Postdoctoral Research Fellow
The University of Memphis

Job Title	Postdoctoral Research Fellow
Department	Department of Civil, Construction, and Environmental Engineering
Institution	The University of Memphis
	Memphis, Tennessee
Date Posted	May 25, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Transportation Engineering
	Civil Engineering
Job Website	https://workforum.memphis.edu
Apply By Email	
Job Description	

The Department of Civil, Construction, and Environmental Engineering at the University of Memphis invites applications for a full-time **Postdoctoral Research Fellow** position in the area of **Transportation Systems Engineering**. The successful candidate will work with faculty in the Center for Transportation Innovations in Education and Research (C-TIER) on multiple interdisciplinary projects focused on emerging technologies in transportation.

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Primary research areas include—but are not limited to—connected and automated vehicles (CAVs), vehicle telematics, transportation electrification, traffic safety, virtual/augmented reality (VR/AR) applications, and advanced transportation operations modeling. The postdoctoral fellow will contribute to federally and state-funded research, mentor graduate and undergraduate researchers, support proposal development, and publish findings in high-impact journals and conferences.

Minimum Qualifications:

- Ph.D. in Civil Engineering, Transportation Systems, Operations Research, Applied Mathematics, or a closely related field (or dissertation defended prior to start date)

- Strong background in transportation planning, safety, or operations

- Demonstrated experience with travel demand modeling tools (e.g., TransCAD, Visum), traffic simulation software (e.g., VISSIM, SUMO, Synchro), and GIS platforms (e.g., ArcGIS, QGIS)

- Programming proficiency in Python, R, MATLAB, or C++ is preferred

- Strong communication skills and a proven track record of scholarly publications

The position is full-time, benefits-eligible, and initially funded for 12 months with the possibility of renewal based on performance and funding availability. Review of applications will begin immediately and will continue until the position is filled.

For more information, please contact Dr. Sabya Mishra at smishra3@memphis.edu. To apply, please submit a single PDF including a letter of interest, CV, research statement, teaching philosophy, and contact information for three references via the University of Memphis WorkForum portal.

Contact Information

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Direct Link: https://www.AcademicKeys.com/r?job=257393
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Contact

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