April 2013 Edition

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Greetings from the CSE Chair

Dear CSE Students,

The Spring 2013 semester will end in a few weeks, but before that many of our undergraduate students will be making presentations at the College of Engineering’s Design Day on April 26. Students will be presenting their posters between 9:30 and 11:30 am in the main hall of Discovery Park. Everyone is invited to attend so I hope to see many of our students at Design Day!

Congratulations to our CSE Outstanding Students who were recognized at UNT Honors Day
We welcome four undergraduate students from Chulalongkorn University in Thailand this semester. They arrived here on March 13 to study in our CSE Department and will be with us until May 20. Tanapat Ruengsatra is studying data mining with Dr. Yan Huang. Sunyanan Choochotkaew is studying signal processing with Dr. Ram Dantu. Paopit Siriarchawatana is studying computer vision with Dr. Bill Buckles. Nathawan Charoenkulvanich is studying game programming with Dr. Ian Parberry.

Please welcome these four students to our CSE Department!

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CSE faculty members selected the following outstanding students in the Department of Computer Science and Engineering who were recognized at the UNT Honors Day on April 5,
websites along with handling Virtual Machines and Servers.

Chaitra defended her thesis titled "A Vehicle-Collision Learning System using Driving Patterns on the Road" in March 2013. Her research work resulted in studying different dynamics of the vehicle system using various sensors, along with understanding the collision types and their signatures in correlation with vehicle driving maneuvers, to further develop potential safety applications for the vehicle on the road. Her work involving vehicle collision and notification framework was selected to be presented at the 2012 Grace Hopper Celebration of Women in Computing Conference in Baltimore, Maryland.

She was involved as a System Support and Volunteer, at the iConference 2013 in Fort Worth, hosted by the College of Information, UNT. She is an active member at the World Echoes organization, serving as the event coordinator, enthusiastically participating and conducting events. During her free time she likes paint, sketch and create artistic works.

Outstanding PhD Student in Computer Science and Engineering — Geng Zheng

Geng Zheng received the BE degree from Beijing Institute of Technology, Beijing, China, in 2005 and the MS degree from Boise State University, Boise, Idaho, in 2008, both in Electrical Engineering. He started pursuing the PhD degree in Computer Science and Engineering at UNT in 2010. His area of interest is Analog/Mixed-Signal Circuit Design and Optimization. With great support from his major professor, Dr. Saraju Mohanty and co-major professor Dr. Elias Kougioumtzis, Geng has been on the fast track for completing his research and degree.

Geng won a fellowship to attend the ACM A.M. Turing Centenary Celebration in San Francisco, CA, in the summer of 2012, and a fellowship to attend the SIGDA–NSF–SRC–DAC Design Automation Summer School in San Diego, CA, in the summer of 2011. He was awarded the Micron Technology Fellowship and the Excellent Undergraduate Student Scholarship from Boise State University and Beijing Institute of Technology, respectively.

Geng has more than 10 peer-reviewed IEEE/ACM/SPIE publications. He serves as a Program Committee Member of IEEE IEDEC and IEEE ASQED, and a reviewer for 13 technical conferences/Journals. He defended his PhD dissertation titled "Layout-Accurate Ultra-Fast System-Level Design Exploration through Verilog-AMS" in February 2012.

Outstanding Students recognize CSE faculty members

On Honors Day, the following CSE faculty members were recognized by the Outstanding Students as a positive influence in their college career:

Dr. Ram Dantu
Mr. David Keathly
Dr. Saraju Mohanty
CSE Students defend PhD Dissertations

Congratulations to these PhD students for successfully defending their PhD dissertations!

Geng Zheng
Dissertation: "Layout-Accurate Ultra-Fast System-Level Design Exploration through Verilog-AMS"
Major Professor: Dr. Saraju P. Mohanty
Defense Date: February 18, 2013

Olivia Loza
Dissertation: "Optimizing Non-Pharmaceutical Interventions using Multi-Coaffiliation Networks"
Major Professor: Dr. Armin R. Mikler
Defense Date: March 27, 2013

Students defend MS Theses

Congratulations to these graduate students who defended their MS Theses!

Kok Chuan Koh
Thesis: "Modeling Alcohol Consumption Using Blog Data"
Major Professor: Rada Mihalcea
Defense Date: March 21, 2013

Chaitra Vijaygopalraj Urs
Thesis: "A Vehicle-Collision Learning System using Driving Patterns on the Road"
CSE Graduate Students win awards in first Graduate Exhibition

CSE Graduate Students participated in the first UNT Graduate Exhibition which allowed graduate students to showcase their research to the larger UNT community. The Graduate Exhibition celebrates research in all its aspects as an essential and exciting part of graduate education at UNT. The Graduate Exhibition places special emphasis on communicating research and creative endeavor to a general audience and offers an unusual opportunity for professional development by challenging graduate students to present their work in clear, comprehensible terms to people outside their fields.

The following CSE Graduate Students participated in the Graduate Exhibition: Bayaner Arigong, Enkh-Amgalan Baatarjav, Garima Bajwa, Mohamed Issadeen Mohamed Fazeen, Danielle Gaither, Patrick Kamongi, Veronica Perez-Rosas, Jin Shao, and Chaitra Urs. To see our CSE winners in the Graduate Exhibition and pictures of some of our CSE participants, please go to this media gallery page. ↑

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