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
