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October 17, 2022

***EDUCATION***

- 2004            Ph.D., Urban Planning, UCLA  
Major field: Urban Transportation Planning/Research Methods  
Dissertation: *Does Contracting Matter? The Determinants of Contracting and Contracting's Effects on Cost Efficiency in U.S. Fixed Route Bus Transit Service*  
(Committee: Brian D. Taylor, J.R. DeShazo, Martin Wachs, and Randall Crane)
- 1998            M.A., Urban Planning, UCLA  
Concentration: Environmental Analysis and Policy  
Master thesis (comprehensive project): *The Byzantine Latino Quarter: Creating Community in Los Angeles* (Project Advisor: Anastasia Loukaitou-Sideris)
- 1994            M. Eng., Electrical Engineering, University of Tokyo, Japan  
Emphasis: Control Theory  
Master thesis: *Robust Control of Multi-Mass Torsional System by Frequency Shaping Technique* (in English)
- 1993            University of California Education Abroad Program  
Exchange Student, Mechanical Engineering, University of California, Berkeley
- 1991            B. Eng., Electrical Engineering, Kyoto University, Japan  
Emphasis: Semiconductor Engineering

***ACADEMIC POSITIONS******Administrative Positions***

- 2022 June - Present Director, Urban and Regional Planning and Design (URPD) PhD Program, School of Architecture, Planning & Preservation, University of Maryland, College Park
- 2021- 2022 June    Interim Director, Urban and Regional Planning and Design (URPD) PhD Program, School of Architecture, Planning & Preservation, University of Maryland, College Park
- 2021 Nov.- Present Program Coordinator for the Community Planning and Information Management (CPIM) dual-degree program

***Teaching Positions***

- 2017 August        Associate Professor, School of Architecture, Planning & Preservation, University of Maryland, College Park
- 2011-2017         Assistant Professor, School of Architecture, Planning & Preservation, University of Maryland, College Park  
*Urban Studies & Planning 601: Research Methods*  
*Urban Studies & Planning 612: Geographic Information Systems for Urban Planning*  
*Urban Studies & Planning 631: Transportation and Land Use*

*Urban Studies & Planning 688F: Public Transportation Planning*  
*Urban Studies & Planning 688I: Sustainable Context Sensitive Strategies for Land Use: Development, Design and Transportation (with two other instructors)*  
*Urban Studies & Planning 688M: Intermediate GISs for Planning*  
*Urban Studies & Planning 688N: Urban Transportation Policy and Planning (Economics, Finance, and Policy)*  
*Urban Studies & Planning 708: Community Planning Studio on “Montgomery County Bus Rapid Transit (BRT) Corridor and Station Area Planning” (with another instructor)*

2009-2010 Assistant Professor, Department of Planning and Urban Studies, School of Urban Planning and Regional Studies, University of New Orleans  
*Urban Studies and Planning 2890: Introduction of Transportation Studies*  
*Urban and Regional Planning 4800: Urban Public Finance*  
*Urban and Regional Planning 6000: Transportation Economics, Finance, and Policy*  
*Urban and Regional Planning 6005: Statistics for Urban Analysis*  
*Urban and Regional Planning 6020: Analytic Methods for Planners*

2006-2008 Assistant Professor, Department of Geography and Planning, University of Toledo  
*Geography and Planning 4110&5110: Geographic Information Systems Applications*  
*Geography and Planning 4180&5180: Geographic Information Systems Applications*  
*Geography and Planning 4750&5750: Transportation Geography and Planning*  
*Geography and Planning 6950: Applied Geographics Workshop*

2006 Lecturer, UCLA Department of Urban Planning  
*Urban Planning 256: Travel Behavior Analysis and Modeling*

### **Research Positions**

2022-Present Faculty Affiliate, National Center for Smart Growth Research and Education, University of Maryland, College Park National Center for Smart Growth Research and Education

2020-2022 Abe Fellow, the Social Science Research Council & Japan Foundation (April 2020 – March. 2022)

2020-2021 Kyoto University Guest Scholar, Graduate School of Management, Kyoto University, Japan (May 2020– Jan. 2021)

2020-2021 Research Fellow, Institute of Industrial Science, the University of Tokyo (May 2020 – Jan. 2021)

2020 Visiting Scholar, Institute for Transport Studies, University of Leeds, the UK (Feb. – April 2020)

2018-present Faculty Affiliate, Maryland Transportation Institute, University of Maryland, College Park

2017-2022 Research Associate Professor, National Center for Smart Growth Research and Education, University of Maryland, College Park

2011-2017 Research Assistant Professor, National Center for Smart Growth Research and Education, University of Maryland, College Park

2009-present Research Associate, Mineta Transportation Institute, San Jose State University

2011-2012 Research Affiliate, the Center for Integrative Environmental Research, University of Maryland, College Park

2004-2006 Project Manager/Postdoctoral Researcher, UCLA Institute of Transportation Studies

1999-2004 Project Manager/Graduate Student Researcher, UCLA Institute of Transportation Studies, UCLA Lewis Center for Regional Policy Studies

2000-2002 Graduate Student Researcher, UC Berkeley Institute of Transportation Studies

2000 Graduate Student Researcher, UCLA Lewis Center for Regional Policy Studies

1997-1999 Staff Research Associate/Graduate Student Researcher, UCLA Institute of Transportation Studies

### ***PROFESSIONAL POSITIONS***

1997-1998 Intern, Access Services Inc., Los Angeles

1994-1996 Project Engineer, Japan Motorola Ltd., Japan/Motorola Inc., Chicago and Tokyo

### ***REFEREED JOURNAL PUBLICATIONS***

33 Devin, McNally<sup>^</sup>, Rachel Tillinghast<sup>^</sup>, and **Hiroyuki Iseki**, under review. “Application of GIS Analysis to Obtain Anisotropic Bicycle Catchment Areas with Level of Traffic Stress (LTS) and Energy Consumption,” *Sustainability*.

32 **Hiroyuki Iseki**, under review. “Challenges in Implementing Climate Change Policy within Local Climate Action, Transportation, and Land Use Planning in Japan,” *Climate Policy*.

31 Qiu, Yueming (Lucy), Yi David Wang, **Hiroyuki Iseki**, Xingchi Shen, and Bo Xing. 2022. “Empirical grid impact of in-home electric vehicle charging differs from predictions,” *Resource and Energy Economics*, 67. <https://doi.org/10.1016/j.reseneeco.2021.101275>

30 Oba, Tetsuharu, and **Hiroyuki Iseki**. 2020. “Transportation Impacts on Cityscape Preservation: Spatial Distribution and Attributes of Surface Parking Lots in the Historic Center Districts,” *Journal of Urban Planning and Development*, 146 (2).

29 **Iseki, Hiroyuki** and Hyunjoo Eom<sup>^</sup>. 2019. “Impacts of Rail Transit Accessibility on Firm Spatial Distribution: A Case in the Washington, D.C. Metropolitan Area,” *Transportation Research Record: Journal of Transportation Research Board*, 1-13. (<https://journals.sagepub.com/doi/abs/10.1177/0361198119844464?journalCode=trra>)

28 **Iseki, Hiroyuki**, Chao Liu, and Gerrit Knaap. 2018. “The Determinants of Travel Demand between Rail Stations: A Direct Transit Demand Model Using Multilevel Analysis for Washington D.C. Metrorail System,” *Transportation Research Part A: Policy and Practice*, 116, 635-649.

27 **Iseki, Hiroyuki**, and Robert P. Jones<sup>^</sup>. 2018. “Analysis of Firm Location and Relocation in Relation to Maryland and Washington, DC Metro Rail Stations,” *Research in Transportation Economics*, 67, 29-43.

26 **Iseki, Hiroyuki**. 2016. “Equity in Regional Public Transit Finance: Trade-offs between Social and Geographic Equity,” *Journal of Urban Planning and Development*, 142 (4).

- 25 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. 2015. "Fixed Effects Panel Data Analysis of Gasoline Prices, Fare, Service Supply, and Service Frequency on Transit Ridership in Ten U.S. Urbanized Areas," *Transportation Research Record: Journal of the Transportation Research Board*, 2537, 71–80.
- 24 **Iseki, Hiroyuki** and Mathew Tingstrom<sup>^</sup>. 2014. "A New Approach in the Bikedshed Analysis with Consideration of Topography, Street Connectivity, and Energy Consumption," *Computers, Environment, and Urban Systems*, 48, 166–177.
- 23 Mishra, Sabya, **Hiroyuki Iseki**, and Rolf Moeckel. 2014. "Multi entity perspective freight demand modeling technique: Varying objectives and outcomes," *Transport Policy*, 35, 176–185.
- 22 **Iseki, Hiroyuki** and Michael J. Smart. 2012. "How Do People Perceive Service Attributes at Transit Facilities? An Examination of Perceptions of Transit Service by Transit User Demographics and Trip Characteristics," *Transportation Research Record: Journal of the Transportation Research Board*, 2274, 164-174.
- 21 **Iseki, Hiroyuki** and Alexander Demisch<sup>^</sup>. 2012. "Examining the Linkages between Electronic Roadway Tolling Technologies and Road Pricing Policy Objectives," *Research in Transportation Economics*, 36(1), 121-132.
- 20 **Iseki, Hiroyuki** and Rebecca Houtman<sup>^</sup>. 2012. "Evaluation of Progress in Contractual Terms: Two Case Studies of Recent DBFO PPP Projects in North America," *Research in Transportation Economics*, 36(1), 73-84.
- 19 Rivasplata, Charles, **Hiroyuki Iseki**, and Adam Smith<sup>^</sup>. 2012. "Transit Coordination in the U.S.A: A Survey of Current Practice," *Journal of Public Transportation*, 15(1), 53-73.
- 18 Yoh, Allison C., **Hiroyuki Iseki**, Michael J. Smart<sup>^</sup>, and Brian D. Taylor. 2011. "Hate to wait: The effects of wait time on public transit travelers' perceptions," *Journal of the Transportation Research Board*, 2216, 116-124.
- 17 **Iseki, Hiroyuki** and Brian D. Taylor. 2010. "Style versus Service? An Analysis of User Perceptions of Transit Stops and Stations in Los Angeles," *Journal of Public Transportation*, 13(3), 39-63. (Available at <http://www.nctr.usf.edu/jpt/pdf/JPT13-3Iseki.pdf>)
- 16 **Iseki, Hiroyuki**. 2010. "Effects of Contracting on Cost Efficiency in U.S. Fixed-route Bus Transit Service," *Transportation Research Part A: Policy and Practice*, 44(7), 457-472.
- 15 **Iseki, Hiroyuki** and Brian D. Taylor. 2009. "Not All Transfers Are Created Equal: Toward a Theoretical Framework Relating Transfer Connectivity to Travel Behavior." *Transport Reviews*, 29(6), 777-800.
- 14 Taylor, Brian D., Douglas Miller<sup>^</sup>, **Hiroyuki Iseki**, and Camille Fink<sup>^</sup>. 2009. "Nature and/or Nurture? Analyzing the Determinants of Transit Ridership Across U.S. Urbanized Areas." *Transportation Research Part A: Policy and Practice*, 43(1), 60-77.
- 13 **Iseki, Hiroyuki**. 2008. "Economies of Scale in Bus Transit Service in the USA: How Does Cost Efficiency Vary by Agency Size and Level of Contracting?" *Transportation Research Part A: Policy and Practice*, 42, 1086-1097.
- 12 **Iseki, Hiroyuki**, Allison C. Yoh<sup>^</sup>, and Brian D. Taylor. 2007. "Are Smart Cards the Smart Way to Go? Examining the Adoption of Smart Card Fare Systems among U.S.

- Transit Agencies.” *Transportation Research Record: Journal of the Transportation Research Board*, 1992, 45-53.
- 11 Yoh, Allison C<sup>^</sup>, **Hiroyuki Iseki**, Brian D. Taylor, and Dave King<sup>^</sup>. 2006. “Inter-Operator Transit Smart Card Systems: Are We Moving Too Slow? Or Too Fast?” *Transportation Research Record: Journal of the Transportation Research Board*, 1986, 69-77.
- 10 **Iseki, Hiroyuki**. 2006. “Examining the Relationship between Transit Facilities and Crime Incidents Using GIS,” *CPTED (Crime Prevention through Environmental Design) Journal*, 2(1), 17-24.
- 9 **Iseki, Hiroyuki**, Amy Ford<sup>^</sup>, and Rachel J. Factor<sup>^</sup>. 2006. “Contracting Practice in Fixed-Route Transit Service: Case Studies in California,” *Transportation Research Record: Journal of the Transportation Research Board*, 1927, 82-91.
- 8 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. 2003. “Journeys to Crime: Assessing the Effects of a Light Rail Line on Crime in the Neighborhoods,” *Journal of Public Transportation*, 6(3), 85-115.
- 7 Hess, Daniel B.<sup>^</sup>, Allison Yoh<sup>^</sup>, **Hiroyuki Iseki**, and Brian D. Taylor. 2002. “Increasing Transit Ridership: A Survey of Successful Transit Systems in the 1990s,” *Journal of Public Transportation*, 5(3), 33-66.
- 6 Loukaitou-Sideris, Anastasia, Robin Liggett, and **Hiroyuki Iseki**. 2002. “The Geography of Transit Crime: Documentation and Evaluation of Crime Incidence on and around the Green Line Stations in Los Angeles,” *Journal of Planning Education and Research*, 22, 135-151 (selected for the **Chester Rapkin Award** for the Best Paper in 2002).
- 5 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. 2001. “Bus Stop–Environment Connection: Do Characteristics of the Built Environment Correlate with Bus Stop Crime?” *Transportation Research Record: Journal of the Transportation Research Board*, 1760, 20-27.
- 4 Lejano, Raul P. and **Hiroyuki Iseki**. 2001. “Environmental Justice: The Spatial Distribution of Hazardous Waste Treatment Storage and Disposal Facilities in Los Angeles,” *Journal of Urban Planning and Development*, 127(2), 51-62.
- 3 Taylor, Brian D., Mark Garrett<sup>^</sup>, and **Hiroyuki Iseki**. 2001. “Measuring Cost Variability in Provision of Transit Service,” *Transportation Research Record: The Journal of the Transportation Research Board*, 1735, 101-112 (selected for the 2000 **Pyke Johnson Award** as the Best Paper in the field of Transportation Planning and Administration).
- 2 Loukaitou-Sideris, Anastasia, Robin Liggett, **Hiroyuki Iseki**, and William Thurlow. 2001. “Measuring the Effects of Built Environment on Bus Stop Crime,” *Environment and Planning B: Planning and Design*, 28(2), 255-280.
- 1 Hori Yoichi, **Hiroyuki Iseki**, and Koji Sugiura<sup>^</sup>. 1994. “Basic Consideration of Vibration Suppression and Disturbance Rejection Control of Multi-Inertia System Using SFLAC (State Feedback and Load Acceleration Control),” the *Institute of Electrical and Electronics Engineers (IEEE), Transactions on Industry Applications*, 30(4), 889-896.

