



# 2022 Summer Undergraduate Research Internship

Participate in transportation research at the Texas A&M Transportation Institute (TTI) – the largest university-based transportation research institute in the country.

Each student will be paired with a research mentor and will work on an ongoing research project under one of TTI’s three University Transportation Centers:

Safe-D: <https://safed.vtti.vt.edu/>

CARTEEH: <https://www.carteeh.org/about/overview/>

NICR: <https://nicr.usf.edu/>

### RESEARCH TOPICS INCLUDE:

- Connected Vehicles
- Automated Vehicles
- Big Data Analytics
- Transportation as a Service
- Big Data
- Innovative Mobility
- Transit
- Freeway Congestion Management
- Transportation emissions and/or air quality modeling
- Assessment of exposures and health impacts
- Policy and decision making
- Land-use and urban planning

### BENEFITS OF THIS RESEARCH EXPERIENCE:

- Learn more about careers in transportation research
- Explore whether graduate school is right for you
- Meet students from across the country with similar interests
- Learn new skills in conducting and presenting research

### PROGRAM INFO:

May 31-August 5, 2022  
College Station, Texas  
Texas A&M University Campus

### WHO SHOULD APPLY:

Any academic major is welcome, including:

- Civil or other Engineering
- Urban Planning
- Public or Community Health
- Social Sciences
- Statistics or Data Analytics

### REQUIREMENTS:

- Must be a U.S. citizen or permanent resident
- Must have completed junior year (at least 90 hours) by the end of Spring 2022
- Must be on track to graduate no sooner than December 2022

### APPLICATION DEADLINE:

**January 31, 2022**

**Due to COVID-19, the 2020 internships were conducted remotely; 2021 interns chose remote or in-person options. If 2022 internships must be remote for all interns due to COVID-19, it will be announced by April 2022.**

## Funding

- Interns will be paid up to \$6000 in wages for the ten-week period.
- Interns may choose to live in Bryan/College Station for the summer, or to complete their internship remotely. Interns who choose to live in Bryan/College Station for the summer will be provided with housing or an equivalent housing allowance (estimated at \$1500 for ten weeks) and a \$1700 food allowance. *(Note: wages and food/housing allowances are taxable income.)*

## Applicant Eligibility

- Must have a desire to actively participate in research and an interest in the applicable UTC's core focus area:
  - CARTEEH: transportation, air quality, and health
  - SAFE-D: transportation safety
  - NICR: congestion reduction
- Must be a U.S. citizen or permanent resident.
- Must have completed junior year (at least 90 hours) by the end of Spring Semester 2022.
- Must be on track to graduate no sooner than December 2022.

## Participant Requirements and Expectations

- Students selected for the research internship are restricted from enrolling in university courses during the entire 9-week summer period.
- Attendance at internship-related events, including the final poster session (or virtual presentation session, as applicable), is mandatory.
- Students are expected to commit at least 40 hours/week, which includes:
  - Working research hours as determined by the student's research mentor
  - Mandatory internship activity

## Requirements for completion of the program are:

- Research plan
- Abstract
- Progress report
- Final paper
- Poster presentation

## Application Packet Requirements

- Completed application
- Personal essay (maximum 500 words) answering the following question:
  - If applying to CARTEEH: Why is it important to address transportation emissions/air pollution in the context of public health?
  - If applying to SAFE-D: How can your field of study contribute to improvements in traffic safety?
  - If applying to NICR: Why is reducing traffic congestion important for this country?
- A current transcript (can be a downloaded version)
- A letter of recommendation from a faculty member at your college/university

## Deadline

- January 31, 2022, by 5:00 pm CT
- Complete application packets must be received by the deadline, application materials received after this deadline will not be considered.

## Contact Information

Completed applications and any questions regarding this program should be directed to:

Laura Higgins, Associate Research Scientist  
CARTEEH/SAFE-D/NICR Internship Coordinator  
Texas A&M Transportation Institute  
3135 TAMU  
College Station, TX 77843  
Ph. (979) 317-2544 | l-higgins@tti.tamu.edu

Sponsored by the Safe-D, CARTEEH and NICR University  
Transportation Centers

Application details can be found at:

<https://tti.tamu.edu/centers/research-internships/>