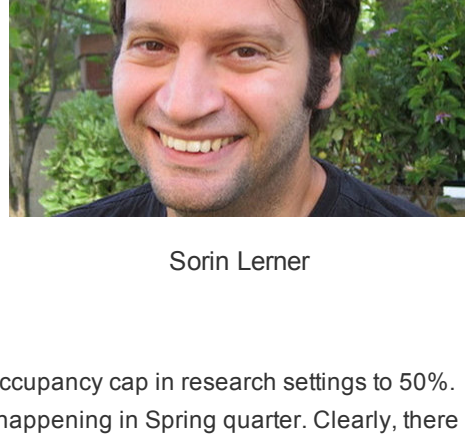




CSE NEWSLETTER: A LOOK INSIDE THE DEPARTMENT

Message from the Chair

The beginning of Spring quarter is upon us. Usually, Spring quarter is marked by warming weather, Sun God Festival, getting ready for a celebratory commencement, and a sense of renewal (and of course it goes without saying, continued academic excellence, but we always do that!). This year, it marks something different: one year since we have gone fully remote. How many of us thought that one year later, we would still be mostly remote? I certainly did not.



Sorin Lerner

But hope is on the menu. The campus is taking steps to gradually bring more people on-site, with safety being the top concern. Beginning April 1st, the campus will expand the occupancy cap in research settings to 50%. There is also an increase in the amount of in-person teaching happening in Spring quarter. Clearly, there are still many challenges with implementing these policies, and everyone coming to campus still needs to fill out appropriate forms. Yet, these small steps are bringing us closer to a sense of normalcy, with the understanding that we still have many COVID-related mountains to climb in the future.

Thank you all for your continued patience, creativity, and drive. Stay safe, stay (zoom/email/slack) connected, and drop me a line anytime!

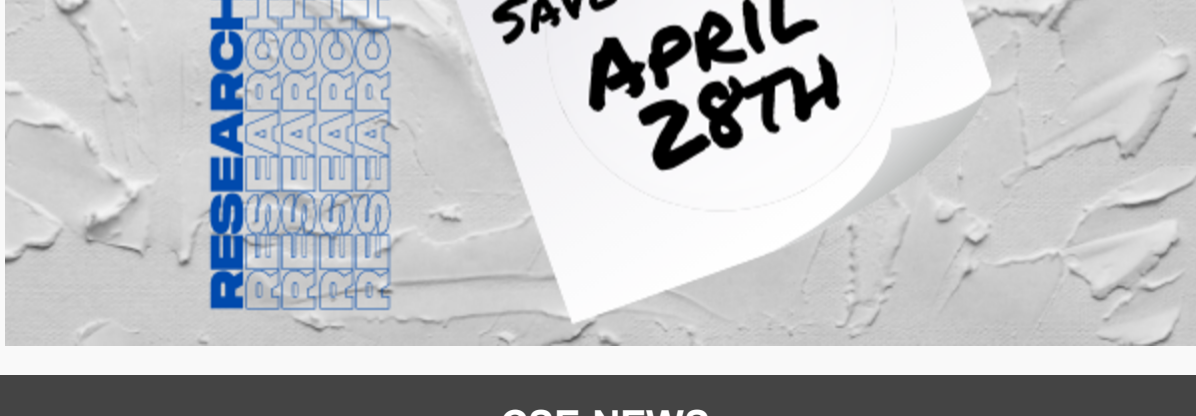
Sorin Lerner, CSE Department Chair

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

CSE RESEARCH OPEN HOUSE

Save the Date

Reserve April 28 for the CSE Research Open House, which will feature (virtually) in-depth research sessions, student posters, the Distinguished Alumni Award and more.



CSE NEWS

NSF Early CAREER Awards

Deian Stefan and Sicun Gao have been awarded prestigious [Faculty Early Career Development Program](#) grants from the National Science Foundation to support their efforts to build secure computer systems and safer autonomous systems.

