

# Curriculum Vitae

Kuo-pao Yang  
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**PERSONAL:** Birthplace: Taipei Taiwan. Married with four children. Citizenship: U.S.

**EDUCATION:**

01/95 – 07/03 Ph.D., Computer Science  
Illinois Institute of Technology, Chicago, Illinois

09/93 – 12/94 M.S., Computer Science  
Illinois Institute of Technology, Chicago, Illinois

09/86 – 06/91 B.S., Computer Science  
Tamkang University, Taipei, Taiwan, R.O.C.

**TEACHING EXPERIENCE:**

2003 - present Assistant Professor, Department of Computer Science & Industrial Technology,  
Southeastern Louisiana University  
CMPS 431 – Operating Systems  
CMPS 390 – Data Structures  
CMPS 375 – Computer Architecture  
CMPS 293 – Introduction to Assembly Language (IA-32 Processor  
Architecture)  
CMPS 280 – Algorithm Design and Implementation II (Advanced Java)  
CMPS 225 – Software Applications (MS Excel)  
CMPS 161 – Algorithm Design and Implementation I (Basic Java)  
CMPS 110 – Computer Literacy (MS Office)  
CMPS 101 – Introduction to Computer Science

2000 - 2003 Instructor, Department of Computer Science, Illinois Institute Technology  
CS 402 - Introduction to Advanced Studies II (Computer Architecture and  
Programming Languages, MISP Assembly, VHDL, Java, C++, MFC)  
CS 401 - Introduction to Advanced Studies I (Data Structures, C++)

1999 - 2000 Instructor, Department of Computer Science, Chicago State University  
CPTR 307 - Data Structures (Data Structures, C language)  
CPTR 106 - Introduction to Personal Computers (MS Office)

1998 Instructor, Department of Computer Science, East-West University  
CI 321 - Computer Operating Systems

1996 - 1998 Teaching Assistant, Department of Computer Science, Illinois Institute of  
Technology  
CS 570 - Comparative Computer Architecture

CS 471 - Computer Architecture II  
CS 470 - Computer Architecture I  
CS 350 - Computer Organization

1995 – 1996                      Research Assistant, Department of Computer Science, Illinois Institute of Technology (John Deere Inc., Health Project in Clips)

***RESEARCH INTERESTS:***

Expert Systems, Computer Architecture, Programming Languages

***PUBLICATIONS/PRESENTATIONS:***

Yang, K.P., Evens, M.W., and Trace, D.A. Improving the Text Summaries in the Intelligent Medical Record. *Proceedings of the 17<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Valparaiso, Indiana, April, 2006, 111-116.

Sundin, D., Kim, J., Yang, K.P., Kim, Y., Trace, D.A., Tang, Q., and Evens, M.W. Integrating Speech, Touch Screen, and Keyboard for Medical Order Entry. *Proceedings of the 17<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Valparaiso, Indiana, April, 2006, 123-129.

Yang, K.P., Evens, M.W., and Trace, D.A. What The Disorder Pattern Toolbox Can Do. *Proceedings of the 44<sup>th</sup> ACM Southeast Conference*, Melbourne, Florida, March, 2006, 772-773.

Sundin, D., Yang, K.P., Kim, J., Kim, Y., Evens, M.W., and Trace, D.A. Using Speech Recognition Technology for Medical Order Entry. *Proceedings of the 15<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Dayton, Ohio, April, 2005, 124-128.

Yang, K.P., Kim, J., Evens, M.W., and Trace, D.A. The New Disorder Pattern Toolbox. *Proceedings of the 15<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Dayton, Ohio, April, 2005, 109-115.

Yang, K.P., Evens, M.W., and Trace, D.A. Designing the Interaction between the Student and the Patient Simulation System. *Proceedings of the 18<sup>th</sup> International Conference on Advanced Science and Technology*, Chicago, Illinois, August, 2002, 66-73.

Yang, K.P., Evens, M.W., and Trace, D.A. Chief Complaint Reports in the Intelligent Medical Record. *Proceedings of the 13<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Chicago, Illinois, April, 2002, 151-156.

Yang, K.P., Evens, M.W., and Trace, D.A. Building an Up-to-Date Medical Record System. *Proceedings of the 17<sup>th</sup> International Conference on Advanced Science and Technology*, Chicago, Illinois, October, 2001, 52-56.

Yang, K.P., Evens, M.W., and Trace, D.A. Terminology Matching for Interactive Simulated Patients. *Proceedings of the 12<sup>th</sup> Midwest Artificial Intelligence and Cognitive Science Conference*, Oxford, Ohio, March, 2001, 141-148.

Yang, K.P., Evens, M.W., Trace, D.A., and Chern, J. Patient Simulation for Medical Education. *Proceedings of the 16<sup>th</sup> International Conference on Advanced Science and Technology*, Batavia, Illinois, June, 2000, 141-148.

### ***Funded Grants:***

Funded Grant: April 2006  
Grant Title: Developing an Interdisciplinary Lab for Collaborative Activities in CS/IT  
Funding Agency: 2005-2006 Louisiana Board of Regents  
Amount Requested: \$30,140.00  
Principal Investigators: Ghassan Alkadi and Kuo-pao Yang  
Notes from SLU Office of Sponsored Research and Programs (Emily Bond, Director): Yours was ranked 12th out of 47 proposals recommended for funding. There were 68 proposals submitted.

Date Funded: August 2006  
Grant Title: EMIRJ –PATS Project  
Funding Agency: MEDCOM Information System, Inc., 2117 Stonington Avenue. Hoffman Estates, IL 60195  
Amount Funded: \$107,908.05 (Kuo-pao Yang: \$15,000)  
Principal Investigators: David Trace, Martha W. Evens, Dennis Sundin, Kuo-pao Yang, Jong Young Kim, Yeong Cheol Kim

### ***SERVICE:***

- Department Head Search Committee (2005, 2006)
- Computer Science Search Committee (2006)
- Curriculum Committee (2004, 2005, 2006)
- Co-advisor of Upsilon Pi Epsilon Computer Science Honor Society (2005, 2006)
- Advising load: 40 students / semester
- Lab worker coordinator (Fall 2004)
- Teaching CMPS 431 (Operating Systems) students with no charge (Fall 2005)
- Judging students' science projects at the Region 8 Science Fair (2004 – 2005)