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Education and Community Outreach Committee

May 25, 2021 – *2:00 pm* Central Time via Zoom

https://utsa.zoom.us/j/9013659006

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1. **Attendance**
   Chad Kusko (*Lehigh University* – ATLSS), Kurtis Gurley (*University of Florida* – Powell Lab), Lindsay Carroll (*Oregon State University* – HWRL), Pedro Lomonaco (*Oregon State University* – HWRL), Scott Brandenburg (*UCLA* – DesignSafe), Erik Salna (*Florida International University* – Wall of Wind), Trevor Carey (*University of California* – Davis, CGM), Candace Evans (University of Colorado, Boulder – CONVERGE), Tricia Clayton (*University of Texas, Austin* – Mobile Shakers), Matt Schoettler (University of California, Berkeley – SimCenter), Laura Lowes (*University of Washington* – RAPID*)*, Karina Vielma (*University of Texas, San Antonio* – NHERI ECO), Robin Nelson (University of Texas, San Antonio – NHERI ECO)

2. **Approved of ECO Meeting Minutes (April 27, 2021)**

3. **ECO Updates**
   - REU
     - Important Dates & Information
     - Workshop Participation
     - Moodle
     - Mentors
     - Career Development Meetings
     - Remote Work Survey Results
   - Summer Institute
     - PheedLoop: Session sign-ups, Zoom links, content
   - NCO received its renewal!

4. **NHERI REU**

NHERI Important Dates:
   - Block 1, June 2 – August 10, 2021
     - NHERI REU Orientation, June 4th 11:00-2:00 pm Central
   - Block 2, June 14 – August 20, 2021
     - NHERI REU Orientation, June 15th 11:00-2:00 pm Central
   - Natural Hazards Research and Applications Workshop, July 11-14
   - Researcher's Meeting, July 15
   - DesignSafe Academy, July 26-28
   - NHERI REU Research Symposium at UTSA: August 9-10, 2021

Participation- We would like the REU students to have the opportunity to participate in two workshops over the summer if they can fit into your schedule. ***CONVERGE kindly is waiving the registration fee for all REU students to attend the Natural Hazards Workshop & Researcher's meeting. They have also extended the abstract deadline for poster submission to June 25th.***

1. [Natural Hazards Research & Application Workshop](#) (July 11-14 & 15)

   All REU Students are registered. The poster sessions will happen on Sunday, July 11th and Monday, July 12th. Students are also required to provide feedback to other posters and books. More details about this as we grow closer to the event. **Please let me know if there is a day/time they cannot participate July 11-14.**

2. [DesignSafe Academy](#) (July 26-28)

   a. Students will be introduced to the DesignSafe Academy during our orientation. There is a link in Moodle to register or just click athe title above. Students will be asked to seek permission from their mentors before registering online.

Moodle

ACTION ITEM: Please have everyone log on to Moodle (you may provide me names of individuals that need access, or they may create a new account on the login page). Please ask all NHERI mentors to upload their picture and a description. This will help build our online community and allow the REU participants to get to know mentors and PIs from all the NHERI sites. Please also notify me of any issues, changes, or additional users.

- **NHERI REU Moodle:** https://designsafe-ci.moodlecloud.com/login/index.php
- **Username:** institutional email address
- **Password:** REU2021! *(*It will ask you to set a new password the first time you log in).*

Mentors

ACTION ITEMS: Please send Karina the names and email addresses of your mentors so she may include them in the NHERI REU Mentor Training Program. *(UCSD, FIU, UT LMS, I have yours).*

REU Content

Career Development Meetings (Mondays)- Here are the suggested agendas for the Career Development Meetings that will take place during 5 Mondays of the REU program. Other suggestions are welcome.

#1: June 21st: Natural Hazards Research w/CONVERGE *(*Candance & Melissa will lead a portion of this; I am also looking for an Engineer)*
#2: June 28th: Research Presentation Preparation
#3: July 12th: Diversity, equity, and inclusion *(* I have asked Scott Brandenburg & Karina Vielma to lead this meeting)*
#4: July 19th: Career Development Panel *(*Who would like to participate in the Career Panel, or do you know of anyone I should reach out to?)*
#5 July 26th: Personal Statement/ LinkedIn

Remote Work Survey Results- Rosie shared the survey during one of the ECO meetings. It helped identify areas where the ECO and each site may support the REU participants. I will email the responses for your REU participants to you, but this is what I found:

We have 6 students that will be in-person, and they were permitted not to take the survey. Only 12 of 22 hybrid and virtual participants took the survey. Sixty-seven percent have Windows the other 33% have MacOS. All but one participant indicated that they had technology that would permit them to meet virtual. One participant indicated they didn't have a microphone. Eighty-three percent said they had strong enough bandwidth to meet virtually and perform necessary online tasks like download assignments, while 17% were unsure. Nine of

the twelve students have Slack accounts as well as a quiet place to work all the time. Three students indicated that sometimes they did not have a quiet place to work.