## **REFEREED MONOGRAPH**

- 3           **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. 2014. *Net Effects of Gas Price Changes on Transit Ridership in US Urban Areas*, Mineta Transportation Institute, College of Business, San Jose State University, San Jose, California. Report No: CA-MTI-14-1106. 125 pages. (Available at <http://transweb.sjsu.edu/project/1106.html>)
- 2           **Iseki, Hiroyuki**, Charles Rivasplata, Rebecca Houtman<sup>^</sup>, Adam Smith<sup>^</sup>, Carl Seifert<sup>^</sup>, and Tiffany Sudar<sup>^</sup>. 2011. *Examination of Regional Transit Service under Contracting: A Case Study of Greater New Orleans Region*, jointly published by the College of Business, San Jose State University and the Gulf Coast Research Center for Evacuation and Transportation Resiliency, University of New Orleans Transportation Institute. Report No: CA-MTI-11-2904. 164 pages. (Available at <http://transweb.sjsu.edu/project/2904.html>)
- 1           Taylor, Brian D. (PI) and Peter Haas (PI), Brent Boyd<sup>^</sup>, Daniel B. Hess<sup>^</sup>, **Hiroyuki Iseki**, and Allison Yoh<sup>^</sup> (in alphabetical order for all but PIs). 2002. *Increasing Transit Ridership: Lessons from the Most Successful Transit Systems in the 1990s*. U.S. Federal Highway Administration Report FHWA-CA-TO-2002-22. Mineta Transportation Institute, College of Business, San Jose State University, San Jose, California. 145 pages. (Available at <http://transweb.sjsu.edu/MTIportal/research/publications/summary/0122.html>)

## **MONOGRAPH CHAPTERS**

- 5           Hu, Lingqian and **Hiroyuki Iseki**. 2018. “Editorial: Special Issue of the Journal of Transport Policy: Land Use and Transportation Planning in a Diverse World,” in *Transport Policy*.
- 4           Kolozsvari, Douglas, and **Hiroyuki Iseki**. 2014. “Rail Transit Systems, Worldwide,” in *Encyclopedia of Transportation, Social Science and Policy*, SAGE Publications.
- 3           Kolozsvari, Douglas, and **Hiroyuki Iseki**. 2014. “Parking Enforcement,” in *Encyclopedia of Transportation, Social Science and Policy*, SAGE Publications.
- 2           Taylor, Brian D., **Hiroyuki Iseki**, Mark A. Miller, and Michael J. Smart<sup>^</sup>. 2009. “Thinking Outside the Bus: Understanding User Perceptions of Waiting and Transferring in Order to Increase Transit Use,” in *California Policy Options 2009*, Daniel J.B. Mitchell, Editor. Los Angeles: UCLA School of Public Affairs / UCLA Institute of Transportation Studies, 107-117. (Available at [http://issuu.com/uclapubaffairs/docs/ca\\_policy\\_options\\_2009/1?e=1410770/9518148](http://issuu.com/uclapubaffairs/docs/ca_policy_options_2009/1?e=1410770/9518148))
- 1           Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. 2004. “Protecting Against Transit Crime: The Importance of the Built Environment,” in *California Policy Options 2004*, Daniel J.B. Mitchell, Editor. Los Angeles: UCLA School of Public Policy and Social Research / Ralph and Goldy Lewis Center for Regional Policy Studies, 139-156. (Available at <http://www.uctc.net/papers/725.pdf>)

## **REPORTS AND WORKING PAPERS**

- 31           Madden, Maureen<sup>^</sup>, Samuel McCormally<sup>^</sup>, Aliya Mejias<sup>^</sup>, Lawrence Schoen<sup>^</sup>, Matthew Spaniol<sup>^</sup>, and Marta Woldu<sup>^</sup>, with and under the supervision of **Hiroyuki Iseki**. 2022. “University of Maryland Campus Multimodal Transportation Interaction and Conflict Study,” prepared for *URSP631 Transportation and Land Use Planning: Transportation, Land Use, Built Environment, and Urban Form*. Available at:

- <https://arch.umd.edu/research-creative-practice/projects/university-maryland-campus-multimodal-transportation-interaction-and-conflict-study>, Urban Studies and Planning (URSP) Program, the School of Architecture, Planning, and Preservation, University of Maryland, College Park, 41 pages (May 27, 2022).
- 30 Wong, Brittany<sup>^</sup>, and **Hiroyuki Iseki**. 2021. “Report Summary: Electric Vehicle Readiness Among Maryland Local Governments,” based on the report by Philip Isaiah<sup>^</sup>, Catherine Skeeter<sup>^</sup>, Marta Woldu<sup>^</sup>, and Ronnetta Zack-Williams<sup>^</sup>, National Center for Smart Growth and Environmental Finance Center, University of Maryland, College Park, 6 pages.
- 29 Ishise-Matsuo, Miwa, and **Hiroyuki Iseki**. 2020. “Giving up job search because I don’t have a car: Labor market participation and employment status Among single mothers with and without cars,” 15 pages, *Discussion Paper Series*, Research Institute of Economic and Business (RIEB) Administration, Kobe University.
- 28 Liu, Chao, **Hiroyuki Iseki**, and Sicheng Wang. 2017. “Time-of-Day Direct Ridership Model for Maryland Rail Transit,” 46 pages (funded by Maryland Department of Transportation).
- 27 **Iseki, Hiroyuki**, Karitsa Norman, Claire Warner, and Hyunjoo Eom. 2017. “The Case Study of Universal Transit Pass (U-Pass) Programs,” 52 pages (funded by University of Maryland Sustainability Fund).
- 26 Eom, Hyunjoo, **Hiroyuki Iseki**, and Claire Warner. 2017. “University Transport Demand Management: Travel Options Toward Better Sustainable Campus Environment,” 53 pages (funded by University of Maryland Sustainability Fund).
- 25 **Iseki, Hiroyuki**, Chao Liu, Raynell Cooper<sup>^</sup>. 2016. “The Literature Review of TOD Typologies in Six Cases in North America,” prepared for Maryland Department of Transportation and Maryland Transit Administration, 19 pages
- 24 **Iseki, Hiroyuki**, Chao Liu, and Gerrit Knaap. 2015. “Origin-Destination Land Use Ridership Model for Fare Policy Analysis for the Washington Metropolitan Area Transit Authority,” Washington Metropolitan Area Transit Authority, 44 pages with 27 pages of Appendices
- 23 **Iseki, Hiroyuki**, and Robert P. Jones<sup>^</sup>. 2014. “Analysis of Firm Location and Relocation Around Maryland and Washington, DC Metro Rail Stations,” working paper prepared for A Bi-National Symposium Featuring Paris, France, and Washington, DC on “Transit, Transit Oriented Development, and Urban Form (Transit, Development, and Forme Urbaine: Washington et Paris),” *the National Center for Smart Growth & the LABEX Consortium of Research Universities in Paris, France*, Washington, D.C., October 16-19, 2014. 27 pages. (Available at [http://smartgrowth.umd.edu/DC\\_Paris\\_Symp](http://smartgrowth.umd.edu/DC_Paris_Symp))
- 22 **Iseki, Hiroyuki**, Qing Li<sup>^</sup>, and Laura Richards<sup>^</sup>. 2013. “Examination of the Pricing Structure of Toll Facilities by Vehicle Class to Account for Social Costs of Driving and Its Effects on Traffic, Toll Revenue, Emission, and EASL.” Center for Integrated Transportation Systems Management (CITSM) of University of Maryland, College Park. 103 pages.
- 21 Yoh, Allison, Michael J. Smart, Norman Wong, **Hiroyuki Iseki**, and Brian D. Taylor. 2012. *Tool Development to Evaluate the Performance of Intermodal Connectivity (EPIC) to Improve Public Transportation – Phase 2B*, Report No. CA13-1230, prepared for the California Department of Transportation, September 2012. 72 pages.

- 20 Maryland Energy Administration, Maryland Emergency Management Agency, and Maryland Public Service Commission, 2012, *Maryland Energy Assurance Plan*, Maryland Energy Administration, prepared with Assistance from: University of Maryland Center for Health and Homeland Security, University of Maryland Center for Integrative Environmental Research, and National Center for Smart Growth Research and Education (**Hiroyuki Iseki**, Gerrit Knaap, and Rebecca Lewis<sup>^</sup> in an alphabetical order; NCSG's contribution is the work related to the surface transportation sector in regard to the energy assurance plan).
- 19 Kawano, Yoh, and **Hiroyuki Iseki**. 2011. A Report on *GIS Volunteering: Tohoku Kanto Earthquake in Japan: Earthquake/Tsunami relief mission with Crisis Commons – Japan*, the Urban and Regional Information Systems Association (URISA), GISCorps. (Available at [http://www.giscorps.org/index.php?option=com\\_content&task=view&id=102&Itemid=63](http://www.giscorps.org/index.php?option=com_content&task=view&id=102&Itemid=63))
- 18 **Iseki, Hiroyuki**, Chandini Singh<sup>^</sup>, Michael J. Smart<sup>^</sup>, Brian D. Taylor, and Allison Yoh (in alphabetical order), 2010. *Evaluating Transit Stops and Stations: A Tool for Evaluating the Performance of Intermodal Connectivity (EPIC 2A final report)*, prepared for the California Department of Transportation under Contract 65A00267. 65 pages.
- 17 Taylor, Brian D., Rebecca Kalaukas<sup>^</sup>, and **Hiroyuki Iseki**. 2010. *Addressing Equity Challenges to Implementing Road Pricing*, California PATH Research Report, UCB-ITS-PRR-2010-06. California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 69 pages. (Peer reviewed; available at: <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2010/PRR-2010-06.pdf>)
- 16 **Iseki, Hiroyuki**, Brian D. Taylor, and Kansai Uchida<sup>^</sup>, 2009. *Are Public-Private Partnerships a Good Choice for U.S. Highways? A Literature Review*, California PATH Research Report, UCB-ITS-PRR-2009-09. California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 62 pages. (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PWP/2009/PWP-2009-09.pdf>)
- 15 **Iseki, Hiroyuki**, Chandini Singh<sup>^</sup>, Michael J. Smart<sup>^</sup>, Brian D. Taylor, and Allison Yoh (in alphabetical order), 2009. *An Updated Literature Review on the Effects of Out-of-Vehicle Time on Travel Behavior and Implications for Transit Transfers, EPIC 2A Report to the California Department of Transportation, Division of Research and Innovation*. Los Angeles: UCLA Institute of Transportation Studies. 23 pages.
- 14 **Iseki, Hiroyuki**, Jeanette Eckert<sup>^</sup>, Ryan Dunn<sup>^</sup>, Brian D. Taylor, and Kansai Uchida<sup>^</sup>. 2009. *Task B-2: Status of Legislative Settings to Facilitate Public Private Partnerships in the U.S.*, California PATH Research Report, UCB-ITS-PRR-2009-32. California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 36 pages. (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2009/PRR-2009-32.pdf>)
- 13 Demisch, Alexander<sup>^</sup>, **Hiroyuki Iseki** and Brian D. Taylor. 2009. *Examining the Linkages between Electronic Roadway Tolling Technologies and Road Pricing Policy Goals*, California PATH Research Report, UCB-ITS-PRR-2009-31. California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 32 pages. (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2009/PRR-2009-31.pdf>)



- 12 Kalauskas, Rebecca<sup>^</sup>, Brian D. Taylor, and **Hiroyuki Iseki**. 2009. *Task A-2: Implementation and Management of Electronic Roadway Tolling: Lessons from Successful Cases*, California PATH Research Report, UCB-ITS-PRR-2009-11. California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 26 pages. (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2009/PRR-2009-11.pdf>)
- 11 Kalauskas, Rebecca<sup>^</sup>, Brian D. Taylor, and **Hiroyuki Iseki**. 2009. *Task A-1: Motivations Behind Electronic Road Pricing What is the Driving Force Behind the Worldwide Rise in Tolling? A Review of Innovative Road Pricing from Across the Globe*, California PATH Research Report, UCB-ITS-PRR-2009-16. California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 68 pages. (Peer reviewed; Available at: <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2009/PRR-2009-16.pdf>)
- 10 Taylor, Brian D., **Hiroyuki Iseki**, Mark A. Miller, Michael J. Smart<sup>^</sup>. 2009. *Thinking Outside the Bus: Understanding User Perceptions of Waiting and Transferring in Order to Increase Transit Use, Final Report*. California PATH Research Report, UCB-ITS-PRR-2009-8, California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 248 pages. (Available at: <http://www.its.berkeley.edu/publications/UCB/2009/PRR/UCB-ITS-PRR-2009-8.pdf>)
- 9 **Iseki, Hiroyuki**, Alexander Demisch<sup>^</sup>, Brian D. Taylor, and Allison Yoh<sup>^</sup>. 2008. *Evaluating the Costs and Benefits of Transit Smart Cards*, California PATH Research Report, UCB-ITS-PRR-2008-14, California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 46 pages (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2008/PRR-2008-14.pdf>)
- 8 Yoh, Allison C.<sup>^</sup>, **Hiroyuki Iseki**, and Brian D. Taylor. 2008. *Smart Cards, Slow Deployment: Findings from Interviews with U.S. Transit Agencies*, California PATH Research Report, UCB-ITS-PWP-2008-1, California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 56 pages. (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PWP/2008/PWP-2008-01.pdf>)
- 7 DeShazo, J.R. and **Hiroyuki Iseki**. 2006. *Evaluating the Fiscal Impacts of Privatizing Bus Transit Service in California*, UCLA Lewis Center for Regional Policy Studies, California. 27 pages. (Available at [http://164.67.121.27/files/Lewis\\_Center/Publications/workingpapers/Haynes\\_Fin\\_Rep.pdf](http://164.67.121.27/files/Lewis_Center/Publications/workingpapers/Haynes_Fin_Rep.pdf))
- 6 **Iseki, Hiroyuki**, Allison Yoh<sup>^</sup>, and Brian D. Taylor. 2006. *Designing a Policy Framework for a Statewide Transit Smart Card System: Survey on Status of Knowledge and Interest of Smartcard Fare Collection Systems Among US Transit Agencies*, California PATH Research Report, UCB-ITS-PRR-2006-12, California PATH Program, Institute of Transportation Studies, University of California, Berkeley. 65 pages. (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2006/PRR-2006-12.pdf>)
- 5 Yoh, Allison C.<sup>^</sup>, **Hiroyuki Iseki**, Brian D. Taylor, and David A. King<sup>^</sup>. 2006. *Institutional Issues and Arrangements in Interoperable Transit Smart Card Systems: A Review of the Literature on California, United States, and International Systems*, California PATH Research Report, UCB-ITS-PWP-2006-2. California PATH

Program, Institute of Transportation Studies, University of California, Berkeley. 65 pages. (Peer reviewed; available at <http://www.path.berkeley.edu/PATH/Publications/PDF/PWP/2006/PWP-2006-02.pdf>)

- 4 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. 2003. *Journeys to Crime: Assessing the Effects of a Light Rail Line on Crime in the Neighborhoods*, University of California Transportation Center Research Report, UCTC 614. 35 pages. (Available at [www.uctc.net/papers/614.pdf](http://www.uctc.net/papers/614.pdf))
- 3 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. 2003. *The Bus Stop–Environment Connection: Do Characteristics of the Built Environment Correlate with Bus Stop Crime*, University of California Transportation Center Research Report, UCTC 613. 8 pages. (Available at [www.uctc.net/papers/613.pdf](http://www.uctc.net/papers/613.pdf))
- 2 Loukaitou-Sideris, Anastasia, Robin Liggett, **Hiroyuki Iseki**, and William Thurlow. 2000. *Measuring the Effects of Built Environment on Bus Stop Crime*, University of California Transportation Center Research Report, UCTC 419. 27 pages. (Available at [www.uctc.net/papers/419.pdf](http://www.uctc.net/papers/419.pdf))
- 1 Taylor, Brian D., Mark Garrett<sup>^</sup>, and **Hiroyuki Iseki**. 1999. *Measuring the Effects of Temporal Peaking, Capital Costs, and Vehicle Passenger Capacity on the Cost of Providing Transit Service*, Institute of Transportation Studies, UCLA, University of California Transportation Center Research Report, UCTC 705. 65 pages. (Available at [www.uctc.net/papers/705.pdf](http://www.uctc.net/papers/705.pdf))

### **SHORT ARTICLES**

- 5 **Iseki, Hiroyuki**. 2012. “Making the Commute Productive,” *Work Style, The Work Style Company*, 10. 2 pages. (A light-summary version is available at <http://www.theworkstylemagazine.com/light>.)
- 4 **Iseki, Hiroyuki**, Michael J. Smart, Brian D. Taylor, and Allison Yoh (in alphabetical order). 2012. “Thinking Outside the Bus,” *Access: the Magazine of UCTC*, University of California Transportation Center, 40, 9-15. (Available at [http://www.uctc.net/access/40/access40\\_outsidethebus.shtml](http://www.uctc.net/access/40/access40_outsidethebus.shtml).)
- 3 **Iseki, Hiroyuki**. 2005. “Local Communities’ and Cities’ Response to Big Box Retailers,” *City Planning Review, The City Planning Institute of Japan*, 257. 2 pages.
- 2 **Iseki, Hiroyuki**. 2005. “Problems with Big Box Retailers from Local Community Perspective,” *City Planning Review, The City Planning Institute of Japan*, 256. 2 pages.
- 1 **Iseki, Hiroyuki**. 2005. “Introduction of Bus Rapid Transit Service in Los Angeles,” *City Planning Review, The City Planning Institute of Japan*, 253. 1 page.

