

## Graduate Research Assistant University of Memphis

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

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