Chaudhuri Wins MURI Award

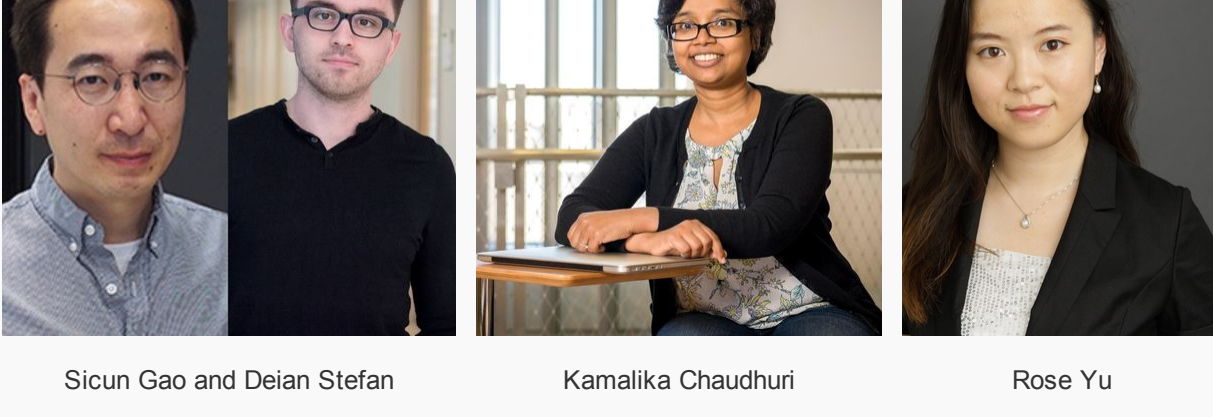
Kamalika Chaudhuri is part of a multi-university team that has won a prestigious US Department of Defense [Multidisciplinary University Research Initiative](#) (MURI) Award to develop rigorous methods for robust human-machine collaborations against adversaries.

Yu Advances Army Research Office-Funded Studies

Rose Yu is studying physics-guided learning to improve spatiotemporal decision making with a [\\$370,000 grant from the Army Research Office](#). Two of her papers were recently accepted by The Ninth International Conference on Learning Representations, the highest impact AI conference.

Kumar Wins IEEE TCDE Rising Star Award

In addition to receiving another gift from VMware to support his [deep learning research](#), Arun Kumar has been honored with the [2021 IEEE TCDE Rising Star Award](#) "for designing and deploying data analytics systems powered by innovative machine learning and artificial intelligence algorithms."



