National appointments

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Mehrnaz Ghamami named to national role on transportation energy and alternative fuels and technologies

Mehrnaz Ghamami, assistant professor of civil and environmental engineering at Michigan State University, has taken on a national role in the field of Transportation Energy and Alternative Fuels and Technologies with her appointment to two standing committees of the National Academies of Sciences, Engineering, and Medicine.

Ghamami was named a “Young Member” to the Committee on Alternative Transportation Fuels and Technologies (ADC80) and the Committee on Transportation Energy (ADC70) of the Transportation Research Board (TRB), for a three-year term starting April 15, 2017. TRB is one of six major divisions of the National Research Council — a private, non-profit institution serving the public, scientific, and engineering communities.

Ghamami said the ADC70 Committee focuses on energy efficiency related issues and the ADC80 Committee’s task is to consider the implications associated with the introduction, use, and future use of alternative transportation fuels and technologies.

According to the TRB, “As a member, you have been recognized as an expert in your field -- someone who can contribute a valuable perspective on current issues facing the profession. Participation offers committee members..."
opportunities to network with peers and stay current with the latest developments in their field."

Ghamami is an expert on transportation systems analysis, with applications in sustainable transportation (more specifically developing modeling frameworks and algorithms to study issues related to plug-in electric vehicles), transit operations, and travel reliability.

She received a PhD in transportation systems analysis and planning from Northwestern University. Prior to arriving at MSU, she conducted research on alternative fuel vehicles, urban travel reliability using consumer GPS data, and operational reliability of bus routes for the Chicago Transit Authority.

She joined MSU in August 2015.

Related Website: TRB Alternative Transportation Fuels and Technologies Committee
Transportation Research Board
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