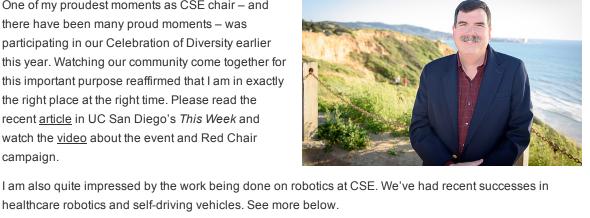




CSE NEWSLETTER: A LOOK INSIDE THE DEPARTMENT

Message from the Chair

One of my proudest moments as CSE chair - and there have been many proud moments - was participating in our Celebration of Diversity earlier this year. Watching our community come together for this important purpose reaffirmed that I am in exactly the right place at the right time. Please read the recent article in UC San Diego's This Week and watch the video about the event and Red Chair campaign.



In a few days, we will be going our separate ways, temporarily, for the holidays. I wish everyone a happy, healthy season and look forward to seeing everyone again in 2020. To get more CSE news, you can follow our Twitter, Facebook and LinkedIn and Instagram feeds. If you have

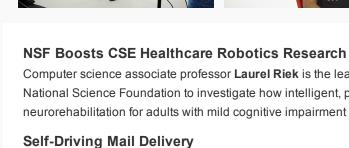
news to share, story ideas or comments for our CSE Communications Team, please send them to newsworthy@cs.ucsd.edu.

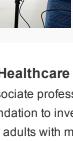
NEWS FROM CSE

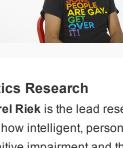
new video from UCTV captures these raw and emotional moments. Please save the date for the next CSE Celebration of Diversity, which will be held on May 15, 2020.

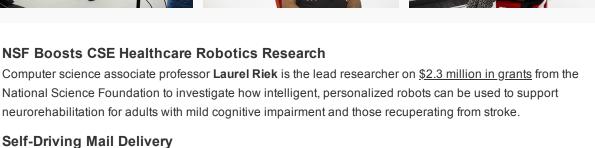
They came in droves to sit in the Red Chair-graduate students, undergrads, faculty, staff, deans, the chancellor. They came to express their thoughts on diversity—and the results were powerful. A

Stories from the Red Chair









project is a collaboration between the Contextual Robotics Institute and Integrated Procure-to-Pay Solutions at the UC San Diego. It's part of a broader effort to use the campus as a living laboratory for new technologies.

understand and generate human (natural) language.

Al Personalizing Recipes Research from the Julian McAuley lab could eventually help people generate personalized recipes – on their computers. The study breaks new ground in natural language processing, which studies how computers

Two self-driving vehicles have been delivering mail to Warren and Sixth College since September. The

New Record for Encryption Key Cracking An international research team, including CSE associate professor Nadia Heninger, set a new record

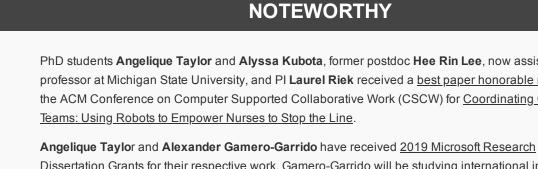
discrete logarithm of a 795-bit integer. The project took around 35 million hours of computation time. These key sizes are not typically used in current cryptographic applications. However, these efforts are important to update cryptographic security and key size recommendations. Standing Up for Our Dreamers On November 6, the <u>CSE Diversity</u>, <u>Equity and Inclusion Committee</u> hosted a Deferred Action for

Childhood Arrivals (DACA) event to support the <u>UC Stands with DACA recipients Campaign</u>. The event

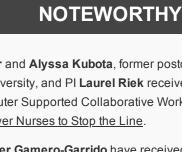
set up two tables in the CSE building to provide information about DACA for dreamers and nondreamers alike. Participants were also asked to complete the sentence: I stand with DACA recipients

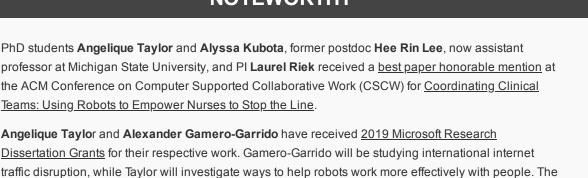
for cracking encryption keys. The team factored the largest key yet, a 795-bit integer, and computed a

because...