Most students indicated they could complete a full eight-hour day or more without interruptions. Only one student indicated they could only work 4 hours without interruption. Students were allowed to select all the times they would prefer to meet synchronously: 6 selected morning (8-11), 8 midday (12-2), 7 afternoon (3-6), and 2 evening (7-9) Central Time. When asked how often they would like to meet with their research group, 7 selected three times per week, and 5 selected daily. Finally, only one participant shared that they would sometimes need to watch their siblings. They also were quick to share that it would not interfere with their work.

I held three NHERI REU Meet & Greet Meetings May 5-7. One student did indicate he borrowed a student's tablet to complete his participant agreement and did not have WiFi when living off campus; however, he did not complete the virtual survey. The site has been notified, but it may be that students do not wish to share their struggle for a myriad of reasons. I did share with students in the PPT and on Zoom that we knew working remotely could pose challenges and we would be glad to help them work through any situation as well as the option for them to use the subsidy for necessary items.

5. NHERI Summer Institute

June 16-17, 2021, at UTSA and online. There will be 18 in-person and currently 92 virtual attendees at Summer Institute. Virtual participant registration is available online until June 11: https://bit.ly/NHERI_SummerInstituteRegistration. Please encourage those you know to register for our free virtual event.

All NHERI and NSF presenters will stream their sessions in PheedLoop using my UTSA Zoom account. Each presentation will be recorded and posted on PheedLoop along with additional on-demand content (i.e., videos, PPTs, research posters, schedule, etc.) for all registered virtual and in-person attendees. Finally, multiple NHERI Networking sessions or presentations will be held through-out the workshop for in-person and/or virtual attendees and each site must provide their own Zoom link(s) for these sessions.

NHERI Summer Institute Itinerary
Attached is the NHERI Summer Institute Itinerary or click the link above.

ACTION ITEM: *NHERI Summer Institute NHERI Site Representative Sign-up*
Attached is the NHERI Summer Institute NHERI Site Representative Sign-up or click the link above. The sign-up lists each time a representative from your site is needed and offers options for the different time slots. If you have not signed up, please take a moment to do so. Thank you to all the sites for providing the

ACTION ITEM: Please sign-in to the PheedLoop portal and update your image, bio, title, session information, etc. as necessary.

ACTION ITEM: Please watch (till 8:29) PheedLoop video on how to begin a session using Zoom in PheedLoop (https://support.pheedloop.com/article/470-setting-up-zoom-meetings-and-webinars-for-session-streaming)

6. DesignSafe ECO Broader Impacts Presentation

7. New Business

Any additional new business?

Next NHERI ECO Committee Meeting, June 17th 4:00-5:00pm.

8. Adjourn

NHERI Summer Institute Day 1
Wednesday, June 16, 2021

Time	Description	Location
7:30am-9:00am	**Registration** *Please virtually sign in and complete your COVID-19 symptom check before breakfast at Bit.ly/NHERISummerInstitute_Check-In.*	UTSA Downtown Campus, Durango Building – Virtual
8:00am-9:00am	**Breakfast**	La Villita room
9:00am-10:00am	***Welcome & NHERI Overview** ***Presenter:*** *JoAnn Browning* *Dean, College of Engineering, University of Texas at San Antonio* *Following a welcome by the NCO-ECO lead, participants will learn about the NHERI network, receive an overview of the Summer Institute objectives, and meet each other and their collaborative research group.*	La Villita room
10:00am-11:00am	***NHERI Site Introduction & Panel** ***Presenters:*** *NHERI Site Representatives* *Attendees will watch NHERI site videos followed by a panel of NHERI site representatives that address virtual questions posed in chat during the introduction and from the Institute pre-assessment.*	La Villita room
10:45am-11:00am	**NHERI Networking Break**	La Villita room
11:00am-12:00pm	***NHERI Science Plan Overview & Discussion** ***Presenter:*** *Billy Edge* *Professor Emeritus, Texas A&M University* *Attendees will participate in an introduction, overview, and discussion of the NHERI Science Plan to address pressing research needs for the natural hazards' community.*	La Villita room
12:00pm-1:00pm	**Networking Lunch & Working Groups**	La Villita room
1:00pm-2:15pm	***Grant Writing Workshop – Research 101** ***Presenter:*** *Joy M. Pauschke* *Program Director, National Science Foundation* *Attendees meet with NSF Program Director to discuss the research merit, overview of research activities and resources, and broader impacts.*	La Villita room
2:15pm-2:30pm	**Networking Break & Working Groups**	La Villita room
2:30pm-3:30pm	***Interdisciplinary NSF CAREER Awardee Panel** ***Moderated by:*** *Karina Vielma* *Assistant Professor of Engineering Education, UTSA* ***Presenters****: Jennifer Bridge, the University of Florida, Arindam Chowdhury, Florida International University, Teja Guda, the*	

