

# Jae Hyun Lee

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## ■ Education

- Ph.D.** University of California, Santa Barbara, California, USA, 2016  
Department of Geography – Emphasis in Transportation  
Dissertation: Travel Behavior Dynamic in Space and Time  
Advisor: Konstadinos G. Goulias  
GPA: 4.0 / 4.0
- M.S.** Kyung Hee University, Seoul, South Korea, 2010  
Department of Geography – Major in Human Geography  
Thesis: An Empirical Study on the Activity Constraints of People in Urban Areas – On the basis of Activity Scheduling Theory  
GPA: 4.15 / 4.3  
Advisor: Chang-Hyeon Joh and Shi-Hak Noh
- B.S.** Kyung Hee University, Seoul, South Korea, 2008  
Department of Geography – Major in Geography & Business Administration  
GPA: 3.96 / 4.3

## ■ Employment in Universities

- **Postdoctoral Researcher**, Institute of Transportation Studies, University of California, Davis, United States
  - **October 2017 ~ present**
    - **Duties and Responsibilities:** leading projects within the PH&EV Research Center at ITS UC Davis focused on plug-in hybrid and electric vehicle travel, fueling, and charging patterns, and understanding the impacts on infrastructure needs, emissions and market development; developing GIS-based tools and research products for a variety of projects focused on travel and vehicle fueling data and forecasts, and performing statistical analysis of new travel data, and writing and editing reports.
- **Postdoctoral Researcher**, University of Washington, Seattle, United States
  - **October 2016 ~ September 2017**
    - **Project:** A three-population three-scale social network model to assess disease dispersion (NIH project #: 1R01GM108731-01A1, PI: Prof. Cynthia Chen at the University of Washington and Prof. Ling Bian at the University of Buffalo)  
**Duties and Responsibilities:** researcher at the University of Washington, machine learning of big data for trajectory derivation; using external data and resources for validations; data analysis and written/oral presentation of results; participation in teaching and community

- outreach activities; and participation in proposal preparation activities
  - **Project:** Bridging Data Gaps: A TMIP Series on Understanding Origin-Destination Data (Federal Highway Administration)  
**Duties and Responsibilities:** researcher, OD matrix estimation from mobile phone data, sensitivity analysis of OD estimation methods (based on different filtering strategies),
- **Instructor**, University of Washington, Seattle, United States
  - April 2017 ~ June 2017
    - Urban transportation planning and design (CEE 416): Developed lecture materials and gave lectures, graded problem sets, papers and exams
- **Graduate Student Researcher**, University of California, Santa Barbara, California, United States
  - April 2013 ~ September 2013, April 2014 ~ September 2016
    - **Project:** Long Distance Travel in the California Household Travel Survey (CHTS) and Social Media Augmentation  
**Duties and Responsibilities:** Researcher, developing a method to extract long distance travel from social media data, developing models to identify the determinants of long distance travel
    - **Project:** Combining California Household Travel Survey Data with Harvested Social Media Information to Form a Self-Validating, Statewide, Origin-Destination Travel Prediction Method  
**Duties and Responsibilities:** Lead researcher, developing a method to convert social media data into OD trips from conventional travel demand model; creating multiple maps to compare the OD trips from the different sources; developing statistical models to compare the OD trips, which account for spatial dependency and heterogeneity
    - **Project:** Business Establishment Survival and Transportation System Level of Service  
**Duties and Responsibilities:** Researcher, running GIS-based model to evaluate the level of service of transportations system; developing statistical models to test the longitudinal relationship between Business Establishment survival and transport system
    - **Project:** Spatial Transferability Using Synthetic Population Generation Methods  
**Duties and Responsibilities:** Researcher, reviewing population synthetic population generation model; computing indicators which reflect diverse spatial characteristics including land use and road networks
- **Teaching Assistant**, University of California, Santa Barbara, California, United States
  - January 2014 ~ March 2014, January 2013 ~ March 2013
    - Transportation planning and modeling (Geog 111A/211A): Developed lecture materials used in the lab sections, ran sections/labs & graded problem sets, papers and exams
- **Research Assistant**, Kyung Hee University, Seoul, South Korea
  - March 2006 ~ February 2010
    - **Project:** ‘Research on the travel pattern difference between age groups in the Seoul Metropolitan Area’, sponsored by Kyung Hee University  
**Duties:** Travel pattern analysis by using SPSS with Korean National Travel Survey data
    - **Project:** ‘Comparative study of consumer shopping behavior in the metropolitan area of East Asian countries’, sponsored by the Institute of Urban Spatial Information Studies of Fukuoka

