



Engineering Research Professor/ Scientist in Transportation Systems
University of Michigan Transportation Research Institute
(UMTRI)

Applications are invited to immediately fill a research faculty position with the University of Michigan Transportation Research Institute (UMTRI). Applicants are sought who qualify for the rank of Associate Research Scientist, Research Associate Professor, or higher. The successful candidate will lead one of UMTRI's engineering-based research groups and will be expected to develop and maintain a leading edge research program. Responsibilities will include planning and promoting a research agenda, conceiving and articulating research methods, cultivating collaborative research partnerships, securing research sponsorship, and publishing research findings in peer-reviewed journals and conference proceedings.

Areas of particular relevance are vehicle communications and information systems, active vehicle safety systems, intelligent transportation systems (ITS), heavy truck systems, and emerging powertrain systems. In all these areas, UMTRI focuses on system-level issues related to motor vehicle safety, efficiency and environmental effects.

Candidates must have a strong national scholarly reputation in transportation research, a strong record of peer-reviewed publications, significant sustained participation in relevant academic and professional meetings, strong training and experience in transportation systems engineering, and a proven track record obtaining research funding from major industry and government sponsors and delivering scientific research in transportation. Candidates should also have demonstrated an ability to develop innovative, preferably large scale, experimental methodologies. Although not a requirement for the position, it is desirable for applicants to have credentials sufficient to secure a joint appointment or participate as a faculty member with an academic unit of the University of Michigan. The position requires a Ph.D. in engineering or the physical sciences, with a preference for at least 8 years of relevant post-doctoral experience conducting research in the transportation areas described above.

UMTRI (<http://www.umtri.umich.edu/news.php>) is a global leader in conducting research and development addressing technological and behavioral issues and problems in the safety and sustainability of surface motor vehicle transportation, and is committed to conducting interdisciplinary research that will further transportation systems knowledge and thereby advance transportation safety, mobility, and sustainability. The approach to research taken by UMTRI is reflected in the great variety of disciplines represented within the Institute, and by its involvement with academic units of the University of Michigan and other universities, the automotive industry, and government agencies.

UMTRI plans to fill this position by the summer of 2011. Review of applications will begin in February 2011 and submissions will be accepted until April 30, 2011. A cover letter and resume are required for applicants to be considered for this position. The cover letter should specifically indicate the reasons for your interest in this position and it should outline your particular skills and experience related to this position. Please send letter of application and resume to Dr. Lawrence Schneider using email ttbahr@umich.edu.

Electronic submission is also required to the University of Michigan employment website at <http://umjobs.org/> job posting # 55037.

The University of Michigan is a non-discriminatory/affirmative action employer.