

## Education and Community Outreach Committee December 14, 2022 – 3:00 pm via Zoom

**1. Attendance** Pedro Lomonaco (*Oregon State University—HWRL*), Lindsay Carroll (*Oregon State University—HWRL*), Laura Lowes (*University of Washington—RAPID Facility*), Matt Schoettler (*University of California, Berkeley—SimCenter*), Lelli Van Den Einde (*University of California, San Diego—LHPOST6*), Melissa Villarreal (*University of Colorado Boulder—CONVERGE*), Stephanie Paal (*Texas A&M University — User Forum*), Klarissa Alarcon (*University of California, Davis —CGM*), Chad Kusko (*Lehigh University — RTMD*), Kurt Gurley (*University of Florida — BLWT*), Eric Salna (*Florida International University—Wall of Wind*), Krishna Kumar (*University of Texas at Austin — TACC*), Karina Vielma (*University of Texas at San Antonio—NCO*), Robin Nelson (*University of Texas at San Antonio—NCO*)

### 2. ECO Updates

- CI Compass, the NSF Cyberinfrastructure (CI) Center of Excellence that provides CI expertise and support to NSF Major Facilities asked . . .
  - If the undergraduates who participate in their research preparation program in Spring 2023 can participate in the NHERI REU Summer Program?
  - If there are mentors at your facility that would be willing to hire a student trained in research to work on their research project this summer?
- We will be posting the NHERI REU Summer Program on NSF's ETAP website before January 1, 2022.
- Have any NHERI news stories for NCO Communications? Please contact [Marti](#) or [Cheryl Ann](#).

### 3. NHERI REU Summer Program

#### *Important 2023 Date Considerations*

- **Block 1:** June 5 – August 11
- **Block 2:** June 20 – August 24
- **NHERI REU Research Symposium:** August 10-11 in Corvallis, OR.
- **Application deadline:** Friday, February 10, 2023.

#### **Report—**

- 8 completed applications; 78 started applications, 55 views (141)
- *November:* 123 views; 17 registered; 11 attended
- *December:* 102 views; 11 registered; report number attended on Wednesday
- Upcoming events: *January 24<sup>th</sup>*
- Register for any virtual event: [https://bit.ly/2023NHERI\\_REU\\_VirtualRecruitmentEvents](https://bit.ly/2023NHERI_REU_VirtualRecruitmentEvents)

#### **Questions—**

- *Would you be willing to go to an 8-week REU format in 2023?*
- We debated the benefits and possible challenges of moving to an 8-week REU format. While the 8-week format would stretch housing subsidy. Further, if we move to a one block system it would not eliminate conflicts with university housing availability. It would also help us meet the newest NSF pay rate of \$600 per week per student, but all sites would have to have projects ready to launch June 5. We might be able to do this by Including mentors in Meet & Greet (last two weeks of April) to get to know student and identify project by June 5. We all agree that a one block system would be beneficial for Block II students, but the question is still would the 8-week format rushing learning and research such that it would impact the participant's experience.
- OSU has agreed to host NHERI REU Research Symposium on a different date if necessary.
- We received the go ahead at the NCO meeting on Friday, December 16 to submit a supplemental funding request to NSF to increase REU stipend from \$500 to \$600. We would keep the 10-week format if we

*The table below shows the COL and the flight cost to travel to from Eugene, Oregon, for the NHERI REU Research Symposium.*

University	City, State	Cost of Living Percentages	Ranking 10 highest CoL	Total REU housing bonus	Travel to Eugene, OR
Lehigh	Bethlehem, PA	+6.7%, 6%, -3.6%, +4.2%	2 (+3.32%)	332	\$615

FIU	Miami, FL	+11.6, +17%, +23.1%, +22.4%	5 (+18.52%)	185	\$587
UF	Gainesville, FL	-6.6%, +2%, -9.5%, -10%	1 (-6.02%)	-602	\$623
UT Austin	Austin, TX	+2.3%, +1.1%, +30.2%, +29.4%	4 (+15.7%)	157	\$588
UC Boulder	Boulder, CO	+28.9%, 5%, 68.6%, +67.6%	7 (+42.52)	425	\$536
UC Berkeley	Berkeley, CA	+56.8%, +82%, +139.7%, 138.3%	10 (+104.2%)	1040	\$788 (San Francisco)
UC Davis	Davis, CA	+7.4%, +54.9%, ?, +54.0%	6 (+38.76%)	387	\$800
UC San Diego	San Diego, CA	+35.0%, +47%, 61.4%, +60.4%	8 (+50.95%)	509	\$548
OSU	Corvallis, OR	+2.3%, ?, +8.9%, +9.1%	3 (+6.76%)	67	\$0
UW	Seattle, WA	+35.7%, +53%, +68.8%, 67.8%	9 (+56.32%)	563	\$378

#### 4. NHERI Summer Institute

##### *Important 2023 Date Considerations*

- **Summer Institute: June 21-23, 2023**
- **Application deadline: Friday, February 24, 2023.**

##### **Report—**

- 29 completed applications; 32 started applications
- 41 early-career faculty; 2 professional engineers or staff; 10 NHERI GSC members; 9 graduate students; 1 other
- Please share the NHERI Summer Institute flyer with those early-career faculty who you believe would benefit.

##### **Questions—**

- *What ideas do you have for the site session during the NHERI Summer Institute in 2023?*
  - *Moving forward we will add the additional time from the research panel in 2022 to the NHERI sites to have additional time to share with participants based on the feedback from 2022 participants and ECO Committee*
- **ACTION ITEM: Who will be your site representative at the Summer Institute? Please share by ECO's January meeting.**

#### 5. NHERI Graduate Student Council

##### *Important Dates*

- **Executive Committee, 12/2, 11:00 am CT**
- **General Meeting & Holiday Social, 12/16, 11:00 am CT**
- **NHERI GSC & SimCenter's Research Tools Workshop Part III, 1/13, 11:00 am CT**

##### **Report—**

- SimCenter & DesignSafe are working with NHERI GSC to host research tools workshops second Friday of each month at 11:00
- Please share with registration with graduate students: [https://bit.ly/NHERI\\_GSCSimCenterWorkshopSeries](https://bit.ly/NHERI_GSCSimCenterWorkshopSeries)
- **January 13 - Developing and Benchmarking Fragility and Consequence Functions**, Adam Zsarnoczay, Research Engineer, Stanford University
- **February 10 - Simulation of Regional Hurricane Impact using SimCenter Tools**, Stevan Gavrilovic, Postdoctoral Scholar, UC Berkeley (gavrilovic@berkeley.edu)

- **March 10 - Data Integration Using Relational Databases and Application Programming Interfaces**, Scott Brandenburg, Professor, UCLA (sjbrandenberg@g.ucla.edu)

## 6. New Business

- *Please take a moment to share your availability for the next NHERI ECO Committee Meeting:*  
<http://whenisgood.net/nkz9gk>.