

University of Michigan
Department of Civil and Environmental Engineering
Faculty Position in Mobility and Transportation Systems

The Department of Civil and Environmental Engineering (CEE) at the University of Michigan invites applicants for a faculty position in the general area of mobility and transportation. We are particularly interested in candidates with expertise in travel behavior analysis, travel demand modeling, decision science, behavioral economics, and who have a strong focus on investigating human response, reaction, interaction, and decision making with connected and automated transportation systems. The preferred start date is August 29, 2022. We seek candidates demonstrating exceptional innovation and creativity and whose interests align with the CEE Department's strategic directions: Human Habitat Experience; Shaping Resource Flows; Adaptation; Autonomy; and Smart Infrastructure Finance. Additional information on the strategic vision and directions of the CEE Department may be found at: <https://strategicdirections.cee.engin.umich.edu/>.

To be considered for this position, a PhD (or equivalent) degree or current enrollment in a PhD-granting program is required. A successful candidate would be encouraged to collaborate with researchers in other departments and colleges across the University (including the University of Michigan Transportation Research Institute and Mcity) and to show abilities to translate fundamental advances into practice. This search is for a tenure-track Assistant Professor position but rank at Associate Professor level with tenure will also be considered. Candidates are expected to develop new courses that complement CEE's existing undergraduate and graduate curricula.

We seek faculty members who embrace our culture of Diversity, Equity and Inclusion (DEI). The College of Engineering's comprehensive, five-year, DEI strategic plan - along with updates on our programs and resources dedicated to ensuring a welcoming, fair, and inclusive environment - can be found at: <https://www.engin.umich.edu/culture/diversity-equity-inclusion/>. The CEE Department's additional DEI initiatives may be found at <https://cee.engin.umich.edu/about/diversity-equity-and-inclusion/>.

Please visit our website at: <https://cee.engin.umich.edu/about/faculty-search/> to submit your application. It must include: 1) cover letter with curriculum vitae; 2) statements of research interests and their alignment with the CEE vision, teaching philosophy, and diversity, equity and inclusion (DEI); 3) a maximum of three representative research products; and 4) names and contact information for five references (three references for applicants at the Assistant Professor rank). Review of applications will begin on December 1, 2021 and will continue until the position is filled. Inquiries regarding this position may be directed to Prof. Henry Liu, the Search Committee Chair, henryliu@umich.edu. Please apply and submit your application at: <http://apply.interfolio.com/96337>.

The vision of the College of Engineering at the University of Michigan is to be the world's preeminent college serving the common good. This global outlook, leadership focus, and service commitment permeates our culture. Our vision is supported by a mission and values that, together, provide the framework for all our activities. Information about our vision, mission, and values can be found at: <https://strategicvision.engin.umich.edu/>.

The University of Michigan Transportation Research Institute (UMTRI, <https://umtri.umich.edu/>) is a global leader in transportation research and a partner of choice for industry leaders, foundations, and government agencies. UMTRI currently maintains the world's largest V2X deployment, the Ann Arbor Connected Environment (AACE). UMTRI also hosts the USDOT Region 5 University Transportation Center, the Center for Connected and Automated Transportation (CCAT, <https://ccat.umtri.umich.edu/>). The University of Michigan's Mcity (<https://mcity.umich.edu/>) is a public-private partnership that brings together academia, industry, and government to advance transportation safety, efficiency, and accessibility. Mcity Test Facility is the world first purposely built connected and automated vehicle test facility.

The University of Michigan is a premier public university with top-rated engineering, medical, law, and business programs, and is an equal opportunity/affirmative action employer.

U-M COVID-19 Vaccination Policy

COVID-19 vaccinations are now required for all University of Michigan students, faculty and staff across all three campuses, including Michigan Medicine. This includes those working or learning remotely. More information on this policy is available on the Campus Blueprint (<https://campusblueprint.umich.edu/vaccine/>) website.