### **COMPLETED CREATIVE WORKS**

#### **Websites and Tools:**

- 2 **Iseki, Hiroyuki**, Moying Li<sup>^</sup>, and Chao Liu (in alphabetical order), 2018. Direct Ridership Model (DRM) Implementation Tool for Maryland Transit Administration. (1) Excel Visual Basic for Applications; (2) Technical Memo (5 pages); (3) the Instruction Manual with a video clip (PowerPoint file).
- 1 **Iseki, Hiroyuki**, Michael J. Smart, Brian D. Taylor, Norman Wang, and Allison C. Yoh (in alphabetical order), 2013, TASC: Tool for Analyzing Station Characteristics,

(an online tool to help transit agencies understand their riders' experience at transit stops and stations). (Was available at <http://www.its.ucla.edu/TASC/>)

## **CONFERENCE PAPERS**

### **Refereed:**

- 48 **Iseki, Hiroyuki.** *Effectiveness and Challenges in Local Climate Action Planning and Implementation in Transportation and Land Use in Japan*, the Transportation Research Board (TRB) 102nd Annual Meeting, Washington, D.C., January 2023.
- 47 **Iseki, Hiroyuki.** *Who Drive an Electric Vehicle? Influential Factors Related to the Adoption of PHEVs and BEVs in California*, the Transportation Research Board (TRB) 99th Annual Meeting, Washington, D.C., January 2020.
- 46 Devin, McNally<sup>^</sup>, Rachel Tillinghast<sup>^</sup>, and **Hiroyuki Iseki.** *Application of GIS Analysis to Obtain Anisotropic Bicycle Catchment Areas with Level of Traffic Stress (LTS) and Energy Consumption*, the Transportation Research Board (TRB) 99th Annual Meeting, Washington, D.C., January 2020.
- 45 Ishise-Matsuo, Miwa, and **Hiroyuki Iseki.** *Giving up job search because I don't have a Car: labor market participation and employment status among Single Mothers with and without cars*, the Transportation Research Board (TRB) 99th Annual Meeting, Washington, D.C., January 2020.
- 44 **Iseki, Hiroyuki** and Hyunjoo Eom<sup>^</sup>. *Impacts of Rail Transit Accessibility and Agglomeration on Firm Spatial Distribution in the Washington Metropolitan Area*, the Transportation Research Forum (TRF) 60<sup>th</sup> Annual Meeting, Washington, D.C., May, 2019.
- 43 **Iseki, Hiroyuki** and Hyunjoo Eom<sup>^</sup>. *Impacts of Rail Transit Accessibility on Firm Spatial Distribution: A Case in the Washington, D.C. Metropolitan Area*, the Transportation Research Board (TRB) 98th Annual Meeting, Washington, D.C., January, 2019.
- 42 Saeed, Basheer and **Hiroyuki Iseki.** *Does Rail Transit Access Affect Firm Dynamics? Analysis of Firm Births and Closures in Maryland, USA*, the Transportation Research Board (TRB) 98th Annual Meeting, Washington, D.C., January, 2019.
- 41 **Iseki, Hiroyuki**, Hyunjoo Eom<sup>^</sup>, and Cole Greene<sup>^</sup>. *Effects of the Proximity of the Proximity of Metro Rail Stations and Agglomeration on Firm Spatial Distribution in the Washington, D.C. Metropolitan Area*, presented at the Transportation Research Board (TRB) 96th Annual Meeting, Washington, D.C., January, 2017.
- 40 **Iseki, Hiroyuki**, Chao Liu, and Gerrit Knaap. *The Determinants of Travel Demand between Rail Stations: A Direct Transit Demand Model Using Multilevel Analysis for Washington D.C. Metrorail System*, presented at the Transportation Research Board (TRB) 96th Annual Meeting, Washington, D.C., January, 2017.
- 39 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. *Short-term, Long-term, and Non-linear Effects of Gasoline Prices on Transit Ridership in Ten US Urbanized Areas, Using Fixed Effects Panel Data Analysis*, presented at the Transportation Research Board (TRB) 95th Annual Meeting, Washington, D.C., January, 2016.
- 38 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. *Fixed Effects Panel Data Analysis of Gasoline Prices, Fare, Service Supply, and Service Frequency on Transit Ridership in Ten U.S.*

- Urbanized Areas*, presented at the Transportation Research Board (TRB) 94th Annual Meeting, Washington, D.C., January 2015.
- 37 **Iseki, Hiroyuki**, and Robert Jones<sup>^</sup>. *Analysis of Geographic Distribution of Firms in Relation to Metro Station Proximity: Case Study of Washington Metropolitan Area Transit Authority Service Area*, presented at the Transportation Research Board (TRB) 94th Annual Meeting, Washington, D.C., January 2015.
- 36 **Iseki, Hiroyuki** with Qing Li<sup>^</sup>. *Empirical Analysis of Pricing Structure of Toll Facilities Based on Social Costs of Driving by Vehicle Class and Its Effects on Traffic, Toll Revenue, Emissions, and Equivalent Single-Axle Loads*, presented at the Transportation Research Board (TRB) 93rd Annual Meeting, Washington, D.C., January 2014.
- 35 Oba, Tetsuharu and **Hiroyuki Iseki**. *Analysis of Spatial Locations and Attributes of Surface Parking Lots and Their Effects on Cityscape in Historic Central Districts in Kyoto, Japan, and Philadelphia, Pennsylvania*, presented at the Transportation Research Board (TRB) 93rd Annual Meeting, Washington, D.C., January 2014.
- 34 **Iseki, Hiroyuki** and Mathew Tingstrom<sup>^</sup>. *A GIS Bikeability/Bikeshed Analysis Incorporating Topography, Street Network and Street Connectivity*, presented at the 13th World Conference on Transportation Research (WCTR), Rio de Janeiro, Brazil, July 2013.
- 33 **Iseki, Hiroyuki**. *A New State of Privatization for U.S. Transit? A Delegated Management Contract in New Orleans*, presented at the 13th World Conference on Transportation Research (WCTR), Rio de Janeiro, Brazil, July 2013.
- 32 Oba, Tetsuharu and **Hiroyuki Iseki**. *Spatial analysis of surface parking lots location and cityscape preservation*, presented at the 13th World Conference on Transportation Research (WCTR), Rio de Janeiro, Brazil, July 2013.
- 31 **Iseki, Hiroyuki** and Mathew Tingstrom<sup>^</sup>. *A New Approach in the GIS Bikeshed Analysis with Consideration of Topography, Street Connectivity, and Energy Consumption*, presented at the Transportation Research Board (TRB) 92nd Annual Meeting, Washington, D.C., January 2013.
- 30 Mishra, Sabya, **Hiroyuki Iseki**, and Rolf Moeckel, *Multi-entity Perspective Freight Demand Modeling Technique: Varying Objectives and Outcomes*, presented at the Transportation Research Board (TRB) 92nd Annual Meeting, Washington, D.C., January 2013.
- 29 **Iseki, Hiroyuki** and Michael J. Smart. *How Do People Perceive Service Attributes at Transit Facilities? An Examination of Perceptions of Transit Service by Transit User Demographics and Trip Characteristics*, presented at the Transportation Research Board (TRB) 91st Annual Meeting, Washington, D.C., January 2012.
- 28 Yoh, Allison, **Hiroyuki Iseki**, Michael J. Smart<sup>^</sup>, and Brian D. Taylor. *Hate to wait: The effects of wait time on public transit travelers' perceptions*, presented at the Transportation Research Board (TRB) 90th Annual Meeting, Washington, D.C., January 2011.
- 27 Rivasplata, Charles<sup>^</sup>, **Hiroyuki Iseki**, and Adam Smith. *Transit Coordination in the U.S.A: A Survey of Current Practice*, presented at the Transportation Research Board (TRB) 90th Annual Meeting, Washington, D.C., January 2011.

- 26 **Iseki, Hiroyuki** and Rebecca Houtman<sup>^</sup>. *Examination of Recent Developments in DBFO Public Private Partnership Transportation Projects in North America*, presented at the Transportation Research Board (TRB) 90th Annual Meeting, Washington, D.C., January 2010.
- 25 **Iseki, Hiroyuki** and Alexander Demisch<sup>^</sup>. *Examining the Linkages between Electronic Roadway Tolling Technologies and Road Pricing Policy Objectives*, presented at the 12th World Conference on Transportation Research (WCTR), Lisbon, Portugal, July 2010. (Available in the *Selected Proceedings* at <http://www.wctr2010.info/proceedings.htm>)
- 24 **Iseki, Hiroyuki** and Rebecca Houtman<sup>^</sup>. *Examination of Recent Developments in DBFO Public Private Partnership Transportation Projects in North America*, presented at the 12th World Conference on Transportation Research (WCTR), Lisbon, Portugal, July 2010. (Available in the *Selected Proceedings* at <http://www.wctr2010.info/proceedings.htm>)
- 23 **Iseki, Hiroyuki**, Brian D. Taylor, and Alexander Demisch<sup>^</sup>. *Examining the Linkages between Electronic Roadway Tolling Technologies and Road Pricing Policy Objectives*, presented at the Transportation Research Board (TRB) 89th Annual Meeting, Washington, D.C., January 2010.
- 22 Taylor, Brian D., **Iseki, Hiroyuki** and Rebecca Kalaukas<sup>^</sup>. *Addressing Equity in Political Debates Over Road Pricing: Lessons from Recent Projects*, presented at the Transportation Research Board (TRB) 89th Annual Meeting, Washington, D.C., January 2010.
- 21 **Iseki, Hiroyuki** and Brian D. Taylor. *Style versus Service? An Analysis of User Perceptions of Transit Stops and Stations in Los Angeles*, presented at the Transportation Research Board (TRB) 87th Annual Meeting, Washington, D.C., January 2008.
- 20 **Iseki, Hiroyuki**. *Determinants of Contracting Decisions in U.S. Fixed-Route Bus Transit*, presented at the 11th World Conference on Transportation Research (WCTR), University of California, Berkeley, California, USA, June 2007.
- 19 **Iseki, Hiroyuki** and Brian D. Taylor. *Theorizing relationship between transfer facility attributes (connectivity) and travel behavior*, presented at the 11th World Conference on Transportation Research (WCTR), University of California, Berkeley, California, USA, June 2007.
- 18 **Iseki, Hiroyuki**. *Effects of Contracting on Cost Efficiency in U.S. Fixed-route Bus Transit Service*, presented at the Transportation Research Board (TRB) 86th Annual Meeting, Washington, D.C., January 2007.
- 17 **Iseki, Hiroyuki** and Brian D. Taylor. *Not All Transfers Are Created Equal: Toward a Theoretical Framework Relating Transfer Connectivity to Travel Behavior*, presented at the Transportation Research Board (TRB) 86th Annual Meeting, Washington, D.C., January 2007.
- 16 **Iseki, Hiroyuki**, Allison C. Yoh<sup>^</sup>, and Brian D. Taylor. *Are Smart Cards the Smart Way to Go? Examining the Adoption of Smart Card Fare Systems Among U.S. Transit Agencies*, presented at the Transportation Research Board (TRB) 86th Annual Meeting, Washington, D.C., January 2007.

- 15 **Iseki, Hiroyuki.** *Effects of Contracting on Cost Efficiency in U.S. Fixed-route Bus Transit Service*, presented at the 7th International Congress on Advances in Civil Engineering (ACE), Istanbul, Turkey, October 2006.
- 14 Yoh, Allison C.^, **Hiroyuki Iseki**, Brian D. Taylor, and Dave King^. *Inter-Operator Transit Smart Card Systems: Are We Moving Too Slow? Or Too Fast?* presented at the Transportation Research Board (TRB) 85th Annual Meeting, Washington, D.C., January 2006.
- 13 **Iseki, Hiroyuki**, Amy Ford^, and Rachel J. Factor^. *Contracting Practice: Case Studies of Fixed-route Transit Service Contracting*, presented at the Transportation Research Board (TRB) 84th Annual Meeting, Washington, D.C., January 2005.
- 12 **Iseki, Hiroyuki.** *Assessing Research on the Economic Effects of Contracting in the Provision of Fixed-route Bus Transit Service*, presented at the Transportation Research Board (TRB) 83rd Annual Meeting, Washington, D.C., January 2004.
- 11 Taylor, Brian D. and Douglas Miller^, with **Hiroyuki Iseki** and Camille Fink^. *Analyzing the Determinants of Transit Ridership Using a Two-Stage Least Squares Regression on a National Sample of Urbanized Areas*, presented at the Transportation Research Board (TRB) 83rd Annual Meeting, Washington, D.C., January 2004. (Available at: <http://www.uctc.net/papers/682.pdf>)
- 10 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki.** *Journeys to Crime: Assessing the Effects of a Light Rail Line on Crime in the Neighborhoods*, presented at the Transportation Research Board (TRB) 82nd Annual Meeting, Washington, D.C., January 2003.
- 9 Hess, Daniel B., Allison Yoh^, **Hiroyuki Iseki**, and Brian D. Taylor. *Increasing Transit Ridership: A Survey of Successful Transit Systems in the 1990s*, presented at the Transportation Research Board (TRB) 82nd Annual Meeting, Washington, D.C., January 2003.
- 8 **Iseki, Hiroyuki** and Brian D. Taylor. *The Demographics of Public Transit Subsidies: A Case Study of Los Angeles*, presented at the Transportation Research Board (TRB) 81st Annual Meeting, Washington, D.C., January 2002. (Available at: <http://www.uctc.net/papers/700.pdf>)
- 7 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki.** *The Bus Stop – Environment Connection. Do Characteristics of the Built Environment Correlate with Bus Stop Crime?* presented at the Transportation Research Board (TRB) 80th Annual Meeting, Washington, D.C., January 2001.
- 6 Taylor, Brian D., Mark Garrett^, and **Hiroyuki Iseki.** *Measuring Cost Variability in the Provision of Transit Service*, presented at the Transportation Research Board (TRB) 79th Annual Meeting, Washington, D.C., January 2000.  
(selected for the 2000 **Pyke Johnson Award** as the Best Paper in the field of Transportation Planning and Administration:  
<http://www.trb.org/AboutTRB/JohnsonAward.aspx>)
- 5 **Iseki, Hiroyuki** and Yoichi Hori. *A TDOF  $H_\infty$  Controller of the Two-mass-system Achieving Robust Performance*, presented at the Japan-U.S.A Symposium on Flexible Automation, Kobe, July 1994.

- 4           **Iseki, Hiroyuki** and Yoichi Hori. *Advanced Controllers for Two-mass system Using Loopshaping Design Technique*, presented at the 3rd International Workshop on Advanced Motion Control, A.5.2, Berkeley, March 1994.
- 3           **Iseki, Hiroyuki** and Yoichi Hori. *A Control Design Method for 2-mass System Using  $\mu$ -synthesis*, presented at the National Convention of the Institute of Electrical Engineers of Japan (I.E.E.J), No.672, Tokyo, March 1994. (in Japanese)
- 2           **Iseki, Hiroyuki** and Yoichi Hori. *Consideration on 2-mass Controller Using Load Acceleration Control and State Feedback*, presented at the National Convention of the Institute of Electrical Engineers of Japan – Industry Applications Society, No.157, Nagoya, August 1992. (in Japanese)
- 1           **Iseki, Hiroyuki**, Yoichi Hori, and Yoichi Kaya. *Position Control of Variable Gap Linear Electromagnetic Actuator with 2 degrees of Freedom Control*, presented at the National Convention of the Institute of Electrical Engineers of Japan, No.799, Chiba, March 1992. (in Japanese)

**Non-refereed (abstract refereed):**

- 36           **Iseki, Hiroyuki**. *Challenges in Local Climate Action Planning and Implementation in Transportation and Land Use in Japan*, accepted for presentation at the 62<sup>nd</sup> Annual Conference of the Association of Collegiate Schools of Planning, Toronto, Canada, November 2022.
- 35           Ishise-Matsuo, Miwa, and **Iseki, Hiroyuki**. *Giving up job search because I don't have a car: Labor market participation and employment status Among single mothers with and without cars*, presented at the 60<sup>th</sup> Annual Conference of the Association of Collegiate Schools of Planning, held online, November 2020.
- 34           Ishise-Matsuo, Miwa, and **Iseki, Hiroyuki**. *Giving up job search because I don't have a car: Labor market participation and employment status Among single mothers with and without cars*, presented at the Applied Regional Science Conference (ARSC) 33rd Annual Meeting, Saga, Japan, November, 2019.
- 33           **Iseki, Hiroyuki**, Hyunjoo Eom<sup>^</sup>, and Cole Greene<sup>^</sup>. *Analysis of Agglomeration Effects in the Proximity of Metro Rail Stations in the Washington, D.C. Metropolitan Area*, presented at the 56th Annual Conference of the Association of Collegiate
- 32           **Iseki, Hiroyuki**, Chao Liu, and Gerrit Knaap. *What Determines Travel Demand between Origin-and-Destination Rail Stations? Direct Ridership Model Using Multilevel Analysis for Washington D.C. Metro System*, presented at for the 56th Annual Conference of the Association of Collegiate Schools of Planning, Portland, Oregon, November, 2016
- 31           **Iseki, Hiroyuki**, Hyunjoo Eom<sup>^</sup>, and Cole Greene<sup>^</sup> with Robert Jones<sup>^</sup>. *Analysis of Agglomeration Effects in the Proximity of Metro Rail Stations in the Washington, D.C. Metropolitan Area*, presented at the 14th World Conference on Transportation Research (WCTR), Shanghai, China, July, 2016.
- 30           **Iseki, Hiroyuki**, Cole Greene<sup>^</sup>, and Robert Jones<sup>^</sup>. *Analysis of the Geographic Distribution of Firms in Relation to Metro Station Accessibility: Case Study of the Washington Metropolitan Area Transit Authority Metro Service Area*, presented at the XIII Network on European Communications and Transport Activities Research

(NECTAR) International Conference, University of Michigan, Ann Arbor, Michigan, June 2015.

