

## Research Vision

The future of public transit must start from the two fundamental motivations:

1. Providing a travel option for those without other means of travel,
2. Providing a resource-efficient means of moving volumes of people.

T-SCORE will consider potential transit visions, such as:

- Transit as a social service
- Consolidation into high-volume, capacity-constrained corridors
- Integrated on-demand multi-modal transit
- Pricing and incentives
- COVID-19 recovery strategy

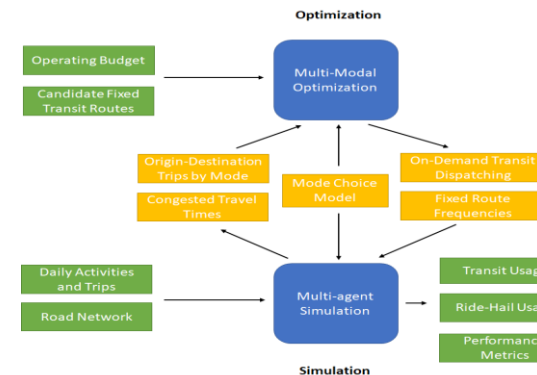
# T-SCORE

## Transit - Serving Communities Optimally, Responsively, and Efficiently (T-SCORE) Center

Aim: Define strategic visions to guide transit into the future and equip planners with tools to translate visions into reality

## Track 1: MMOS

The **Multi-Modal Optimization and Simulation (MMOS) Track** aims to quantitatively evaluate the visions identified during the Strategy Generation activities to answer operational questions.



## Partners, Funding & Schedule



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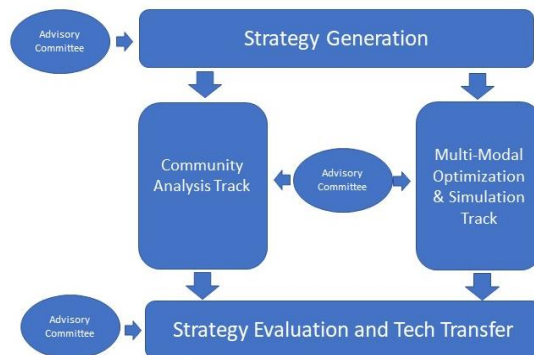
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## Research Approach



The strategy generation stage will generate qualitative descriptions of 3-5 strategic visions. Strategic visions will feed into a two-track research assessment, with results evaluated in the final stage. Tech Transfer passes on policy results & outcomes and evaluation tools.

## Track 2: Community Analysis

The **Community Analysis Track** will employ a combination of quantitative and qualitative research methods to assess ridership trends, identify and measure the markets most effectively served by transit, and assess transit's ability to respond to a changing environment.

- **Project C1:** Transit Agency Short and Long-term Operational Flexibility
- **Project C2:** Latest National Analysis of Ridership Trends
- **Project C3:** Quantifying the Impact of New Mobility on Transit Ridership
- **Project C4:** New Fare Payment Technology and Pricing Strategies for Mobility-as-a-Service (MaaS)

**More info on the website:** <http://tscore.ce.gatech.edu/>