Message from the Dean

Dear CSE community,

I am writing to share a few updates and thoughts on our department’s response to the COVID-19 pandemic and our ongoing support of our students, faculty, and staff.

As difficult as this pandemic has been, it has also been a source of great pride, as I watch faculty, staff, and students step up to meet this crisis head-on. Although there is still quite a bit of uncertainty, one thing we do know is that, with hard work and mutual support, we will all get through it.

For more news, in real time, you can follow our Twitter, Facebook, Instagram, and LinkedIn feeds. Remember, there are numerous campus resources available to support your mental health and well-being, including the UC San Diego Health Outpatient Drug and Alcohol Services Center and the Counseling Center.

May is Mental Health Awareness Month and a good time to reflect on how the COVID-19 crisis has impacted our mental health and well-being. It is also a good time to support those who have been impacted by the pandemic and to take steps to improve our own mental health and well-being.

As we look to the future, we can turn to during these difficult times. A recent article in The Conversation outlines them.

Let us know what’s newsworthy to have news to share, story ideas or comments for our CSE Communications Team, please send them to newsworthy@cs.ucsd.edu.

Thanks for all you do. Stay safe and healthy.

Best,

[Dean's name]

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New Faculty and a New Role

New faculty in CSE uses network science to understand the spread of diseases.

Dr. Corunndum, an assistant professor in the University of California, San Diego's School of Engineering, is using network science to understand the spread of diseases. Her research focuses on understanding how the structure of networks can influence the spread of infectious diseases.

Her project is called “The Microsetta Initiative: Citizen Scientists Can Contribute to COVID-19 Research.” The initiative allows citizen-scientists around the world to contribute crucial information about SARS-CoV-2, the novel coronavirus that causes COVID-19.

The Microsetta Initiative team is working with the UC San Diego Earth 2.0 COVID-19 Rapid Response initiative to engage hundreds of experts, ranging from clinical researchers to scientists, engineers and innovators (faculty, staff and students) to help provide solutions. The platform is part of UC San Diego’s COVID-19 Rapid Response initiative.

CoRESPOND engages hundreds of experts, ranging from clinical researchers to scientists, engineers and innovators (faculty, staff and students) to help provide solutions. The platform is part of UC San Diego’s COVID-19 Rapid Response initiative.

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Noteworthy

Dr. Tajana Rosing, an assistant teaching professor and incoming Quiz Bowl Club President, was presented at the 32nd International Conference on Field-Programmable Custom Computing Machines symposium (FCCM) 2020. For more information, visit the Corunndum Github repository.

The technology was recently described at the Field-Programmable Custom Computing Machines symposium (FCCM) 2020. For more information, visit the Corunndum Github repository.

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Research Opportunities and Partnerships with Tech Industry

A recent contestant for the University of California, San Diego's Next Horizon Initiative has been honored with a 2020 RAPID grant to study COVID-19. Their project is titled: “Tracking Viral Evolution.”

Professor Hadi Esmaeilzadeh’s group, has been honored with a 2020 National Science Foundation RAPID grant to study COVID-19. Their project is titled: “Tracking Viral Evolution.”

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CENTER FOR NETWORKED SYSTEMS

Niema Moshiri, a full professor and director of the Center for Networked Systems, was presented at the 32nd International Conference on Field-Programmable Custom Computing Machines symposium (FCCM) 2020. For more information, visit the Corunndum Github repository.

The team is currently working on the next generation of ventilators and has been honored with a 2020 National Science Foundation RAPID grant to study COVID-19. Their project is titled: “Tracking Viral Evolution.”

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CSE TV HIGHLIGHT

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Message from the Chair

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