

## **\$30,000 NSF IGERT Fellowship Opportunities at the University of Illinois at Chicago**

Outstanding computer science students are invited to apply for interdisciplinary doctoral fellowships in computational transportation science (CTS) at the University of Illinois at Chicago. As a National Science Foundation-funded Integrative Graduate Research Education and Traineeship (IGERT), CTS engages students and faculty from multiple disciplines in collaborative research to solve a broad range of transportation problems. By taking advantage of ubiquitous computing and focusing on the information aspects of transportation, CTS researchers can make an impact on day-to-day transportation. Students interested in topics such as large distributed and mobile systems, wireless and vehicular networking, mobile peer-to-peer computing, sensor fusion, human-computer interaction, privacy and information security will find interesting applications of their work to CTS.

The CTS IGERT affords its students opportunities beyond the scope of traditional doctoral programs, such as an interdisciplinary curriculum, industrial internships and international research experiences. CTS IGERT fellowships provide full tuition and an annual stipend of \$30,000 for two years, as well as research and travel funds.

UIC is the largest public research university in the Chicago area and its 25,000 students comprise one of the most diverse student bodies in the country. It ranks among the top 50 universities in the US for federal research support. The Department of Computer Science is one of the leading research units at UIC, with annual research funding exceeding \$8 million. Its laboratories develop and manage projects involving public and private sector partners including the Illinois Department of Transportation, Argonne National Laboratory, and Motorola.

Students must apply BOTH to a participating doctoral program (computer science, urban planning and policy, civil and materials engineering, mechanical and industrial engineering, and information and decision sciences) using the usual UIC graduate student application process AND directly to the IGERT program. Fellows will be selected based on students' records and research interests, as well as balance among participating programs and faculty. Promoting diversity in the sciences is integral to the IGERT mission and members of underrepresented minority groups are especially encouraged to apply. US citizenship or permanent residency is required. Visit the CTS IGERT website at <http://cts.cs.uic.edu/> to download the short application form, and for additional information.

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