

University of Michigan Transportation Research Institute Postdoctoral Researcher Position Openings

The University of Michigan Transportation Research Institute (<http://www.umtri.umich.edu>) is a global leader in conducting research and development that improves the safety and sustainability of surface transportation systems. UMTRI invites applications for two postdoctoral researcher positions in the area of connected and automated transportation systems development. Areas of particular interests include design and implementation of dedicated testing facilities for connected and automated vehicles (CAVs), design and implementation of a driverless city with mobility as a service, big data management and analytics for CAVs, monitoring, modeling, and control of connected and automated transportation systems. The responsibilities of the position include collaborating with faculty, staff, and students on research projects, interacting with sponsors and external collaborators, writing technical reports, conference papers, and journal articles, and presenting at conferences and technical meetings. International travel might be needed to conduct the research projects.

Required Qualifications

The positions require a Ph.D. in engineering or the physical sciences, with an emphasis on transportation research. Candidates with practical knowledge in one or more of the following areas are preferred: CAV data standards, testing procedures, CAV data capture and visualization, as well as roadway design and traffic signal control systems. Candidates are required to have strong core fundamentals that allow them to work across disciplinary boundaries.

Background Screening

The University of Michigan conducts background checks on all job candidates upon acceptance of a contingent offer and may use a third party administrator to conduct background checks. Background checks will be performed in compliance with the Fair Credit Reporting Act. Contact Information UMTRI plans to fill the position as soon as the right candidates are identified. Review of applications will begin immediately and will continue until the positions are filled.

Application Procedure

Interested applicants should formally apply for the position by clicking the "Apply Now" button located in the following web site: http://careers.umich.edu/job_detail/137268/postdoctoral_researcher. In addition a cover letter and curriculum vitae are required for applicants to be considered. The cover letter should specifically indicate your reasons for interest in this position and should describe your particular skills and experiences related to this position. All inquiries should be directed to Dr. James Sayer (jimsayer@umich.edu) or Dr. Henry Liu (henryliu@umich.edu).

UM EEO/AA Statement: The University of Michigan is an equal opportunity/affirmative action employer.