

**Education and Community Outreach Committee**  
**February 23, 2023 – 1:00 pm Central Time via Zoom**  
<https://utsa.zoom.us/j/9013659006>

**Attendance** Lindsay Carroll (*Oregon State University—HWRL*), Pedro Lomonaco (*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*), Stephanie Paal (*Texas A&M University—User Forum*), Tricia Clayton (*Wake Forest University—UT Mobile Shakers*), Klarissa Alarcon (*University of California, Davis—CGM*), Sheikh Sharif Ahmed (*University of California, Davis—CGM*), Kurt Gurley (*University of Florida—BLWT*), Eric Salna (*Florida International University—Wall of Wind*), Melissa Villareal (*University of Colorado Boulder—CONVERGE*), Candace Evans (*Oregon State University—HWRL*), Rosie Gomez (*University of Texas at Austin—TACC*), Scott Brandenburg (*University of California Los Angeles—DesignSafe*), Karina Vielma (*University of Texas at San Antonio—NCO*), Robin Nelson (*University of Texas at San Antonio—NCO*)

1. Amended January ECO Meeting Minute attendance.

2. **ECO Updates**

- The NHERI REU deadline was extended to February 24. The Summer Institute application will also close on February 24. Thank you for sharing the REU with individual students. This makes a huge impact on the likelihood that they will complete their application.

3. **Diversity Survey**

- Thank you for those who provided feedback on the diversity surveys. Most suggested that we should leave the current questions as is. One suggestion was to define and clarify what we mean by first-generation (first in family to earn a 4-year degree), and we agree to do so. Suggested additional questions to include focus on disability, sexuality, employment/income (or income level growing up, parent's educational level, religion, international status, and age). It was suggested that we keep the survey as it is, since we piloted it last year with UF. We will use the same survey this year with minor changes. The site who suggested the additions may choose to pilot the suggested changes for the entire network before we include the additional questions in the facilities diversity surveys in the future.
- **ACTION ITEM: Please email Robin a list of employees (first name, last name, and email address) who are paid with NSF for NHERI at your facility by March 17. This list will be combined with all other facilities and used as the contacts list to send out the Facilities Diversity Survey.**

4. **Holistic Review- Rosie Gomez**

- Holistic review is a “selection processes that take[s] into consideration applicants’ experiences, attributes, and academic metrics as well as the value an applicant would contribute” to the research project and site ([Association of American Medical Colleges](#)).
- As we begin the process of reviewing the NHERI REU and Summer Institute applications, please use holistic review rubrics to reduce bias. Holistic review is a “selection processes that take[s] into consideration applicants’ experiences, attributes, and academic metrics as well as the value an applicant would contribute” to the research project and site ([Association of American Medical Colleges](#)). Research suggests you should use a rubric and consider the following:
  - **Diversity:** Please consider the diversity measures highlighted green on your selection spreadsheets (URG (race/ethnicity and gender), veterans, universities not classified as a research university, first-generation in their family to work toward 4-year degree) as well as parental income.
  - **Academic preparation:** Please consider courses, content within essays, letter of recommendation, and finally then GPA.
  - **Scholarly potential:** Please consider content of essays, letters of recommendation, additional uploaded content.
  - **Student-Program alignment:** Please consider the essay questions, skills possessed, and skills desired.

- **Emotional-Social competencies:** Please consider the content of the essays along with skills.
- **Circumstances that contextualize academic achievement:** Consider the complete student experience and how this experience influenced achievement.
- Thank you, Rosie for sharing such wonderful insight into the importance of considering student's background, culture, and lived experience.
- The selection spreadsheets will highlight participants in green who are considered Underrepresented Groups in Engineering, first-generation in their family to attend 4-year university or attend a university that is not considered R1 or R2.

## 5. NHERI REU Summer Program

### Important 2023 Dates

- **Block 1:** August 5 – August 11
- **Selected Block 2:** June 20 – August 24
- **NHERI REU Research Symposium:** August 10-11 hosted by OSU.
- **Application deadline:** Friday, February 24, 2023

### Report—

- 91 completed applications; 69 in progress, 159 views (319)
- **January:** 164 views, 28 registered, 21 attended.
- 14 applications from NSF ETAP
- Thank you so much for reaching out to individual students and encouraging them to apply. This makes all the difference!

### Questions—

- What do you expect the turnaround time will be to select your 3 REU students? Based on responses March 10 was set as the deadline for the first round of REU participant selections. Please let me know if you need additional time.

## 6. NHERI Summer Institute

### Important 2023 Dates

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

### Report—

- 78 completed applications; 44 in progress; 52 opened (163)
- 41 virtual registrations; in-person registration is now open for self-funded attendees: [https://bit.ly/2023NHERISI\\_Registration](https://bit.ly/2023NHERISI_Registration)
- Complete applicants break down: 44 early-career faculty; 2 professional engineers or staff; 33 NHERI GSC members; 13 graduate students.
- We will send a Qualtrics link via email to all presenters for the NHERI Summer Institute as soon as we finalize the excursion.
- Excursion, Thursday, June 22 in the afternoon: private tour of Mission San Jose 4:00-5:00 pm; Alamo 4:45-5:45; Tower of Americas; other ideas?

### Questions—

- What do you expect the turnaround time will be to rank both groups for the NHERI Summer Institute?
  - Group#1 (rank 20): early-career faculty, academic staff, industry partners, and graduate students
  - Group#2 (rank 10): NHERI GSC members?
  - Please select REU participants before ranking Summer Institute participants. This year there will be two separate rankings; one for early career faculty (this includes assistant professors, academic researchers, graduate students not in NHERI GSC and industry partners); one for NHERI GSC members. Please select and rank your top 20 early career faculty on sheet one and select and rank top 10 NHERI GSC members on sheet two of the selection spreadsheet.

## 7. NHERI Graduate Student Council

### Important Dates

- **DEI CONVERGE Training Module Workshop, 2/24, 11:00 am CT.**
- **Executive Committee, 3/3, 11:00 am CT**
- **Vice-President run-off, Vice-Secretary election 3/3**

- *Part V of Research Tool Workshop Series, 3/10, 11:00 am CT*
- *General Meeting, 3/17, 11:00 am CT*
- *NHERI GSC Mini-Conference, 5/26 (Submissions due 3/24)*

**Report—**

- SimCenter worked with NHERI GSC to host research tools workshops on the second Friday of each month at 11:00 beginning in November. There are two remaining workshops.
  - **March 10 - Data Integration Using Relational Databases and Application Programming Interfaces (presentation)** Scott Brandenburg, Professor, UCLA
  - **\*TBD - Data Integration Using Relational Databases and Application Programming Interfaces (interactive workshop)** Scott Brandenburg, Professor, UCLA (April 7?)
- NHERI GSC is also hosting the NHERI GSC Mini-Conference on May 26, 2023. Friday, February 24<sup>th</sup> is the last day to submit an abstract for poster, presentation, or panel.  
You may submit here: <https://bit.ly/SubmitNHERIGSC2023Mini>.

**8. New Business**

- Any new business?
- *Please take a moment to share your availability for the next NHERI ECO Committee Meeting:*  
<http://whenisgood.net/5e5zdnj>.

**9. Adjourn**