

Gregory L. Newmark

3402 Terrapin Road
Baltimore, Maryland 21208 U.S.A.

Phone: 510-282-8413
Email: gregory.newmark@morgan.edu
URL: <http://www.gregnewmark.com>
ORCID: 0000-0002-8780-8832

Current position

Associate Professor, Morgan State University, Baltimore

Areas of specialization

Transportation Planning • Travel Behavior • Sustainability • Urban Data Analysis

Education

2011 PHD in City and Regional Planning, University of California, *Berkeley*
2006 MSc in Urban and Regional Planning, Technion – Israel Institute of Technology, *Haifa*
1997 BA in History and International Studies, Yale University, *Cum Laude*, ΦBK, *New Haven*

Academic appointments

2023-Present Morgan State University, Graduate Built Environment Studies, Associate Professor, *Baltimore*
2021-Present Kansas State University, Regional & Community Planning, Instructor, *Manhattan*
2021-2023 Kansas State University, Civil Engineering, Research Associate Professor, *Manhattan*
2022 National School of Public Administration (ENAP), Adjunct Lecturer, *Brasilia*
2019-2023 Kansas State University, Master of Public Health Program, Graduate Faculty, *Manhattan*
2015-2021 Kansas State University, Regional & Community Planning, Assistant Professor, *Manhattan*
2013-2015 University of Chicago, Harris School of Public Policy, Adjunct Lecturer, *Chicago*
2012 DePaul University, School of Public Service, Adjunct Lecturer, *Chicago*
2009 San José State University, Urban and Regional Planning, Adjunct Lecturer, *San José*

Professional appointments

2022-Present Planhattan, Principal, *Manhattan*
2013-2015 Center for Neighborhood Technology, Senior Research Analyst, *Chicago*
2011-2013 Regional Transportation Authority, Principal Analyst, *Chicago*
2001-2002 PGL Transportation Engineering and Planning, Transportation Planner, *Tel Aviv*
2000-2001 Israel Ministry of Environmental Protection, Air Quality Researcher, *Jerusalem*
1997-1999 Cambridge Systematics, Transportation Planner, *Cambridge*
Summer 1996 EcoPeace / Friends of the Earth Middle East, Research Intern, *Jerusalem*
1992-1993 Project Renewal, Community Development Volunteer, *Dimona*
1990-1991 US House of Representatives, Congressional Page, *Washington*

Publications

UNDER REVIEW (* INDICATES STUDENT CO-AUTHORS)

- *Lipford, M.W., *Lipford, G.N., Newmark, G.L. & Fitzsimmons, E.J. (2023), An Exploratory Analysis of Fatal Vehicle Crashes in Urban and Rural Kansas in Relationship to Identified Golden Hour Gaps in Hospital Coverage, *Transportation Research Record: Journal of the Transportation Research Board*.
- Newmark, G.L. & *Funk, C.D. (2023), Race, Rail, and the Rider Experience: Using On-Board Survey Data to Assess Transit Equity, *Transportation Research Record: Journal of the Transportation Research Board*.
- Newmark, G.L. & *Funk, C.D. (2023), Assessing Campus Circulator Service, *Transportation Research Record: Journal of the Transportation Research Board*.
- Allen, J.G. & Newmark, G.L. (2023), From Urban to Regional Light Rail, *Transportation Research Record: Journal of the Transportation Research Board*.
- *Peterson, R.F. & Newmark, G.L. (2023), Graphic Guidance for Long-Range Transportation Plans, *Transportation Research Record: Journal of the Transportation Research Board*.
- *Frankel, I., *Liang, J., Fitzsimmons, E.J. & Newmark, G.L. (2023), Reducing Police Crash Risk and Severity, *Police Practice and Research: An International Journal*.
- *Funk, C., Higgins, M.J. & Newmark, G.L. (2023), Operating Subsidies and Transit Efficiency: Applying New Metrics to Old Problems, *Transportation*.
- Newmark, G.L., & Rearick E.L. (2023), Does Metropolitan Motorization Reflect Regional Religious Affiliations? A Social Reference Consideration of Car Ownership, *World Conference on Transport Research*.
- Allen, J.G., & Newmark G.L. (2022), Electrical Specifications, Power Adequacy, and the Premature End of US Rail Freight Electrification, *The International Journal for the History of Engineering Technology*.

JOURNAL ARTICLES (* INDICATES STUDENT CO-AUTHORS)

- 2022 Allen, J.G., & Newmark G.L. (2022), Commuter Rail Electrifications That Never Were and What They Teach Us, *Transportation Research Record: Journal of the Transportation Research Board*, 2677(1), 639-652. <https://doi.org/10.1177/03611981221101028>.
- Allen, J.G., Levinson, H.S., & Newmark G.L. (2022), Urban Motor Coach Companies of the 1920s and their Legacy for Transit, *Journal of Public Transportation*, 24, <https://doi.org/10.1016/j.jpubtr.2022.100024>
- 2021 Allen, J.G., & Newmark G.L. (2021), Access Protocols for Railroads: Reframing the Infrastructure Separation Debate, *Research in Transportation Economics* 89, <https://doi.org/10.1016/j.retrec.2021.101136>.
- Newmark G.L. & Rearick, E.L. (2021), Religious Culture and Rural Car Ownership, *Journal of Transport Geography*, 93, <https://doi.org/10.1016/j.jtrangeo.2021.103035>
- 2020 *Wang, Z., Anthony, J.L., Erickson, L.E., Higgins, M.J., & Newmark G.L. (2020), Nitrogen Dioxide and Ozone Pollution in the Chicago Metropolitan Area, *Journal of Environmental Protection*, 11(8), 551-569. <https://doi.org/10.4236/jep.2020.118033>
- *Berg, A. & Newmark, G.L. (2020), Equity in Pedestrian Plans, *Transportation Research Record: Journal of the Transportation Research Board*, 2674(10), 764-780. <https://doi.org/10.1177/0361198120936256>
- Erickson, L.E., Newmark, G.L., Higgins, M.J. & *Wang, Z. (2020), Nitrogen Oxides and Ozone in Urban Air: A Review of More than 50 Years of Progress, *Environmental Progress & Sustainable Energy*, 39(6), 1-9. <http://dx.doi.org/10.1002/ep.13484>
- Allen, J.G. & Newmark, G.L. (2020), Separating Poor Playmates: Untangling Commuter Rail from Freight, *Transportation Research Record: Journal of the Transportation Research Board*, 2674(1),