Sicun Gao and Deian Stefan

Kamalika Chaudhuri

Rose Yu

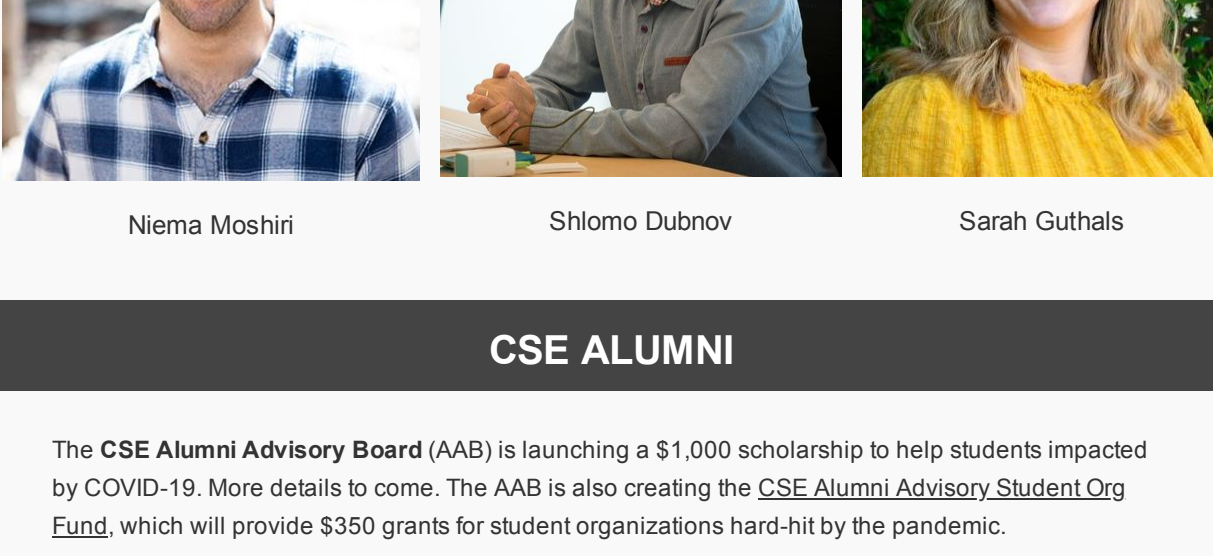
NOTEWORTHY

Niema Moshiri co-authored a COVID-19 paper, published in [Science](#), that suggests COVID-19 may have been [circulating for months](#) before humans were affected. The paper received significant media attention, including a [spot on CNN](#).

Larry Smarr and Shlomo Dubnov were recently highlighted in the San Diego Union Tribune story, [Scientists hustle to create new tests, drugs and expand telemedicine to battle COVID-19 over the long term](#). "There's an explosion of new knowledge and technology around the world that's built on decades of deliberate investment to fight problems like this," said Smarr.

Russell Impagliazzo explained the significance of the [LLL algorithm](#) in a recent [New York Times](#) story about Abel Prize winners László Lovász and Avi Wigderson.

CSE alum Sarah Guthals was quoted in a [Tech Republic](#) article about Microsoft's partnerships with NASA to better disseminate coding education.



Niema Moshiri

Shlomo Dubnov

Sarah Guthals

CSE ALUMNI

The CSE Alumni Advisory Board (AAB) is launching a \$1,000 scholarship to help students impacted by COVID-19. More details to come. The AAB is also creating the [CSE Alumni Advisory Student Org Fund](#), which will provide \$350 grants for student organizations hard-hit by the pandemic.

As part of the [AAB Speaker Series](#), Intuit senior software engineer and AAB board member Kylie Taitano (B.S. '14) will be presenting: *Level Up: All about Software Engineering Levels and Promotions* on April 8. Students are encouraged to attend.



Kylie Taitano

COMMUNITY IN ACTION

The CSE MS team is working with several restaurants to raise support for the [Triton Food Pantry](#), which helps students in need. The fundraiser will be held from April 12 to 16. Please use our [participating vendors](#) and spread the word.

Fundraiser for Triton Food Pantry

Hosted by the Department of Computer Science and Engineering

We are excited to announce a week-long fundraiser with FIVE vendors from April 12 to April 16, to support the UCSD Triton Food Pantry!

 Monday, April 12th (4:00pm-8:00pm) Panera Bread	 Tuesday, April 13th (4:00pm-8:00pm) Chipotle	 Wednesday, April 14th (10:30am-7:00pm) Tapioca Express	 Thursday, April 15th (11:00am-7:30pm) Panda Express	 Friday, April 16th (11:00am-9:00pm) Papa John's
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UCSD CSE Computer Science and Engineering | For questions, please contact the CSE MS Program at cse-ms-advisors@eng.ucsd.edu. See individual flyers for more details!

CSE's DEI Committee is hosting two event series during spring quarter. Please join them for bi-weekly social "gatherings" and a Celebration of Diversity mini-series. A great opportunity to socialize with friends and win prizes.

COME CHAT AND WIN PRIZES!

CSE DEI SPRING SOCIALS!

Fri. 3:30-4:30 PM PT

WEEK 1
WEEK 3
WEEK 5
WEEK 7
WEEK 9

STAY TUNED FOR MORE INFORMATION!

BRING YOUR LUNCH!

CSE CELEBRATION OF DIVERSITY MINI-EVENTS

Spring Quarter

Thurs. 12:30-1:30 PM PT

WEEK 2
WEEK 5
WEEK 8

STAY TUNED FOR MORE INFORMATION!

