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## EDUCATION

- PhD* Civil and Environmental Engineering, University of Maryland, 2024.  
*Dissertation:* Econometric evaluation of transportation policies: Decarbonization & electrification
- M.S* Civil and Environmental Engineering, University of Maryland, 2023
- B.S* Civil Engineering (Hons.), [Indian Institute of Technology Bombay](#), 2018  
Minor Degree in Project Management at [Shailesh J. Mehta School of Management](#)

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## RESEARCH EXPERIENCE

- June* Postdoctoral Research Associate - [ASPIRE NSF Engineering Research Center](#)
- 2024-Now* Civil and Construction Engineering, Purdue University
- 2023-2024* Graduate Research Assistant - Agricultural and Resource Economics Department, UMD
- Oct 2023* Visiting researcher, [Centre for Energy Policy and Economics](#) at ETH Zurich
- 2018-2022* Graduate Research Assistant - Maryland Transportation Institute, UMD
- 2021 to 2023* [RWI-Leibniz Institute for Economic Research](#), Essen, Germany  
*Researcher* in the [Environmental and Resources department](#) (from 10/'21 to 10/'22)  
*Visiting Researcher* (from 11/'22 to 12/'23)

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## PROJECTS

- 2021-2022* “[Smart BEEJS](#): Smart Value Generation by Building Efficiency and Energy Justice for Sustainable Living” commissioned by the European Commission
- 2023-2024* “Role of Public Charging Infrastructure on Electric Vehicle Market Development” supported by the [NBER Economics of Transportation in the 21st Century Initiative](#)

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## PUBLICATIONS

- 2023* **Lavan T Burra**, Stephan Sommer, and Colin Vance, “[Policy Complementarities in the Promotion of Electric Vehicles](#)”, *Energy Policy*, vol. 192
- 2024* **Lavan T Burra**, [Stephan Sommer](#), and [Colin Vance](#), “Identifying Free-Ridership in Subsidies for Company- and Private Electric Vehicles”, *Energy Economics*, vol. 131
- 2024* **Lavan T Burra**, Mohammad B Al-Khasawneh, and Cinzia Cirillo, “Impact of Charging Infrastructure on Electric Vehicle Adoption: A Synthetic Population Approach”, *Travel Behaviour and Society*, vol. 37
- 2023* **Lavan T Burra**, [Chang Shen](#), [Anna Alberini](#), and [Cinzia Cirillo](#), “Do Households Substitute Mileage across their Cars?”, *Transportation Research Part D: Transport and Environment*, vol. 123
- 2021* Anna Alberini, **Lavan T Burra**, Cinzia Cirillo, and Chang Shen, “Counting Vehicle Miles Traveled: What Can We Learn from the NTHS?”, *Transportation Research Part D: Transport and Environment*, vol. 98

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## WORK IN PROGRESS

- 2023* How Does the Public Charging Network Fuel the Plug-in Electric Vehicle Uptake? (with [Joshua Linn](#) and Cinzia Cirillo)

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## BOOK CHAPTERS

- 2024 Cinzia Cirillo and **Lavan T Burra**, “Modelling Vehicle Ownership in an Era of Technological Changes”, in the *Handbook of Travel Behavior*, edited by Potoglou, D. and Spinney, J., Edward Elgar Publishing, Cheltenham, UK

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## TEACHING EXPERIENCE

- 08/2018 - Teaching Assistant at the University of Maryland  
05/2020 Discrete Choice Theory and Modeling, Graduate course (*Fall 2020, Fall 2021, Fall 2023*)  
Computational Methods for Transport Demand Analysis, Graduate course (*Spring 2020, Spring 2021*)  
Introduction to Transportation Engineering and Planning, Undergraduate course (*Fall 2018, Spring 2019*)

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## FELLOWSHIPS AND AWARDS

- 2023-24 Outstanding Graduate Assistant Award, University of Maryland  
2023-24 NBER Fellowship, supported by the Transportation Economics in the 21st Century Initiative  
2023 Pat Timbrook Scholarship Award, Washington DC Section of Institute of Transportation Engineers (WDCSITE)  
2022-2023 Carnegie Mellon University’s Interdisciplinary Transportation Engineering, Economics, and Policy PhD Fellowship supported by the Sloan Foundation  
2023 Best presentation award at the Maryland Transportation Institute (MTI) competition  
2021-2022 Marie Skłodowska-Curie Fellowship under the Smart-BEEJS project, commissioned by the European Union’s Horizon 2020 program  
2021 Lieutenant General John W. Morris II Graduate Fellowship  
2021 ITS Maryland Student Scholarship Award  
2021 Best Masters Research Award in the Department of Civil and Environmental Engineering  
2018-2019 Dean’s Fellowship, University of Maryland (*Fall 2018, Spring 2019*)

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## JOURNAL REVIEWER EXPERIENCE

Energy Economics, Journal of Transport Economics & Policy, Journal of Urban Planning and Development, Transportation Research Board, Land Economics

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## CONFERENCE AND SEMINAR PRESENTATIONS

- 2024 [AERE](#) Annual Conference (*Washington D.C.*); [NAREA](#) Annual Meeting & Workshop (*Delaware, US*); [IIOC](#) (*Boston, US*); Transportation Engineering, Economics, and Policy workshop at [RFF](#) (*Washington, D.C.*)  
2023 [ETH Zurich](#); [TRB](#) Annual Meeting (*Washington, D.C.*); GRAD Conference & MTI Student Seminar (*University of Maryland*); Transurban (*Online*)  
2022 [IAEE](#) European Energy Economics Conference (*Athens*); [VfS](#) Annual Conference on Big Data in Economics (*Basel, Switzerland*); [EAERE](#) Annual Conference (*Rimini, Italy*); [AWEEE](#) Scientific Meeting (*A Toxa, Spain*); [SURED Conference](#) (*Ascona, Switzerland*); [hEART Symposium](#) (*Lewven, Belgium*); [3<sup>rd</sup> Smart-BEEJS](#) Winter/Spring School (*Online*); Conference on Energy and the Environment (*Mannheim, Germany*)  
Before 2020 DC Area Environmental and Energy Economics Workshop, 2019 (*University of Maryland*); Urban Mobility India (UMI) conference, 2017 (*Hyderabad, India*)

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## COMPUTER SKILLS

R, STATA, Python, L<sup>A</sup>T<sub>E</sub>X, MS Office, QGIS (intermediate)