- 217–227. <https://doi.org/10.1177/0361198119900499>
- 2019 Allen, J.G. & Newmark, G.L. (2019), Sustainability Without Subsidy: The Public Case for Vertically-Integrated Rail Oligopolies for Freight, *Transportation Research Record: Journal of the Transportation Research Board*, 2673(12), 204-214. <https://doi.org/10.1177/F0361198119843861>
- *Lamba, D., *Alsadhan, M., Hsu, W., Fitzsimmons, E., & Newmark, G.L. (2019) Coping with Class Imbalance in Classification of Traffic Crash Severity Based on Sensor and Road Data: A Feature Selection and Data Augmentation Approach. *Computer Science & Information Technology* 2019, 125-137. <https://doi.org/10.5121/csit.2019.90611>
- 2018 *Rearick, E., & Newmark, G.L. (2018). Reducing Rural Car Ownership: Cultural not Policy Changes? *Transportation Research Record: Journal of the Transportation Research Board*, 2672(6). 1-10. <https://doi.org/10.1177/0361198118790327>
- Allen, J.G. & Newmark, G.L. (2018), The Life and Death of North American Rail Freight Electrification, *Transportation Research Record: Journal of the Transportation Research Board*, 2672(10). 166-175. <https://doi.org/10.1177/0361198118768532>
- 2016 Agrawal, A.W., *Granger-Bevan, S., Newmark, G.L., & Nixon, H. (2016). Comparing Data Quality and Cost from Three Modes of On-Board Transit Surveys. *Transport Policy*, 54. 70-79. <https://doi.org/10.1016/j.tranpol.2016.06.010>
- Koch, M., & Newmark, G.L. (2016). Legislating Transit “Coopetition”: Privatization and Planning Devolution in Germany. *Transportation Research Record: Journal of the Transportation Research Board*, 2543, 45-51. <https://doi.org/10.3141/2543-05>
- Haas, P.M., Newmark, G.L., & Morrison, T.R. (2016). Untangling Housing Cost and Transportation Interactions: The Location Affordability Index Model—Version 2 (LAIM2). *Housing Policy Debate*, 26(4-5), 568-582. <https://doi.org/10.1080/10511482.2016.1158199>
- 2014 Newmark, G.L. (2014). Conducting Visitor Travel Surveys: A Transit Agency Perspective. *Journal of Public Transportation*, 17(4), 136-156. <http://doi.org/10.5038/2375-0901.17.4.8>
- Newmark, G.L. (2014). Assessing the Equity of Changing Travel Behaviors. *Berkeley Planning Journal*, 27, 11-30. <https://doi.org/10.5070/BP327124499>
- Newmark, G.L. (2014). HOT for Transit? Transit’s Experience of High-Occupancy Toll Lanes. *Journal of Public Transportation*, 17(3), 97-114. <http://doi.org/10.5038/2375-0901.17.3.7>
- Newmark, G.L. (2014). Reduced Fare Programs for Older Adults and Persons with Disabilities: A Peer Review of Policies. *Journal of Public Transportation*, 17(2), 165-185. <http://doi.org/10.5038/2375-0901.17.2.8>
- 2012 Newmark, G.L., & Deakin, E.A. (2012). A Climate Change for Modeling: California’s Innovative Legislation Heats up a Frozen Practice. *Transportation Research Record: Journal of the Transportation Research Board*, 2302, 102–110. <https://doi.org/10.3141/2302-11>
- 2011 Barbour, E., Newmark, G.L., & Deakin, E.A. (2011). Determining Fair Share Regional Targets for Reduction of Greenhouse Gas Emissions from Transportation and Land Use. *Transportation Research Record: Journal of the Transportation Research Board*, 2244, 9–17. <https://doi.org/10.3141/2244-02>
- 2008 Elias, W., Newmark, G.L., & Shiftan, Y. (2008). Gender and Travel Behavior in Two Arab Communities in Israel. *Transportation Research Record: Journal of the Transportation Research Board*, 2067, 75–83. <https://doi.org/10.3141/2067-09>
- Osborne, J., & Newmark, G.L. (2008). Successful Historic Streetcar Service: Learning from the San Francisco, California, Experience. *Transportation Research Record: Journal of the Transportation Research Board*, 2042, 50–57. <https://doi.org/10.3141/2042-06>
- 2007 Newmark, G.L., & Shiftan, Y. (2007). Examining Shoppers’ Stated Willingness to Pay for Parking at Suburban Malls. *Transportation Research Record: Journal of the Transportation Research Board*, 2010, 92–101. <https://doi.org/10.3141/2010-11>
- 2005 Newmark, G.L., & Plaut, P.O. (2005). Shopping Trip-chaining Behavior at Malls in a Transitional Economy. *Transportation Research Record: Journal of the Transportation Research Board*, 1939,

- 174–183. <https://doi.org/10.1177/0361198105193900120>
- 2004 Newmark, G.L., Plaut, P.O., & Garb, Y. (2004). Shopping Travel Behaviors in an Era of Rapid Economic Transition: Evidence from Newly Built Malls in Prague, Czech Republic. *Transportation Research Record: Journal of the Transportation Research Board*, 1898, 165–174. <https://doi.org/10.3141/1898-20>
- 2002 Shiftan, Y., & Newmark, G.L. (2002). Effects of In-fill Retail Center Development on Regional Travel Patterns. *Transportation Research Record: Journal of the Transportation Research Board*, 1805, 53–59. <https://doi.org/10.3141/1805-07>
- 2001 Newmark, G.L. (2001). Emissions Inventory Analysis of Mobile Source Air Pollution in Tel Aviv, Israel. *Transportation Research Record: Journal of the Transportation Research Board*, 1750, 40–48. <https://doi.org/10.3141/1750-05>
- 1999 Newmark, G.L. (1999). Rail's Share of Airport Access: Examining the Data. *Transportation Research Record: Journal of the Transportation Research Board*, 1662, 74–81. <https://doi.org/10.3141/1662-09>

