

Message from the Chair

Our 35th Anniversary dawned on a beautiful San Diego day, with palpable excitement for our present and future.

Our building was adorned in the celebration of our 35th anniversary, and even the bear in our courtyard was ready to party! (see pictures below...)



Sorin Lerner

CSE faculty presented memorable talks about the history of our department, and about exciting research and education activities. Students showcased remarkable research posters, along with some hands-on demos, from soil-powered batteries to self-driving carts.

A big thank you goes to Amin Vahdat, a former faculty member and a Fellow and Vice President of Engineering at Google, for his thought-provoking keynote.

We were honored to have the university's Executive Vice Chancellor for Academic Affairs Elizabeth Simmons help kick-off the day. She noted CSE's amazing research track record; our outstanding educational track record; and her hopes for a "shining future to match our extraordinary past."

The sense of community throughout the day was invigorating, and seeped into the evening alumni reunion.

CSE is ultimately about the people: students, faculty, staff and alumni. Our strength and success comes from a collective sense of purpose, which was on full display during our celebration. Together, we can reach the stars. Together, we can build a better future. Together, we can shape computing for the greater good. Ours is a bright and exciting path; let's leap into the future with excitement and passion.

Sorin Lerner, CSE Department Chair

Stay connected with CSE by following our [Twitter](#), [Facebook](#), [LinkedIn](#) and [Instagram](#) feeds. If you have news, story ideas or comments for our CSE Communications Team, please send them to cse-communications@eng.ucsd.edu.

CSE's 35th ANNIVERSARY CELEBRATION



Honoring CSE's 35-Year History and Reimagining Its Future

In celebration of the Computer Science and Engineering department's 35th Anniversary, the CSE building was festooned with banners. The beloved bear wore an honor stole around its neck. Colorful lights illuminated the courtyard.

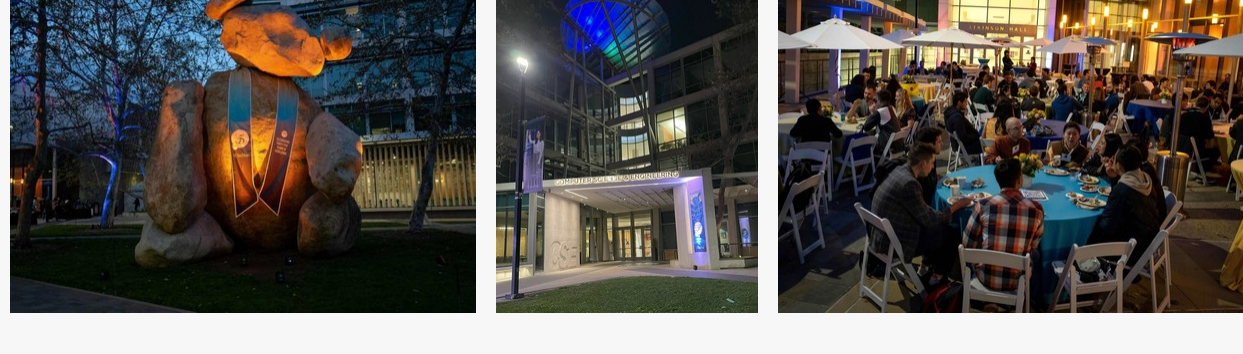
On April 14, CSE faculty, staff and students welcomed alumni back to campus to commemorate 35 years of computer science at UC San Diego. As festivities began, CSE Department Chair Sorin Lerner announced breaking news from csrankings.org; the department is now ranked #3 of top CS institutions worldwide.



Anniversary Open House and Reunion

The anniversary celebration – which spanned the entire day – included a keynote talk by Amin Vahdat, a Fellow and Vice President of Engineering at Google. He spoke on the transformation in computing hardware and connectivity over the past 20 years as well as the novel thinking and invention necessary to support modern infrastructure.

Esteemed CSE faculty presented on cutting-edge research topics, ranging from generative AI, bioinformatics, and CSE education to how modes of transportation impact the security and reliability of computer systems. Student poster presentations were followed by a reception and alumni reunion.



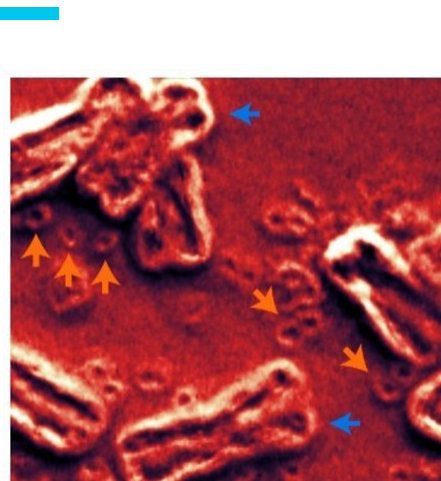
Fun Facts from 35 Years of CSE

- CSE has grown from 200 students in 1987 to more than 3,000 today.
- One-third of all UC San Diego undergraduates take a CSE course.
- CSE was ranked 11th in the 2022 U.S. News & World Report Graduate Rankings – up from 30th place in 1994.

