

ANMOL PAHWA

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University of California, Davis
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EDUCATION

PhD	University of California – Davis Transportation Engineering	2017 - Present
MS	University of California – Davis Agriculture and Resource Economics	2017 - Present
B. Tech	Indian Institute of Technology (IIT) - Delhi Civil and Environmental Engineering	May 2017

RESEARCH EXPERIENCE

PhD Dissertation		2017 - Present
Title: Evaluating costs and distribution structures in last-mile delivery University of California – Davis Advisor: Dr. Miguel Jaller		
<ul style="list-style-type: none">• Developed state-of-the-art routing tool using Julia• Assessed efficacy for various last-mile delivery distribution structures		
Undergraduate Dissertation		2017
Title: Indicators of Reliability and Variability in Bus Systems Indian Institute of Technology (IIT) - Delhi Advisor: Dr. Geetam Tiwari		
<ul style="list-style-type: none">• Carried out travel time analysis for varied bus routes using Python		

PUBLICATIONS

Journal Publications

Jaller, M., Otero-Palencia, C., & Pahwa, A. (2020). Automation, electrification, and shared mobility in urban freight: opportunities and challenges. *Transportation Research Procedia*, 46, 13-20.

Jaller, M., & Pahwa, A. (2020a). Evaluating the environmental impacts of online shopping: A behavioral and transportation approach. *Transportation Research Part D: Transport and Environment*, 80, 102223.

Pahwa, A., Lakhota, S., & Tiwari, G. (2017). Methodology for using GPS data from buses to assess link-based travel time variation. *Journal of the Eastern Asia Society for Transportation Studies*, 12, 1238-1251.

White Papers

Jaller, M., & Pahwa, A. (2020b). Analytical Modeling Framework to Assess the Economic and Environmental Impacts of Residential Deliveries, and Evaluate Sustainable Last-Mile Strategies.

Rodier, C., Jaller, M., Pourrahmani, E., Bischoff, J., Freedman, J., & Pahwa, A. (2018). Automated vehicle scenarios: Simulation of system-level travel effects using agent-based demand and supply models in the San Francisco Bay area.

Journal Papers in Review

Pahwa, A., & Jaller, M. (Under review). A comprehensive analysis and comparison of different last-mile strategies for ecommerce delivery. *Transportation Research Part E*.

Pahwa, A., & Jaller, M. (Under review). Proximity to customers in last mile delivery operations under short time windows: An empirical analysis in the Los Angeles region. *Flexible Services and Manufacturing Journal*.

PRESENTATIONS AND INVITED LECTURES

Poster Presentations

Pahwa, A., & Jaller, M. (2020). *Evaluating costs and distribution structure in last-mile deliveries under short time-windows*. Paper presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C

Bischoff, J., Rodier, C. J., Pourrahmani, E., Jaller, M., Pahwa, A., & Maciejewski, M. (2019). *Competition among Automated Taxis, Transit, and Conventional Passenger Vehicles: Traffic Effects in the San Francisco Bay Area*. Paper presented at the Transportation Research Board 98th Annual Meeting. Washington, D.C.

Jaller, M., & Pahwa, A. (2019). *Evaluating the Environmental Impacts of Online Shopping: a Behavioral Analysis using the American Time Use Survey (ATUS) Data*. Paper presented at the Transportation Research Board 98th Annual Meeting, Washington, D.C.

HONORS AND AWARDS

National Center of Sustainable Transportation (NCST) fellowship
Research Fellowship

2017

PROFESSIONAL SERVICE

Peer-Reviewed Articles for:

- Networks and Spatial Economics
- Transportation Research Record (TRR)

SKILLS

Languages: Hindi (Native Language), English

Programming languages: Julia, Python, R, VBA, JavaScript

Applications: TransCAD, Maptitude, ArcGIS

OTHER

Hobbies: casual pianist, science blogger, ardent football and Formula 1 fan