

Conferences

September 27-30, 2010
[ISDDE](#)

Oxford, UK
[Event Website](#)

October 7-8, 2010
[Science2010:
Transformations](#)
Pittsburgh, PA
[Event Website](#)

October 18-20, 2010
[2010 International
Multi-conference
on Computer Science
and Information
Technology](#)
Wisla, Poland
[Event Website](#)

October 29-30, 2010
[International Conference
on Artificial Intelligence
and Education](#)
Hangzhou, China
[Event Website](#)

November 5-7, 2010
[Boston University
Conference on Language
Development](#)
Boston University
[Event Website](#)

November 18-21, 2010
[Psychonomic Society
Annual Meeting](#)
St. Louis, Missouri
[Event Website](#)

December 14-17, 2010
[ICDM 2010: 10th IEEE
International Conference
on Data Mining](#)
Sydney, Australia
[Event Website](#)

The Intelligent Systems Program (ISP)

The Intelligent Systems Program (ISP) is an interdisciplinary graduate program in Artificial Intelligence (AI) that offers students opportunities for advanced research and training in a number of fields. ISP faculty represent departments and schools across the university spectrum including computer science, cognitive psychology, information science, education, law, and more. Students are encouraged to explore concentrations in specific areas such as medical diagnosis, intelligent tutoring, natural language generation and discourse, case-based reasoning, and problem solving. Faculty/student collaboration is an integral aspect of the program, giving students the opportunity to present their own research—and garner awards (See Kudos).

The program was begun by Richmond Thomason, then in Linguistics, and Alan Lesgold as a University-wide artificial intelligence doctoral program, with support by Dr. Thomas Detre. The first efforts to conceive such a program were strongly facilitated by Dr. Harry Pople, then a professor in the Katz School. Shortly after its formation, the first faculty member recruited explicitly for the program, Computer Science Professor Bruce Buchanan, was able to arrange details of the program's masters level requirements to facilitate connections with the Department of Computer Science. Similarly, from its beginning, the program has had strong connections to both LRDC and the Department of Medicine.

Anyone interested in the ISP program is invited to join ISP members at two upcoming events: a September 17 Meet & Greet at noon, and a research presentation by new faculty member Jingtao Wang on October 1, 2010, at 2 pm, both in 5317 Sennott Square



Recent Publications

Knutson, K. & Crowley, K. (2010). Connecting with art: How families talk about art in a museum setting. In M. K. Stein & L. Kucan (Eds.), *Instructional Explanations in the Disciplines*. New York: Springer.

Stein, M.K. & Kaufman, J.H. (2010). Selecting and Supporting the Use of Mathematics Curricula at Scale. *American Educational Research Journal*, v47, n3, pp. 663-693.

Kudos...

Kudos to... Diane Litman who has been voted Co-Director of the Intelligent Systems Program (ISP) from September 2010 until August 2011.

Min Chi, Kurt VanLehn, and Diane Litman received the Best Paper Award for “Micro-level Tutorial Decisions Matter: Applying Reinforcement Learning to Induce Pedagogical Tutorial Tactics” at the 10th Int'l Conference on Intelligent Tutoring Systems. The paper is based on Min's dissertation, which she defended ISP last fall. Min and Kurt also won a Best Paper Award in 2009 for “Eliminating the Gap between the High and Low Students through Meta-Cognitive Strategy Instruction..”