RESEARCH REPORTS

- 2024 Fitzsimmons, E.J., Carrick, G., & Newmark, G.L. (2023). *Reducing Traffic-Related Officer Fatalities and Injuries through Technology Enhancements and Policy* (2018-R2-CX-0024), 1–44. Washington, DC: US Department of Justice. [Embargoed until January 2024]
- 2022 Hazelton, S.A., Newmark, G.L., & Fitzsimmons, E.J. (2022). *Development of the KDOT Lane Closure Guide for Wichita, Kansas Metropolitan Area (K-TRAN: KSU-20-1)*, 1–37. Topeka, KS: Kansas Department of Transportation.
- 2018 Newmark, G.L., & Nixon, H. (2018). *Establishing a Central Archive for Transit Passenger Data (Final Report No. WP 18-04)*, 1–36. San Jose, CA: Mineta Transportation Institute.
- 2015 Agrawal, A.W., Granger-Bevan, S., Newmark, G.L., & Nixon, H. (2015). *Comparing Data Quality and Cost from Three Modes of On-Board Transit Passenger Surveys (MTI Report 12-46)*, 1–81. San Jose, CA: Mineta Transportation Institute.

BOOK CHAPTERS

- 2020 Newmark, G.L., & Kaplowitz, W.L. (2020). Defining TOD: learning from California law. In E.A. Deakin (Ed.), *Transportation, Land Use, and Environmental Planning* (pp.419-437). London: Elsevier. <https://doi.org/10.1016/B978-0-12-815167-9.00019-0>

WORKING PAPERS

- 2015 Newmark, G.L., & Haas, P.M. (2015). *Income, location efficiency, and VMT: affordable housing as a climate strategy* (Working Paper). Chicago: Center for Neighborhood Technology.

BOOK REVIEWS

- 2007 Newmark, G.L. (2007). Book Review: *Imagined Cities - Urban Experience and the Language of the Novel* by Robert Alter. *Berkeley Planning Journal*, 20, 157–159. <https://doi.org/10.5070/BP320111930>

JOURNAL SPECIAL ISSUE EDITOR

- 2006 Berkeley Planning Journal, 19. Theme: *Sustainable Transportation in the United States: From Rhetoric to Reality?* https://escholarship.org/uc/ucb_crp_bpj/19/1

Grants & funded research

GRANTS

- 2022 *FY 2023 Global Campus Development Grant for PLAN 741 Topics: Transit Data Analysis*, PI, \$9,000 grant from Kansas State University Global Campus.
FY 2023 Global Campus Development Grant for CDPLN 741 Topics: Happy City, PI, \$9,000 grant from Kansas State University Global Campus.
Second Midwest Commercial Vehicle Safety Summit, PI, with Eric Fitzsimmons (Lead-PI) and Deborah Kirchoff (PI), \$564,161 grant from USDOT Federal Motor Carrier Safety Administration.
Low Population County Capacity Building, PI, with Eric Fitzsimmons (Co-PI), \$67,334 grant from Kansas Department of Transportation.
K-State Bus Route Rider Study, PI, \$2,000 grant for PLAN 741B Transit Data Analysis term project from Kansas State University Parking Services
- 2021 *A Review of Midwest Passing Lane Practices and Recommended Updates to Kansas DOT Passing Lane Policy*, Co-PI with Eric Fitzsimmons (PI), \$70,375 grant from Kansas Department of Transportation
A Multimodal Analysis of Proven Safety Countermeasures in Kansas, PI with Eric Fitzsimmons (Co-PI), \$67,334 grant from Kansas Department of Transportation
- 2020 *Archiving and Analysis of Origin-Destination Transit Rider Surveys*, \$75,000 technical assistance grant from USDOT Federal Transit Administration as a subcontractor to the USDOE National Renewable Energy Laboratory Transportation Secure Data Center
Development and Implementation Guidance for a Traffic Count Extraction Program for Kansas City, Kansas Using KC Scout Sensors Data, Co-PI with Eric Fitzsimmons (PI) and Doina Caragea (Co-PI), \$108,265 grant from Kansas Department of Transportation
Advancing Adoption of GTFS Programs in California, PI, \$129,379 grant from the California Department of Transportation (Caltrans)
Measurement and Prediction of Transit System Performance Using Probe Data Generated through DSRC and non-DSRC Technologies, PI, \$137,827 grant from the California Department of Transportation (Caltrans)
- 2018 *Open/Alternative Textbook for PLAN 801: Quantitative Methods for Planning*, PI, \$3,000 grant from the Kansas State University Open/Alternative Textbook Initiative
- 2017 *FY 2017 Global Campus Development Grant for PLAN 315 Introduction to City Planning*, Co-PI with Jason Brody, \$21,858 grant from Kansas State University Global Campus
Central Archive for Transit Passenger Data, PI, \$4,500 University Small Research Grant from the Kansas State University
The Qualitative Experience of Campus Access: Student Focus Groups, PI, \$1,700 grant from the Kansas State University Green Action Fund
- 2016 *Establishing a Central Archive for Transit Passenger Data* Co-PI with Hilary Nixon, \$5,000 seed grant from the Mineta Transportation Institute (MTI)
Redefining Rural Food Deserts by Transportation Networks, Co-PI with Hyun Jin Kim, \$24,803 pass-through grant from the US Department of Agriculture National Institute of Food and Agriculture (USDA-NIFA) via the North Central Regional Center for Rural Development (NCRCRD) Small Grants Program
- 2015 *Open/Alternative Textbook for PLAN 315: Introduction to City Planning*, PI, \$5,000 grant from the Kansas State University Open/Alternative Textbook Initiative
Campus Access Survey, PI, \$2,450 grant from the Kansas State University Green Action Fund
- 2013 *Comparing Modes of On-Board Transit Passenger Surveys: Assessing Trade-Offs between Data Quality and Cost*, Team Member, \$60,808 grant from the Mineta Transportation Institute (MTI)

