

Position Summary: The Department of Civil and Environmental Engineering, University of Northwestern invites applications for a postdoctoral research position in transportation. The position begins as soon as possible in the broader area of demand-analysis of emerging transportation systems, context/community sensitive transportation policy, development of survey and data-collection and quantitative models. Outstanding candidates with expertise in related areas will also be considered. The successful candidate will work with Dr. Amanda Stathopoulos on projects related to transportation demand modeling, planning and operations (both on passenger and freight sides). The salary starts at 47500 with an initial appointment period of 12 months with possibility of extension to a second year based on performance.

Primary Responsibilities: The candidate is expected to contribute to the design and initiation of new research projects and ideas related to household and firm behavior as new options emerge for urban mobility and freight delivery. The successful candidate will be expected to conduct scholarly research, present research results at international conferences, as well as at internal project meetings, contribute to the formulation and submission of manuscripts for publications in peer reviewed journals, mentor graduate research assistants and participate in teaching/training and research dissemination.

Minimum Qualification and Experience: Candidates should have a Ph.D. (or have successfully defended their dissertation prior to the start date) with a background in transportation. Applicants from civil engineering, applied mathematics, computer science and/or operations research will be preferred but other disciplines will also be considered. The candidate should enjoy working in a multidisciplinary team environment that values problem solving skills and creativity. Requirements include:

- Advanced skills and experience in programming, data processing and analysis
- Ability to work independently on innovative scientific problems demonstrated via a publication record in transportation and/or related fields.
- Excellent oral and written communication skills in English, strong interpersonal and organizational skills

Application Submission: To apply please send the following by [Email](#) with subject line "Postdoc position":

- A motivation letter stating research interest, experience, key competencies, and anticipated date of availability.
- A detailed CV/resume, including degrees, relevant projects and positions with dates, and key relevant publications
- Names and contact information of three references

Preferred applicants should either be permanent residents of the US, or be otherwise eligible to work in the United States on for at least a year following the appointment start.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.



Contacts:

Amanda Stathopoulos, PhD

Assistant Professor of Transportation Systems
Northwestern University
2145 Sheridan Road, Tech A335
Evanston, IL 60208

[Email Amanda Stathopoulos](#)

847-491-5629

Administrative Contact:

George Homsy

Financial Assistant

[Email George Homsy](#)

847-491-3879