

## Department of Computer Science and Engineering News

CSE Senior Projects to be presented on Design Day on April 26  
 Security Workshop hosted by CSE Department  
 Computer Systems Research Lab News  
 News from Software Engineering Language Lab  
 CSE faculty and graduate co-chair ICCCNT'13  
 Distinguished Speaker Seminars continue  
 RoboCamp and Grandparents University  
 PepsiCo Scholarship awarded to Tawfiq Shah  
 Italian students visiting Computer Systems Research Lab this semester  
 Students from Thailand studying in CSE Department

## Student News

Outstanding Undergraduate Student in Computer Science — Aaron Buchanan  
 Outstanding Undergraduate Student in Computer Engineering — Charles Goodrum  
 Outstanding Undergraduate Student in Information Technology — James Glenn  
 Outstanding Master's Student in Computer Science — Brandon Potter  
 Outstanding Master's Student in Computer Engineering — Chaitra Vijaygopalraj Urs  
 Outstanding PhD Student in Computer Science and Engineering — Geng Zheng  
 Outstanding Students recognize CSE faculty members  
 CSE Students defend PhD Dissertations  
 Students defend MS Theses  
 CSE Graduate Students win awards in first Graduate Exhibition  
 Support UNT SHPE! Buy a raffle ticket!  
 Advising Corner  
 Exit Interview for Graduating Graduate Students on May 6th  
 Course Exit Surveys help improve our undergraduate programs

## College of Engineering News

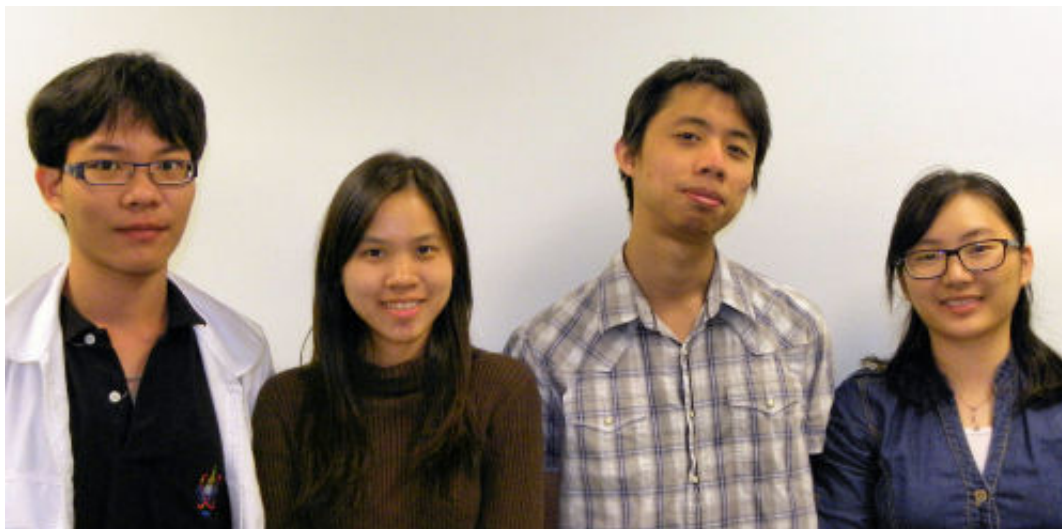
Design Day for CENG Students on April 26  
 College of Engineering featured in UNT Research

## 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



(L-R) Tanapat Ruengsatra, Sunyanan Choochootkaew, Paopit Siriarchawatana, Nathawan Charoenkulvanich

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 Choochootkaew** 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! ↑

LIKE [UNT Computer Science and Engineering](#) to get all the latest news from your CSE Department!

## Student News

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.



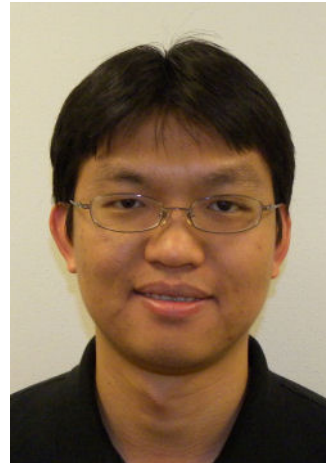
She was involved as a System Support and Volunteer, at the [iConference 2013](#) in Fort Worth, hosted by the College of Information, UNT. She is an active member at the World Echoes organization, serving as the event coordinator, enthusiastically participating and conducting events. During her free 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 Kougiianos, 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

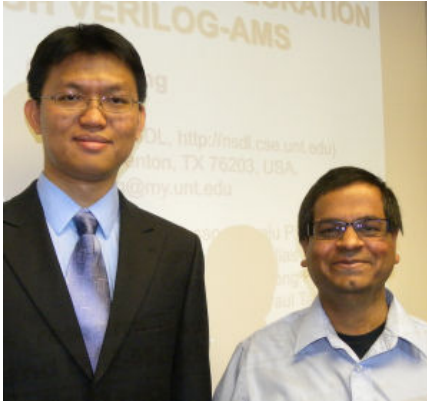
On Honors Day, the following CSE faculty members were recognized by the Outstanding Students as a positive influence in their college career:

**Dr. Ram Dantu**  
**Mr. David Keathly**  
**Dr. Saraju Mohanty**

**Dr. Robert Renka** ↑

## ⤵ CSE Students defend PhD Dissertations

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

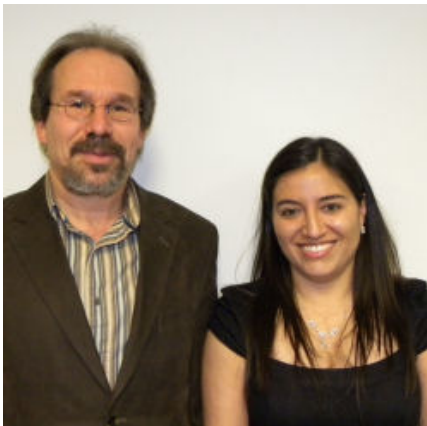


### **Geng Zheng**

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

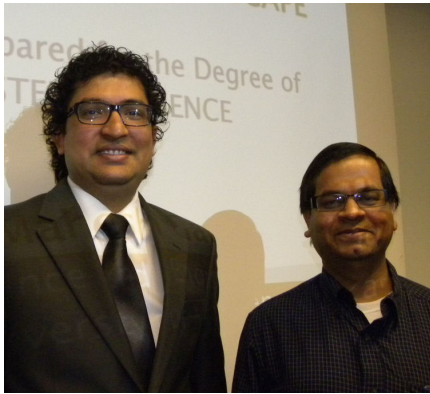
### **Chaitra Vijaygopalraj Urs**

Thesis: "A Vehicle-Collision Learning System using Driving Patterns on the Road"



Major Professor: Dr. Ram Dantu

Defense Date: March 22, 2013



**Mahesh Gautam**

Thesis: "Exploring Memristor Based Analog Design in Simscape"

Major Professor: Dr. Saraju P. Mohanty

Defense Date: March 26, 2013



## 🔗 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.

GRADUATE<sup>13</sup>  
Exhibition

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](#). ↑

## 🔗 Support UNT SHPE! Buy a raffle ticket!