FUNDED RESEARCH

- 2022 *Walnut Hills Neighborhood Equity Assessment.* Prepared an equity assessment for an environmental justice neighborhood in Omaha, Nebraska with \$10,154 of funding from the EPA-funded Kansas State University Technical Assistance to Brownfields (KSUTAB) program
- 2019-2020 *Developing an Online Interstate Lane Closure Guide and Work Zone Capacity Analysis for the Wichita, Kansas Metropolitan Area.* Assisted in data analysis and guide development for a \$58,874 project from the Kansas Department of Transportation
- 2017-2020 *Shared Air/Shared Action (SA2): Community Empowerment through Low-cost Air Pollution Monitoring.* Provided air quality analysis, community engagement, and data management as part of a \$750,000 citizen science project from the US Environmental Protection Agency (EPA) Air Pollution Monitoring for Communities (EPA-G2014-STAR-K1)
- 2017-2018 *Park Avenue Neighborhood Equity Assessment.* Prepared a spatial equity assessment for an environmental justice neighborhood in Omaha, Nebraska with \$9,808 of funding from the EPA-funded Kansas State University Technical Assistance to Brownfields (KSUTAB) program

Honors & awards

HONORS

- 2020 Kansas State University Professor of the Week (February 22)
- 2006 University of Maryland National Center for Smart Growth Research and Education, Finalist for Best Master's Thesis on Urban Growth and Development Issues, Thesis: *The Impact of New Suburban Malls on the Sustainability of Shopping Travel*
- 2006 US Environmental Protection Agency (EPA) P3: People, Prosperity, and the Planet Design Competition, Honorable Mention Team in Student Design Competition for Sustainability, Project: *Smart Growth: Infill Development along a Multilane Transit Corridor*

AWARDS (NATIONAL)

- 2004 US Department of Transportation (USDOT) Dwight David Eisenhower Graduate Transportation Fellowship (Tuition and stipend 2004-2007)
- Conference of Minority Transportation Officials (COMTO) Trailblazer Scholarship
- 1996 Udall Foundation Undergraduate Scholarship
- 1992 US Department of Education (ED) US Presidential Scholarship
- US Department of Education (ED) Robert C. Byrd Honors Scholarship
- National Merit Scholarship Corporation (NMSC) National Merit Scholarship

AWARDS (UNIVERSITY)

- 2023 Kansas State University 2023 Dr. Susan Ariola Bosco Putting Students First Faculty Award
- 2022 Kansas State University 2022 Global Campus Excellence in Online Teaching Award

Teaching

- Morgan AUBE 712 Advanced Research in the Built Environment (Fall 2023)
- ENST 738 Seminar in Environmental Studies: Happy City (Fall 2023)
- KSU PLAN 315 Introduction to City Planning (Fall 2015-2022; Summer Online 2019-2023)
- PLAN 667 Transportation Planning (Spring 2016-18, 2023; Fall 2018-19; Summer Online 2021-22)
- PLAN 668 Travel Demand Modeling (Intersession: In-Person 2016,2018; Online 2019-2022)
- PLAN 741A Happy City (Fall 2020; Summer Online 2023)

PLAN 741B Transit Data Analysis (Spring 2021-2022; Summer Online 2023)
 PLAN 801 Planning Methods I (Fall 2016-2019)
 PLAN 815 Planning Theory, Practice, and Ethics (Spring 2016-2021)
 CE 572 Highway Engineering, Planning, and Management (Fall 2017-2019, Co-Taught Course)
 CE 786 Land Development (Fall 2021, In-Person and Online Sections)
 BAE 582/DAS 582/GENAG 582 Natural Resources/Environmental Science (NRES) Project (Fall 2019, Project Mentor)

ENAP ENAP Empirical Methods for Policy Making (Online 2022)
 UChicago PPHA 41010 Transportation Planning and Policy (Spring 2013-2015)
 DePaul MPS 580 Quantitative Methods in Public Service (Spring 2012)
 SJSU URBP 213 Communication Skills for Planners (Fall 2009)
 URBP 204A Quantitative Methods I (Fall 2009)
 URBP 204B Quantitative Methods II (Spring 2009)

Advising (Master's Degree)

MASTER PROFESSOR

2023 Jason Groothuis (*2021-2022 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000; 2020-2021 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000*)
 A.M. Hasibul Islam
 Tyler Tripp (*2021-2022 Dwight D. Eisenhower Graduate Transportation Fellowship \$10,000; 2020-2021 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000*)
 Brennan Walter (*2019-2020 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000*)

2021 Enoch Akowuah
 Caleb Whitehouse

2020 Amber Berg (*2021 American Planning Association Kansas Chapter New Horizon Award - Individual; 2020 KSU RCP Outstanding Master's Report Award; 2019-2020 Dwight D. Eisenhower Graduate Transportation Fellowship \$31,500*)
 Scott Hazelton (*2019-2020 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000*)

2019 Ali Alahmary
 Hamzah Altheeban
 Rachel Foss (*2019 American Planning Association Kansas Chapter New Horizon Award - Individual; 2018-2019 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000; 2017-2018 Dwight D. Eisenhower Graduate Transportation Fellowship \$11,500*)
 Katherine Geist
 Mason Herrman
 Fabiha Mubasirrah
 Andrew Young (*2018-2019 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000; 2017-2018 Dwight D. Eisenhower Graduate Transportation Fellowship \$5,000*)

2018 Alicia Hunter

2021 David Maynard
 Emma Rearick (*2017 KSU RCP Outstanding Master's Report Award; 2016-2017 Dwight D. Eisenhower Graduate Transportation Fellowship \$31,900*)
 Melissa Wilson

COMMITTEE MEMBER

2023 Chloe Gillespie (Landscape Architecture)
 2021 Nicholas Ferrara (Landscape Architecture)
 Grant White

2020 Steven Samuelson
 2019 Samantha Estabrook
 Lesley Frohberg (2019 KSU RCP Outstanding Master's Report Award)
 2018 Taylor Whitaker (2018 KSU RCP Outstanding Master's Report Award)
 2016 Tim Esparza
 Douglas May
 Colin Victory (2016 KSU RCP Outstanding Master's Report Award)
 Jessica Weber (2016 American Planning Association Kansas Chapter New Horizon Award - Individual)