	University of Texas at San Antonio, Gabriela Romero Uribe, the University of Texas at San Antonio, and Elaina Sutley, the University of Kansas.	
3:30pm-5:30pm *In-person*-Proposal Writing & NHERI Networking *Online*-NHERI Networking	**Collaborative Proposal Writing Groups & NHERI Networking** *Attendees will collaboratively design a research proposal that incorporates NHERI experimental facilities (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.*	La Villita, Riverwalk B, El Paseo A, El Paseo B, Mercado, Alamo
6:00pm-7:00pm	***User Forum Networking Event** **Presenter:** *Stephanie Smallegan* *User Forum Chair, University of Southern Alabama* *Attendees will learn about the User Forum and have opportunities to network. Appetizers will be provided.*	Mi Tierra

NHERI Summer Institute Day 2
Thursday, June 17, 2021

Time	Description	Location
7:30am-8:30am	**Registration** *Please virtually sign in and complete your COVID-19 symptom check before breakfast at Bit.ly/NHERISummerInstitute_Registration.*	UTSA Downtown Campus, Durango Building – Virtual
8:00am-8:30am	**Breakfast**	La Villita room
8:30am-9:30am	***Broader Impacts Design** **Presenters:** *Karina I. Vielma & Robin Nelson* *Educational Specialist, University of Texas at San Antonio* *Participants will learn to include broader impacts that address diversity, equity, and inclusion within a grant proposal and creatively link the proposed research with a meaningful outreach initiative.*	La Villita room
9:30-10:45am *In-person*-Proposal Writing & NHERI Networking *Online*-NHERI Networking	**Proposal Working Meetings & NHERI Networking** *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.*	Riverwalk B, El Paseo A, El Paseo B, Mercado, Alamo
10:45am-12:30pm	**Proposal Presentations**	La Villita room
12:30pm-1:15pm	**Networking Lunch**	La Villita room
1:15pm-1:45pm	**Awards, Reflection, and Concluding Remarks**	La Villita room

* Presentations will be streamed live for virtual attendees and posted on PheedLoop for on-demand viewing after the event.

Day	Time (Central Time)	Event Description	Representative
June 16	10:00-11:00 am	NHERI Site Video Introduction, Panel Q&A	**FIU** – Arindam Chowdhury, Steve Diaz
			Lehigh- Jim Ricles & Liang Cao
			OSU – Pedro Lomonaco & Lindsay Carroll
			SimCenter
			Davis
			UCSD; Lelli Van Den Einde & Koorosh Lotfizadeh.
			CONVERGE: Lori Peek
			UF Gurley/Bridge
			UT LMS – Tricia Clayton
			DesignSafe – Tim Cockerill
			UW
	12:00-1:00pm	All attendee Networking (Sign-up) ==This can be an hour-long or two 30-minute group presentation(s), or four 15-minute private meetings.== ==Please let me know your site's preference.==	**FIU** -- Arindam Chowdhury, Steve Diaz https://fiu.zoom.us/j/94381807586?pwd=cGRoWTFZRW1PU1NieFNPSG9BM01QQT09
			Lehigh- Jim Ricles & Liang Cao (2 thirty-minute group) presentations)
			OSU - Pedro Lomonaco & Lindsay Carroll https://oregonstate.zoom.us/j/95651802096?pwd=cTMrWG45SmdER1RQNUJFaDRKMnAwUT09
			SimCenter
			Davis
			UCSD: Koorosh Lotfizadeh (preference: 4 15-minute private meetings) (https://ucsd.zoom.us/j/98751509544)
			CONVERGE: (Preference = 4 15-minute private meetings): Rachel Adams https://cuboulder.zoom.us/j/5349784171
			UF Gurley/Bridge 4-15 minute meetings https://ufl.zoom.us/j/98630019619
			UT LMS: (Preference = 4 15-minute private meetings): Tricia Clayton
			DesignSafe – Tim Cockerill (Two 30-minute group meetings) (https://utexas.zoom.us/j/94257987032?pwd=OEQySVhSQmcxV2pFaWhtNDI5YWNRUT09)
			UW (Two 30-minute group meetings)
	2:15-2:30pm	In-person Networking (Sign-up) ==One 15 min. Private meeting==	**FIU** -- Arindam Chowdhury, Steve Diaz https://fiu.zoom.us/j/94381807586?pwd=cGRoWTFZRW1PU1NieFNPSG9BM01QQT09
			Lehigh- Liang Cao
			OSU - https://oregonstate.zoom.us/j/96154920681?pwd=STcyUjhsY3VVSWRtYVBseDR4ZThWZz09
			SimCenter

