

**Message from the Chair**

It's hard to believe how fast time is flying. In just a few short weeks we will be celebrating the graduating class of 2023. The achievements and contributions of our graduates have once again been tremendous, as have those of our faculty and staff who have stood right alongside them.



Sorin Lerner

For 35 years, UC San Diego's CSE department has proudly recognized the future CS leaders of our world. Whether this is the first time you are taking part in a UC San Diego commencement, or your 35th, you are all integral to the success of our community. Be sure to check out our special Commencement issue in June!

**Sorin Lerner, CSE Department Chair**

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**CSE NEWS**



Distinguished Paper recipients



Authors of the new "Half&Half" computer security paper



NSF Career Award recipients

**CSE Has Distinguished Showing at ASPLOS 2023**  
 From reclaiming deactivated smart phones to finding a new way to reduce browser security risks, CSE researchers tackled big issues in two papers recognized with Distinguished Paper Awards at the 2023 ASPLOS conference. [Read More](#)

**Surprise: A Small Change Leads to Big Results for Computer Security**  
 CSE and Purdue University researchers have discovered a hidden feature of Intel processors that can be used to significantly increase security, including shutting down an entire class of Spectre attacks. [Read More](#)

**CSE's CAREER Award Recipient List Grows by Three – Again**  
 For the second consecutive year, three CSE faculty members were recognized with NSF's CAREER award, including assistant professors **Albert Chern**, **Tzu-Mao Li** and **Aaron Schulman**. [Read More](#)

**Fixing the Chicken-and-Egg Conundrum of Interdisciplinary Research Collaborations**  
 The Jacobs School of Engineering has launched a program to provide resources making interdisciplinary research collaborations competitive for multi-year funding. CSE Professor **Rose Yu** led one of the inaugural projects funded through JSOE's Early Career Faculty Development Award. [Read More](#)

**Changemakers of CSE: Russell Impagliazzo Pursues Complexity and Comedy**  
**Russell Impagliazzo**, the influential "Five Worlds Conundrum" founder and longtime CSE professor, was celebrated recently with a workshop on computation, cryptography and complexity of proofs – an event which coincided with his 60th birthday. [Read More](#)

**CSE Students Join Prestigious Circle of NSF Grad Research Fellows**  
 The prestigious circle of NSF Graduate Research Fellows grew by three CSE graduate researchers in 2023, including PhD students **Anya Bouzida** (BS '21), **Namiko Matsumoto** (BS '21) and **Stone Tao** (BS '23). [Read More](#)

**Supun Nakandala (PhD '22) Wins SIGMOD Dissertation Award**  
 CSE alumnus **Supun Nakandala** 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 (SIGMOD). [Read More](#)

**CSE ENDOWED CHAIRS**



Taner Halicioğlu, CSE's Christine Alvarado and Steven Swanson, and UC San Diego Chancellor Pradeep K. Khosla (l to r) celebrating endowed chair appointments.

**Christine Alvarado and Steven Swanson Honored with Prestigious Endowed Chairs**  
**Christine Alvarado**, the UC San Diego Associate Dean in the Division of Undergraduate Education and a CSE Teaching Professor, will hold the inaugural Paul R. Kube Endowed Chair of Computer Science. Alvarado was selected for her efforts to improve inclusion and diversity in CS education. The appointment was celebrated May 24, when she was recognized for her achievements along with CSE Professor **Steven Swanson** who was recently named the inaugural holder of the Halicioğlu Chair in Memory Systems. [Read More](#)

**NOTEWORTHY**

**Pavel Pevzner**, the Ronald R. Taylor Chair and Distinguished Professor of CSE, has been awarded an honorary doctorate from Tel Aviv University.

CSE Professor **Rose Yu** has been accepted for the Early Career Award for Scientist and Engineers (Army-ECASE) for her proposal "Exploiting symmetry for Learning Spatiotemporal Dynamics."

CSE Alumni Board member and Executive Vice President of Engineering at Shadowbox, **Emily Deere** (BA '90) joined an all-female Women in STEM panel discussion on breaking barriers in STEM related fields.

**EnCORE Institute** is hosting a 2-day tutorial on "Statistical Machine Learning Models for Neural and Behavioral Data Analysis" for CSE graduate and upper level undergraduate students with guest speaker Anqi Wu, Assistant Professor in CSE at Georgia Institute of Technology.

Congrats to CSE graduate student **Nikolai Vogler** for winning CSE Best Poster at the Jacobs School of Engineering Research Expo 2023. Vogler, advised by **Taylor Berg-Kirkpatrick**, presented the topic "Contrastive Attention Networks for Attribution of Early Modern Print."

CSE student **Jishen Zhao** discussed the challenges of safe and reliable autonomous vehicle system design at a Cyber-Physical Systems Research Center seminar hosted at UC Santa Cruz.

**CENTER FOR NETWORKED SYSTEMS**



**CNS in 2023: the Annual Research Review**  
 The [Center for Networked Systems](#) (CNS) held its annual CNS Research Review at the CSE building on May 4 and 5. Now in its second decade, the event introduced industry members from Cisco, Google, Qualcomm and its eight additional company representatives to the latest research from CNS graduate students and faculty. The event included 18 research talks, eight two-minute lightning talks, nine poster presentations and 60 attendees. [Read More](#)

**CSE EVENTS**

**EnCORE Annual Retreat 2023**  
 Thursday and Friday, June 1-2  
 CSE 1242  
[Registration](#) required

**JSOE Undergraduate Research Symposium**  
 Tuesday, June 6  
 12 - 2 p.m.  
 CSE 1242, 1202

**CSE End of the Year Celebration**  
 Friday, June 9  
 11:00 a.m. - 2:00 p.m.  
 Atkinson Hall Auditorium and Courtyard

**CSE UG Graduate Celebration**  
 Friday, June 16  
 2 - 5 p.m.  
 Atkinson Hall Courtyard and Engineering Courtyard

**JSOE Ring Ceremony**  
 Saturday, June 17  
 8 - 10 p.m.  
 Lion Tree Arena  
[Registration](#) for graduating seniors



**Let us know what's newsworthy.** We would like 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](mailto:cse-communications@eng.ucsd.edu).

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