- 29 **Iseki, Hiroyuki**, Robert Jones<sup>^</sup>, and Cole Greene<sup>^</sup>. *An Analysis of the Relationship between Firm Location Patterns and Public Transportation Infrastructure in the Washington, D.C. Metropolitan Area*, presented at the XIII Network on European Communications and Transport Activities Research (NECTAR) International Conference, University of Michigan, Ann Arbor, Michigan, June 2015.
- 28 **Iseki, Hiroyuki**. *Analysis of Firm Location and Relocation in Relation to Metro Rail Stations in the Washington Metropolitan Area*, presented at the Association of American Geographers Annual Meeting, Chicago, Illinois, April 2015.
- 27 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. *Fixed Effects Panel Data Analysis of Gasoline Prices, Fare, Service Supply, and Service Frequency on Transit Ridership in Ten U.S. Urbanized Areas*, presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, October/November 2014.
- 26 **Iseki, Hiroyuki**, and Angela Martinez<sup>^</sup>. *Use of Social & Behavioral Science Theory to Understand Transit Use*, presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, October/November 2014.
- 25 **Iseki, Hiroyuki**, and Robert Jones<sup>^</sup>. *Analysis of the Geographic Distribution of Firms in Relation to Metro Stations Proximity: Case Study of the WMATA Metro Service Area*, presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, October/November 2014.
- 24 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. *Panel Data Analysis of Gas Price Elasticity to Transit Ridership in Ten Major Urban Areas in the US*, presented at Kuhmo-Network on European Communications and Transport Activities Research (NECTAR) Conference on Transportation Economics: Annual Conference of the International Transportation Economics Association (ITEA), Chicago, Illinois, July 2013.
- 23 **Iseki, Hiroyuki** and Mathew Tingstrom<sup>^</sup>. *A GIS Bikeability/Bikeshed Analysis Incorporating Topography, Street Network, and Street Connectivity*, presented at the 53rd Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 2012.
- 22 Saeed, Basheer<sup>^</sup>, **Hiroyuki Iseki**, and Chao Liu. *Regional Employment/Activity Center Transformations: A Case Study of the Washington, D.C. Metropolitan Region*, presented at the 53rd Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 2012.
- 21 **Iseki, Hiroyuki**. *A New Stage of the U.S. Transit Service Privatization? A Delegated Management Contract in the Greater New Orleans Region*, presented at the 52nd Annual Conference of the Association of Collegiate Schools of Planning, Salt Lake City, Utah, October 2011.
- 20 Mishra, Sabya, **Hiroyuki Iseki**, and Rolf Moeckel. *Multilevel Demand Modeling Techniques for Analyzing Freight Movement in Stochastic Networks and Uncertain Market Conditions*, presented at the 4th METRANS Urban Freight Conference, California, October 2011.
- 19 **Iseki, Hiroyuki**, and Rebecca Houtman<sup>^</sup> (with Charles Rivasplata). *Transit Service Privatization as a Provision Strategy: A Case Study in the Greater New Orleans Region*, presented at the 41st Annual Conference of the Urban Affairs Association:



“Reclaiming the City: Building a Just and Sustainable Future,” New Orleans, Louisiana, March 2011.

- 18 **Iseki, Hiroyuki**, and Rebecca Houtman<sup>^</sup>. *Evaluation of Progress in Contractual Terms: Two Case Studies of Recent DBFO Projects in North America*, presented at the 51st Annual Conference of the Association of Collegiate Schools of Planning, Minneapolis, Minnesota, October 2010.
- 17 **Iseki, Hiroyuki**. Allison C. Yoh, Michael J. Smart<sup>^</sup>, and Brian D. Taylor. *The Effects of Transit User and Trip Characteristics on Evaluation of Service Attributes at Transit Facilities*, presented at the 50th Annual Conference of the Association of Collegiate Schools of Planning, Crystal City, Virginia, October 2009.
- 16 Yoh, Allison C., **Hiroyuki Iseki**, Michael J. Smart<sup>^</sup>, and Brian D. Taylor. *How long is a long wait? Evaluating the effects of waiting on public transit travelers' perceptions*, presented at the 50th Annual Conference of the Association of Collegiate Schools of Planning, Crystal City, Virginia, October 2009.
- 15 Czajkowski, K., A. Ames, T. Ault, T. Benko, R Vincent, W. McNulty, M. Bisesi, S. Milz, S. Khuder, B. Fink, **H. Iseki**, B. Alam, P. Lawrence, A. Spongberg, J. Coss, J. Witter, J. Rader, P. Thebo, M. Stoll, D. Czajkowski, M. Munro-Stasiuk, K. Walls, J. Amendola, B. Shellito, C. Strahler, W. Jung, W. B. Clapham, D. Gouch, M. Stahl, S. Sritharan, K. Nedunuri, *Use of GIS to Analyze the Potential Health Impacts of the Application of Sewage Sludge to Agricultural Fields*, presented at the Association of American Geographers Annual Meeting, Las Vegas, Nevada, March 2009.
- 14 **Iseki, Hiroyuki**, and Sarah Lyon-Hill<sup>^</sup>. *Transit Equity in Public Transit Finance: Costs and Benefits in the Provision of Regional Transit Service: A case study of Toledo Area Regional Transit Authority*, presented at the 2008 Joint Conference of the Association of Collegiate Schools of Planning and the Association of European Schools of Planning (AESOP), Chicago, Illinois, July 2008.
- 13 **Iseki, Hiroyuki**, and Kansai Uchida<sup>^</sup>. *Will Public-Private Partnerships Be a Reasonable Choice for Highway Financing in the U.S.?* presented at the 48th Annual Conference of the Association of Collegiate Schools of Planning, Milwaukee, Wisconsin, October 2007.
- 12 Taylor, Brian D., **Hiroyuki Iseki**, Adina Ringler<sup>^</sup>, Michael J. Smart<sup>^</sup>, and Michael A. Miller. 2007. *Hate to Wait: Relating the Wait/Transfer Experience to Perceived Burdens of Transit Travel*, presented at the 48th Annual Conference of the Association of Collegiate Schools of Planning, Milwaukee, Wisconsin, October 2007.
- 11 **Iseki, Hiroyuki**. Allison C. Yoh<sup>^</sup>, and Brian D. Taylor, *Survey Data Analysis on the Status of Planning and Implementation of an Interoperable Smart Card Systems*, presented at the 47th Annual Conference of the Association of Collegiate Schools of Planning, Fort Worth, Texas, November 2006.
- 10 Yoh, Allison C.<sup>^</sup>, **Hiroyuki Iseki**, Brian D. Taylor, and David A. King<sup>^</sup>. *Institutional Issues and Arrangements in Interoperable Smart Card Systems: Findings from Interviews with Transit Agencies Officials*, presented at the 47th Annual Conference of the Association of Collegiate Schools of Planning, Fort Worth, Texas, November 2006.
- 9 **Iseki, Hiroyuki**. *Economies of scale in bus transit service: How does cost efficiency vary by agency size and level of contracting?* presented at the 46th Annual Conference

of the Association of Collegiate Schools of Planning, Kansas City, Missouri, October 2005.

- 8 Yoh, Allison C.<sup>^</sup>, **Hiroyuki Iseki**, Brian D. Taylor, and Dave King<sup>^</sup>. *Inter-Operator Transit Smart Card Systems: Are We Moving Too Slow? Or Too Fast?* presented at the 46th Annual Conference of the Association of Collegiate Schools of Planning, Kansas City, Missouri, October 2005.
- 7 **Iseki, Hiroyuki**, *Level and Cost Efficiency of Contracted Service for Fixed-route Bus Transit*, presented at the 45th Annual Conference of the Association of Collegiate Schools of Planning, Portland, Oregon, October 2004.
- 6 Ford, Amy<sup>^</sup> and **Hiroyuki Iseki**, *The Effects of Transit Service Contracting on Labor and Wages*, presented at the 45th Annual Conference of the Association of Collegiate Schools of Planning, Portland, Oregon, October 2004.
- 5 **Iseki, Hiroyuki**. *Examining the Relationship between Built Environment and Crime Incidents Using GIS*, presented at the 8th National Conference on Computers on Urban Planning and Urban Management (CUPUM), Sendai, Japan, May 2003.
- 4 **Iseki, Hiroyuki**. *Does Contracting Matter?: An Examination of the Effects of Contracting Out on Cost-Efficiency in U.S. Fixed-route Bus Transit Service (A Research Proposal and A Preliminary Analysis)*, presented at the 44th Annual Conference of the Association of Collegiate Schools of Planning, Baltimore, Maryland, November 2002.
- 3 Hess, Daniel B.<sup>^</sup>, Allison Yoh<sup>^</sup>, **Hiroyuki Iseki**, and Brian D. Taylor. *Increasing Transit Ridership: A Survey of Successful Transit Systems in the 1990s*, presented at the 43rd Annual Conference of the Association of Collegiate Schools of Planning, Cleveland, Ohio, November 2001.
- 2 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. *The Bus Stop – Environment Connection. Do Characteristics of the Built Environment Correlate with Bus Stop Crime?* presented at the 42nd Annual Association of Collegiate School of Planning Conference, Atlanta, Georgia November 2000.
- 1 Taylor, Brian D., **Hiroyuki Iseki**, and Mark Garrett<sup>^</sup>. *How Much Does A Transit Trip Cost?* presented at the 42nd Annual Conference of the Association of Collegiate Schools of Planning, Atlanta, Georgia, November 2000. (Available at: <http://www.uctc.net/papers/702.pdf>)

### **CONFERENCE/SYMPOSIUM POSTERS**

- 7 Devin, McNally<sup>^</sup>, Rachel Tillinghast<sup>^</sup>, and **Hiroyuki Iseki**. “Application of GIS Analysis to Obtain Anisotropic Bicycle Catchment Areas with Level of Traffic Stress (LTS) and Energy Consumption, the Transportation Research Board (TRB) 99th Annual Meeting, Washington, D.C., January 2020.
- 6 **Iseki, Hiroyuki**, “The Case Study of Universal Transit Pass (U-Pass) Programs at Eight US Universities,” 2018 Association for the Advancement of Sustainability in Higher Education (AASHE) Conference & Expo: Global Goals: Rising to the Challenge, October 2-5, 2018, Pittsburgh, PA.
- 5 Yevo, Edem K.<sup>^</sup>, **Iseki, Hiroyuki**, and Ming Hu, “Analyzing V2H, V2V, and V2G Technologies with a Focus on Applications and Benefits to Sustainable Development,” at the Poster Presentation Session of the Ronald E. McNair Post-

Baccalaureate Achievement Program, University of Maryland, College Park, MD, July 2018.

- 4 Wu, Jiahui<sup>^</sup>, Lingzi Hong<sup>^</sup>, Kiran Javkar<sup>^</sup>, Suraj Nair<sup>^</sup>, **Iseki, Hiroyuki**, and Vanessa Frias-Martinez “Cycling safety maps: a data-driven approach to cycling safety,” at the 1st MAPP + D Research and Creative Practice Symposium, University of Maryland, College Park, MD, April 2018.
- 3 Yoh, Allison, Norman Wong, **Hiroyuki Iseki**, and Michael J. Smart. *Tool for Assessing Station Characteristics (TASC): Identifying Service Quality Improvements at Transit Stops and Stations*, presented in the technology showcase session at APA’s 2012 National Planning Conference in Los Angeles, April 14–17, 2012.
- 2 **Iseki, Hiroyuki**, Michael J. Smart, Brian D. Taylor, Allison Yoh, and Norman Wong (alphabetical order). *Tool for Assessing Station Characteristics (TASC): Identifying Service Quality Improvements at Transit Stops and Stations*, presented in the poster session at APA’s 2012 National Planning Conference in Los Angeles, April 14–17, 2012.
- 1 Alexander Demisch<sup>^</sup>, **Hiroyuki Iseki**, and Brian D. Taylor. *Examining the Linkages Between Electronic Road Pricing Technologies & Policy Objectives*, presented at the Second Annual California University Transportation Centers/California PATH Conference “Tackling Congestion in an Era of Climate Change”, Los Angeles, November 2008.

#### **CONFERENCE PROCEEDINGS**

- 1 **Iseki, Hiroyuki** and Allison Yoh<sup>^</sup>. 2002. “2001 Symposium Proceedings: Redefining, Reevaluating, and Reinventing Transit” from Annual Symposium Series on the Transportation/Land Use/Air Quality Connection, edited by Joanne Freilich. UCLA Extension Public Policy Program, Los Angeles, California. 102 pages.

#### **CONFERENCE PRESENTATIONS**

- 69 **Iseki, Hiroyuki**. “Effectiveness and Challenges in Local Climate Action Planning and Implementation in Transportation and Land Use in Japan,” accepted for presentation at the Transportation Research Board (TRB) 102nd Annual Meeting, Washington, D.C., January 2023.
- 68 **Iseki, Hiroyuki**. “EV Readiness among Maryland Local Governments,” in the session “Electronic Vehicle Readiness Planning” in *Makeover Montgomery County 5*, September 2022. (Organized the entire session with two other presenters.)
- 67 **Iseki, Hiroyuki**. “Examination of the Challenges in Local Climate Action Planning and Implementation in Japan” presented at the 11th Asian Conference on Sustainability, Energy & the Environment (ACSEE2021), held online from Tokyo, Japan, November 2021.
- 66 **Iseki, Hiroyuki**. “Effects of Consumers’ Concerns Regarding Electric Vehicles on the EV Adoption: The Case in California, USA,” presented at the 10th Asian Conference on Sustainability, Energy & the Environment (ACSEE2020), held online from Tokyo, Japan, November 2020.
- 65 **Iseki, Hiroyuki**. “Who Drive an Electric Vehicle? Influential Factors Related to the Adoption of PHEVs and BEVs in California,” presented at the Transportation Research Board (TRB) 99th Annual Meeting, Washington, D.C., January 2020.