University’

**Duties:** Design and conducting survey of consumer shopping behavior in Seoul; data cleaning and cluster analysis with SAM (Sequential Alignment Method)

- **Project:** ‘Research on the characteristics of urban spatial behavior in the information society and the future change in spatial behavior’, sponsored by the Korea Research Foundation

**Duties:** Design and conducting activity-travel diary survey of people in Seoul metropolitan area

## ■ Employment in Public Agencies

- **Researcher,** Korea Research Institute for Local Administration, South Korea

- Division of Regional Development, October 2011 ~ August 2012

- **Project:** ‘A Study on the Development of Strategies for Vitalizing Regional Collaboration’ funded by the South Korean Presidential Committee on Regional Development and the Ministry of Public Administration and Security

**Duties and responsibilities:** Design and conducting survey; qualitative and quantitative analysis for problem diagnosis and the development of policies regarding local development issues; created thematic maps using ArcGIS in order to identify spatial disparity issues in terms of local economics, tourism industry and transportation systems; developing policy alternatives for local development through vitalizing regional collaboration

- **Researcher,** The Korea Transport Institute, South Korea

- The Centre for Korea Transport Database, February. 2010 ~ May. 2011

- **Project:** ‘Researched for the National Transportation Demand & Construction of a Transportation Database’ funded by the South Korean Ministry of Land, Transport and Maritime Affairs.

**Duties and responsibilities:** Gathered transportation statistics published by Korean institutes, international organizations (UN, OECD, World bank) and other nations; evaluated all statistics gathered based on the necessity for Korean transportation researchers and policy makers, then transforming the data according to data users’ requirements; generated statistics by querying raw data (a notable example is that architectural area was aggregated by zone and purpose with SQL server program by querying 17 million registered building data obtained from Korean government); edited and published Korea National Transport Statistics including trend analysis; designed and conducted National Transport Statistics user requirement survey and analyzing results from the survey

- **Project:** ‘Development of a Transport Policy and Demand Analysis System’ funded by the Korea Institute of Construction & Transportation Technology Evaluation and Planning

**Duties and responsibilities:** Wrote critical review reports for contemporary transport demand analysis programs (TransCAD, EMME/3, TranSIM, CUBE, VISUM); designed and conducted user requirement survey for ‘Transport Policy and Demand Analysis System’, managed entire project including budget planning and managing research contracts with other institutes

