

RAPIDS Laboratory

Research, Development and Education for Leaders in Safety & Technology

RAPIDS Student Wins Construction Industry Institute Award on Safety Research

Fullerton, a senior undergraduate student in Civil and Environmental Engineering, serves as research assistant in the Real-time Automated Project Information and Decision Systems (RAPIDS) laboratory under Dr. Jochen Teizer.

In a peer-reviewed process, the academic committee of CII invited students, faculty, and university researchers to submit abstracts based on their research. The top ten abstracts were then identified and finalists were asked to present to more than 500 attendees during both days of the conference. Academic and industry judges selected the top poster based on the novelty of the research topic, impact on the industry, poster appearance, and oral presentation.



The topic of the winning poster was “Pro-Active Proximity Sensing and Warning Technology”. In her work at the RAPIDS laboratory, Clare is part of a graduate research team that includes Ben Allread, Jeff Bohn, and Manu Venugopal. The team focuses, among other research topics, on improving the safety performance in construction and infrastructure industries using intelligent real-time and pro-active remote sensing and warning technologies. Fullerton has also won the Presidential Undergraduate Research Award (PURA).

Research and travel was supported by Leica Geosystems Inc., Fluor Corporation, Southern Company, and the Undergraduate Research Opportunities Program (UROP) at Georgia Tech.

The RAPIDS laboratory is located in the School of Civil and Environmental Engineering at Georgia Tech and is headed by CEE Assistant Professor Jochen Teizer. RAPIDS develops and uses both commercial and prototype sensing technologies to collect and process construction and transportation data. Presently, the research group concentrates on an inference management framework in the areas of real-time 4D site management and real-time active work zone safety. For more information about the RAPIDS laboratory, visit <http://www.teizer.com>.



For more information concerning this research topic or program, please contact:

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