Learn about autonomous mass transportation, equitable development, and corporate innovation centers. How can these emerging trends and issues support economic development in Georgia?

We invite you to join the Program in Science, Technology, and Innovation Policy (STIP) at Georgia Tech and other economic developers and policy makers for presentations on these topics by summer interns.

WHAT: Presentation of STIP Intern Research Projects

WHEN: Wednesday, September 13, 2017, from 12:00 to 1:30 p.m.

WHERE: Hodges Connections Room
Centergy Building at Technology Square
75 Fifth Street, NW, Third Floor, Atlanta, GA 30308

A box lunch will be available for the first 30 guests.

Connected Autonomous Vehicles and MARTA's Last Mile Problem

Nathaniel Horadam is a Master’s student at Georgia Tech in the School of City and Regional Planning. His project explores autonomous and connected vehicle technologies and their potential impact on the Metropolitan Atlanta Rapid Transit Authority’s (MARTA) bus system, with a focus on the “last mile problem.” His research included reviews of academic and industry literature, technology and market potential assessments, and interviews with transportation experts. MARTA’s bus ridership data is used to visualize the application of
emerging autonomous and connected technologies to address system inefficiencies. The study offers recommendations to move MARTA towards more efficient connected autonomous systems.

The Role of Corporate Innovation Centers: A Case Study of Technology Square in Georgia Tech

Revathi Roopini Veriah is a master’s student at Georgia Tech, pursuing a dual degree in City & Regional Planning and Public Policy. Her research project explores the creation of corporate innovation centers at Technology Square. Using press releases, academic articles and semi-structured interviews, she investigates their motivations and activities, as well as the support they have received from Georgia Tech. The project concludes with a list of potential metrics for understanding the benefits of corporate innovation centers.

Green Infrastructure, Social Capital, and Equitable Development

Jessica Fisch is a PhD student at Georgia Tech in the School of City and Regional Planning. Her research focuses on case studies of social capital networks and equitable development planning in three large green infrastructure projects in southern cities, including the 11th Street Bridge Park in Washington, DC; the Atlanta Beltline, and the Cross Charlotte Trail. The research is based on interviews; analysis of master plans and equitable development plans; and a review of the scholarly literature. She concludes with a discussion of the benefits and drawbacks in relying on social capital networks to ensure equitable development in green infrastructure projects, as well as implications for Georgia communities.

More Information

For more information, call Lynn Willingham at 404-894-0730 or e-mail lynn.willingham@innovate.gatech.edu

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