## ■ Publications

### • Referred Journals Articles

1. Park, S. Y., **J.H. Lee**, K. C. Clarke (accepted), Capturing the Heterogeneity of Urban Growth in South Korea using a Latent Class Regression Model, *Transaction in GIS* (Corresponding author, **SSCI**)
2. **Lee J.H.** and K.G. Goulias (in press) A Decade of Dynamics of Residential Location, Car Ownership, Activity, Travel and Land Use in the Seattle Metropolitan Region, *Transportation Research Part A* (<https://doi.org/10.1016/j.tra.2018.01.029>), and Paper also presented at The 22nd International Symposium on Transportation and Traffic Theory (ISTTT), Evanston, IL, July 24-26, 2017 (**SCI, SSCI**)
3. **Lee J.H.**, A.W. Davis, S.Y. Yoon, and K.G. Goulias (2017) Exploring Daily Rhythms of Interpersonal Contacts: Time of day dynamics of human interactions using latent class cluster analysis, *Transportation Research Record: Journal of the Transportation Research Board*, No. 2666 pp 58-68. DOI: 10.3141/2666-07, 2017 **PYKE JOHNSON AWARD**: Outstanding Paper in Planning and Environment, Paper presented at the 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 8-12, 2017. (**SCI**)
4. E. McBride, A.W. Davis, **J.H. Lee**, and K.G. Goulias (2017) Incorporating Land Use in Synthetic Population Generation Methods and Transfer of Behavioral Data, *Transportation Research Record: Journal of the Transportation Research Board*, No. 2668, pp 11-20, DOI: 10.3141/2668-02, presented at the 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 8-12, 2017 (**SCI**)
5. **Lee J.H.**, A.W. Davis, and K.G. Goulias (2017) Triggers of Behavioral Change: longitudinal analysis of travel behavior, household composition and spatial characteristics of the residence. *Journal of Choice Modelling*, vol 24, pp 4-21, DOI: 10.1016/j.jocm.2017.01.001, Paper presented at the International Choice Modelling Conference, Austin TX, May 10-13, 2015 and the 14th International Conference on Travel Behaviour Research, Windsor, UK, 19-23 July 2015. Also published as GEOTRANS Report 2015-5-01, Santa Barbara, CA (**SSCI**)
6. **Lee J.H.** and K.G. Goulias (2017) Companionship and Time Investment in Social Fields at Different Life Cycle Stages: Implications for Activity and Travel Modeling and Simulation. *Research in Transportation Economics*, DOI: 10.1016/j.retrec.2017.01.003, paper presented at Frontiers in Transportations 2015 – An update on social networks and travel Beaumont Estate, Windsor – July 24th 2015 (**SSCI**)
7. **Lee J.H.**, A.W. Davis, S.Y. Yoon, K.G. Goulias (2016) Activity Space Estimation with Longitudinal Observations of Social Media Data, Paper presented at the 95th Annual Meeting of the Transportation Research Board, Washington, D.C., January 10-14, 2016., *Transportation*, vol 43 pp 955-977, DOI: 10.1007/s11116-016-9719-1 Also published as GEOTRANS Report 2015-7-01, Santa Barbara, CA (**SCI, SSCI**)
8. McBride E., **J.H. Lee**, A. Lundberg, A.W. Davis. and K. G. Goulias (2016) Behavioral micro-dynamics of car ownership and travel in the Seattle metropolitan region from 1989 to 2002. *European Journal of Transport and Infrastructure Research (EJTIR)*, Volume 16, Issue 4, pp 735-753 and presented at 95th Annual Transportation Research Board Meeting, Washington, D.C., January 10-14, 2016, Washington, D.C., January 10-14, 2016, Also published as GEOTRANS Report 2015-7-02, Santa Barbara, CA. (Corresponding author, **SSCI**)
9. Oh C.W., **J. H. Lee**, "A Spatial Statistical Analysis of Foreign Tourists` Behaviour in Seoul", *Journal of Humanities researches*, Vol. 13 pp. 225~247, 2008 (in Korean with English abstract).

- **Peer-reviewed Book Chapters**

1. **Lee J.H.** A.W. Davis, E. McBride, and K.G. Goulias (2018) Statewide Comparison of Origin-Destination Matrices between California Travel Model and Twitter, *Mobility Patterns, Big Data and Transportation Analytics* (Edited by C. Antoniou), Paper also presented at the 97th Annual Meeting of the Transportation Research Board, Washington, D.C., January 7-11, 2018
2. Davis, A. W., **Lee J.H.**, E. C. McBride, and K.G. Goulias (2018) Chapter 13: California Business Establishment Evolution and Transportation Provision, *The practice of spatial analysis: Essays in memory of Professor Pavlos Kanaroglou*

- **Papers under review and accepted for presentation**

1. Lee J.H., W. Ji, G. Tal, A. Jenn, Exploring neighborhood effects on PEV market penetration in California (2010-2016), Accepted for presentation at IATBR 2018 conference