- 64 **Iseki, Hiroyuki**. “Who drive electric vehicles for what trips? Development of vehicle choice models to identify factors related to the adoption of EVs,” at the 59th Annual Conference of the Association of Collegiate Schools of Planning, Green Ville, South Carolina, October 2019.
- 63 **Iseki, Hiroyuki** and Hyunjoo Eom<sup>^</sup>. “Impacts of Rail Transit Accessibility and Agglomeration on Firm Spatial Distribution in the Washington Metropolitan Area,” at the 60th Transportation Research Forum (TRF) Annual Meeting, Washington, D.C., May, 2019.
- 62 **Iseki, Hiroyuki** and Hyunjoo Eom<sup>^</sup>. “Impacts of Rail Transit Accessibility on Firm Spatial Distribution: A Case in the Washington, D.C. Metropolitan Area,” at the 2019 Association of American Geographers (AAG) Annual Meeting, Washington, D.C., April, 2019.
- 61 **Iseki, Hiroyuki** and Hyunjoo Eom<sup>^</sup>. “Impacts of Rail Transit Accessibility on Firm Spatial Distribution: A Case in the Washington, D.C. Metropolitan Area,” at the Transportation Research Board (TRB) 98th Annual Meeting, Washington, D.C., January, 2019.
- 60 Yevoov, Edem K.<sup>^</sup>, **Iseki, Hiroyuki**, and Ming Hu, “Analyzing V2H, V2V, and V2G Technologies with a Focus on Applications and Benefits to Sustainable Development,” at the Oral Presentation Session of the Ronald E. McNair Post-Baccalaureate Achievement Program, University of Maryland, College Park, MD, July 2018. (Presented by Edem K. Yevoov.)
- 59 Hu, Ming, and **Hiroyuki Iseki**, “Smart Parking for Sustainable Communities,” in the session “Smart Parking for Sustainable Communities” in Makeover Montgomery County 4, May 2018.
- 58 **Iseki, Hiroyuki**, Hyunjoo Eom<sup>^</sup>, Claire Warner<sup>^</sup>, and Karitsa Normal<sup>^</sup>. “The Case Study of Seven Universal Transit Pass (U-Pass) Programs in the US,” at the 1st MAPP + D Research and Creative Practice Symposium, University of Maryland, College Park, MD, April 2018.
- 57 **Iseki, Hiroyuki**, Hyunjoo Eom<sup>^</sup>, Claire Warner<sup>^</sup>, and Karitsa Normal<sup>^</sup>. “The Case Study of Seven Universal Transit Pass (U-Pass) Programs in the US,” at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, Colorado, October 2017.
- 56 **Iseki, Hiroyuki**, Chao Liu, and Gerrit Knaap. “The Determinants of Travel Demand between Rail Stations: A Direct Transit Demand Model Using Multilevel Analysis for Washington D.C. Metrorail System,” at the Transportation Research Board (TRB) 96th Annual Meeting, Washington, D.C., January 2017.
- 55 **Iseki, Hiroyuki**, Chao Liu, and Gerrit Knaap. “What Determines Travel Demand between Origin-and-Destination Rail Stations? Direct Ridership Model Using Multilevel Analysis for Washington D.C. Metro System,” at for the 56th Annual Conference of the Association of Collegiate Schools of Planning, Portland, Oregon, November 2016
- 54 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>, “Short-term, Long-term, and Non-linear Effects of Gasoline Prices on Transit Ridership in Ten US Urbanized Areas, Using Fixed Effects Panel Data Analysis,” at the 14th World Conference on Transportation Research (WCTR), Shanghai, China, July, 2016.

- 53 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. “Fixed Effects Panel Data Analysis of Gasoline Prices, Fare, Service Supply, and Service Frequency on Transit Ridership in Ten U.S. Urbanized Areas,” at the 14th World Conference on Transportation Research (WCTR), Shanghai, China, July, 2016.
- 52 **Iseki, Hiroyuki**, Hyunjoo Eom<sup>^</sup>, and Cole Greene<sup>^</sup>. “Analysis of Agglomeration Effects in the Proximity of Metro Rail Stations in the Washington, D.C. Metropolitan Area,” at the 14th World Conference on Transportation Research (WCTR), Shanghai, China, July, 2016.
- 51 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. “Short-term, Long-term, and Non-linear Effects of Gasoline Prices on Transit Ridership in Ten US Urbanized Areas, Using Fixed Effects Panel Data Analysis,” at the Transportation Research Board (TRB) 95th Annual Meeting, Washington, D.C., January, 2016.
- 50 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>, "Short-term, Long-term, and Non-linear Effects of Gasoline Prices on Transit Ridership In Ten US Urbanized Areas, Using Fixed Effects Panel Data Analysis", at the 55th Annual Conference of the Association of Collegiate Schools of Planning, Houston, Texas, October, 2015
- 49 **Iseki, Hiroyuki**. “Analysis of Firm Location and Relocation in Relation to Metro Rail Stations in the Washington Metropolitan Area,” at the Association of American Geographers (AAG) Annual Meeting, Chicago, April 2015.
- 48 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. “Fixed Effects Panel Data Analysis of Gasoline Prices, Fare, Service Supply, and Service Frequency on Transit Ridership in Ten U.S. Urbanized Areas,” at the Transportation Research Board (TRB) 94th Annual Meeting, Washington, D.C., January 2015.
- 47 **Iseki, Hiroyuki**, and Rubaba Ali<sup>^</sup>. “Fixed Effects Panel Data Analysis of Gasoline Prices, Fare, Service Supply, and Service Frequency on Transit Ridership in Ten U.S. Urbanized Areas,” at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, PA, October 2014.
- 46 **Iseki, Hiroyuki**, and Robert Jones<sup>^</sup>. “Analysis of Firm Location and Relocation Around Maryland and Washington, DC Metro Rail Stations,” at A Bi-National Symposium Featuring Paris, France, and Washington, DC on “Transit, Transit Oriented Development, and Urban Form (Transit, Development, and Forme Urbaine: Washington et Paris),” at the National Center for Smart Growth & the LABEX Consortium of Research Universities in Paris, France, Washington, D.C., October 2014.
- 45 **Iseki, Hiroyuki**. “Empirical Analysis of Pricing Structure of Toll Facilities Based on Social Costs of Driving by Vehicle Class and Its Effects on Traffic, Toll Revenue, Emissions, and Equivalent Single-Axle Loads,” at the Transportation Research Board (TRB) 93rd Annual Meeting, Washington, D.C., January 2014.
- 44 Oba, Tetsuharu and **Hiroyuki Iseki**. “Analysis of Spatial Locations and Attributes of Surface Parking Lots and Their Effects on Cityscape in Historic Central Districts in Kyoto, Japan, and Philadelphia, Pennsylvania,” at the Transportation Research Board (TRB) 93rd Annual Meeting, Washington, D.C., January 2014.
- 43 **Iseki, Hiroyuki** and Mathew Tingstrom<sup>^</sup>. “A GIS Bikeability/Bikeshed Analysis Incorporating Topography, Street Network and Street Connectivity” at the 12th World Conference on Transportation Research (WCTR), Rio de Janeiro, Brazil, July 2013.

- 42 **Iseki, Hiroyuki.** “A New State of Privatization for U.S. Transit? A Delegated Management Contract in New Orleans,” at the 12th World Conference on Transportation Research (WCTR), Rio de Janeiro, Brazil, July 2013.
- 41 **Iseki, Hiroyuki** and Mathew Tingstrom<sup>^</sup>. “A New Approach in the GIS Bikeshed Analysis with Consideration of Topography, Street Connectivity, and Energy Consumption” at the Transportation Research Board (TRB) 92nd Annual Meeting, Washington, D.C., January 2013.
- 40 **Iseki, Hiroyuki** and Mathew Tingstrom<sup>^</sup>. “A GIS Bikeability/Bikeshed Analysis Incorporating Topography, Street Network, and Street Connectivity” at the 53rd Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 2012.
- 38 **Iseki, Hiroyuki** and Michael J. Smart. “How Do People Perceive Service Attributes at Transit Facilities? An Examination of Perceptions of Transit Service by Transit User Demographics and Trip Characteristics,” at the Transportation Research Board (TRB) 91st Annual Meeting, Washington, D.C., January 2012.
- 37 **Iseki, Hiroyuki.** “A New Stage of the U.S. Transit Service Privatization? A Delegated Management Contract in the Greater New Orleans Region,” at the 52nd Annual Conference of the Association of Collegiate Schools of Planning, Salt Lake City, Utah, October 2011.
- 36 Rivasplata, Charles, **Hiroyuki Iseki**, and Adam Smith<sup>^</sup>. “Transit Coordination in the U.S.A: A Survey of Current Practice,” at the Transportation Research Board (TRB) 90th Annual Meeting, Washington, D.C., January 2011.
- 35 **Iseki, Hiroyuki** and Rebecca Houtman<sup>^</sup>. “Examination of Recent Developments in DBFO Public Private Partnership Transportation Projects in North America,” at the Transportation Research Board (TRB) 90th Annual Meeting, Washington, D.C., January 2011.
- 34 **Iseki, Hiroyuki**, and Rebecca Houtman<sup>^</sup>. “Evaluation of Progress in Contractual Terms: Two Case Studies of Recent DBFO Projects in North America,” at the 51st Annual Conference of the Association of Collegiate Schools of Planning, Minneapolis, Minnesota, October 2010.
- 33 **Iseki, Hiroyuki** and Alexander Demisch<sup>^</sup>. “Examining the Linkages between Electronic Roadway Tolling Technologies and Road Pricing Policy Objectives,” at the 12th World Conference on Transportation Research (WCTR), Lisbon, Portugal, July 2010.
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- 31 **Iseki, Hiroyuki**, Carl Seifert<sup>^</sup>, and Tiffany Sudar<sup>^</sup>. “Effectiveness of Transit Service Privatization as a Strategy to Financial Resiliency,” at *the 4th Conference on Surface Transportation Finance Forging a Sustainable Future—Now!*, Transportation Research Board, New Orleans, Louisiana, May 2010.
- 30 **Iseki, Hiroyuki**, Brian D. Taylor, and Alexander Demisch<sup>^</sup>. “Examining the Linkages between Electronic 4 Roadway Tolling Technologies and Road Pricing Policy Objectives,” at the Transportation Research Board (TRB) 89th Annual Meeting, Washington, D.C., January 2010.

- 29 **Iseki, Hiroyuki.** Allison C. Yoh, Michael J. Smart<sup>^</sup>, and Brian D. Taylor. “The Effects of Transit User and Trip Characteristics on Evaluation of Service Attributes at Transit Facilities,” at the 50th Annual Conference of the Association of Collegiate Schools of Planning, Crystal City, Virginia, October 2009.
- 28 **Iseki, Hiroyuki,** and Sarah Lyon-Hill<sup>^</sup>. “Transit Equity in Public Transit Finance: Costs and Benefits in the Provision of Regional Transit Service: A case study of Toledo Area Regional Transit Authority,” at the 2008 Joint Conference of the Association of Collegiate Schools of Planning and the Association of European Schools of Planning (AESOP), Chicago, Illinois, July 2008.
- 27 **Iseki, Hiroyuki,** and Brian Taylor “Style versus Service? An Analysis of User Perceptions of Transit Stops and Stations in Los Angeles,” at the Transportation Research Board (TRB) 87th Annual Meeting, Washington, D.C., January 2008.
- 26 **Iseki, Hiroyuki,** and Kansai Uchida<sup>^</sup>. “Will Public-Private Partnerships Be a Reasonable Choice for Highway Financing in the U.S.?” at the 48th Annual Conference of the Association of Collegiate Schools of Planning, Milwaukee, Wisconsin, October 2007.
- 25 Taylor, Brian D., **Hiroyuki Iseki,** Adina Ringler<sup>^</sup>, Michael J. Smart<sup>^</sup>, and Michael A. Miller. 2007. “Hate to Wait: Relating the Wait/Transfer Experience to Perceived Burdens of Transit Travel,” at the 48th Annual Conference of the Association of Collegiate Schools of Planning, Milwaukee, Wisconsin, October 2007.
- 24 **Iseki, Hiroyuki.** “Determinants of Contracting Decisions in U.S. Fixed-Route Bus Transit” at the 11th World Conference on Transportation Research (WCTR), University of California, Berkeley, California, June 2007.
- 23 **Iseki, Hiroyuki** and Brian D. Taylor. “Theorizing relationship between transfer facility attributes (connectivity) and travel behavior” at the 11th World Conference on Transportation Research (WCTR), University of California, Berkeley, California, June 2007.
- 22 **Iseki, Hiroyuki.** “Effects of Contracting on Cost Efficiency in U.S. Fixed-route Bus Transit Service” at the Transportation Research Board (TRB) 86th Annual Meeting, Washington, D.C., January 2007.
- 21 **Iseki, Hiroyuki** and Brian D. Taylor. “Not All Transfers Are Created Equal: Toward a Theoretical Framework Relating Transfer Connectivity to Travel Behavior” at the Transportation Research Board (TRB) 86th Annual Meeting, Washington, D.C., January 2007.
- 20 **Iseki, Hiroyuki,** Allison C. Yoh<sup>^</sup>, and Brian D. Taylor. “Are Smart Cards the Smart Way to Go? Examining the Adoption of Smart Card Fare Systems Among U.S. Transit Agencies” at the Transportation Research Board (TRB) 86th Annual Meeting, Washington, D.C., January 2007.
- 19 **Iseki, Hiroyuki,** Allison C. Yoh<sup>^</sup>, and Brian D. Taylor. “Survey Data Analysis on the Status of Planning and Implementation of an Interoperable Smart Card Systems” at the 47th Annual Conference of the Association of Collegiate Schools of Planning, Fort Worth, Texas, November 2006.
- 18 **Iseki, Hiroyuki.** “Effects of Contracting on Cost Efficiency in U.S. Fixed-route Bus Transit Service” at the 7th International Congress on Advances in Civil Engineering (ACE 2006), Istanbul, Turkey, October 2006.

- 17 Yoh, Allison C.^, **Hiroyuki Iseki**, Brian D. Taylor, and Dave King^. “Inter-Operator Transit Smart Card Systems: Are We Moving Too Slow? Or Too Fast?” at the Transportation Research Board (TRB) 85th Annual Meeting, Washington, D.C., January 2006.
- 16 **Iseki, Hiroyuki**. “Economies of scale in bus transit service: How does cost efficiency vary by agency size and level of contracting?” at the 46th Annual Conference of the Association of Collegiate Schools of Planning, Kansas City, Missouri, October 2005.
- 15 Yoh, Allison C.^, **Hiroyuki Iseki**, Brian D. Taylor, and Dave King^. “Inter-Operator Transit Smart Card Systems: Are We Moving Too Slow? Or Too Fast?” at the 46th Annual Conference of the Association of Collegiate Schools of Planning, Kansas City, Missouri, October 2005.
- 14 **Iseki, Hiroyuki**. “Assessing Research on the Economic Effects of Contracting in the Provision of Fixed-route Bus Transit Service,” at the Transportation Research Board (TRB) 83rd Annual Meeting, Washington, D.C., January 2004.
- 13 **Iseki, Hiroyuki**. “Examining the Relationship between Built Environment and Crime Incidents Using GIS,” at the 8th National Conference on Computers on Urban Planning and Urban Management (CUPUM), Sendai, Japan, May 2003.
- 12 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. “Journeys to Crime: Assessing the Effects of a Light Rail Line on Crime in the Neighborhoods,” at the Transportation Research Board (TRB) 82nd Annual Meeting, Washington, D.C., January 2003.
- 11 **Iseki, Hiroyuki**. “Does Contracting Matter?: An Examination of the Effects of Contracting Out on Cost-Efficiency in U.S. Fixed-route Bus Transit Service (A Research Proposal and A Preliminary Analysis),” at the 44th Annual Conference of the Association of Collegiate Schools of Planning, Baltimore, Maryland, November 2002.
- 10 **Iseki, Hiroyuki** and Brian D. Taylor. “The Demographics of Public Transit Subsidies: A Case Study of Los Angeles,” at the 8th Annual UCTC Student Research Conference, Berkeley, California, February 2002.
- 9 **Iseki, Hiroyuki** and Brian D. Taylor. “The Demographics of Public Transit Subsidies: A Case Study of Los Angeles,” the Transportation Research Board 81st Annual Meeting, Washington, D.C., January 2002.
- 8 Hess, Daniel B.^, Allison Yoh.^, **Hiroyuki Iseki**, and Brian D. Taylor. “Increasing Transit Ridership: A Survey of Successful Transit Systems in the 1990s,” at the 43rd Annual Association of Collegiate School of Planning Conference, Cleveland, Ohio, November 2001.
- 7 Liggett, Robin, Anastasia Loukaitou-Sideris, and **Hiroyuki Iseki**. “The Bus Stop – Environment Connection. Do Characteristics of the Built Environment Correlate with Bus Stop Crime?” at the 42nd Annual Association of Collegiate School of Planning Conference, Atlanta, Georgia, November 2000.
- 6 Taylor, Brian D., Mark Garrett.^, and **Hiroyuki Iseki**. “Measuring Cost Variability in the Provision of Transit Service,” at the Transportation Research Board 79th Annual Meeting, Washington, D.C., January 2000.

