2023 ADVANCE Award Symposium

Technology Tools for Advancing Equity
Artificial Intelligence, Accessibility, and Minimizing Misinformation

Saturday, April 22 • 9am–4pm

University of California, Davis • Teaching & Learning Complex, Room 1010

The ADVANCE Award Symposium celebrates the contributions made by three ADVANCE awardees, and presents an opportunity for the UC Davis community to join together around the awardees' research and commitment to mentoring, social impact and public outreach. In this event we will discuss technologies to improve accessibility, algorithms that prevent bias and how to involve community partners to empower marginalized groups. There will be three plenary talks, a poster session and ample time for discussion. We hope you will join us!

The ADVANCE Award is available for mid-career and senior UC Davis faculty who advance diverse perspectives and gender equity in STEMM through their teaching, research and service. Find details below about the Advance awardees who will be featured in this event.

Attendance is free and open to everyone. Registration is required since attendance is limited to 150 participants. Visit **our webpage** to learn more.

The registration deadline is April 19, 2023.

Undergraduates, graduate students, and postdocs involved in computational STEMM science research are encouraged to submit an abstract for a poster presentation. Please visit the registration page for details.

AWARDEES AND SPEAKERS

Dean Tantillo
Chemistry
NO ONE ACTUALLY NEEDS TO SEE MOLECULES — COMPUTATIONAL CHEMISTRY FOR THE BLIND AND VISUAL IMPAIRED

Miriam A. Nuño
Public Health Sciences
THE MATH OF SOCIAL CHANGE: TRANSFORMING HEALTH EQUITY AND SOCIAL JUSTICE

Jesús A. De Loera
Mathematics
WHEN IS YOUR DATA SUFFICIENT? LET GEOMETRY HELP YOU DECIDE!

ORGANIZING COMMITTEE

Mariel Vazquez
Mathematics and Microbiology & Molecular Genetics, Director of the Center for the Advancement of Multicultural Perspectives on Science (CAMPOS)

Naoki Saito
Mathematics, Director of the UC Davis TETRAPODS Institute of Data Science (UCD4IDS)

C. Titus Brown
Population Health and Reproduction, School of Veterinary Medicine; DataLab Faculty Director for Community Initiatives

Linda Bisson
Viticulture and Enology, College of Agricultural and Environmental Sciences, former ADVANCE Faculty Director

SPONSORS

UC Davis Office of Diversity, Equity and Inclusion (DEI)

UC Davis Center for the Advancement of Multicultural Perspectives on Science (CAMPOS)

UC Davis TETRAPODS Institute of Data Science (UCD4IDS) and the NSF Harnessing the Data Revolution (HDR): Transdisciplinary Research In Principles Of Data Science (TRIPODS) Phase I grant: CCF-1934568

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