- **Selected Peer-reviewed Conference Proceedings (full papers only)\***

1. **Lee J.H.** A.W. Davis, E. McBride, and K.G. Goulias (2018) Statewide Comparison of Origin-Destination Matrices between California Travel Model and Twitter, Paper accepted for presentation at the 97th Annual Meeting of the Transportation Research Board, Washington, D.C., January 7-11, 2018
2. **Lee J.H.** A.W. Davis, E. McBride, and K.G. Goulias (2016) Exploring Social Media Data for Travel Demand Analysis: A comparison of Twitter, household travel survey and synthetic population data in California, Paper accepted for presentation at the 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 8-12, 2017
3. **Lee J.H.**, S. Gao, and K.G. Goulias (2015) Can Twitter data be used to validate travel demand models? Paper Accepted for Presentation at the 14th International Conference on Travel Behaviour Research, Windsor, UK, 19-23 July 2015 and the 95th Annual Meeting of the Transportation Research Board, Washington, D.C., January 10-14, 2016. Also published as GEOTRANS Report 2015-5-03, Santa Barbara, CA
4. Davis A.W., **J.H. Lee**, K.D. Deutsch-Burgner, Elizabeth McBride, and K.G. Goulias (2015) Perception and Reality: Linking Metrics of Place Perception to Measurable Attributes of Place Using Cross-Classified SEM Analysis. Paper accepted for presentation at the International Choice Modelling Conference, Austin TX, May 10-13, 2015 and the 14th International Conference on Travel Behaviour Research, Windsor, UK, 19-23 July 2015. Also published as GEOTRANS Report 2015-5-02, Santa Barbara, CA.
5. **Lee J.H.**, A.W. Davis, and K.G. Goulias (2014) Exploratory Analysis of the Relationships Among Long Distance Travel, Sense of Place, and Subjective Well-Being of College Students. Paper accepted for presentation at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11-15, 2015. Also published as GEOTRANS Report 2014-8-01, Santa Barbara, CA.
6. **Lee J.H.** and K.G. Goulias (2014) Examining Differences and Commonalities of Life Cycle Stages in Daily Contacts and Activity-Travel Time Allocation. Paper accepted for presentation at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11-15, 2015. Also published as GEOTRANS Report 2014-8-02, Santa Barbara, CA.
7. Davis A.W., **J.H. Lee**, and K.G. Goulias (2014) Analyzing Bay Area Bikeshare Usage in Space

and Time. Paper accepted for presentation at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11-15, 2015. Also published as GEOTRANS Report 2014-8-03, Santa Barbara, CA.

8. Goulias K. G., **J.H. Lee**, and A.W. Davis (2014) Longitudinal Mixed Markov Latent Class Analysis of the 1989 to 2002 Puget Sound Transportation Panel Data. Paper accepted for presentation at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11-15, 2015. Also published as GEOTRANS Report 2014-8-04, Santa Barbara, CA.

\* TRB (full article submission), IATBR, and ICMC conference proceedings are selected based on peer-reviews, and their acceptance rates are between 40-60%

#### • **Research Reports to Sponsors**

1. McBride, E., Davis, A. W., **Lee, J. H.**, & Goulias, K. G. (2016). Spatial Transferability Using Synthetic Population Generation Methods, (No. Final Report). GeoTrans Lab. CalTrans Task # 2644 Contract # 65A0528
2. Davis, A., **Lee, J. H.**, McBride, E., Ravulaparthi, S., & Goulias, K. (2016). Business establishments survival and transportation system level of services. GeoTrans Lab. CalTrans Task # 2851 Contract # 65A0528
3. **Lee, J. H.**, Davis, A. W., McBride, E., & Goulias, K. G. (2016). A self-validating statewide origin-destination travel prediction method using the combination of California Household Travel Survey data with harvested social media information. GeoTrans Lab. Task # 026, Contract # 65A0529

