> <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
1:00-2:30pm	Grant Writing Workshop – Research 101 <i>Presenter: Joy M. Pauschke, Ph.D., P.E.</i> <i>Program Director, National Science Foundation</i>	La Villita Room
2:30-3:00pm	Coffee and Networking	Riverwalk Room
3-4:30pm	CAREER Award Workshop <i>Presenter: Zhijian (ZJ) Pei, Ph.D.</i> <i>Professor, Texas A&M University</i>	La Villita
4:30-5:00pm	Reflections and Day 1 Evaluations	La Villita Room
5:00pm	San Antonio Excursion <i>San Antonio Riverwalk – Go Rio Boat Tour</i>	

NHERI Summer Institute Day 2
Thursday, June 6, 2019

Time	Description	Location
7:30-8:00am	Breakfast	Riverwalk Room
7:45-8:00am	Registration <i>Please sign in daily.</i>	UTSA Conference Center Lobby
	NHERI EF & Research Presentations	
8:00-8:20am	Florida International University <i>NHERI Wall of Wind Experimental Facility at FIU</i> Presenter: Arindam Gan Chowdhury <i>Principal Investigator and Director, NHERI Wall of Wind (WOW) Experimental Facility, Florida International University</i>	La Villita Room
8:25-8:45am	University of Washington Presenter: Laura Lowes	La Villita Room
8:50-9:10am	Lehigh University <i>NHERI Lehigh: Experimental Facility with Large-Scale Multi-Directional Hybrid Simulation Testing Capabilities</i> Presenter: Liang Cao <i>Research Scientist, NHERI Lehigh University</i>	La Villita Room
9:15-9:35am	The University of Texas-Austin <i>NHERI@UTexas: Large Mobile Shakers for Natural Hazard Field Studies</i> Presenter: Patricia Clayton <i>Assistant Professor, The University of Texas at Austin</i>	La Villita Room
9:40-10:00am	Oregon State University Presenter: Pedro Lomonaco	La Villita Room
10-10:20am	Networking Break	Riverwalk Room
10:25-10:45am	University of California-Davis <i>Center for Geotechnical Modeling</i> Presenter: Srikanth S. C. Madabhushi <i>Post-doctoral Researcher, University of California, Davis</i>	La Villita Room
10:50-11:10am	University of California-San Diego <i>NHERI@UCSD San Diego: Facility Description and Capabilities</i> Presenter: Ozgur Ozcelik <i>Research Scientist, University of California, San Diego</i>	La Villita Room

11:15-11:35am	University of California-Berkeley <i>Presenter: Laura Lowes</i>	La Villita Room
11:40am-12:00pm	University of Florida <i>Boundary Layer Wind Tunnel with Rapid Roughness Reconfiguration and Non-stationary Flow, and Full-scale Destructive Testing Apparatuses for Wind Engineering Applications</i> Presenter: Forrest Masters <i>University of Florida</i>	La Villita Room
12:05-12:25pm	The University of Texas-Austin TACC <i>NHERI DesignSafe Cyberinfrastructure</i> Presenter: Tim Cockerill <i>Director of User Services, Texas Advance Computing Center</i>	La Villita Room
12:30-1:30pm	Networking Lunch	Riverwalk Room
1:30-3:00pm	Social Science Research and Overview of CONVERGE CONVERGE, University of Colorado – Boulder Presenter: Lori Peek <i>Director of the Natural Hazards Center & Professor, Department of Sociology, University of Colorado Boulder</i>	La Villita Room
3:00-3:15pm	Networking Break	Riverwalk Room
3:15-4:30pm	Designing a NHERI Research Proposal Facilitators: JoAnn Browning & Karina Vielma <i>Attendees will collaboratively design a research proposal which incorporates NHERI experimental facility (EF), simulation center, cyber infrastructure, and RAPID resources. Representatives from NHERI sites will be available to answer specific questions about the use of the facilities and resources. Teams will present their draft research proposals and reflections of their work to the group.</i>	La Villita Room
4:30-5:00pm	NHERI and CAREER Awardee Panel	La Villita Room
5:30-7:30pm	NHERI User Forum Networking Event	Mi Tierra Café & Bakery

NHERI Summer Institute Day 3
Friday, June 7, 2019

Time	Description	Location
8:00-8:30am	Breakfast	Riverwalk Room
8:00-8:30am	Registration <i>Please sign in daily.</i>	UTSA Conference Center Lobby
8:30am-10:00pm	Broader Impacts Design <i>Presenter: Karina I. Vielma</i> <i>Participants will learn about the broader impacts design of a grant proposal. They will engage in discussion of the social science impacts of the proposed work.</i>	La Villita Room
10:00-10:20pm	Networking Break	Riverwalk Room
10:20-12:00pm	Proposal Working Meetings <i>Attendees will collaboratively design a research proposal which incorporates NHERI experimental facility (EF), simulation center, cyber infrastructure, and RAPID resources as well as educational and social science components to engage the broader impacts of the proposed work.</i>	La Villita Room
12:00-12:45pm	Networking Lunch	Riverwalk Room
12:45-2:00pm	Proposal Presentations <i>Participants will present their mock proposals to the group.</i>	La Villita Room
2:00-2:30pm	Awards and Reflection	La Villita Room
	NHERI Leadership Meetings	
All Day	<i>User Form Meeting</i>	Alamo Boardroom
1:30-4:30pm	<i>NIAC Meeting</i>	El Paseo A Room
2:30-3:30pm	<i>Joint User Forum and NIAC Meeting</i>	Alamo Boardroom
3:00-4:00pm	<i>ECO Committee Meeting</i>	El Paseo B Room