The C²SMART Center is seeking a Research Associate to participate in and lead transportation research projects being conducted at the center. The candidate will support faculty, staff, and student researchers, and be primarily responsible for overseeing the execution of project tasks and deliverables. Broadly, the Research Associate will lead or support the following tasks:

- Data analysis, modeling, statistical analysis, and associated documentation per sponsor/client requirements
- Visiting field sites to conduct and in some cases take the lead on administering surveys, recording and collecting data, participating in field tests, and deploying and testing new equipment such as sensors
- Lead specific tasks that require creation and calibration of simulation models, development of performance measures, and studying and understanding trends relationships from big datasets
- Documenting research activity and disseminating/presenting key findings and research activity to sponsors and partners

This position provides an excellent opportunity to work at the cutting edge of transportation planning and engineering research, with exposure to current and anticipated challenges transportation agencies and companies are facing in the New York-area. The successful candidate will have a wide-range of exposure to various transportation tools and emerging technologies, as well as experience developing and implementing new products and solutions into practice. C²SMART’s activity goes beyond the academic setting, and this position will be critical to bringing advances in technology into the real world.

The requirements for this position are as follows:

- A master’s degree in civil engineering, transportation, or related from an accredited college and 2+ years of experience in transportation
- A Ph.D. in transportation engineering is preferred but not required
- Comprehensive experience in simulation and modeling software such as Paramics, Aimsun, TransCAD, CUBE, VISSIM, or related
- A proven ability to script, develop models, & conduct data analysis on large datasets with knowledge of both traditional and emerging data storage technologies (e.g. cloud-based, unstructured, etc.)

To apply, please visit https://apply.interfolio.com/47911

New York University is an Equal Opportunity Employer. NYU does not discriminate due to race, color, creed, religion, sex, sexual orientation, gender and/or gender identity or expression, marital or parental status, national origin, ethnicity, citizenship status, veteran or military status, age, disability, unemployment status or any other legally protected basis, and to the extent permitted by law. Qualified candidates of diverse ethnic and racial backgrounds are encouraged to apply for vacant positions at all levels.