



## Masters of Science in Computer Science

### Newsletter

October 2009

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#### MSCS News

**MSCS lab Move:** In June, MSCS Lab has moved from D11 to D13. D13 is much bigger and has a comfortable couch, two MAC machines (and Wii games). Your old keycode to D11 will no longer work. Send email to [mklassen@clunet.edu](mailto:mklassen@clunet.edu) for a new keycode.

#### MSCS adjunct faculty for 2009-2010



**Randy Own:** Randy has more than 18 years experience in IT strategy, program/project management, and information systems development and deployment, including 8 years leading or advising enterprise architecture projects. He taught MSCS courses in Fall 2007(CS500 Algorithm) and in Winter 2008(CS582 special topics in software verification). He is an ABD(all but dissertation) in Software Engineering from Oxford University and has many years industry experience. He taught CS540 in Fall, will teach CS582 in Winter and CS521 in Spring.



**Dr. Narisa Chu:** She received her Ph.D. from Northwestern University and has been in the telecommunications business for the last 22 years starting from Bell Laboratories in 1978. She has been involved in computer and communication research, development, operations, with particular strength in strategic engineering and new technology introduction for business realization. She taught CS582 special topics: Copy right and Protection in Winter 06. She taught CS550 Adv Computer Network and Data Comm in Fall.

**Irena Kageorgis:** She has been in IT for over two decades as a professional IT consultant, software engineer and architect for various business, housing, telecommunications, and health organizations. She is currently researching and working on her Ph.D. dissertation in a security related topic. She taught a few undergraduate courses in the computer science department and CS560 computer security. She will be teaching CS560 in Spring 2010.

## RESOURCES

### IEEE Digital Library

Online access to the 22 IEEE Computer Society journals and magazines from 1988 to the present

### ACM Digital Library

Individual student membership gives access to more than 100 journals. [www.acm.org](http://www.acm.org)

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## In General

**Laptop Loan Program:** There are 6 laptops available to all MSCS. Please contact your course instructor to borrow one for a term.

**Leave of Absence:** When students leave the program for a period of time, the leave request must be submitted. The leave may be requested for up to three terms and the form must be submitted each term until return. The form (LOA form) is available at <http://www.callutheran.edu/schools/cas/programs/mscs/printable/>

**Graduation requirement check:** The MSCS catalog of the year you entered the program specifies all requirements to finish the program and get a degree. But you have an option of adopting a new catalog if changed during your course of study. There was a change in year 2007. You must sign the form to request this. Please contact Dr. Klassen for the form.

**ACM Membership:** Join ACM as a Student Member with ACM Digital Library Access (Student Portal Package. Yearly Rate: \$42) and the membership fee will be paid by the program for MSCS students. Fill out the [Reimbursement Form](#) and bring to Dr. Klassen.

**D11 Graduate Research Lab Hours:** Each one of you can obtain access code to D11. Contact Dr. Klassen at [mklassen@clunet.edu](mailto:mklassen@clunet.edu)

**Winter 2010 Registration-** Classes are available online for registration and available courses are listed in this issue. The Winter Registration is open.

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## CLU News

California Lutheran University is hosting an anniversary bash to celebrate its first 50 years.

"CLU Turns 50" will be held at 6:30 p.m. Thursday, Oct. 22, in the Gilbert Sports and Fitness Center.

The fun-filled evening will honor CLU's founders and revisit the last five decades. Theatre arts professor Michael Arndt and his wife, Vicki, an undergraduate alumna who returned to CLU to earn an MBA, created the imaginative program. Directed by Arndt, the program will star alumni, faculty and student performers. Displays will outline CLU's history. Everything from the food to a fashion show will recount the past 50 years.

Ethel Beyer, the university's first employee and recipient of an honorary degree in 1997, is sponsoring the event. Alumni from the 1960s through the 1990s are planning the celebration.

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## MSCS Alumni News

Nyunsu Kim Who finished MSCS in September 2009 returned home to work for Samsung Technology, subsidiary of Samsung conglomerate in Korea.

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## Schedule of Classes

### Winter 10 (November 23, 2009 -Feb 18, 2010)

CS500	Algorithm	4	T	600PM-930PM	D8	Peng
CS510	Adv Database Systems	4	M	600PM-930PM	D14	Klassen
CS582	Special Topics: Bio Informatics	4	W	600PM-930PM	D8	Owen
CS585	Seminar	1	T	9-10AM	D11	Peng
CS599 A/B	Project	4				

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### Spring 10 (March 1,2010-May 13, 2010)

CS512	Intelligent Information System	4	W	600PM-930PM	D8	Klassen
CS521	Adv Computer System Architecture	4	Th	600PM-930PM	D8	Owen
CS560	Adv Computer System Security	4	M	600PM-930PM	D8	Kageorgis
CS585	Seminar	1	T	1-2PM	D11	Peng
CS599 A/B	Project	4				

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## Graduate Projects : Fall 2009 Term

### Nyunsu Kim

Presented his work on September 14, 2009.

Title: Investigation of SVM Kernel for MicroArray Data.

Advisor: Dr. Myungsook Klassen

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## Current Instructor Bios

**Myungsook Klassen**

**Director of MScS Program and Professor of Computer Science**  
**M.S., Ohio State University**  
**Ph.D., Case Western Reserve University**

Dr. Klassen has several years of experience working in industry as a programmer and systems analyst. Her doctorate work and specialties are artificial intelligence (AI), machine learning and pattern recognition.

<http://public.clunet.edu/~mklassen>

**Chang-Shyh Peng**

**B.S., National Taiwan University**  
**M.S., Ph.D., University of Texas, Dallas**

Dr. Peng develops and teaches a wide spectrum of undergraduate and graduate level computer science courses. Dr. Peng's interests include Local Area Network/Wide Area Network, data communication and networking, parallel processing, client/server development and graphical user interface.

<http://public.clunet.edu/~peng>

**Craig Reinhart**

**B.S., California State University, Northridge**  
**M.S., Ph.D., University of Southern California**

Dr. Reinhart has spent most of his professional career performing research in image processing and computer vision for commercial industry.

<http://public.clunet.edu/~reinhart>

**Narisa Chu**

**Ph.D., Nuclear Engineering, Northwestern University**  
**M.S., Nuclear Engineering, Iowa State University**

Dr. Chu has published over 30 papers in various journals, conferences and symposiums on topics like home networking, digital cable network profiles, etc.

**Nagi Mekhiel**

**Ph.D., Computer Engineering, McMaster University**

Dr. Mekhiel's research interests include advanced computer architectures, high performance memory systems, performance evaluation of computer systems and parallel processing.

<http://www.ee.ryerson.ca/~nmekhiel/>

**Randy Owen**

**In DPhil Program in Software Engineering. University of Oxford.**  
**M.S., BioInformatics. University of Oxford**

Randy Owen's research interests include computational biology, development and validation of concurrent algorithms.

<http://public.clunet.edu/~rowen>