			Davis
			UCSD: Koorosh Lotfizadeh (https://ucsd.zoom.us/j/98751509544)
			CONVERGE: Rachel Adams https://cuboulder.zoom.us/j/5349784171
			UF Gurley/ Bridge https://ufl.zoom.us/j/98630019619
			UT LMS
			DesignSafe:
			UW
	3:30-4:30pm	All attendee Networking (Sign-up) Four 15-minute private meetings	**FIU** -- Arindam Chowdhury, Steve Diaz https://fiu.zoom.us/j/94381807586?pwd=cGRoWTFZRW1PU1NieFNPSG9BM01QQT09
			Lehigh (Liang Cao- 4 15 minute private meetings)
			OSU - https://oregonstate.zoom.us/j/97625574372?pwd=aTZQODdnZG1jT2pheHo0UUh3VWxDZz09 https://oregonstate.zoom.us/j/97944135162?pwd=ZUR4bFlML3dwTjhESTFyb3NyZ3ZHZz09 https://oregonstate.zoom.us/j/96608282007?pwd=djlmb2FNclRveHBKZkluczhFeUNiUT09 https://oregonstate.zoom.us/j/98495581274?pwd=ZXhKTjVZTVdlcHNtWXFTWWo2VmxiZz09
			SimCenter
			Davis
			UCSD: Koorosh Lotfizadeh (https://ucsd.zoom.us/j/98751509544)
	4:30-5:30	All Attendee Networking (Sign-up) Four 15-minute private meetings	**CONVERGE: Rachel Adams** https://cuboulder.zoom.us/j/5349784171
			UF Gurley/Bridge https://ufl.zoom.us/j/98630019619
			UT LMS
			DesignSafe – Tim Cockerill (https://utexas.zoom.us/j/94257987032?pwd=OEQySVhSQmcxV2pFaWhtNDI5YWNRUT09)
			UW
June 17	9:30-10:00 am	All attendee Networking (Sign-up) Two 15-minute private meetings	**FIU** -- Arindam Chowdhury, Steve Diaz https://fiu.zoom.us/j/94381807586?pwd=cGRoWTFZRW1PU1NieFNPSG9BM01QQT09
			Lehigh
			OSU - https://oregonstate.zoom.us/j/96266748260?pwd=RWpOTldMQ3cvcVlqUnhlOE82Rmk3Zz09 https://oregonstate.zoom.us/j/94484444502?pwd=ZCtnSHpYOE8yQm95bnhVeUpQTElsQT09
			SimCenter
			Davis
			UCSD: Koorosh Lotfizadeh (https://ucsd.zoom.us/j/98751509544)
			CONVERGE: Candace Evans https://cuboulder.zoom.us/j/3012253511

	10:00-10:30 am	All attendee Networking (Sign-up) Two 15-minute private meetings	**UF** Gurley/Bridge https://ufl.zoom.us/j/98630019619
			UT LMS: Tricia Clayton
			DesignSafe – Tim Cockerill (https://utexas.zoom.us/j/94257987032?pwd=OEQySVhSQmcxV2pFaWhtNDI5YWNRUT09)
			UW
	12:30-1:15pm	All attendee Networking (Sign-up) 45 min. Presentation/ Q&A	**FIU** -- Arindam Chowdhury, Steve Diaz https://fiu.zoom.us/j/94381807586?pwd=cGRoWTFZRW1PU1NieFNPSG9BM01QQT09
			Lehigh (Liang Cao)
			OSU - https://oregonstate.zoom.us/j/95965149383?pwd=ZDhTeXNtcE9MeXVkT1NBTWd6QXJlZz09
			SimCenter
			Davis
			UCSD: Koorosh Lotfizadeh (https://ucsd.zoom.us/j/98751509544)
			CONVERGE: Candace Evans
			UF Gurley/Bridge https://ufl.zoom.us/j/98630019619
			UT LMS
			DesignSafe – Tim Cockerill (https://utexas.zoom.us/j/94257987032?pwd=OEQySVhSQmcxV2pFaWhtNDI5YWNRUT09)
			UW