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- 5 **Iseki, Hiroyuki** and Yoichi Hori. “A Two-Degrees-of-Freedom (TDOF) H<sub>∞</sub> Controller of the Two-mass-system Achieving Robust Performance,” at the Japan-U.S.A Symposium on Flexible Automation, Kobe, Japan, July 1994.
- 4 **Iseki, Hiroyuki** and Yoichi Hori. “Advanced Controllers for Two-mass system Using Loopshaping Design Technique,” at the 3rd International Workshop on Advanced Motion Control, A.5.2, Berkeley, California, March 1994.
- 3 **Iseki, Hiroyuki** and Yoichi Hori. “A Control Design Method for 2-mass System Using  $\mu$ -synthesis,” at the National Convention of the Institute of Electrical Engineers of Japan, No.672, Tokyo, Japan, March 1994.
- 2 **Iseki, Hiroyuki** and Yoichi Hori. “Advanced Controllers for Two-mass-system Using Loopshaping Design Technique,” at the Technical Meeting of the Institute of Electrical Engineers of Japan on Semiconductor Power Convention, SPC-93-82, Mie, Japan, October 1993.
- 1 **Iseki, Hiroyuki**, Yoichi Hori, and Yoichi Kaya. “Position Control of Variable Gap Linear Electromagnetic Actuator with 2 degrees of Freedom Control,” at the National Convention of the Institute of Electrical Engineers of Japan, No.799, Chiba, Japan, March 1992.

### ***OTHER CONTRIBUTIONS***

- 1 **Iseki, Hiroyuki**, Gerrit Knaap, and Chao Liu (in an alphabetical order), 2015. "Ask the Professors – How Local Land Use Decisions Impact Metrorail Ridership," *PlanItMetro, Metro’s Planning Blog, Washington Metropolitan Area Transit Authority*, available at <http://planitmetro.com/?s=Metrorail+Rider>

### ***MEDIA APPEARANCES***

- 27 **Iseki, Hiroyuki**: quoted in *the Diamondback*. “UMD funds construction of bike lanes along Purple Line,” by Olivia Nicholson, May 3, 2022 (<https://dbknews.com/2022/05/03/bike-lanes-funded-alongside-the-purple-line-at-umd/>)
- 26 **Iseki, Hiroyuki**: quoted in *Washington Business Journal*. “How Covid-19 stopped Metro in its tracks — and how it could recover,” by Carolyn M. Proctor, Nov 27, 2020 (<https://www.bizjournals.com/washington/news/2020/11/27/metro-pandemic-stopped-in-tracks-recover.html>)
- 25 **Iseki, Hiroyuki**: quoted in *the Diamondback*. “WMATA to reduce bus service in July, frustrating riders,” by Anaya Truss-Williams, April 15, 2020 (<https://dbknews.com/2020/04/15/wmata-service-reduction-bus-rail-budget/>)
- 24 **Iseki, Hiroyuki**: quoted in *the GW Hatchet*. “Metro cuts bus, train services to mitigate spread of COVID-19,” by Lia DeGroot, Mar 26, 2020 (<https://www.gwhatchet.com/2020/03/26/metro-cuts-bus-train-services-to-mitigate-spread-of-covid-19/>)
- 23 **Iseki, Hiroyuki**: quoted in *Frederick News Post*. “Majority of Commuters in Region drive to Work Alone,” by Ryan Marshall, November 4, 2018 ([https://www.fredericknewspost.com/news/politics\\_and\\_government/transportation/majority-of-commuters-in-region-drive-to-work-alone/article\\_3618f53e-1073-5f4c-b5f9-b81948877ea8.html](https://www.fredericknewspost.com/news/politics_and_government/transportation/majority-of-commuters-in-region-drive-to-work-alone/article_3618f53e-1073-5f4c-b5f9-b81948877ea8.html))

- 22 **Iseki, Hiroyuki:** quoted in *the GW Hatchet*. “Metro to offer mobile payment, service information with new app,” by Andara Katong, April 19, 2018 (<https://www.gwhatchet.com/2018/04/19/metro-to-offer-mobile-payment-service-information-with-new-app/>)
- 21 **Iseki, Hiroyuki:** quoted in *Baltimore Fishbowl*. “Challenges lie ahead for The Boring Company’s D.C.-Baltimore ‘Loop’ tunneling plan,” by Ethan McLeod, April 6, 2018 (<https://baltimorefishbowl.com/stories/challenges-lay-ahead-for-the-boring-companys-d-c-baltimore-loop/>)
- 20 **Iseki, Hiroyuki:** quoted in *Washington Business Journal*. “Life without Metro — here's what would happen,” by Carolyn M. Proctor, March 9, 2018 (<https://www.bizjournals.com/washington/news/2018/03/09/life-without-metro-heres-what-would-happen.html>)
- 19 **Iseki, Hiroyuki:** quoted in *the GW Hatchet*. “Here are the issues Foggy Bottom residents most frequently complained about in 2017,” Feb. 5, 2018. (Available at <https://www.gwhatchet.com/2018/02/05/here-are-the-issues-foggy-bottom-residents-most-frequently-complained-about-in-2017/>)
- 18 **Iseki, Hiroyuki:** quoted in the *Diamondback*. “UMD SGA discusses possible program reducing student Metro fares,” Oct. 19, 2017 (Available at <http://www.dbknews.com/2017/10/19/umd-student-fee-metro-discounted-fare-sga-wmata-rha/>)
- 17 **Iseki, Hiroyuki:** quoted in the *Diamondback*. “UMD is facing a 2,000-space parking loss. This project is looking for alternatives,” Dec. 16, 2016. (Available at <http://www.dbknews.com/2016/12/12/university-of-maryland-parking-space-alternatives/>)
- 16 **Iseki, Hiroyuki:** quoted in *CITYLAB of the Atlantic* “How the D.C. Metro's Service Cuts Will Affect Low-Income Riders,” May 19, 2016. (Available at <http://www.citylab.com/commute/2016/05/dc-metro-shutdown-service-cuts-low-income-riders/483090/>)
- 15 **Iseki, Hiroyuki:** quoted in *the Philadelphia Inquirer*. “How gas prices are driving Amtrak's ridership problems,” March 2, 2016. (Available at <https://www.inquirer.com/philly/blogs/in-transit/How-gas-prices-are-driving-Amtraks-ridership-problems.html>)
- 14 **Iseki, Hiroyuki:** quoted in *the Metro Magazine*. “Report: Effects of gas prices vary by modes, other factors, December 9, 2014. (Available at: <https://www.metro-magazine.com/bus/news/292877/report-effects-of-gas-prices-vary-by-modes-other-factors>).
- 13 **Iseki, Hiroyuki:** appeared in *the WUSA9 news* “Metro fare increase could tip balance toward suburban riders,” January 13, 2016. (Available at <http://www.wusa9.com/story/news/local/dc/2016/01/12/metro-fare-increase-could-tip-balance-toward-suburban-riders/78723992/>)
- 12 **Iseki, Hiroyuki:** quoted in *the WABE 90.1 FM* “MARTA CEO Not Worried About Falling Gas Prices. But Should He Be?” by Jim Burress, December 11, 2014. (Available at <http://wabe.org/post/marta-ceo-not-worried-about-falling-gas-prices-should-he-be>)
- 11 **Iseki, Hiroyuki:** quoted in the *Baltimore Sun* “End of 'driving boom' spurs talk of reshaping state transportation plans,” August 29, 2013. (Available at

<http://www.baltimoresun.com/business/bs-md-pirg-driving-study-20130829,0,492232.story>)

- 10 **Iseki, Hiroyuki:** quoted in the *Baltimore Sun* “Canton, parking woes part of growing pains,” February 18, 2013. (Available at <http://www.baltimoresun.com/news/maryland/baltimore-city/bs-md-ci-canton-parking-20130218,0,1000248.story?page=2&track=rss>)
- 9 **Iseki, Hiroyuki:** quoted in the *New York Times* “Controversy Tests Bold Freeway Project,” March 8, 2012. (Available at <http://www.nytimes.com/2012/03/09/us/controversy-tests-building-of-new-link-to-golden-gate-bridge.html>)
- 8 **Iseki, Hiroyuki:** quoted in the *New York Times* “For Washington, a Trek to Daylight,” July 1, 2011. (Available at <http://www.nytimes.com/2011/07/02/us/02escalators.html> and in print on July 2, 2011, on page A10 of the New York edition with the headline: “In Capital Subways, A Long Life of Climb.”)
- 7 **Iseki, Hiroyuki:** appeared in *Diamondback Online* “Mapping the tremors: University professor responds to Japan quake,” April 22, 2011. (Available at <http://www.diamondbackonline.com/news/mapping-the-tremors-1.2189212>)
- 6 **Iseki, Hiroyuki:** appeared in *Maryland Newslines* “Maryland Professor’s Expertise Tapped for Japan Relief Efforts,” Friday, April 22, 2011. (Available at <http://www.newslines.umd.edu/schools/japan-map-042211.htm> and <http://www.thesentinel.com/pgs/Japan-relief-mapping>)
- 5 **Iseki, Hiroyuki:** appeared in the *WAMU 88.5 American University Radio* “University Of Maryland Professor Helps Digitize Disaster Relief,” April 21, 2011. (Available at <http://wamu.org/news/11/04/21/>)
- 4 **Iseki, Hiroyuki:** appeared in the *UM Newsdesk* “University of Maryland Professor Helps Develop Japan Recovery Map,” April 11, 2011. (Available at <http://www.newsdesk.umd.edu/uniini/release.cfm?ArticleID=2396>)
- 3 Kevin Czajkowski and **Hiroyuki Iseki:** appeared in the WGTE-PBS Program “In Search of GPS,” September 2008.
- 2 **Iseki, Hiroyuki:** quoted in the article “Connections Critical for Orange Line” by Caitlin Liu Friday in *LA Times*, October 28, 2005.
- 1 **Iseki, Hiroyuki:** quoted in the article “Valley Express Busway to Get Crosswalk at Transfer Stop” by Caitlin Liu in *LA Times*, Wednesday, September 14, 2005.

## **RESEARCH GRANTS**

January 2022 Taylor Oshan (PI), UMD, Mariela Alfonzo, Hiroyuki Iseki, Gerrit Knaap, and Kathleen Stewart (co-PIs). *NEW METHODS AND SOURCES RIDERSHIP MODEL*, in response to WMATA Solicitation “Land Use Ridership Model Updates,” submitted by National Center for Smart Growth Research and Education (NCSG) and Center for Geospatial Information Science (CGIS) with State of Place (SOP) (collaborating organization/subcontract), submitted October 1, 2021, accepted January 2022; Estimated Total Project Cost: \$350,000.

April 2020 \$87,700, Abe Fellowship from the Social Science Research Council, New York, and Japan Foundation, Tokyo, Japan, April 2020 – March 2022.

November 2018 \$29,000 grant from the University of Maryland Sustainability Fund. Net Zero Energy Retrofit Initiative (NZER). Co-PI. (Ming Hu, PI, Ralph Bennett, Co-PI)

September 2018 \$10,000 grant from the Provost’s Office under the *UMD Year of Data Science* application with matching funds from College of Information Studies, Maryland’s iSchool (\$5,000) and the School of Architecture, Planning, and Preservation (\$5,000). “UMD Data Challenge: Data Integration and the Community.” Co-principal Investigator with Christopher Antoun, Gerrit Knaap, and Kathy Weaver (in alphabetical order).

April 2016 \$19,000 grant from University of Maryland Sustainability Fund. *How to Increase Commuting by Mass Transit?* Principal Investigator.

July 2015-2018 \$450,000 grant from Maryland Department of Transportation. Interagency Agreement between Maryland State Agencies and Institutions of Higher Education. Co-investigator.

April 2015 \$91,967 grant from Washington Metropolitan Area Transit Authority (WMATA) (as a subcontractor for AECOM). *Origin-destination Land Use Ridership Model for Fare Policy Analysis for the WMATA*. Principal Investigator. (Chao Liu, co-PI).

July 2014 \$10,000 grant from Washington Metropolitan Area Transit Authority (WMATA). *Development of Direct Ridership Model for WMATA*, with matching fund of \$5,000 from the School of Architecture, Planning, and Preservation, University of Maryland, College Park. Principal Investigator. (Chao Liu, co-PI).

Summer 2013 \$6,000 Summer Stipend for research from the School of Architecture, Planning, and Preservation, University of Maryland, College Park. Principal Investigator.

July 2012 \$69,530 grant from the California and U.S. Departments of Transportation through the Norman Y. Mineta International Institute for Surface Transportation Policy Studies, San Jose State University, San Jose, California. *Net Effects of Gas Price on Transit Ridership in US Urban Areas*. Principal Investigator.

Oct. 2011 \$85,000 grant from Center for Integrated Transportation Systems Management, University of Maryland, College Park, Maryland. *Examination of the Pricing Structure of Toll Facilities to Maximize the Social Benefits*. Principal investigator.

March 2011 \$90,651 grant from University of Maryland-Baltimore (Original contract from Maryland Energy Management Agency). *Maryland Energy Assurance Plan Support*. Co-principal Investigator (Matthias Ruth, co-PI, Eric D. Wachsman, co-PI, and Gerrit J. Knaap, co-PI).

Aug. 2009 \$59,304 grant from the California and U.S. Departments of Transportation through the Norman Y. Mineta International Institute for Surface Transportation Policy Studies, San Jose State University, San Jose, California. *Examination of regional transit service through privatization: a case study of public transit service contracting in New Orleans*. Principal Investigator.

Aug. 2009 \$52,474 grant from the U.S. Departments of Transportation through the University of New Orleans-Louisiana State University: University Transportation Center, Louisiana. *Evaluation Privatization as a Strategy to Provide Regional Transit Service*. Principal Investigator.

- Aug. 2008 \$19,267 grant from the U.S. Departments of Transportation through the University of Toledo University Transportation Center, Ohio. *An Analysis of the Status and Impacts of Public Private Partnerships of the Indiana Toll Road*. Principal Investigator (declined due to relocation).
- April 2007 \$60,000 grant from California Department of Transportation (Caltrans), Richmond, California, *Evaluate the Performance of Intermodal Connectivity (EPIC) Tool* (Contract No. Contract 65A00267). Co-principal Investigator (Brian Taylor, co-PI, and Allison Yoh, co-PI).
- Sept. 2006 \$124,655 grant from California Partners for Advanced Transit and Highways (PATH), Richmond, California. *Evaluation of Open Road Electronic Toll Collection for California Applications*; XB604-Evaluation of Open Road Electronic Toll Collection for California Applications. Co-principal Investigator (Brian Taylor, Co-PI).
- Jan. 2005 \$133,673 grant from California Partners for Advanced Transit and Highways (PATH), Richmond, California. *Designing a Policy Framework for a Statewide Transit Smart Card System*; MO01-Develop Statewide Architecture for Intermodal Smart Card. Co-investigator (Brian Taylor, PI, Allison Yoh, Co-I, and David King, Co-I).
- Jan. 2005 \$179,025 grant from California Partners for Advanced Transit and Highways (PATH), Richmond, California. *Tool Development to Evaluate the Performance of Intermodal Connectivity (EPIC) to Improve Public Transportation*: PS04-Travel Connectivity Evaluation Methodology. Co-investigator (Brian Taylor, PI, Mark A. Miller, Co-I, Christopher Noakowski, Co-I, and Joanne Lins, Co-I).
- Sept. 2003 \$39,961 grant from California Policy Research Center, University of California, Berkeley, California. *Evaluating the Fiscal Impacts of Privatizing Bus Transit Service in California*. Co-investigator (J.R. DeShazo, PI).
- July 2003 \$59,562 grant from the John Randolph Haynes and Dora Haynes Foundation, Los Angeles, California. *Evaluating Privatization as a Governance Strategy for Bus Transit in Southern California*. Co-investigator (J.R. DeShazo, PI).
- Sept. 2002 \$15,000 grant from the California and U.S. Departments of Transportation through the University of California Transportation Center, Berkeley, California. *The Effects of Contracting for Service on the Cost-Efficiency of Fixed-Route Bus Transit in the U.S.* Co-investigator (Brian Taylor, co-PI, Martin Wachs, co-PI).
- Oct. 2001 \$30,000 grant from the University of California Institute of Labor and Employment, Berkeley and Los Angeles, California. *The Effects of Transit Service Contracting on Labor (Phase I)*. Co-investigator (Brian Taylor, co-PI, Martin Wachs, co-PI).
- Sept. 2001 \$32,287 grant from the California and U.S. Departments of Transportation through the University of California Transportation Center, Berkeley, California. *Reconsidering the Effects of Fare Reductions on Transit Ridership*. Co-investigator (Brian Taylor, PI and Daniel B. Hess, Co-I).
- Sept. 2001 \$47,913 grant from the California and U.S. Departments of Transportation through the Norman Y. Mineta International Institute for Surface Transportation Policy Studies, San Jose State University, San Jose, California. *Transit Ridership: Lessons from the Most Successful Transit Systems in the 1990s*. Co-investigator (Brian Taylor, PI, Peter Haas, PI, and Daniel B. Hess, Co-I).