COMMITTEE MEMBER (OUTSIDE DEPARTMENT)

2020 Zixian Wang (Chemical Engineering)
 2019 Jessica Struck (Statistics)

Advising (Doctoral Degree)

COMMITTEE MEMBER

2021 Jack Cunningham, Kansas State University, Civil Engineering
 2020 Saisatha Noomnuai, University of Illinois at Chicago, Public Health

Advising (Undergraduate)

OFFICE OF UNDERGRADUATE RESEARCH CREATIVE INQUIRY (OURCI) RESEARCH AWARDEES

2022 Christina Funk, Kansas State University, Statistics
 2018 Amber Berg, Kansas State University, Regional and Community Planning

Presentations

CONFERENCE PRESENTATIONS WITH FULL PAPER REVIEW

2022 Allen, J. G. & Newmark, G. L. (January 10). *Commuter Rail Electrifications That Never Were: What Do They Teach Us?* Presented at the Transportation Research Board 101st Annual Meeting, Washington, D.C.
 Allen, J. G. & Newmark, G. L. (January 10). *Choosing Tomorrow's Technology Today: Electrification Decisions by North American Railroads*. Presented at the Transportation Research Board 101st Annual Meeting, Washington, D.C.
 2020 Allen, J. G. & Newmark, G. L. (January 14). *Separating Poor Playmates: Untangling Commuter Rail from Freight*. Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.
 Allen, J. G. & Newmark, G. L. (January 14). *Access Protocols for Railroads: Reframing the Infrastructure Separation Debate*. Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.
 *Foss, R. B. & Newmark, G. L. (January 14). *Graphic Guidance for Long-Range Transportation Plans*. Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.
 *Moris, B., *Liang, J., Fitzsimmons, E. J., & Newmark, G. L. (January 14). *Big Loads, Big Challenges, Big Data: Exploring Oversize / Overweight Flows and Crashes*. Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.

- *Frankel, I., *Liang, J., Fitzsimmons, E. J., & Newmark, G. L. (January 13). *Evaluating Police-Caused Crashes*. Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.
- *Berg, A. & Newmark, G. L. (January 14). *Equity in Pedestrian Plans*. Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.
- Newmark, G. L. (January 14). *Renewing Rural Infrastructure: Lessons from the Belvue Bridge Benefit Assessment*. Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.
- Newmark, G. L., & Rearick, E. (January 13). *“Un-separating” Church and Travel? Religious Culture and Rural Car Ownership* Presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C.
- 2019 *Lamba, D., *Alsadhan, M., Hsu, W., Fitzsimmons, E., & Newmark, G. L. (May 25). *Coping with Class Imbalance in Classification of Traffic Crash Severity Based on Sensor and Road Data: A Feature Selection and Data Augmentation Approach*. Presented at the 6th International Conference on Data Mining and Database, Vancouver, BC.
- Allen, J. G., & Newmark, G. L. (January 14). *Sustainability without Subsidy: The Public Case for Vertically-Integrated Rail Oligopolies for Freight*. Presented at the Transportation Research Board 98th Annual Meeting, Washington, D.C.
- Newmark, G. L., Fitzsimmons, E., *Luo, L., & Hsu, W. (January 14) *Can Sensor Data Predict Crash Severity?* Presented at the Transportation Research Board 98th Annual Meeting, Washington, D.C.
- 2018 *Maynard, D., & Newmark, G. L. (January 10). *Bicycling among University Campus Residents: A Policy-Oriented Analysis*. Presented at the Transportation Research Board 97th Annual Meeting, Washington, D.C.
- Allen, J. G., & Newmark, G. L. (January 9). *The Life and Death of North American Rail Freight Electrification*. Presented at the Transportation Research Board 97th Annual Meeting, Washington D.C.
- Allen, J. G., & Newmark, G. L. (January 9). *Partly-Built Rail Transit Projects of the 1920s and 1930s: Learning From Unfinished Starts*. Presented at the Transportation Research Board 97th Annual Meeting, Washington D.C.
- *Rearick, E., & Newmark, G. L. (January 8). *Reducing Rural Car Ownership: Cultural not Policy Changes?* Presented at the Transportation Research Board 97th Annual Meeting, Washington, D.C.
- 2016 Newmark, G. L., & Haas, P. M. (January 12). *Does the Vehicle-Miles Traveled Associated with Location Efficiency Vary by Income Group?* Presented at the Transportation Research Board 95th Annual Meeting, Washington, D.C.
- Koch, M., & Newmark, G. L. (January 11). *Legislating Transit Co-opetition: Privatization and Planning Devolution in Germany*. Presented at the Transportation Research Board 95th Annual Meeting, Washington, D.C.
- 2015 Agrawal, A., Granger-Bevan, S., Newmark, G. L., & Nixon, H. (January 13). *Comparing Data Quality from Three Modes of On-Board Transit Surveys*. Presented at the Transportation Research Board 94th Annual Meeting, Washington, D.C.
- Legorreta, A., & Newmark, G. L. (January 13). *See Spot Taxed: The Global Experience with Parking Levies*. Presented at the Transportation Research Board 94th Annual Meeting, Washington, D.C.
- Newmark, G. L., & Schramm, M. (January 12). *Carsharing-Transit Card: Is It Good for Public Transportation?*. Presented at the Transportation Research Board 94th Annual Meeting, Washington, D.C.
- 2013 Newmark, G. L. (January 16). *Senior and Disabled Reduced Fare Cards: A Peer Review of Policies*. Presented at the Transportation Research Board 92nd Annual Meeting, Washington, D.C.
- Lai, A., & Newmark, G. L. (January 14). *Chicago’s Congestion Parking Tax: An Early Evaluation*.

