



COMPUTER
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UC San Diego
JACOBS SCHOOL OF ENGINEERING

AROUND CSE

News and highlights from your
Computer Science and Engineering Department
at the University of California San Diego

VOLUME 7 | February 2025

CSE NEWS



LIZ IZHIKEVICH
B.S. '17, M.S. '18

Alumna Liz Izhikevich Is One of Forbes 30 Under 30 in Science

Liz Izhikevich (B.S. '17, M.S. '18) has earned a spot on the 2025 Forbes list by redefining how researchers detect security threats on the internet – both on the ground and in space – and by improving video streaming for over a million satellite broadband users. [Read More](#)



RYAN KASTNER

CSE's Ryan Kastner Earns Mentoring Award for Advising Undergraduates

Professor Ryan Kastner was recognized by the Computing Research Association (CRA) for his exceptional mentorship to undergraduates. The co-director of the Engineers for Exploration program has mentored more than 1,000 undergraduates in his career. [Read More](#)



GenAI Summit: Covering All of AI

Better simulations to understand how viruses work.
Better ways to model and predict climate change.
Better robots that can navigate the real world.

On February 20 and 21, researchers from across the university along with students and industry leaders gathered at UC San Diego to explore the promise of generative artificial intelligence (AI). The sessions considered GenAI from four vantage points: Frontier, Science, Society, and Creativity. Panel discussions, a fireside chat and poster presentations were all part of the event that was organized by CSE faculty members **Rose Yu** and **Taylor Berg-Kirkpatrick**.

UC San Diego Chancellor Pradeep K. Khosla, Dean of the Jacobs School and Special Adviser to the Chancellor Albert P. Pisano, and Department Chair **Sorin Lerner** opened the event. Faculty presenters – including CSE's Assistant Professor **Earlence Fernandes**, Professor **Mikhail Belkin**, and Associate Professor **Hao Su** – were joined by speakers from Meta, Google DeepMind, Service Now, and Qualcomm along with several graduate researchers. [Read More](#)

NOTEWORTHY



Associate Teaching Professor [Niema Moshiri](#) was featured in a [Bloomberg article](#), acknowledging the grassroots efforts of scientists to back up crucial US Health datasets before they are deleted in compliance with President Trump's executive orders.



Shlomo Dubnov, a professor in music affiliated with CSE, received runner-up at the AI Music Competition 2nd Workshop on AI Music Generation of the 2024 IEEE International Conference on Big Data.



Professor **Nadir Weibel** has been awarded funds by UC San Diego's Accelerating Innovation to Market (AIM) program for his revolutionary Augmented Reality tool designed to expedite and improve methods for diagnosing strokes. [Read More](#)



On behalf of CSE's faculty, students, and staff, congratulations and a heartfelt thank you to **Jennifer Folkestad** for your 15 Year Service Milestone and **Nataly Barr** for your 10 Year Service Milestone with our department.

CSE EVENTS



**Jacobs School of Engineering
[Research Expo](#)**

April 30, 2025

[CNS Research Review](#)

May 8-9, 2025



CSE and Bioengineering Career & Networking Fair

CSE joined forces with the Department of Bioengineering to host an in-person career and networking event tailored for CSE and Bioengineering students in both undergrad and graduate programs. Nearly 400 attendees braved the drizzly weather.

Workshops started with the basics, such as how to make the most out of attending a career fair. There were also Q&A sessions and networking opportunities with 29 top employers.

RESEARCH CENTERS & INSTITUTES



Amy Ousterhout, CNS



Alex C. Snoeren, CNS



Yufei Ding



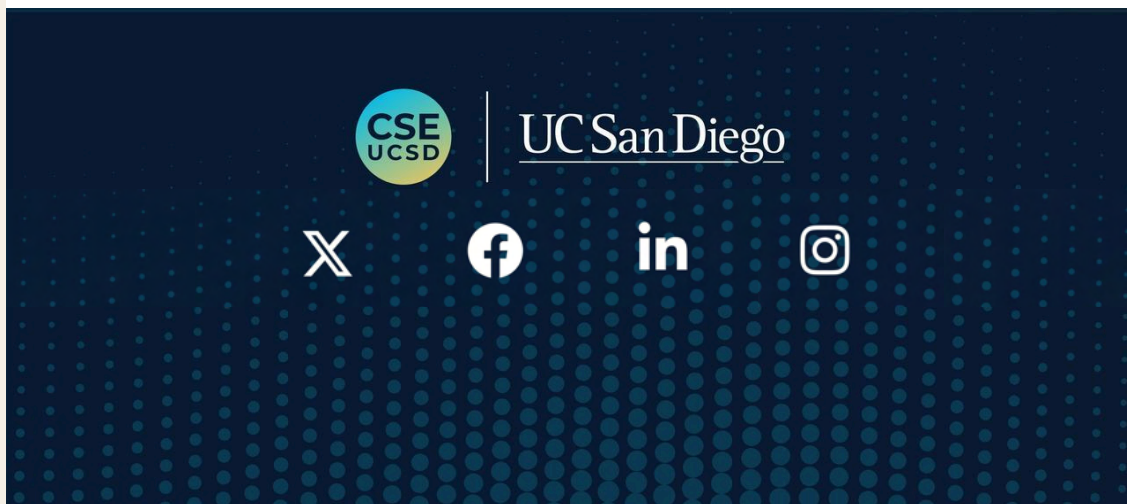
Melissa Gymrek

Two CNS Faculty Awarded Funding: Program Accelerates Early-Career Faculty Research for Engineers and Computer Scientists

Two faculty from the [Center for Networked Systems](#) (CNS), **Amy Ousterhout** and **Alex C. Snoeren**, have been awarded funding to accelerate interdisciplinary research collaborations for early-career faculty. They are one of six teams from UC San Diego's Jacobs School of Engineering awarded funding as part of this unique program.

Ousterhout and Snoeren, both professors in the Department of Computer Science and Engineering, were recognized for their joint project, Operating Systems for the Age of Accelerators. The project leverages Ousterhout's extensive work in user-level scheduling and Snoeren's recent advances in application-informed memory management.

Two additional CSE faculty members, Associate Professor **Yufei Ding** and Assistant Professor **Melissa Gymrek**, were also on teams to receive funding. This year, all six teams plan to make use of artificial intelligence and machine learning. [Read More](#)



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