## ***INVITED TALKS, LECTURES, PANELS, AND PRESENTATIONS***

- 2022 Iseki, Hiroyuki, “Diversity, Equity & Inclusion in Urban Planning: Movements and Actions brought by BLM in urban planning in the US and its Relationship with planning in Japan,” in the seminar of “Environmental System,” Department of Architecture and Environmental Systems, College of Systems Engineering and Science, Shibaura Institute of Technology, Omiya, Saitama, July 6, 2022 [[Invited](#)].
- 2022 Iseki, Hiroyuki, “Transit Oriented Development,” in LARC648 “Graduate Studio IV,” College of Agriculture & Natural Resources, University of Maryland, College Park, April 14, 2022 [[Invited](#)].
- 2021 A panel for the Session “I am intrigued, now what do I do?” in 2021 ACSP Pre-Doctoral Workshop for Underrepresented Students of Color and LGBTQIA+ Students, Workshop Schedule, 20-23 October 2021, October 22, 2021 [[Invited](#)]
- 2021 A panel on the subject “Local transportation equity and sustainability,” at the Global Goals Jam, the Smith School’s Center for Social Value Creation (CSV), University of Maryland, College Park, September 18, 2021 [[Invited](#)].
- 2021 Iseki, Hiroyuki, “Movements and Actions brought by BLM in urban planning in the US,” in the seminar of “Environmental System,” Department of Architecture and Environmental Systems, College of Systems Engineering and Science, Shibaura Institute of Technology, Omiya, Saitama, July 7, 2021 [[Invited](#)].
- 2020 Iseki, Hiroyuki, “The EV adoption to address climate change: How should we move forward in practice and research in Transportation policy and planning?” Research Institute of Environmental Economics and Management (RIEEM), Waseda University, December 2020 [[Invited](#)].
- 2020 Iseki, Hiroyuki, “Challenges in Transportation policy and planning to address climate change: How should we move forward in practice and research regarding the EV adoption?”, in the Seminar “Transportation and Logistics Management,” Graduate School of Management, Kyoto University, November 2020 [[Invited](#)].
- 2020 Iseki, Hiroyuki, “Application of Direct Transit Demand Model for Public Transit and Land Use Planning: the Case in Washington Metropolitan Area,” in the Seminar “Transportation and Logistics Management,” Graduate School of Management, Kyoto University, November 2020 [[Invited](#)].
- 2020 Iseki, Hiroyuki, “Fare Media Used in Public Transportation System and an Application of Media Data for transportation planning,” in the Seminar of Information Media Theory, Chiba University of Commerce, November 2020 [[Invited](#)].
- 2020 Iseki, Hiroyuki, “Movements and Actions brought by BLM in urban planning in the US,” presented in the seminar on “Neighborhood and Urban Planning and Professions in the Post-COVID19 period Examined from the perspective from abroad,” held online by *the City Planning Institute of Japan*, November 2020 [[Invited](#)].
- 2019 “Electric Vehicle Adoption for Sustainability: How are we doing and how should we move forward in policies, planning, and research?,” *Center for Global Sustainability*, the UMD School of Public Policy, November 2019.
- 2019 A roundtable on the subject “Public transportation: How do we ensure that residents without access to a car can access high-quality, stable jobs?” Regional Economic Studies Institute (RESI), Towson University, September 26th, 2019 [[Invited](#)].

- 2019 “GIS Analysis for Bike Planning with Consideration for Level of Stress and Energy Consumption: A Case from Montgomery County, Maryland, USA,” for the *International Seminar of Infrastructure Planning and Management, Japan Society of Civil Engineers*, at Hongo Campus, the University of Tokyo, August 2019 [Invited].
- 2019 “Bike and Transit Planning in the Washington Metropolitan Area, USA,” for the *International Seminar, Eastern Asia Society for Transportation Studies (EASTS)-Japan, Association for Planning and Transportation Studies*, at Noda Campus, Tokyo University of Science, August 2019 [Invited].
- 2017 “The Case Study of Universal Transit Pass (U-Pass) Programs” for the University of Maryland Student Government Association (SGA), at the Stamp Student Union, University of Maryland, College Park, October 2017.
- 2016 “Transportation and Land Use Coordination and Managing Transportation Demand” for the Changchun Institute of Urban Planning and Design Delegation from China organized by for TriWay International Group, at National Center for Smart Growth Research and Education, University of Maryland, September 2016.
- 2016 “Transit Oriented Development and Other Research on Transportation and Land Use in the US,” at National Center for Smart Growth Research and Education, University of Maryland for the First Secretary of the Economic Section of the Embassy of Japan and the attaché from Ministry of Land, Infrastructure, Transport and Tourism, May 2016.
- 2015 Iseki, Hiroyuki, Chao Liu, and Gerrit Knaap, WMATA Origin-Destination Land Use Ridership Model, *Washington Metropolitan Area Transit Authority (WMATA)*. A presentation was made to the WMATA directors, managers, and staff members at the WMATA headquarter. December 21st, 2015.
- 2014 “Analysis of Firm Location and Relocation around Maryland and Washington, DC Metro Rail Stations,” for the 4<sup>th</sup> International Seminar of Infrastructure Planning and Management, *Japan Society of Civil Engineers* at the University of Tokyo, June 2014.
- 2014 “Effects of Contracting on Cost Efficiency in U.S. Fixed-route Bus Transit Service,” for the Doctoral Seminar in the Logistics, Business, and Public Policy Department, University of Maryland, College Park, April 2014.
- 2014 “A New Approach in the GIS Bikedshed Analysis with Consideration of Topography, Street Connectivity, and Energy Consumption,” at National Center for Smart Growth Research and Education, the Brown Bag Webinar Series, March 2014.
- 2014 “Public Private Partnerships for the Purple Line,” at National Center for Smart Growth Research and Education, University of Maryland for the group of five interviewers for *US Case Studies for Ministry of the Interior, Israel*, February 2014.
- 2012 “Transportation Infrastructure Financing and Public Private Partnership,” at World Learning for the group of six delegates from St. Petersburg, Russia on the International Visitor Leadership Program of the U.S. Department of State, May 2012.
- 2012 “The US’s Interdisciplinary Approach on Urban Planning and Policy with a Focus on the Transportation Field,” at the regular meeting of *Washington Club of the Japanese*, Employee Benefit Research Institute, Washington, D.C., February 2012.
- 2011 “Transit Crime Study: Connection between Light Rail Transit (LRT) and Crime Incidents,” School of Architecture, Planning, and Preservation, the Brown Bag Series, February 2011.

- 2010 “Examining the Linkages between Electronic Roadway Tolling Technologies and Road Pricing Policy Objectives,” at Louisiana Transportation Research Center (LTRC) Seminar Series: 2010 TRB Paper Presentations, Baton Rouge, Louisiana, March 2010.
- 2010 “A Travel Behavior Framework of Transfer Connectivity: An Analysis of User Perceptions of Transit Services,” at the Department of Geography, Planning and Environment, Concordia University, Montreal, Canada, February 2010.
- 2009 “Transit Mode Choice for Motorized Society,” at the Department of Civil Engineering, University of Tokyo, Tokyo, Japan, May 2009.
- 2008 “Think Transit to Reassess Goals of Transit-Oriented Development,” at the *School of Architecture*, University of Texas, Austin, October 2008 [Invited].
- 2005 “The Demographics of Public Transit Subsidies: A Case Study of Los Angeles,” at the *Transport Studies Unit*, University of Oxford, Oxford, the United Kingdom, September 2005.
- 2005 “A Brief Overview of Community Planning Approach in the USA,” at the regular meeting of the *Citizen Group for Studying Planning for the City of Takarazuka*, Hyogo, Japan, February 2005.
- 2004 “Assessing Research on the Economic Effects of Contracting in the Provision of Fixed-Route Bus Transit Service,” at the *Institute of Transportation Studies Transportation Seminar*, the Department of Economics, Department of Planning, Policy and Design, Institute of Transportation Studies and Program in Transportation Science, University of California, Irvine, February 2004.

### ***HONORS, AWARDS, AND CERTIFICATES***

- 2018 Certificate of Appreciation for the contributions to a study abroad program, the University of Tokyo, August 2018.
- 2012 Certificate of Successful Completion of the Workshop, IBPI’s faculty workshop on Integrating Bicycle and Pedestrian Topics into University Transportation Curriculum, Initiative for Bicycle and Pedestrian Innovation (IBPI), Oregon Transportation Research and Education Consortium (OTREC), Portland State University, Portland State University, Portland, Oregon, July 2012.
- 2008 Certificate for successful completion of the 2008 Workshop on Advanced Spatial Analysis: *Spatial Pattern Analysis*, the Center for Spatially Integrated Social Science (CSISS), Santa Barbara, California, July 2008.
- 2007 Certificate for successful completion of the workshop on *Spatial Perspectives on Analysis on Curriculum Enhancement (SPACE): Spatial Analysis in the Social Science Curriculum: Enhancing Undergraduate Learning*, Santa Barbara, California, July 2007.
- 2004 Departmental and University Awards and Honors, Outstanding Graduating Doctoral Student.
- 2003 *The Geography of Transit Crime: Documentation and Evaluation of Crime Incidence on and around the Green Line Stations in Los Angeles* (co-authored with Anastasia Loukaitou-Sideris and Robin Liggett) selected for the **Chester Rapkin Award** for the Best Paper in *Journal of Planning Education and Research* in 2002 among all papers published in the Journal in the year. (<http://www.acsp.org/awards/history#Rapkin>)



- 2001 *Measuring Cost Variability in the Provision of Transit Service* (co-authored with Brian D. Taylor and Mark Garrett) selected for the 2000 **Pyke Johnson Award** for the Best Paper (among 567 reviewed) in the field of Transportation Planning and Administration by the Transportation Research Board.  
(<http://www.trb.org/AboutTRB/JohnsonAward.aspx>)
- 1999 Student Comprehensive Planning Project: *The Byzantine Latino Quarter: Creating Community in Los Angeles* selected for the 1999 **American Institute of Certified Planners Student Award** in the category of Demonstrating the Contribution of Planning to Contemporary Issues.
- 1999 Student Comprehensive Planning Project: *The Byzantine Latino Quarter: Creating Community in Los Angeles* selected for the **American Planning Association Planning Award in California Chapter**.
- 1998 Student Comprehensive Planning Project: *The Byzantine Latino Quarter: Creating Community in Los Angeles* selected for the **American Planning Association Planning Award in Los Angeles Section**.
- 1992 *Position Control of Variable Gap Linear Electromagnetic Actuator with 2 degrees of Freedom Control* (co-authored with Yoichi Hori and Yoichi Kaya) selected for the 1992 **Distinguished Paper Award** in the National Convention of the Institute of Electrical Engineers of Japan.

#### Training Certificates

- 2022 “Security Awareness – Defending Your Shell” Training, February 2022, University of Maryland, College Park.
- 2022 “TerrapinSTRONG Faculty Onboarding,” January 2022, University of Maryland, College Park.
- 2020 “Security Awareness Training,” November 2020, University of Maryland, College Park.
- 2018 Faculty Training “Disability & Accessibility at the University of Maryland,” May 2018, University of Maryland, College Park.
- 2018 Faculty Training “Responding Effectively to Discriminating & Sexual Misconduct,” April 2018, University of Maryland, College Park.
- 2015 Faculty Training “Responding Effectively to Discriminating & Sexual Misconduct,” November 2015, University of Maryland, College Park.

#### **FELLOWSHIPS AND SCHOLARSHIPS**

- 2012 Conference Travel Stipend from CADRE Corporation, \$2,000.
- 2012 Scholarship for participation for the workshop “Integrating Bicycle and Pedestrian Topics Into University Transportation Curriculum,” The Initiative for Bicycle and Pedestrian Innovation (IBPI) at Portland State University, July 19-20 2012: Portland, Oregon, \$500.
- 2008 Scholarship for participation for the 2008 Workshop on Advanced Spatial Analysis: *Spatial Pattern Analysis*, The Center for Spatially Integrated Social Science (CSISS), July 13-18, 2008: Santa Barbara, California, \$500.
- 2007 Scholarship for participation for the Workshop on *Spatial Perspectives on Analysis on Curriculum Enhancement (SPACE): Spatial Analysis in the Social Science*

*Curriculum: Enhancing Undergraduate Learning*, July 15-20, 2007: Santa Barbara, California, \$900.

- 2000-2004 *UCLA Department of Urban Planning, Department Fellowship, \$17,500*
- 1999-2000 *University of California Transportation Center Graduate Fellowship, \$15,000*
- 1992-1993 *Studying Abroad Fellowship, Ministry of Education of Japan, \$10,000*

### ***EDITORIAL AND REVIEW SERVICE***

- 2022 Paper Review, *Transportation Research Record/the Journal of Transportation Research Board*
- 2022 Paper Review, *Case Studies on Transport Policy*
- 2022 Paper Review, *Journal of Planning Education and Research*
- 2021 Paper review, *Journal of Public Transportation*
- 2021 Paper Review, *Journal of Planning Education and Research*
- 2021 Paper review, *Transportation Research Part D: Transport and Environment*
- 2020 Paper review, *Transportation Research Part D: Transport and Environment*
- 2020 Paper Review, *Transportation Research Record/the Journal of Transportation Research Board*
- 2020 Paper Review, *Journal of Transport and Land Use*
- 2020 Paper Review, *Journal of Planning Education and Research*
- 2019 Paper review, *Transportation Research Part D: Transport and Environment*
- 2019 Paper review, the Transportation Research Board (TRB) annual meeting, and *Transportation Research Record/the Journal of Transportation Research Board (3 papers)*
- 2019 Paper review, *Transportation Research Part A: Policy and Practice*
- 2019 Paper review, *Transport Policy*
- 2019 Paper review, *Transportation*
- 2018 Paper review, *Transportation Research Part A: Policy and Practice*
- 2018 Paper review, *European Transport Research Review*
- 2018 Paper review, the Transportation Research Board (TRB) annual meeting, and *Transportation Research Record/the Journal of Transportation Research Board (5 papers)*
- 2018 Paper review, *Journal of Urban Planning and Development*
- 2018 Paper review, *Landscape and Urban Planning*
- 2018 Paper review, *Transport Policy*
- 2018 Paper review, *Transportation Research Part D: Transport and Environment*
- 2004-present Paper review, *Journal of Transportation Research Board*

- 2017 Paper review, Transportation Research Board (TRB), Committee on Emerging and Innovative Public Transport and Technologies - AP020, the Transportation Research Board Annual Meeting and the Transportation Research Record
- 2017 Paper review, *Transport Policy*
- 2017 Paper review, *Transportation Policy Part A: Policy and Practice*
- 2016 Paper review, *Transportation*
- 2016 Paper review, *Transport Policy*
- 2016-2018 Co-editor for a Special Issue on the Theme of “Land Use and Transportation Planning in a Diverse World” from the 14th *World Conference on Transport Research in Transport Policy*.
- 2015 Abstract review (more than 300 abstracts), the 14th *World Conference on Transport Research (WCTR)*, Shanghai, China, July 2016
- 2015 Proposal review, Oregon Transportation Research and Education Consortium
- 2015 Paper review, *Transport Policy*
- 2015 Paper review, *Journal of Transport Geography*
- 2015 Paper review, *Journal of Urban Planning and Development*
- 2014 Paper review, *Transportmetrica A: Transport Science*
- 2014 Paper review, Transportation Research Board Committee on Transportation and Land Development Committee - ADD30, Transportation Research Board Annual Meeting and the Transportation Research Record
- 2014 Paper review, *Journal of Urban Planning and Development*
- 2014 Paper review, *Journal of Planning Education and Research*
- 2014 Proposal review, METRANS University Transportation Center (UTC), University of Southern California
- 2013 Paper review, *Journal of Planning Education and Research*
- 2013 Proposal review, Oregon Transportation Research and Education Consortium
- 2013 Paper review, *Transportation Research Part A: Policy and Practice*
- 2012 Paper review, *Journal of Planning Education and Research*
- 2012-2016 Paper review, Transportation Research Board (TRB) Committee on Transportation and Sustainability – ADD40, the Transportation Research Board Annual Meeting and the Transportation Research Record
- 2012 Paper review, Transportation Research Board (TRB) Committee on and the Bicycle Transportation Committee – ANF20, the Transportation Research Board Annual Meeting and the Transportation Research Record
- 2012 Proposal review, Oregon Transportation Research and Education Consortium
- 2012 Paper review, *Transport Policy*
- 2012 Paper review, *Transportmetrica*