- Presented at the Transportation Research Board 92nd Annual Meeting, Washington, D.C.
Newmark, G. L. (January 14). *HOT for Transit: How High Occupancy / Toll Lanes Impact Bus Service*. Presented at the Transportation Research Board 92nd Annual Meeting, Washington, D.C.
- 2012 Newmark, G. L., & Deakin, E. A. (January 25). *A Climate Change for Modeling: California's Innovative Legislation Heats up a Frozen Practice*. Presented at the Transportation Research Board 91st Annual Meeting, Washington, D.C.
- 2011 Barbour, E., Newmark, G. L., & Deakin, E. A. (January 24). *Determining Fair Share Regional Targets for Reduction of Greenhouse Gas Emissions from Transportation and Land Use*. Presented at the Transportation Research Board 90th Annual Meeting, Washington, D.C.
- 2009 Newmark, G. L. (January 12). *Comparing Socially Distinct Travel Adaptations to Land Use Change*. Presented at the Transportation Research Board 88th Annual Meeting, Washington, D.C.
- 2008 Elias, W., Newmark, G. L., & Shiftan, Y. (January 14). *Gender and travel behavior in two Arab communities in Israel*. Presented at the Transportation Research Board 87th Annual Meeting, Washington, D.C.
- Osborne, J., & Newmark, G. L. (January 14). *Successful Historic Streetcar Service: Learning from the San Francisco, California, Experience*. Presented at the Transportation Research Board 87th Annual Meeting, Washington, D.C.
- 2007 Newmark, G. L. (January 22). *An Institutional Analysis of Transit Fare Integration*. Presented at the Transportation Research Board 86th Annual Meeting, Washington, D.C.
- Newmark, G. L., & Shiftan, Y. (January 22). *Examining Shoppers' Stated Willingness to Pay for Parking at Suburban Malls*. Presented at the Transportation Research Board 86th Annual Meeting, Washington, D.C.
- 2005 Newmark, G. L., & Plaut, P. O. (January 12). *Shopping Trip-chaining Behavior at Malls in a Transitional Economy*. Presented at the Transportation Research Board 84th Annual Meeting, Washington, D.C.
- 2004 Newmark, G. L., Plaut, P. O., & Garb, Y. (January 14). *Shopping Travel Behaviors in an Era of Rapid Economic Transition: Evidence from Newly Built Malls in Prague, Czech Republic*. Presented at the Transportation Research Board 83rd Annual Meeting, Washington, D.C.
- 2002 Shiftan, Y., & Newmark, G. L. (January 15). *Effects of In-fill Retail Center Development on Regional Travel Patterns*. Presented at the Transportation Research Board 81st Annual Meeting, Washington, D.C.
- 2001 Newmark, G. L. (January 10). *Emissions Inventory Analysis of Mobile Source Air Pollution in Tel Aviv, Israel*. Presented at the Transportation Research Board 80th Annual Meeting, Washington, D.C.
- 1999 Newmark, G. L. (1999, January 14). *Rail's Share of Airport Access: Examining the Data*. Presented at the Transportation Research Board 78th Annual Meeting, Washington, D.C.

CONFERENCE PRESENTATIONS WITH ABSTRACT REVIEW

- 2022 Newmark, G.L., & Fish, J. (November 10) *Standardizing Transit Survey Data*. Presented at the Conference on Advanced Systems in Public Transportation and TransitData 2022, Tel Aviv.
- 2019 Newmark, G.L. (December 15) *Crossing the Green Line*. Presented at the Association of Jewish Studies 51st Annual Conference, San Diego, CA.
- Gibson, H., Zurcher, M., Wisemiller, T., & Newmark, G.L. (October 26). *Building Beyond the Facade: Layering Downtown Spillover Investment*. Presented at the Association of Collegiate Schools of Planning 59th Annual Conference, Greenville, SC.
- Newmark, G. L. (September 24). *Using Low-Cost Air Monitors to Track Pollution from "Burns."* Presented at the 2019 Kansas Public Health Association Conference, Topeka, KS.
- Newmark, G. L. (September 12). *When Inconvenience Improves Equity: Comparing Gendered Distinctions in Shopping Travel between Rural and Urban Residents*. Presented at the 6th

- International Conference on Women's Issues in Transportation (WiiT 2019), Irvine, CA.
- 2018 Newmark, G. L. (Sept 14). *Lessons from the Shared Air/Shared Action: Community Empowerment through Low Cost Air Pollution Monitoring Project*. Presented at the Air Sensors International Conference (ASIC), Oakland, CA.
- Newmark, G. L. (May 11). *Emerging Lessons of Shared Air/Shared Action (SASA): Community Empowerment through Low-cost Air Pollution Monitoring*. Presented at the Makeover Montgomery 4, Silver Spring, MD.
- 2017 Newmark, G. L., & Carver, R. (October 19). *Redefining Rural Food Deserts by Transportation Networks: Case Studies in Kansas and North Dakota*. Presented at the 2016 Kansas Planning Conference, Salina, KS.
- Newmark, G. L. (September 28). *Data Cleaning Protocols for Low Cost Air Monitoring Sensors*. Presented at the 2017 Making Sense of Sensors, Diamond Bar, CA.
- 2016 Newmark, G. L., & Haas, P. M. (November 3). *Income, Location Efficiency, and VMT: Affordable Housing as a Climate Strategy*. Presented at the Association of Collegiate Schools of Planning 56th Annual Conference, Portland, OR.
- Newmark, G. L., & Chamberlain, B. (October 7). *Taxation Policies and Financing and Street Maintenance*. Presented at the 2016 Kansas Planning Conference, Lawrence, KS.
- Rearick, E., & Newmark, G. L. (October 7). *Identifying Rural Leaders in Car Ownership Reduction: Quantitative Approaches to Case Selection*. Presented at the 2016 Kansas Planning Conference, Lawrence, KS.
- Newmark, G. L. (October 7). *Income Disparities in Rural Bicycle Ownership and Use*. Presented at the 2016 Kansas Planning Conference, Lawrence, KS.
- Young, A., & Newmark, G. L. (October 6). *Case Study: Lessons Being Learned from Green Apple Bikes (in Manhattan)*. Presented at the 2016 Kansas Planning Conference, Lawrence, KS.
- Newmark, G. L., & Haas, P. M. (September 15). *Income, Location Efficiency, and VMT: Affordable Housing as a Climate Strategy*. Presented at the European Association of Research in Transport (HEART) 2016, Delft, Netherlands.
- Newmark, G. L. (June 15). *Income Disparities in Bicycle Ownership and Use*. Presented at the International Conference on Transport and Health, San José, CA.
- Newmark, G. L., & Young, A. (May 5). *From Bike-Sharing to Bike-Provisioning: Equity Lessons from the Green Apple Bikes Experiment*. Presented at the Makeover Montgomery III, Silver Spring, MD.
- 2015 Newmark, G. L. (June 16). *Income, location efficiency, and VMT: considering California's affordable housing as climate change policy*. Presented at the NECTAR XIII International Conference, Ann Arbor, MI.
- 2014 Nixon, H., Agrawal, A., & Newmark, G. L. (October 30). *Comparing Modes of On-Board Transit Passenger Surveys: Assessing Trade-offs between Data Quality and Cost*. Presented at the Association of Collegiate Schools of Planning 54th Annual Conference, Philadelphia, PA.
- Newmark, G. L., & Deshazo, R. (July 9). *Revisiting Vehicle Registration as a Funding Strategy*. Presented at the TRB 5th International Conference on Surface Transportation Financing: Innovation, Experimentation, and Exploration, Irvine, CA.
- Newmark, G. L., & Haas, P. (June 6). *Right Sizing Parking*. Presented at the 2014 Transport Chicago Conference, Chicago.
- Newmark, G. L. (May 9). *Right Sizing Parking for Sustainable Suburbs*. Presented at the Makeover Montgomery II, Silver Spring, MD.
- 2013 Newmark, G. L. (June 7). *Visitor Travel Surveys: Issues, Solutions, and Findings*. Presented at the 2013 Transport Chicago Conference, Chicago.
- Newmark, G. L. (June 7). *Developing the Transit Demand Index (TDI)*. Presented at the 2013 Transport Chicago Conference, Chicago.
- 2012 Newmark, G. L., & Fahrenwald, P. (June 1). *Transit, HOT Lanes, and Application to the Chicago Region*. Presented at the 2012 Transport Chicago Conference, Chicago.

