

# Cyberinfrastructure Training: Challenges and Opportunities

**Panel Facilitator: Kerk Kee, Ph.D.**

Senior Personnel, CI Compass

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# Panel Description and Agenda

## Panel Description

- Cyberinfrastructure (CI) training for major facility users, scientists, students and CI professionals is a fundamental element, not only for workforce development, but also for effective use and development of CI in scientific facilities. Although there are some existing efforts toward providing CI training within the facilities and in the broader CI community, significant gaps remain. The CI training panel will address specific CI training challenges for CI professionals within large-scale data cyberinfrastructures, for users who want to effectively use the CI for scientific research, and for teaching and inspiring the next generation of students. Panelists will present their unique perspectives on CI training, existing training programs within their facilities and projects, current and future challenges in CI training, and their current and future plans to address those challenges. The panel presentations will be followed by discussions with the community on challenges and path forward for CI training issues

## Agenda

- 10:30 AM - 12 PM MT
- Each panelist will have 12-15 minutes to present, followed by a question and answer session for all presenters.

# Panelists and Guiding Questions

## Panelists

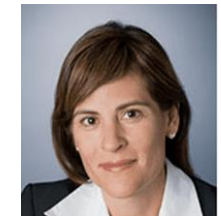
- Brian Dobbins, National Center for Atmospheric Research (NCAR)
- Dan Stanzione, Texas Advanced Computing Center (TACC)
- Ana Hunsinger, Internet2 and MS-CC co-chair
- Margaret Levenstein, Research Data Ecosystem (RDE)



Brian  
Dobbins



Dan  
Stanzione



Ana  
Hunsinger



Margaret  
Levenstein

## Guiding Questions

- What is one CI training effort or program in your facility/project that you want to share with the broader community?
- What is one significant CI training challenge you face within your facility/project?
- What are the specific challenges for training for CI professionals within your facility/project?
- How does your facility/project support or encourage training for students - including summer programs, internship opportunities, capstones, student-focused workshops, student visits, mentoring etc.?
- What are some current and future efforts planned to address CI training challenges?

# Questions?

Thank you!!