

Transportation@MIT

The greatest wave of mass mobility is yet to come, and it represents a potential economic, health, and ecological disaster on a global scale. In 2009, to address the grand challenge of future mobility, MIT researchers launched Transportation@MIT, a partnership of MIT's School of Engineering, the Sloan School of Management and the School of Architecture and Planning. Representing 15 departments, this team of more than 200 faculty members identified themselves as already engaged in transportation-related research. Our purpose is urgent and impactful: to mobilize MIT's resources to transform global transportation systems and meet the environmental and mobility needs of the 21st century.

Transportation@MIT has focused its efforts in three main areas: research, community, and education.

This year, 29 MIT faculty members proposed a major research project to the government of Singapore. Named "The Future of Urban Mobility," the project joins researchers as a model of institute-wide collaboration spanning vehicle design, mobile networks, and urban planning.

To build our community, Transportation@MIT initiated a weekly seminar series. The goal of the series was to highlight current MIT research to MIT faculty, staff and students. Our intent was to build networks among MIT's transportation researchers and initiate future collaborations across disciplines.

A comprehensive list of approximately 200 transportation-related subjects was created for student use, and faculty will be evaluating coursework and degree offerings to address unmet needs in transportation education.

In the coming years, our recently formed faculty Advisory Council will guide our progress in research, community, and education activities, and will proactively look for synergies with other Institute groups, such as the MIT Energy Initiative.

Cynthia Barnhart

Director

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More information on Transportation Initiatives can be found at <http://engineering.mit.edu/transportation/>.