

University of Michigan
Department of Civil and Environmental Engineering
Faculty Position in Structural Materials and Infrastructure Design

The Department of Civil and Environmental Engineering (CEE) at the University of Michigan (UM) is seeking applications for a tenure track or tenured faculty position at the confluence of structural materials and infrastructure design. The search is open-rank. The preferred start date is Sept. 1, 2020. We seek candidates demonstrating exceptional innovation and creativity and who are interested in areas that align with or support the CEE Department's new Strategic Plan which identifies five strategic directions: human habitat experience, adaptation, shaping resource flows, autonomy and smart infrastructure finance. Areas of interest for this position include but are not limited to: new frameworks, theories and materials to enable structural system adaptation, waste valorization in the design of new structural materials and structural systems, or the application of 3-D printing, artificial intelligence, probabilistic methods, autonomous monitoring and repair in the design of materials and infrastructure systems.

To be considered for this position, a PhD (or equivalent) degree or enrollment in a PhD-granting program is required at the time of application. The successful candidate is expected to demonstrate the potential to leverage existing disciplinary strengths within the CEE department, a capacity to collaborate with researchers in other departments and colleges across the University, and show abilities to translate fundamental advances into practice. At associate and full professor levels, a strong record of teaching and mentoring students in courses that complement the CEE undergraduate and graduate curricula, and a development of new courses, is expected.

Please visit our website at: <https://cee.engin.umich.edu/about/faculty-positions/> to submit your application that includes: 1) curriculum vitae, 2) statements of research interests, teaching philosophy, and diversity, equity and inclusion, 3) copies of a maximum of 3 representative research publications, and 4) contact information for 5 references. Inquiries regarding this position may be directed to Prof. Radoslaw L. Michalowski, the Search Committee Chair, rlmich@umich.edu. Applications are requested by Dec. 1, 2019, but will be accepted until the position is filled.

Michigan Engineering's vision is to be the world's preeminent college of engineering serving the common good. This global outlook, leadership focus, and service commitment permeate 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: <http://strategicvision.engin.umich.edu>.

The University of Michigan has a storied legacy of commitment to Diversity, Equity and Inclusion (DEI). The Michigan Engineering component of the University'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: <http://www.engin.umich.edu/college/about/diversity>.

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. The College of Engineering (CoE) is dedicated to the goal of building a culturally and intellectually diverse environment. The CoE is at the forefront of innovation through active collaboration with other campus entities, including the School for Environment and Sustainability, Taubman College of Architecture and Urban Planning, the University of Michigan Energy Institute, and the Graham Environmental Sustainability Institute. For further information about the Department of Civil and Environmental Engineering, go to: <http://cee.engin.umich.edu>.