

POSTDOCTORAL PRESEARCH ASSOCIATE POSITION FLORIDA ATLANTIC UNIVERSITY

AREAS OF RESEARCH

Transportation Operations and Freight Transportation and Logistics / Smart Mobility and Simulation

OVERVIEW OF POSITION

The Freight Mobility Research Institute (FMRI) at Florida Atlantic University (FAU) is currently accepting applications for a Postdoctoral Research Associate position in Transportation Engineering who would like to join our research team in the areas of Smart Cities and City Logistics. The FMRI research facility a state-of-the-art laboratory that excels in both transportation operations and field experiments.

PRIMARY RESPONSIBILITIES

Successful candidates will join FAU's TIER 1 University Transportation Center, Freight Mobility Research Institute (FMRI) under the supervision of Dr. Evangelos I. Kaisar, in Boca Raton, Florida. The center focuses on research & development that improves freight mobility by conducting research in the areas of Transportation Planning and Modeling, Freight Transportation, Smart cities and City Logistics. The center's main goals focus on the promotion of smart cities, improvement of multimodal connections, development of sustainable systems, and security using data modeling and analytical tools to optimize freight movements and improve efficiency.

The successful candidates will be working primarily in the fields of *Freight Operations, City Logistics Pilot Studies, E-Commerce and Last Mile Deliveries, as well as Logistics and Supply Chain, utilizing Information Technology, Artificial Intelligence, Simulation Modeling and Data Analysis techniques*. They are expected to carry out cutting-edge research under minimal supervision and prove impeccable leadership skills as lead authors and coordinators of projects and publications (project proposals, quarterly and final reports, peer reviewed journal articles and conference proceedings). In addition, they will be mentoring graduate and undergraduate research assistants and contribute to organization of event (workshops, meetings and symposia). FMRI is a multi-university consortium led by FAU, including Hampton University, Portland State University, Texas A&M University, University of Florida, University of Memphis, and University of Minnesota. For more information, please visit <http://eng.fau.edu/research/fmri/>.

Florida is the third most populous state in the US with forecasted continued growth. It provides a diverse environment for transportation logistics issues and research as the home to multiple metropolitan area and numerous deep-water seaports, commercial airports, public transit systems, and a large system of smart transportation infrastructure. The FAU Boca Raton campus is one of the most beautiful university campuses in the nation, 30 minutes away from two international airports [Fort Lauderdale-Hollywood International Airport (FLL) and & Palm Beach International Airport (PBI)] and 45 minutes away from Miami International Airport. City of Boca Raton is one of the most beautiful cities in Florida, located in Palm Beach County, Florida. Today the city of Boca Raton remains a vibrant and culturally diverse city. The city is rich in international cultures with a variety of recreational activities that provide an outstanding quality of life.

MINIMUM QUALIFICATIONS AND EXPERIENCE

- Ph.D. in Engineering or relevant scientific field, or equivalent combination of education and experience.
- Extensive knowledge in freight transportation, logistics and supply chain with a record of excellence evidenced by journal publications, scholarships.
- Excellent inter-personal and communication skills, and demonstrate ability to work indecently and in a group project.
- Excellent personal time and project management skills, and experience in managing tasks in interdisciplinary projects.

DURATION OF THE POSITION

The position is expected to start Fall 2021 or later with an initial appointment period of one year and an opportunity to extend the position to multiple years, depending on availability of funding availability. The position is open immediately, and a successful applicant should be able to start shortly after acceptance. The position offers a competitive salary and benefits based on qualifications and experience. The benefit package can be found at: <https://www.fau.edu/research-admin/postdoc-affairs/benefits/>.

APPLICATION SUBMISSION

Interested applicants should submit one .pdf document with a letter of interest, curriculum vitae, a brief research statement, and contact information with a minimum of three professional references. The documents should be sent to Ms. Beatriz Bresani at bbresani@fau.edu. The applicants are encouraged to submit their applications as soon as possible. Short-listed applicants will be invited for a Skype interview. Applicants must be able to legally work in the U.S. International candidates eligible for Post Competition Optional Practical Training (OPT) are welcome to apply. Women and under-represented minorities are strongly encouraged to consider this opportunity. Florida Atlantic University is an Equal Opportunity/Equal Access Institution. Individuals with disabilities requiring accommodation, please call 561-297-3057. TTY/TDD 1-800-955-8771.

Consideration of the received applications will begin immediately, and will continue until the position is filled.