The UNIVERSITY of OKLAHOMA

School of Civil Engineering and Environmental Science

Undergraduate Research Opportunities Available in

TRansportation and Information CommonS Laboratory (TRICS Lab) at OU

Research opportunities for undergraduate students are available from **Spring 2022** (starting January 2022) in the areas of **sustainable**, **equitable**, and **resilient transportation systems** in the School of Civil Engineering and Environmental Science at the University of Oklahoma, Norman, OK, USA. Students are expected to have an interest to work in a multidisciplinary team environment. As a part of the research, students will be involved in identifying **novel design interventions** as well as **data-driven** and **agent-based models** for **transportation networks** (see the TRICS Lab research focus areas below). TRICS Lab research has been funded by National Science Foundation (**NSF**), United States Department of Transportation (**USDOT**) – University Transportation Center (**UTC**), and United States Agency for International Development (**USAID**) among others.

TRICS Lab Focus Areas:

- Transportation Networks
- Travel Demand Modeling
- Traffic Simulation
- Evacuation modeling
- Intelligent Transportation Systems
- Connected and Autonomous Vehicles
- Social influence modeling
- Infrastructure resilience and sustainability
- Interdependent networks

Prospective students with interests in pursuing transportation related research opportunities should email Dr. Arif Sadri (contact details below)

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