



Open Graduate Assistantship Positions at I-SoS Laboratory

The Infrastructure System-of-Systems (I-SoS) Laboratory in the OHL School of Construction in the College of Engineering and Computing at Florida International University (FIU) recruits graduate research assistants (RA) at Ph.D. level for Fall 2013 and Spring 2014. Full financial support will be provided for graduate assistants.

I-SoS laboratory is directed by Dr. Ali Mostafavi (Assistant Professor – Starting August 2013) and is a research group focusing on cutting-edge interdisciplinary research at the interface of engineering, science, and policy, including the following areas: Sustainable Infrastructure Systems, Resilience Engineering and Uncertainty Modeling, Data Analytics for Sustainable Construction, and Simulation and Modeling of System-of-Systems.

Required Qualifications

An outstanding candidate should have the following qualifications:

- Strong academic background (high GPA) in one of the following areas:
 - Civil and Environmental Engineering
 - Industrial and Systems Engineering
 - Engineering Management
 - Computer Science
- Strong computational, mathematical, and analytical skills
- Excellent written and communication skills in English (Excellent TOEFL and GRE scores)
- Proficiency in object-oriented programming
- A reasonable record of academic publications
- Highly motivated, ambitious, self-driven, and team player
- Active involvement in extracurricular activities is an advantage

How to Apply:

Interested qualified candidates should directly send a copy of their CV, one-page letter of interest, and sample publications to Dr. Ali Mostafavi at: isos.laboratory@gmail.com or amostafa@purdue.edu. Early applications will be given priority consideration.



About FIU

Florida International University is classified as a top-tier Research University with high research activity by the [Carnegie Foundation](#), and is a first-tier research university as designated by the [Florida Legislature](#). Its [colleges and schools](#) offer more than 180 [bachelor's, master's and doctoral](#) programs in fields such as engineering, international relations, architecture, law and medicine. As one of South Florida's anchor institutions, FIU is worlds ahead in its local and global engagement, finding solutions to the most challenging problems of our time. FIU emphasizes research as a major component of its mission and enrolls 48,000 students in two campus and three centers including FIU Downtown on Brickell and the Miami Beach Urban Studios. More than 160,000 alumni live and work in South Florida. [FIU is a member of the Sun Belt Conference](#) and has 400 student-athletes participating in *17 sports*. *In 2010 the Panthers won their first bowl game*. For more information about FIU, visit <http://www.fiu.edu/>.
(Source: Wikipedia)

The University is strategically located in one of the largest construction markets in the United States, with the opportunity for the students' involvement with major construction firms and organizations. The OHL School of Construction enjoys tremendous support from the local construction industry which provides unique opportunities for the students to establish professional contacts, pursue collaborations with the industry, and exploit career opportunities.

About Miami

Miami is located on the Atlantic coast in southeastern Florida with a tropical climate. Miami is a major center and a leader in finance, commerce, culture, media, entertainment, the arts, and international trade. In 2010, Miami was classified as an Alpha- World City in the World Cities Study Group's inventory. In 2010, Miami ranked seventh in the United States in terms of finance, commerce, culture, entertainment, fashion, education, and other sectors. It ranked thirty-third among global cities. The Miami's quality of life indices are above the national averages in the U.S.: <http://www.clrsearch.com/Miami-Demographics/FL/Quality-of-Life>

(Source: Wikipedia)