

From: csenewsletter@unt.edu
Sent: Tuesday, February 23, 2010 6:32 PM
To: CSEInstructors
Subject: February 2010 CSE Alumni Email Newsletter

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UNIVERSITY OF NORTH TEXAS™

COMPUTER SCIENCE & ENGINEERING

ALUMNI NEWSLETTER



Greetings from the CSE Interim Chairman



Dear CSE Alumni and Friends,

As Spring 2010 moves forward, I wanted to share with you some of the news in our CSE department. Rada Mihalcea was honored by President Barack Obama at the White House in January as one of the winners of the Presidential Early Career Award for Scientists and Engineers (PECASE). Congratulations to Dr. Mihalcea on achieving this honor.

In early February, our CSE programming team of Robert Mitchell-Burke, Daniel Hooper and James Pascoe competed in an international computer programming competition sponsored by IBM and the Association for Computing Machinery International Collegiate Programming Contest. Congratulations to them on their achievement.

Several CSE faculty members and doctoral students are featured in the latest edition of UNT Research. Congratulations to Santi Phithakkitnukoon and Kino Coursey on receiving their doctoral degrees at the Fall 2009 commencement. Please read all the news below about our CSE department, including the latest from our LARC and VDCL.

I hope these alumni newsletters keep you informed about our CSE department. If there is a particular area that you are interested in and want to offer your assistance, please don't hesitate to let us know. We appreciate our alumni and look forward to your involvement with us. Thank you for your support of CSE and UNT.

February 2010

CSE News

Alumni News

Student News

College of Engineering News

UNT News

now a game programmer at Bonfire Studios. He was previously employed as a game programmer at MumboJumbo and Spidermonk Entertainment.

For more information about LARC, go to <http://larc.unt.edu/>.

News from VLSI Design and CAD Laboratory (VDCL)



(L-R) Oleg Garitselov, VDCL Director Saraju Mohanty, Garima Thakral, Mohana Asha Latha Dubasi with their new cutting-edge nanoelectronics design and simulation facility.

VDCL under the leadership of Dr. Mohanty presented multiple papers in International Conferences. Two important papers titled "A P4VT (Power-Performance-Process-Parasitic-Voltage-Temperature) Aware Dual-VTh Nano-CMOS VCO" and "A Combined DOE-ILP Based Power and Read Stability Optimization in Nano-CMOS SRAM" were presented at 23rd IEEE International Conference on VLSI Design were held in Bangalore, India. This is one of the premier VLSI conferences which uses double-blind review process and selects only 20% of the submitted papers.

Dr. Mohanty was a session chair for "Low-Power Architecture" session at 23rd IEEE International Conference on VLSI Design held in Bangalore, India. Dr. Mohanty also served

as publication chair of 12th IEEE International Conference on Information Technology (ICIT) held in Bhubaneswar, India. He edited the conference proceedings which were published by McGraw-Hill with ISBN: 978-0-07-068014-2.

VDCL graduates one more student with master's thesis. Ms. Ruchi Rastogi Bani defended her thesis titled "A New N-Way Reconfigurable Data Cache Architecture for Embedded Systems". With this, a total of 15 dissertations/theses have been produced from the VDCL.

Dr. Krishna Kavi and students in Taiwan

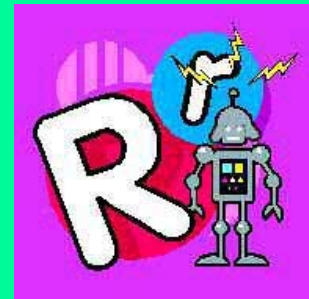
Professor Krishna Kavi and two of his graduate students, **Paul Lin** and **Tomislav Janjusic** are spending the Spring 2010 semester at the National Chiao-Tung University (NCTU), in Hsinchu, Taiwan. Hsinchu is approximately 50 miles southwest of Taipei, the capital of Taiwan. The Computer Science department at NCTU is ranked #1 in Taiwan and among the top 25 in Asia.

Dr. Kavi is collaborating with several faculty members at NCTU on research in computer architecture for embedded and handheld smart devices. He is exploring research collaborations with Taiwan IT companies including Acer and Taiwan universities. He will be presenting talks at NCTU and several other universities in Taiwan. He feels that this is a great experience for him and also for his graduate students.



Robocamp News

The Texas Workforce Commission Summer Merit Program has awarded \$63,000 to the Department of Computer Science and Engineering to run 6 more Robotics and Game Programming Summer Camps in 2010. This coming Robocamp season will be announced during the first week of March, with registration opening March 22. Availability of student work positions will be announced April 5. Stay tuned to <http://www.cse.unt.edu/robocamp> for further information.



News for Alumni

Alumni Focus