

## CNMS UEC Agenda – Wednesday, February 23, 2022

1:00PM Eastern Time

**Participants** (attendees in blue)

**Chair** – Shengxi Huang (Penn State)

**Vice-Chair** – Zach Hood (Argonne Natl Lab)

**Secretary** – Masoud Mahjouri-Samani (Auburn U.)

**At-Large Members:**

Tatiana Allen (U. Tennessee-Chattanooga); Liam Collins (ORNL.); Piran Kidambi (Vanderbilt U.);

Michael Naguib (Tulane U.); Ethan Self (ORNL); Peter Moeck (ORNL)

**Industrial Liaison Member:** Jacob Swett (Recognition AnalytiX)

**Past Chair, ex officio member** – Josh Agar (Lehigh U.)

**CNMS (non-members)** – Brad Lokitz, Sandy Lowe, Tracy Whitaker, Karren More, Bobby Sumpter

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**Welcome and Introductions (Brad, Zach)**

**CNMS and ORNL operations update: (Brad)**

- CNMS is welcoming users back onsite and ramping up to “normal” operations
- The CNMS is installing a new e-beam lithography tool
- 3D tour of the advanced microscopy lab

**Recent staff news:**

- Juan Carlos Idrobo: joining U. Washington as an associate professor (left beginning of February)
  - Andy Lupini is the acting group leader for the S/TEM group
- **Sergei Kalinin:** joining Amazon as a principal scientist and then joining UTK as a professor; he will leave ORNL at the beginning of March
  - Bobby Sumpter is the acting group leader for Sergei’s group
- Neus Domingo is a new group leader for the Functional Atomic Force Microscopy group

**CNMS UEC recommendations update (Brad)**

- The report was submitted on 12/6/21 to Brad and Sandy
- A response letter will be drafted and shared with the CNMS UEC in the coming month

**CNMS UEC DEI Subcommittee update (Zach)**

- Volunteers: Josh, Zach, Ethan, Shengxi, and Tracy
- The subcommittee had a meeting on 1/31/22 to discuss DEI and establish DEI-related goals for the CNMS UEC
- The subcommittee met with Ja’Wanda Grant who gave helpful tips related to DEI
- Summer programs are a focus area to address Diversity
- ORNL strives to provide equity in how participants access the programs

**Inclusion involves multiple components:**

- Inclusion of well being
- Inclusion in a project and in the long term (seminar series for SULI and CCI);
- University engagement – engagement with faculty and outreach/recruitment

**Setting goals is imperative to DEI**

- Set practices and models
- Need to define resources
- Each goal requires a customized assessment

**Keep in mind there are core liaisons at universities**

- HBCUs, Pacific Islander, Hispanic-serving institutions, Etc.

**The subcommittee discussed ideas and defined goals of what the CNMS can do to address DEI**

- The CNMS UEC DEI subcommittee defined two specific goals for this calendar year:
- The CNMS UEC will strive to establish baseline diversity-related metrics of the CNMS User Group (see more information below)
- The CNMS UEC will also address DEI at the annual user meetings by assessing the diversity of the attendees, invited speakers, and plenary talks. In line with this goal, the CNMS UEC will integrate a DEI-focused track session at the user meeting in 2022 (see more information below)

**Establishing baseline metrics (Goal 1) will be based on the following:**

- Gender, Ethnicity, Institution, Acceptance rate of proposals
- How many proposals are submitted/approved from each category (gender, ethnicity, and institution)

**User Meeting (Goal 2):**

- CNMS collect diversity-related metrics of the attendees and speakers at the annual user meeting
- We will also invite speakers from minority-serving institutions
- What can the CNMS offer at the user meeting (or during the calendar year)?
- Educate possible users on the CNMS
- Teach possible users how to assemble a competitive user proposal

**DEI track session**

- Dedicate a specific track session to DEI
- We can integrate a workshop with invited speakers from minority-serving institutions

**Possible idea: have a plenary talk specifically related to DEI**

- The talk can possibly integrate science and DEI
- A possible speaker was discussed
- The talk could also integrate an unconscious bias component

**Additional ideas:**

- The CNMS could have a webinar related to how one can best access the CNMS, how to write a competitive profile, and highlight work from a researcher from a minority-serving institution

**CNMS User Meeting (Zach)**

- Subcommittee: Zach, Liam, Shengxi, Michael, Josh, Masoud, Ethan, Tatiana
- Tentatively set for August 8-12th
- Brad and Sandy signed up for Whova (received a special discount)
- We will most likely have an online User Meeting this year
- Brad and Sandy will poll the CNMS staff for their suggestions for invited and plenary speakers (submission closed in early February)
- We received 8 responses with multiple submissions
- Brad will share a Dropbox

**Action item:**

- Set a meeting for the subcommittee to meet in the coming month

**Webinars and Newsletter (Brad)**

- CNMS is working on both items
- The newsletter is nearly complete
- Liam has volunteered to do a webinar

**Suggestion box**

- One COVID-related comment/opinion
- One nanomaterial-related comment/opinion

**New business (Brad, Sandy)**

- Jacob Swett: discussion about putting resources/procedures online (especially resources from the cleanroom); Brad is collecting information internally at the CNMS. Our committee will discuss more regarding this point at our next monthly meeting.
- Brad was invited to be a speaker at an NSF-funded workshop: Supporting Minority-serving Institutions in the Creation of a Diverse, Quantum-Ready Workforce (the workshop is scheduled for April); Brad plans to assemble a proposal for DEI initiatives

***Adjourned: 1:34pm EST***

Next Conference Call: March 23, 2022, 1:00pm Eastern Time