

Graduate Research Assistant University of Memphis

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Posted Oct. 10, 2024, set to expire Feb. 8, 2025

Job Title	Graduate Research Assistant
Department	Department of Civil Engineering
Institution	University of Memphis Memphis, Tennessee
Date Posted	Oct. 10, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Graduate Student
Academic Field(s)	Transportation Engineering Civil Engineering

Apply By Email

Job Description

The Center for Transportation Innovation, Education, and Research (C-Tier) at the University of Memphis is seeking highly motivated graduate students to join our research team. This is an exciting opportunity to work on cutting-edge projects in the field of transportation systems, traffic operations, safety analysis, and intelligent transportation technologies.

Responsibilities:

- Conduct research on topics related to traffic safety, transportation systems engineering, driver behavior modeling, and intelligent transportation systems.
- Collect and analyze data using advanced statistical and machine learning tools.
- Develop and validate models for traffic safety and operational performance.
- Contribute to the preparation of technical reports, research papers, and presentations for conferences.
- Assist in grant proposal writing and project management.

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- Collaborate with faculty, researchers, and industry partners to solve real-world transportation problems.

Qualifications:

- Must be enrolled or accepted into a graduate program at the University of Memphis in Civil Engineering or a related field.
- Strong academic background in transportation engineering, traffic operations, or related areas.
- Proficiency in programming languages (Python, R, or MATLAB) and data analysis tools (ArcGIS, QGIS).
- Experience with statistical analysis and modeling is a plus.
- Excellent written and oral communication skills.

Benefits:

- Opportunity to work in a state-of-the-art research facility focused on transportation innovation.
- Mentorship from experienced faculty and researchers.
- Financial support through a graduate assistantship, including a stipend and tuition waiver.
- Exposure to industry-leading projects and potential for networking with academic and industry experts.

Application Process: Interested candidates should submit a resume, cover letter, and provisional transcripts to Dr Sabya Mishra at smishra3@memphis.edu. Selected applicants will be invited for an interview.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr Sabya Mishra
Department of Civil Engineering
The University of Memphis
Memphis, TN



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Contact E-mail smishra3@memphis.edu