#### ■ **Presentations by Lee**

1. **Lee J.H.** A.W. Davis, E. McBride, and K.G. Goulias (2018) Statewide Comparison of Origin-Destination Matrices between California Travel Model and Twitter, Paper accepted for presentation at *the 97th Annual Meeting of the Transportation Research Board, Washington, D.C.*, January 7-11, 2018
2. **Lee J.H.** A.W. Davis, S.Y. Yoon, and K.G. Goulias (2017) Exploring Daily Rhythms of Interpersonal Contacts: Time of day dynamics of human interactions using latent class cluster analysis, Paper presented at *the 96th Annual Meeting of the Transportation Research Board, Washington, D.C.*, January 8-12, 2017.
3. **Lee J.H.** A.W. Davis, E. McBride, and K.G. Goulias (2017) Exploring Social Media Data for Travel Demand Analysis: A comparison of Twitter, household travel survey and synthetic population data in California, Paper presented at *the 96th Annual Meeting of the Transportation Research Board, Washington, D.C.*, January 8-12, 2017
4. **Lee J.H.**, A.W. Davis, S.Y. Yoon, K.G. Goulias (2016) Activity Space Estimation with Longitudinal Observations of Social Media Data, Paper presentation at *the 95th Annual Meeting of the Transportation Research Board, Washington, D.C.*, January 10-14, 2016.
5. **Lee J.H.**, S. Gao, and K.G. Goulias (2016) Can Twitter data be used to validate travel demand models? Paper Presentation at *the 95th Annual Meeting of the Transportation Research Board, Washington, D.C.*, January 10-14, 2016.
6. **Lee J.H.**, S. Gao, and K.G. Goulias (2015) Can Twitter data be used to validate travel demand models? Paper Presentation at *the 14th International Conference on Travel Behaviour Research, Windsor, UK*, 19-23 July 2015

7. **Lee J.H.**, A.W. Davis, and K.G. Goulias (2015) Triggers of Behavioral Change. Paper accepted for presentation *at the International Choice Modelling Conference, Austin TX, May 10-13, 2015*
8. **Lee J. H.**, A.W. Davis, and K.G. Goulias (2015) Investigating the Relationship between Sense of Place, Subjective Well-Being, and Travel Behavior. *Presentation at the Association of American Geographers Annual Meeting, April 21-25, 2015. Chicago, Illinois. (presenter: Lee)*
9. **Lee J. H.**, A.W. Davis, and K.G. Goulias (2015) Exploratory Analysis of Relationships Among Long-Distance Travel, Sense of Place, and Subjective Well-being of College Students. Paper presentation at the *94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11-15, 2015. (Presenter: Lee).*
10. **Lee J.H.** and K.G. Goulias (2015) Examining Differences and Commonalities of Life Cycle Stages in Daily Contacts and Activity-Travel Time Allocation. Paper presentation at the *94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11-15, 2015. (Presenter: Lee).*
11. **Lee J.H.**, K.G. Goulias (2014) Investigating the Relationship Between Sense of Place, Subjective Well-Being, and Long-distance Travel, University of California Transportation Center, Annual Student Conference, *Cal Poly Pomona, CA*
12. **Lee, J.H.** and K.G. Goulias (2013) Exploring the Relationship between Activity Types and the Types of Business Establishments. Association of American Geographers Annual Meeting *Los Angeles, CA. April 9-13, 2013. (Presenter: Lee)*
13. **Lee J.H.**, Si-Hak Noh, Chang-Hyeon Joh, (2009) "An Empirical Study on the Activity Constraints of People in Urban Areas: on the Basis of Activity Scheduling Theory", Proceedings of the Korea Regional Science Association Conference, *Seoul, South Korea, 2009* (in Korean with English abstract).

