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| UTC Project Information |
| Project Title | Applying SMART to Assess Green Space, Transportation and Health at the Dallas Southwestern Medical District |
| University | Texas A&M Transportation Institute |
| Principal Investigator | Haneen Khreis |
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| Funding Source(s) and Amounts Provided (by each agency or organization) | Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH): $80,000 |
| Total Project Cost | $80,000 |
| Agency ID or Contract Number | 69A3551747128 |
| Start and End Dates | 1/4/2021 – 1/4/2022 |
| Brief Description of Research Project | CARTEEH’s SMART initiative, and the 14 Pathways research project, provide an ideal opportunity for demonstrating the benefits of green space interventions and multimodal transportation such as those contained in plans for the Dallas Southwestern Medical District (SWMD). In this work, we are initiating a research collaboration in this area which can provide a one-of-a-kind, real-world test bed and real-world context-specific data on the benefits of green spaces and multimodal transportation solutions. We will apply and potentially expand the newly developed SMART framework and toolkit to the selected case study in the Dallas Southwestern Medical District, leveraging some existing work and contacts with the City of Dallas, the North Central Texas Council of Governments (NCTCOG), the Texas Nature Conservancy (TNC) and Texas Trees Foundation (TTF), with who the research team has already established working relations. The project has 5 goals: 1) demonstrate how selected portions of the SMART framework and toolkit can be used to assess transportation infrastructure projects, 2) establish the baseline conditions before the implementation of the SWMD projects under the Urban Streetscape Master Plan across 5 selected pathways with important health implications, 3) engage with stakeholders to achieve various outcomes, 4) document potential health outcomes of the assessed pathways to health, in baseline conditions and 5) develop a cross-cutting document with all the above information.  |
| Describe Implementation of Research Outcomes (or why not implemented)Place Any Photos Here | None yet |
| Impacts/Benefits of Implementation (actual, not anticipated) | None yet  |
| Web Links* Reports
* Project website
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