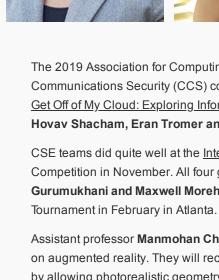


Research headquarters in Redmond, Washington.





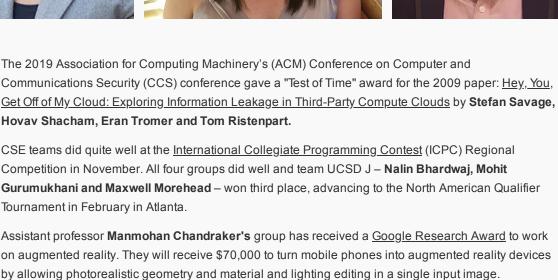
grants provide up to \$25,000. In addition, recipients could attend Microsoft's Ph.D. Summit at Microsoft

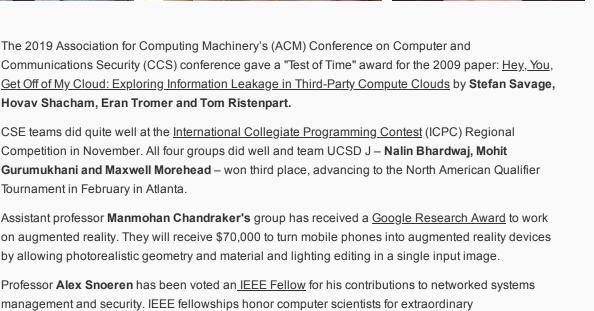


accomplishments in the field.

Consequer Science and Engineering

Holiday Potluck





the Year. The award was presented by JSOE Dean Al Pisano. In addition to teaching CSE 8A,130, 230, 231 and 291, Lerner is a tireless CSE supporter, helping organize the CSE Research Open House, Celebration of Diversity and other events.

Professor and CSE Vice Chair for Graduate Affairs Sorin Lerner has been honored as CSE Teacher of









huge, crowded campus.

technology."

Alan Turing Memorial Scholarship

cognitive science, with a specialization in design and interaction.

to deliver mail in step toward ferrying people



CENTER FOR NETWORKED SYSTEMS

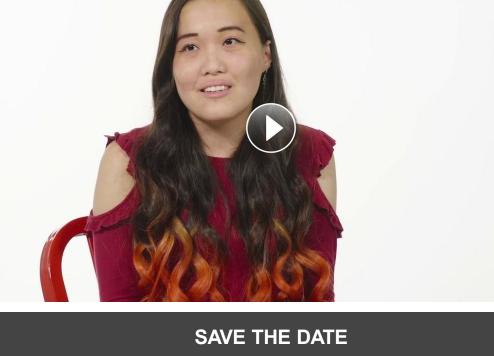
Giselle Mejia and another student (who has opted to remain anonymous) have been honored with 2019 Alan Turing Memorial Scholarships. The award is named for the legendary codebreaker and computer scientist and honors students for their academic commitment, particularly in networked systems, and ongoing support for the LGBTQ community. Mejia is a fourth-year student studying



CSE TV HIGHLIGHT

UC San Diego has begun using driverless vehicles to deliver the mail to two of its six residential colleges, an experiment that's expected to lead to ferrying large numbers of people around the

"We're examining how you use autonomous vehicles in an urban environment where you find pedestrians, bicycles and other types of traffic," said Henrik Christensen, director of CRI. "The campus has about 65,000 students, faculty and workers, so this is a perfect place to test the



CSE Celebration of Diversity - May 15, 2020 Let us know what's newsworthy. We want to hear from you about the projects

the CSE website. Let us know what's up at newsworthy@cs.ucsd.edu.

and people (including students) we should include in newsletters, articles and

Share this email:

Manage your preferences | Opt out using TrueRemove® Got this as a forward? Sign up to receive our future emails.

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

View this email online.

CSE 167, Computer Graphics, Final Project Presentations - December 12

CSE Open House - January 31, 2020

CSE.UCSD.EDU

Subscribeto our email list.