#### ■ Presentations by Co-Authors

1. E. McBride, A.W. Davis, **J.H. Lee**, and K.G. Goulias (2017) Incorporating Land Use in Synthetic Population Generation Methods and Transfer of Behavioral Data, Paper presented at the 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 8-12, 2017, (Presenter: McBride)
2. Davis A.W., **J.H Lee.**, and K.G. Goulias (2016) Taking Place Perception into Travel Behavior Research. Paper presentation *at the 95th Annual Transportation Research Board Meeting, Washington, D.C., January 10-14, 2016, (Presenter: Davis).*
3. Goulias, K. G., **J. H. Lee**, A. W. Davis, E. McBride (2016) Building a Statewide Origin-Destination Matrix in California Using Social Media Data: Lessons Learned. Invited Presentation at the *University of Cyprus - Summer school 2016 - Big data, mobility patterns and transport analytics.* June 3, Nicosia, Cyprus. (Presenter: Goulias)
4. Goulias, K. G., **J. H. Lee**, A. W. Davis, E. McBride (2016) Activity Space Estimation with Longitudinal Observations of Social Media Data. Invited Presentation at the *University of Cyprus - Summer school 2016 - Big data, mobility patterns and transport analytics.* June 3, Nicosia, Cyprus. (Presenter: Goulias).
5. McBride E., **J.H. Lee**, A. Lundberg, A.W. Davis. and K. G. Goulias (2016) Behavioral micro-dynamics of car ownership and travel in the Seattle metropolitan region from 1989 to 2002. Paper presentation *at the 95th Annual Transportation Research Board Meeting, Washington, D.C., January 10-14, 2016, (Presenter: McBride).*

6. Davis A.W., **J.H. Lee**, K.D. Deutsch-Burgner, Elizabeth McBride, and K.G. Goulias (2015) Perception and Reality: Linking Metrics of Place Perception to Measurable Attributes of Place Using Cross-Classified SEM Analysis. Paper presentation at the *14th International Conference on Travel Behaviour Research, Windsor, UK*, 19-23 July 2015. (Presenter: Davis).
7. Davis A.W., **J.H. Lee**, K.D. Deutsch-Burgner, Elizabeth McBride, and K.G. Goulias (2015) Perception and Reality: Linking Metrics of Place Perception to Measurable Attributes of Place Using Cross-Classified SEM Analysis. Paper presentation at the International Choice Modelling Conference, Austin TX, May 10-13, 2015. (Presenter: Davis).
8. Davis A.W., and **J.H. Lee**, and K.G. Goulias (2015) Analyzing Bay Area Bikeshare Usage in Space and Time. Paper presentation at the *94th Annual Meeting of the Transportation Research Board, Washington, D.C.*, January 11-15, 2015. (Presenter: Davis).
9. Goulias K.G., **J.H. Lee**, and A.W. Davis (2015) Longitudinal Mixed Markov Latent Class Analysis of the 1989 to 2002 Puget Sound Transportation Panel. Paper presentation at the *94th Annual Meeting of the Transportation Research Board, Washington, D.C.*, January 11-15, 2015. (Presenter: Goulias).
10. **Lee J.H.**, A.W. Davis, and K.G. Goulias (2015) Triggers of Behavioral Change. Paper accepted for presentation at the 14th International Conference on Travel Behaviour Research, Windsor, UK, 19-23 July 2015 (Presenter: Goulias).
11. **Lee J.H.** and K.G. Goulias (2015) Examining differences and commonalities of life cycle stages in daily contacts, activity participation, and travel time allocation. 37th IATUR Conference on Time Use Research, Ankara (Turkey), August 5-7, 2015. (presenter: Goulias)
12. Goulias K.G., **J.H. Lee**, E. McBride, A. W. Davis, A. Lundberg (2015) Household Behavioral Dynamics. XIX European Colloquium on Theoretical and Quantitative Geography (ECTQG2015), Bari (Italy), 3-7 September 2015 (presenter: Goulias)
13. McBride E., **J. H. Lee**, A. W. Davis, and K.G. Goulias (2015) Behavioral micro-dynamics of car ownership, activity and travel in the Seattle metropolitan region from 1989 to 2002. 4th symposium of the European Association for Research in Transportation (hEART 2015), Lingby (Denmark), September 9-11, 2015 (presenter: McBride).
14. Goulias K.G. A. W. Davis, and **J.H. Lee** (2015) Developing Mental Maps Using Sense of Place and Place Perception Survey Data, Social Media Place Happiness Information, and Objectively Measurable Attributes of Places. 1st International Conference on Experiential Tourism, Santorini, Greece, October 8-11, 2015 (presenter: Goulias).
15. Goulias K.G., A. Polydoropoulou, I. Tsouros, and **J.H. Lee** (2015) Green Transport in the Island Areas: Measurement of Sense of Place and Comparison with Social Media Data in a Greek Island (poster). 1st International Conference on Experiential Tourism, Santorini, Greece, October 8-11, 2015 (presenter: Goulias).