- 2011 Newmark, G. L. (February 25). *A History of Travel Demand Modeling in the Bay Area*. Presented at the 2011 University of California Transportation Center (UCTC) Student Conference, Berkeley, CA.
- 2010 Newmark, G. L. (October 8). *The Impact of California's Climate Legislation on the Practice of Travel Demand Modeling*. Presented at the Association of Collegiate Schools of Planning 51st Annual Conference, Minneapolis, MN.
- Newmark, G. L. (March 3). *The History of Innovation in Travel Demand Forecasting*. Presented at the 51st Annual Transportation Research Forum, Arlington, VA.
- 2008 Newmark, G. L. (July 10). *Innovation in the Practice of Travel Demand Modeling: An Historical Examination*. Presented at the Association of Collegiate Schools of Planning (ACSP) and Association of European Schools of Planning (AESOP) Joint Conference, Chicago.
- 2007 Osborne, J., & Newmark, G. L. (June 26). *San Francisco's Historic Streetcar Program*. Presented at the 11th World Conference on Transport Research (WCTR), Berkeley, CA.
- Newmark, G. L. (February 16). *Methods for Assessing the Equity Impacts of Changing Travel Behaviors*. Presented at the 2007 University of California Transportation Center (UCTC) Student Conference, Los Angeles.
- Newmark, G. L. (February 8). *The Equity Impacts of Suburban Shopping Malls on Shopping Travel Behaviors in Central and Eastern Europe*. Presented at the Association of European Schools of Planning (AESOP) Young Academics Meeting, Bratislava.
- Newmark, G. L. (January 21). *Equity in the Political Discourse Surrounding Major Infrastructure Investment: Case of Proposed California High-Speed Rail Network*. Presented at the Transportation Research Board 86th Annual Meeting, Washington, D.C.
- 2006 Newmark, G. L. (February 10). *Can Travel Time Predict Shopping Activity Duration and Expenditure?* Presented at the 2006 University of California Transportation Center (UCTC) Student Conference, Berkeley, CA.
- 2005 Newmark, G. L. (October 30). *Changes in Travel Habits in Prague*. Presented at the Association of Collegiate Schools of Planning 46th Annual Conference, Kansas City, MO.
- 2004 Newmark, G. L., & Deakin, E. A. (November 5). *Evolution of a Multiuse Arterial Corridor: California's San Pablo Avenue*. Presented at the 2nd Annual International Conference on the History of Transport, Traffic and Mobility, Dearborn, MI.
- Newmark, G. L. (March 12). *Travel Time, Trip Frequency, Activity Duration, and Expenditure at Suburban Shopping Centers*. Presented at the 2004 University of California Transportation Center (UCTC) Student Conference, Davis, CA.
- 2002 Newmark, G. L. (January 14). *New Jerusalem Central Bus Station: Enhancing Passenger Security through Design*. Presented at the Transportation Research Board 81st Annual Meeting, Washington, D.C.

PRESENTATIONS: INVITED

- 2022 Newmark, G.L. (November 15). *Public Transit as a Driver of Equity*. Presented at the 2022 KSU DEIB Conference: A Journey to Justice - Bridging Distances and Differences, Manhattan, KS.
- Schank, J & Newmark, G.L. (October 25). *A Zero-fare Transit Debate: Pros & Cons*. Presented at the 2022 Research-to-Practice Transit Symposium, Online.
- Newmark, G.L. (July 21). *Bounding the City and Halacha*. Presented at the Center for Modern Torah Leadership 2022 Summer Beit Midrash, Sharon, MA.
- Newmark, G.L. (January 10). *Beyond Title VI: Making Equity a Priority with Transit Data - An Academic Perspective*. Presented at the Transportation Research Board 101st Annual Meeting, Washington, D.C.
- 2018 Newmark, G.L. (July 21). *Greenhouse Gas Emissions at K-State*. Presented at the Dialogue on Sustainability, Manhattan, KS.
- Newmark, G.L. (July 21). *Using Low-Cost Monitors to Explore Air Quality in Chicago*. Presented at