CSE NEWS



Slo-mo was captured using a new video frame interpolation framework called FLAVR.



A new study finds ecDNA exist in precancerous cells and predict patient outcomes.

Faster Slo-Mo?

New software architecture – a video frame interpolation framework called FLAVR – has been developed by UC San Diego computer scientists to improve cost and efficiency of video processing. [Read More](#)

UC San Diego Researchers Help Discover That Tiny DNA Circles are Key Drivers of Cancer

UC San Diego computer scientists are among the lead authors of an international study that identified extrachromosomal DNA (ecDNA) genes – present even in precancerous cells – as key drivers of cancer formation. The discovery potentially points to better therapies and improved patient outcomes. [Read More](#)

CSE Faculty Recognized with Amazon Research Awards

Three faculty members from UC San Diego's CSE department were among the 79 [Amazon Research Award](#) recipients announced for the fall 2022 cycle, including CSE Assistant Professor Sean Gao and Associate Professors Yiyang Zhang and Jishen Zhao. [Read More](#)

Jessica Echterhoff (MS '22, PhD '25) Nets CSE's First Apple Scholars in AI/ML Fellowship

CSE student Jessica Echterhoff has been named a 2023 recipient of the [Apple Scholars in AI/ML PhD fellowship](#), the first UC San Diego student to receive this award since the inaugural class was announced in 2020. [Read More](#)

NOTEWORTHY

CSE Assistant Teaching Professor [Mai El Sherief](#) has been awarded funding for her research proposal to the Center for Empathy and Technology's Fall 2022 Seed Grant Program sponsored by the T. Denny Sanford Institute for Empathy and Compassion.

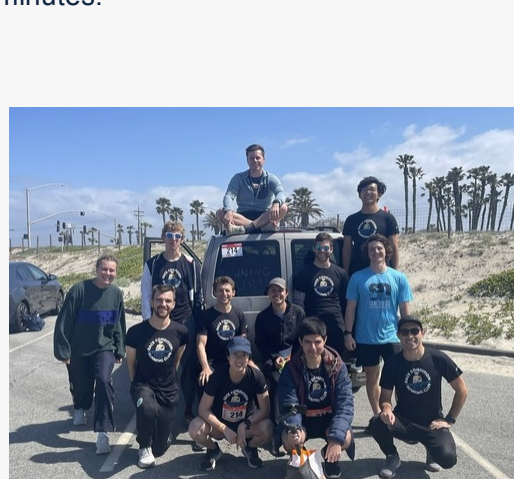
The National Science Foundation featured Associate Professor [Laurel Riek](#) and her team for National Robotics Week, recognizing their work with robots designed to improve health care for those with mild cognitive impairment.

Data Science Student Society hosted Alessandra Van Ree, a data engineer from the Aston Martin Formula 1 team, who shared how an F1 team uses data science and machine learning to win races.

[Supun Nakandala](#) (PhD '22) has been selected as winner of the Jim Gray Dissertation Award 2023 by the Association for Computing Machinery's [Special Interest Group on Management of Data](#) (ACM SIGMOD).

[Udayan Tandon](#), a PhD student in CSE, has been named as part of the 2023/2024 Fellowship cohort of the [Institute for the Cooperative Digital Economy](#) for his policy report that aims to establish community-based platform cooperatives for on-demand transportation.

Big kudos to the CSE Race Condition team – [Zac Blanco](#), [Stewart Grant](#), [Andy Meza](#), [Christopher Priebes](#), [Olivia Wong](#), [Chris Ye](#) and our friends in the grants and communications departments – on crushing the Ragnar Road SoCal relay race, [winning their division](#) and placing second overall out of 200 teams. The team ran from San Diego to LA (roughly 200 miles) in 25 hours and 21 minutes.



CSE EVENTS

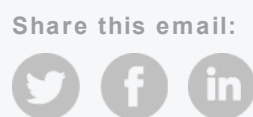
PhD DeepMind Fellowship

Deadline: Thursday, April 30
Submit Application to: swanson@eng.ucsd.edu

Let us know what's newsworthy. We want to hear from you about the projects and people (including students) we should include in newsletters, articles and the CSE website. Let us know what's up at cse-communications@eng.ucsd.edu.

CSE.UCSD.EDU

Share this email:



[Manage](#) your preferences | [Opt out](#) using TrueRemove®
Got this as a forward? [Sign up](#) to receive our future emails.
View this email [online](#).

9500 Gilman Dr. MC 0404
La Jolla, CA | 92093 US

This email was sent to .
To continue receiving our emails, add us to your address book.



[Subscribe](#) to our email list.