CENTER FOR NETWORKED SYSTEMS

Local Leaders to Meet With Undergrads

On April 6, CNS co-director George Porter and colleagues at the University of San Diego (USD) will be [hosting an online discussion](#) between U.S. Representative Mike Levin (CA 49), Imperial Beach Mayor Serge Dedina and undergraduate classes from UC San Diego (CSE 190: The Environmental Impact of Modern Computing) and USD (Environmental and Ocean Sciences: Environmental Issues and Theatre: Telling the Story of Science). The discussion will focus on environmental questions, such as prioritizing specific policies and how leaders engage with their constituents on environmental action.

SCIENCE, POLICY & COMMUNICATIONS PANEL

TUESDAY, APRIL 6TH, 2021

MAYOR SERGE DEDINA
 CITY OF IMPERIAL BEACH, CA

U.S. REP. MIKE LEVIN
 (D-CA) 49TH DISTRICT

WE ARE CSE

#WeAreCSE

We have launched a new social media campaign called #WeAreCSE, which will showcase the department's diversity of people and research. Follow on [Twitter](#) and [Instagram](#) to learn more about the CSE community.

“

I'm working on accelerating the Phylogenetic Inference portion of molecular epidemiology analyses using GPUs. I'm hoping that my work will vastly accelerate the rate at which COVID sequences can be analyzed and slow the spread of this pandemic.

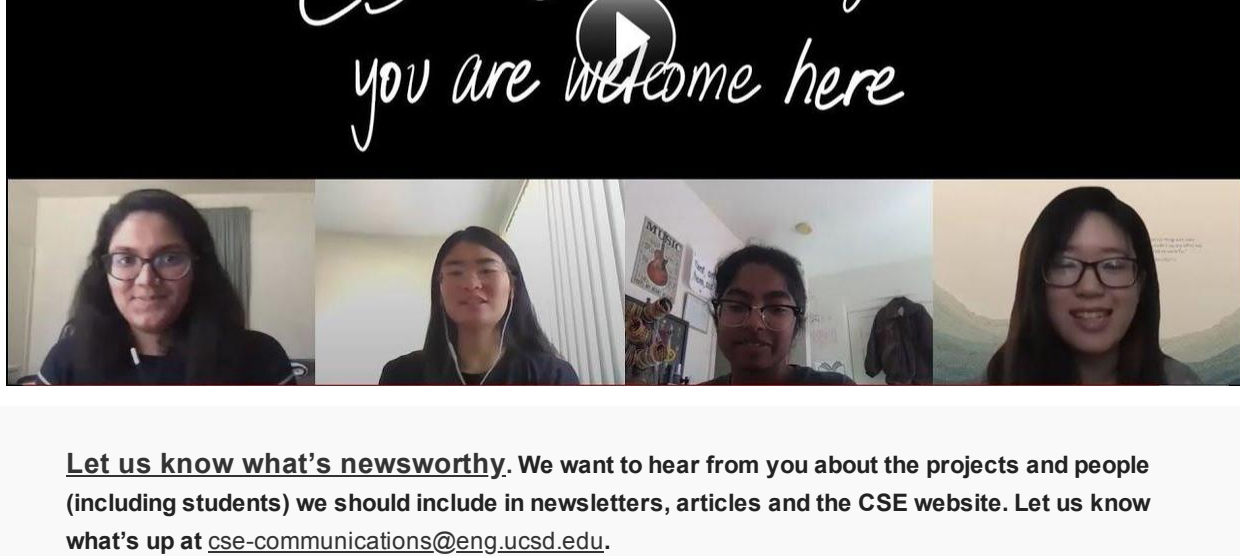
—

COLIN YOUNG
second year CS Major

#WEARECSE

CSE VIDEO HIGHLIGHT

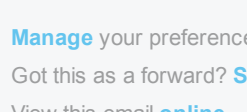
The next generation of computer scientists.



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](#)

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