- the Dialogue on Sustainability, Manhattan, KS.
- 2017 Newmark, G.L. (October 10). *Shared Air/Shared Action (SA2): Community Empowerment through Low-cost Air Pollution Monitoring*. Presented at the Mid-America Regional Council (MARC) Air Quality Forum, Kansas City, MO.
- Newmark, G.L., & Nixon, H. (January 11). *Establishing a Central Archive for Transit Passenger Data*. Presented at the Travel Survey Methods Committee of the Transportation Research Board, Washington D.C.
- 2016 Newmark, G.L., & Kaplowitz, W. (October 17). *Definitions of TOD: Learning from California law*. Presented at the Planning for a More Sustainable Future: Symposium on the Integration of Transportation, Land Use, and Environmental Planning for Equity, Economic Development, and a Healthy Environment, Berkeley, CA.
- 2015 Newmark, G.L. (April 28). *Income, Location Efficiency, and VMT*. Presented at the Housing California 2015 Annual Conference, Sacramento.
- Newmark, G.L. (February 27). *Income, Location Efficiency, and VMT: Considering California's Affordable Housing as Climate Change Policy*. Presented at the University of Illinois, Chicago, Department of Civil and Materials Engineering Seminar Series, Chicago.
- 2014 Newmark, G.L. (September 17). *Right Size Parking*. Presented at the FHWA Contemporary Tools and Approaches for Parking Pricing and Management Workshop, Houston.
- 2012 Newmark, G.L. (March 13). *Assessing the Potential Demand for Public Transit in Chicago's Suburbs*. Presented at the Transportation Research Forum - Chicago Chapter Luncheon, Chicago.
- 2011 Newmark, G.L. (April 14). *Innovation in Travel Demand Modeling*. Presented at the University of California, Berkeley, Department of City and Regional Planning Colloquium, Berkeley, CA.

Service

KANSAS STATE UNIVERSITY

- 2018-2021 Academic & Curricular Affairs Committee, Department of Landscape Architecture and Regional & Community Planning
- 2017-2020 Department Committee on Planning, Department of Landscape Architecture and Regional & Community Planning
- 2015-Present Co-Advisor and Board Member, K-State Hillel
- 2020 Bachelor of Science in Public Health Task Force
- 2018-2019 Academic & Curricular Affairs Committee, College of Architecture, Planning, and Design
- Faculty Search Committee, Civil Engineering
- 2017-2018 Faculty Search Committee, Regional and Community Planning
- 2016 Judge, K-State Graduate Research, Arts, and Discovery (GRAD) Forum
- 2016 Member, K-State Park and Ride Work Group

PROFESSIONAL

- 2001-Present National Academy of Sciences Transportation Research Board, *Washington*
 AEP25 Travel Survey Committee, Member (2017-Present), AEP25(6) Transit Survey Subcommittee Chair (2019-Present); APO90 Transit Data Committee, Member (2021-Present), APO90 Co-Committee Research Coordinator (2021-Present); APO65 Rail Transit Systems Committee, Member (2001-2021), APO65(4) International Subcommittee Chair (2001-2019), APO65 Committee Research Coordinator (2016-2021); APO45 Intermodal Passenger Facility Committee, Member (2001-2007); NCHRP o8-36 Task 123 Survey Size and Weighting, Panel Member; NCHRP o8-36 Task 130 Methods for Making Data Anonymous, Panel Member; TCRP A-40 Manual to Improve Rail Transit Safety at Platform/Train and Platform/Guideway Interfaces, Panel Member. <https://doi.org/10.17226/24690>; TCRP G-16

- Development of Open Data Standards for Demand Responsive Transportation Transactions, Panel Member. <https://doi.org/10.17226/25800>
- 2020-Present California Department of Transportation, *Sacramento*
 Interstate Research Working Group Fall Transit Symposium, Steering Committee Member
- 2017 Mid-America Regional Council, *Kansas City*
 Regional Automated Vehicle Task Force, Participant
- 2016 California Strategic Growth Council, *Sacramento*
 GHG Quantification Project: Expert Panel Convening, Panel Member
- 2016 Dwight David Eisenhower Transportation Fellowship Program, *Washington*
 National Masters Review Panel, Member
- 2015-2016 City of Manhattan, Kansas, *Manhattan*
 Street Maintenance Steering Committee, Member

PEER REVIEWER: JOURNALS

Berkeley Planning Journal; International Journal of Sustainable Transportation; Journal of Transportation and Land Use; Transport Policy; Transportation Research Part D: Transport and Environment; Transportation Research Record: The Journal of the Transportation Research Board

PEER REVIEWER: RESEARCH PROPOSALS

Freight Mobility Research Institute; Mineta Transportation Institute; Mountain-Plains Consortium; National Center for Sustainable Transportation; University of California Transportation Center

Consulting

REVIEWER

- 2018 *Tampa Bay Next Expressway Alternatives: Economic and Fiscal Impact Analysis*, \$350 contract from the Tampa Bay Regional Planning Council (TBRPC)

RESEARCHER

- 2022 *Belvue Bridge Benefit-Cost Analysis and RAISE Grant Application*, Updated the benefit-cost analysis and project narrative materials for the 2022 USDOT RAISE Grant Application to replace the Belvue Bridge. \$6,000 contract from Wabaunsee County
- 2021 *Belvue Bridge Benefit-Cost Analysis and RAISE Grant Application*, Updated the benefit-cost analysis and project narrative materials for the 2021 USDOT RAISE Grant Application to replace the Belvue Bridge. \$5,400 contract from Wabaunsee County
- 2020 *Belvue Bridge Benefit-Cost Assessment*, Developed the benefit-cost assessment and accompanying technical memorandum for the 2020 USDOT BUILD Application to replace the Belvue Bridge. \$3,600 contract from Wabaunsee County
- 2018 *Maps for Teaching the Arab-Israeli Conflict*, Made all the maps using GIS and local and historical data for a 2019 Wayne State Press publication for college educators. \$750 contract from Prof. Rachel S. Harris, Editor
- 2017 *Belvue Bridge Benefit Study*, Prepared the benefit-cost assessment and accompanying policy recommendations for a contested inter-county bridge project. \$4,800 contract from the Pottawatomie Economic Development Corporation (EcoDevo)
- 2015 *Opportunity Analysis Model for Car- and Bike-Sharing*, Estimated the demand for car- and bike-sharing in selected cities by training a statistical model on existing data in a subset of

more resource saturated locations. \$1,500 contract from the Shared-Use Mobility Center (SUMC)

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