## ■ Professional Activities

- **Conference Co-chair and Co-organizer**, UCCONNECT Annual Student Conference 2015, Santa Barbara, February 27th – March 1st 2015
- **Member**, The International Association for Travel Behavior Research, 2015 ~ present.
- **Member**, Transportation Research Board (TRB), 2014 ~ present
- **Member**, Association of American Geographers (AAG), 2013 ~ present



- **Paper Reviewer**, Transportation Letters, 2013 ~ present  
Transportation, 2016 ~ present  
Transportation Research Records, 2015 ~ present  
International Journal of Sustainable Transportation, 2018 ~ present  
Transportation Research Part C, 2018 ~ present  
Transportation Research Part D, 2018 ~ present
- **Secretary**, The Organizing Committee of the Twenty-first GEBCO Sub-Committee on Undersea Feature Names & The Third International Symposium on Application of Marine Geophysical Data and Undersea Feature Names, August 2007 ~ November 2008 ([http://www.iho-ohi.net/mtg\\_docs/com\\_wg/SCUFN/SCUFN21/SCUFN21\\_information.pdf](http://www.iho-ohi.net/mtg_docs/com_wg/SCUFN/SCUFN21/SCUFN21_information.pdf))
- **Secretary**, The Organizing Committee of the 2nd and International Symposium on Application of Marine Geophysical Data and Undersea Feature Names Publications, August 2007 ~ November 2007

## ■ Awards / Honor

- **Paper Award Recipient, 2017 PYKE JOHNSON Award**, “Exploring Daily Rhythms of Interpersonal Contacts: Time of Day Dynamics of Human Interactions Using Latent Class Cluster Analysis”, January 8, 2018, TRB 97<sup>th</sup> annual meeting
- **Paper Award Recipient**, First place, “Title: Activity Space Estimation with Longitudinal Observation of Social Media Data”, Korean-American Association of Geospatial Environmental Science Student Paper Award, March, 31<sup>th</sup>, 2016, AAG 2016, San Francisco
- **Dissertation Grant Recipient, 2016 UCCONNECT Dissertation Grant Award (Total \$37,000)**, University of California Center on Economic Competitiveness in Transportation,
  - Spring quarter, 2016, \$16,000 (April 4<sup>th</sup>, 2016)
  - Summer quarter, 2016, \$21,000 (June 23<sup>rd</sup>, 2016)
- **Paper Award Recipient, Excellent paper prize**, Title: ‘A Study Towards a Bicycle Oriented City: A Case Study for Sanggye-dong in Seoul’, the Seoul Metropolitan Government, November 7, 2005, 1,500,000 KRW (Approximately \$1,400)
- **Travel Award Recipient**, Dangermond Travel Scholarship (Total \$6,150), Department of Geography, UC Santa Barbara, United States, 2013-present
  - Annual Meeting of Association of American Geographer, 2016, San Francisco, \$500
  - 95<sup>th</sup> Annual Meeting of Transportation Research Board, 2016, Washington D.C. \$750
  - 14th International Conference on Travel Behavior Research, 2015, London, United Kingdom \$1,200
  - Annual Meeting of Association of American Geographer, 2015, Chicago, \$500
  - 94<sup>th</sup> Annual Meeting of Transportation Research Board, 2015, Washington D.C. \$700
  - ESRI User Conference, 2014, San Diego, \$2,000
  - Annual Meeting of Association of American Geographer, 2013, Los Angeles, \$500
- **Fellowship Grant Recipient**, Kyung Hee University, Seoul, South Korea, 2005 ~ 2008, 10,868,000 KRW (Approximately \$10,000)

## ■ References

- Professor Konstadinos G. Goulías,  
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phaedon.kyriakidis@cut.ac.cy