- 2011-2012 Report review, Metropolitan Washington Council of Governments, *Region Forward: A Comprehensive Guide for Regional Planning and Measuring Progress in the 21st Century*, as a member of the Performance Baseline Team of Region Forward Coalition
- 2012 Paper review, *Transport Policy*
- 2011 Paper review, *Transportmetrica*
- 2011 Paper review, *Journal of Public Transportation*
- 2011 Proposal review, METTRANS Transportation Center, University of Southern California
- 2011 Paper review, *Transportation Research Technologies C: Emerging Technologies*
- 2011 Paper review, *Transport Policy*
- 2010 Paper review, *Journal of Urban Affairs*
- 2010 Paper review, *International Journal of Sustainable Transportation*
- 2010-2016 Paper review, Transportation Research Board (TRB) Committee on Revenue and Finance – ABE10, the Transportation Research Board Annual Meeting and the Transportation Research Record
- 2010 Proposal review, Oregon Transportation Research and Education Consortium.
- 2010 Research report review, Mineta Transportation Institute
- 2010 Paper review, *Southern Economic Journal*.
- 2009 Proposal review, University of California Transportation Center Dissertation Proposals
- 2009 Paper review, *Transport Policy*
- 2009 Paper review, *Public Works Management & Policy*
- 2009 Paper review, *Journal of the American Planning Association*
- 2008 Paper review, *Journal of Transport Policy and Economics*
- 2008 Paper review, for a book titled “Geospatial Analysis of Urban Environment: structure and dynamics,” to be published by Springer
- 2007-2008 Proposal review, the Technical Oversight Committee, *University of Toledo-University Transportation Center*
- 2007 Proposal review, the Division of Behavioral and Cognitive Sciences, Geography and Regional Science, the *National Science Foundation*
- 2007 Proposal review, *Oregon Transportation Research and Education Consortium*
- 2007 Paper review, the 11<sup>th</sup> *World Conference on Transport Research*, Berkeley, June 2007
- 2006-2017 Paper review, Transportation Research Board (TRB) Committee on Public Transportation Planning and Development - AP025, the Transportation Research Board Annual Meeting and the Transportation Research Record
- 2005 Paper review, Transportation Research Board (TRB) Committee on Commuter Rail Transportation – AP070, the Transportation Research Board Annual Meeting and the Transportation Research Record
- 2004 Paper review, *Journal of Planning Literature*

- 2003 Paper review, Transportation Research Board (TRB) Committee on Public Transportation Planning and Development - AP025, the Transportation Research Board Annual Meeting and the Transportation Research Record
- 2000-2003 Paper review, *Critical Planning Journal*, Department of Urban Planning, UCLA

### ***THESIS/DISSERTATION COMMITTEE SERVICE***

#### ***University of Maryland, College Park***

- October. 2022 Member of the Master thesis committee: Aliya Mejias, “Title TBD,” Landscape Architecture Program, the College of Agriculture & Natural Resources, the University of Maryland, College Park
- June 2021 Member of the Ph.D. Dissertation Committee: Younes, Hannah, “Examining the environmental, economic, societal, and sustainability potential of shared micromobility usage in the U.S.,” Department of Geographical Sciences, the University of Maryland, College Park, Completed in July 2021.
- Sept. 2018 Member of the Master thesis committee: Sebastian Velez-Lopez, “Activating Underperforming Urban Plazas Through the Revelation of Urban Systems,” Landscape Architecture and Community Planning dual-masters program, the College of Agriculture & Natural Resources, the University of Maryland, College Park (until Dec. 2019).
- May 2018 Member of the Ph.D. dissertation committee: Lingzi Hong, “Enhancing Decision-making in Smart and Connected Communities with Digital Traces,” the College of Information Studies (iSchool), the University of Maryland, College Park. Completed in August, 2019.
- March 2018 Member of the Ph.D. dissertation committee: Myeong Lee, “Local Information Landscapes: Theory, Measures, and Evidence,” the College of Information Studies (iSchool), the University of Maryland, College Park. Completed in August, 2019.
- May 2017 Chair of the Ph.D. dissertation committee: Basheer Saeed, “A Micro-level Examination of the Impact of Rail Transit Investments on the Patterns of Firm Dynamics,” Urban and Regional Planning and Design, School of Architecture, Planning, and Preservation, the University of Maryland, College Park. Completed in June, 2018.
- Dec. 2017 Member of the Ph.D. dissertation committee: Yu Qiao, “Three Essays on Firm Dynamics and Agglomeration,” Urban and Regional Planning and Design, School of Architecture, Planning, and Preservation, the University of Maryland, College Park.
- May 2017 Member of the Ph.D. dissertation committee: Ting Ma, “Estimating the Impacts of Capital Bikeshare on Metrorail Ridership in the Washington Metropolitan Area,” Urban and Regional Planning and Design, School of Architecture, Planning, and Preservation, the University of Maryland, College Park.
- Dec. 2016 Member of the Ph.D. dissertation committee: Zhi Li, “Urbanization and Advantages of Large Cities: Evidence from China,” Urban and Regional Planning and Design, School of Architecture, Planning, and Preservation, the University of Maryland, College Park.
- Dec. 2014 Member of the master thesis committee: Babak Baghaei, “Impact of Transit Oriented Development on Mode Choice with Consideration for Multimodal Accessibility and

Self Selection,” Department of Civil and Environmental Engineering, the University of Maryland, College Park.

- Nov. 2014 Member of the master thesis committee: Di Yang, “Equitable and Progressive Distance-based User Charge Design and Evaluation of Income-based Mileage Fees in Maryland,” Department of Civil and Environmental Engineering, the University of Maryland, College Park.
- March 2013 Member of the Ph.D. dissertation committee: Yangwen Liu, “Integrated Discrete Continuous Choice Models: Theory and Applications in Estimating Household Vehicle Ownership, Type, and Usage,” Department of Civil and Environmental Engineering, the University of Maryland, College Park.
- May 2013 Member of the Ph.D. dissertation committee: Timothy Welch, “Transportation Policy and Travel Behavior Response: The Reality and Limits of a Sustainable Transport System,” Urban and Regional Planning and Design PhD Program, College of Architecture, Planning, and Historic Preservation, the University of Maryland, College Park.

#### **University of Toledo**

- Dec. 2008 Member of the Ph.D. dissertation committee: Yan Jin, “The influences of power and resources on flexibilities in a supply chain context,” Department of Information Operations Technology Management, College of Business Administration, the University of Toledo.
- July 2008 Member of the master thesis committee: Zhaoya Gong, “Urban growth modeling with ART-P-MAP neural network: method, implementation and validation,” Department of Geography and Planning, the University of Toledo.

#### ***Ph.D. COMPREHENSIVE EXAM/ANNUAL REVIEW COMMITTEE SERVICE***

##### **University of Maryland, College Park**

- May 2018 Wu, Jiahui, PhD Student in Information Studies, University of Maryland, College of Information Studies (iSchool), Member of the PhD Student Annual Review Committee
- Nov. 2017 Eom, Hyunjoo, PhD Student in the Urban and Regional Planning and Design program, Chair of the Ph.D. Comprehensive Exam Committee
- May 2017 Hong, Lingzi, PhD Student in Information Studies, University of Maryland, College of Information Studies (iSchool). Member of the PhD Student Annual Review Committee
- May 2017 Wu, Jiahui, PhD Student in Information Studies, University of Maryland, College of Information Studies (iSchool), Member of the PhD Student Annual Review Committee
- May 2016 Hong, Lingzi, PhD Student in Information Studies, University of Maryland, College of Information Studies (iSchool). Member of the Integrated Paper Exam Committee
- Nov. 2014 Jones, Robert P., PhD Student in the Urban and Regional Planning and Design program, Chair of the Ph.D. Comprehensive Exam Committee
- May 2014 Zhi Li, PhD Student in the Urban and Regional Planning and Design program, Member of the Ph.D. Comprehensive Exam Committee

Nov. 2013 Saeed, Basheer, PhD Student in the Urban and Regional Planning and Design program, Chair of the Ph.D. Comprehensive Exam Committee

**University of Toledo**

April 2008 Mike Stolle, Master Student in the Department of Geography and Planning, University of Toledo, Chair of the Master's Program Comprehensive Exam Committee

April 2008 Mike Strauss, Master Student in the Department of Geography and Planning, University of Toledo, Chair of the Master's Program Comprehensive Exam Committee

April 2008 Eric Meyer, Master Student in the Department of Geography and Planning, University of Toledo, Chair of the Master's Program Comprehensive Exam Committee

April 2007 Grant Willson, Master Student in the Department of Geography and Planning, University of Toledo, Chair of the Master's Program Comprehensive Exam Committee

April 2007 Jennifer Heckman, Master Student in the Department of Geography and Planning, University of Toledo, Chair of the Master's Program Comprehensive Exam Committee

April 2007 Keith Closson, Master Student in the Department of Geography and Planning, University of Toledo, Chair of the Master's Program Comprehensive Exam Committee

***UNIVERSITY SERVICES***

University of Maryland, College Park

Jan. - April 2022 Chair, the third-year reappointment review sub-committee, School APT Committee

Dec. 2021-Feb. 2022 Search Committee for Research Faculty at the National Center for Smart Growth

Sept. 2021-Present UMD Campus Transportation Advisory Committee (CTAC), Senate-elected Committees & Councils

Sept. 2021-Present Search Committee for Postdoctoral Scholar at the National Center for Smart Growth

Sept. 2021-Present School Faculty Search Committee for Assistant Professor in the Architecture Program

Sept. 2021-Present School Faculty Advisory Committee

Jan. 2021-Present School Committee on Diversity and Inclusion

Jan.-Feb. 2021 Master's Program Admission Committee, Urban Studies and Planning (URSP) Program

Aug. 2019-Dec. 2019 School Committee on Diversity and Inclusion

2017-2019 School Committee to Review the Director of National Center for Smart Growth Research and Education

Aug. 2018-March 2019 Member of the Organizing Committee of the 2019 Data Challenge, College of Information School and School of Architecture, Planning, and Preservation

Sept. 2018-2019	Working Group to Develop the Smart Cities Model Curriculum for a Dual-degree Program with the College of Information Science
May 2018-present	Campus-wide Planning Committee for “Year of Data Science”
Feb. 2018-present	Member of the “Year of Data Science” Committee
Jan.-April 2018	Coordinator for Social Justice Day working with Behavioral and Social Sciences (BSOS) and College of Computer, Mathematical, and Natural Sciences (CMNS)
Jan.-March 2018	School Doctoral Program Admission Committee
Feb.-March 2018	Grade Appeal Committee in Urban Studies and Planning Program
Dec. 2017-2019	Campus-wide Planning Committee for the “Year of Immigration”
Aug. 2017-Present	School Appointment, Promotion, and Tenure (APT) Committee
Aug. 2017-2019	School Committee on Administration
Feb. 2017-2019	School Merit Committee
Jan.-March 2017	School Doctoral Program Admission Committee
Oct. 2016-2022	Academic and Administrative Policies Committee, National Center for Smart Growth Research and Education
Jan.-March 2016	School Doctoral Program Admission Committee
Sept. 2015-March 2016	Architecture Faculty Search Committee
Jan. 2015-May 2016	UMD Census Bureau Data Center/ Longitudinal Data Analysis Center, Data Analytics Large Working Group, representing both National Center for Smart Growth and the School of Architecture, Planning, and Preservation
March 2015-2019	Library Task Force, the School of Architecture, Planning, and Preservation
Jan.-March 2015	School Doctoral Program Admission Committee
Jan. 2015-Aug. 2015	Committee on Administration (Technology, Communications and Facilities)
Aug. 2014-Jan. 2015	Library Task Force, the School of Architecture, Planning, and Preservation
Sept. 2013-Dec. 2014	Technology Committee, the School of Architecture, Planning, and Preservation
Jan.-March 2014	School Doctoral Program Admission Committee
Dec. 2013-April 2014	Research IT Governance Working Group (Research Enablement Working Group: one of four IT governance bodies approved by the University senate to provide advice and counsel on IT matters campus-wide)
Jan.-March 2013	School Doctoral Program Admission Committee
Jan.-April 2013	Planning Faculty Search Committee
April-May 2012	Information technology (IT) strategic planning task force to discuss recommendations and action items pertaining to Research and Innovation
Jan.-March 2012	School Doctoral Program Admission Committee
Aug. 2011-2015	School Doctoral Program listserv coordinator ARCH-Dean-School of Architecture, Planning & Preservation
March 2011-2017	IRB Liaison at National Center for Smart Growth Research & Education



Aug.-Oct. 2011	A Hiring Committee at National Center for Smart Growth Research & Education <u>University of Toledo</u>
2007-2008	Committee on the Development of the Ph.D. program in Spatially Integrated Social Sciences, Department of Geography and Planning, University of Toledo
2007	Program Committee for the <i>International Symposium and Workshop on Global Supply Chain, Intermodal Transportation, and Logistics Management</i> , October 25-26, 2007, University of Toledo, Toledo, Ohio, USA
<u>UCLA</u>	
1999-2001	Academic Personnel Committee, Department of Urban Planning, UCLA (Student Representative)

### ***PROFESSIONAL MEMBERSHIPS AND SERVICES***

2020-Present	Member of the International Academic Forum (IAFOR)
2019-present	Member of <i>Japan Society of Civil Engineers</i>
2019-present	<i>Transportation Research Board</i> , Friend of the Committee on Alternative Fuels and Technologies – ADC80
2019-present	Member of <i>Transportation Research Forum</i>
2019-present	Member of <i>GIS Association of Japan</i>
2018-present	Member of <i>American Association of Geographers (AAG)</i>
2017-present	<i>Transportation Research Board</i> , <u>Friend</u> of the Committee on Public Transportation Planning and Development - AP025
2016-2018	Co-editor for a Special Issue “Land Use and Transportation Planning in a Diverse World” in <i>Transport Policy</i>
2014-2015	Member of <i>American Association of Geographers (AAG)</i>
2013-2016	<u>Scientific Committee (SCC) Associated Member</u> , the <i>World Conference of Transportation Research Society (WCTRS)</i>
2011-present	The Urban and Regional Information Systems Association (URISA) GISCorp <ul style="list-style-type: none"> <li>• Volunteered as one of six GIS experts to work with CrisisCommons to collect census, GIS-related, and other data to assist activities of the United Nations Office of Coordination of Humanitarian Affairs for the 2011 Great Eastern Japan Earthquake Disaster (A report is available at: <a href="http://www.giscorps.org/index.php?option=com_content&amp;task=view&amp;id=102&amp;Itemid=63">http://www.giscorps.org/index.php?option=com_content&amp;task=view&amp;id=102&amp;Itemid=63</a>) (March 2011)</li> </ul>
2011-2014	Member of the Performance Baseline Team of Region Forward Coalition at Metropolitan Washington Council of Governments
2010-2019	Member of the <i>World Conference of Transportation Research Society (WCTRS)</i>
2009-present	<i>Transportation Research Board</i> , Friend of the Committee on Revenue and Finance - ABE10
2009-present	<i>Transportation Research Board</i> , Friend of the Committee on Social and Economic Factors of Transportation - ADD20

2006-2017	<i>Transportation Research Board, <u>Member</u> of the Committee on Public Transportation Planning and Development - AP025</i>
2004-2007	Member of the <i>World Conference of Transportation Research Society (WCTRS)</i>
2002-present	Member of <i>American Planning Association</i>
1999-present	Member of <i>Transportation Research Board</i>
1999-2006	Member of <i>Institute of Transportation Engineers</i>
1992-1996	Member of <i>Institute of Electrical and Electronics Engineers</i>

#### Leadership Roles in Meetings and Conferences

2014-2016	Associated Member and a Deputy Track Area Manager (TAM) for Track F-Transport, Land Use and Sustainability, Scientific Committee (SCC), <i>the World Conference of Transportation Research Society (WCTRS)</i> ; as a Deputy-TAM reviewed more than 300 paper abstracts for the 14th World Conference on Transport Research (WCTR), Shanghai, China, July 2016
2007	Program Committee for the International Symposium and Workshop on Global Supply Chain, Intermodal Transportation, and Logistics Management, University of Toledo

#### Other Services

2016	Development of a project description for the Transportation/Land-Use Connections (TLC) FY 2017 Technical Assistance Grant Program of Metropolitan Washington Council of Government (MWCOG) in coordination of the planner and human service coordinator of the City of Greenbelt: the project title “Greenbelt Senior Mobility and Accessibility Needs and Barriers Study”
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