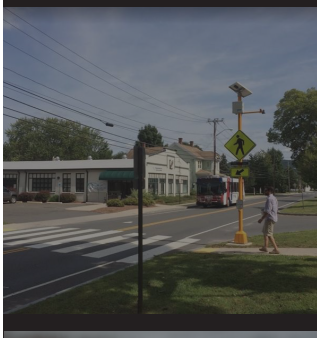
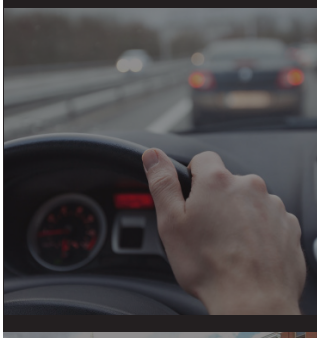
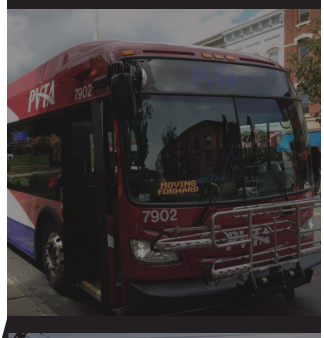
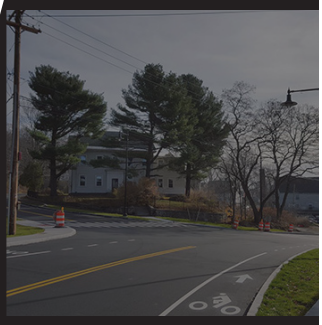
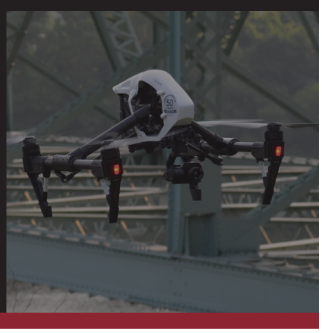
WILLIAM W. BOYER LECTURE SERIES

A Study on Telemedicine Adoption, with Implications for Healthcare, Telecommunications and Land use-Transportation Planning

Research with PhD Student Angela Haddad

Chandra Bhat, Ph.D., P.E.

Director, US DOT National University Transportation Center on Travel Behavior and Demand
University Distinguished Teaching Professor
Joe J. King Endowed Chair Professor in Engineering
Department of Civil, Architectural and Environmental Engineering
Department of Economics (Courtesy Appointment)
The University of Texas at Austin

Telemedicine, also referred to as telehealth, is the practice of using information-communication technology (ICT) to receive medical care or advice remotely from clinicians, either in real-time or asynchronously. In this study, using multivariate econometric models, we identify determinants of telemedicine use in the "after-COVID" period. In addition to investigating telemedicine adoption tendencies, we investigate the underlying reasons for both adopting and not adopting telemedicine in the after-COVID period. The primary data used in this study is obtained from the COVID Future Survey administered to a stratified random sample of households across the U.S. during the period spanning from October to November of 2021. The results contribute significantly to our understanding of telemedicine adoption and its implications, and provide important insights for multiple sectors, including healthcare, telecommunication, and land use-transportation planning.

Friday, April 5, 2024 • 2:30 pm

Amherst Room, 10th Floor, UMass Campus Center

Reception to immediately follow

umtc UMass Transportation Center

UMassAmherst
College of Engineering
Civil and Environmental Engineering

Professor William W. Boyer was instrumental in the development of the UMass Transportation Program in the 1950s, 60s and 70s.