

CONNOR Y.H. WU

Ph.D. Candidate in Management Science and Information Systems, Spears School of Business

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Google Scholar: scholar.google.com/citations?user=ikrhki0AAAAJ

U.S. Permanent Resident — no visa sponsorship required

SUMMARY

Information systems researcher focused on the economics and organization of generative AI in healthcare, with a strong foundation in causal inference, econometrics, and large-scale hospital data. I bring 23 peer-reviewed publications, 550+ Google Scholar citations, and five years of prior tenure-track faculty experience. My dissertation traces how generative AI recomposes clinical work at the physician, hospital, and patient levels.

EDUCATION

Oklahoma State University, Spears School of Business, Stillwater, OK, USA.....2023–2027 (Expected)

Ph.D. in Business Administration, Management Science and Information Systems option

Dissertation: *From Scale to Composition: How Generative AI Recomposes Clinical Work*

Advisor: Regents Professor Ramesh Sharda. Committee: Andy Luse, Chenzhang Bao, Aaron (Xiaojing) Sun.

Proposal defense scheduled August 14, 2026; dissertation defense expected Spring 2027.

The University of Hong Kong, Hong Kong 2010–2014

Ph.D. in Geography

Dissertation: *Motorcycle Safety in Developing Countries: A Case Study in Maoming, South China* — supported by a four-year Postgraduate Studentship, Research Grants Council, HKSAR

Hong Kong Polytechnic University, Hong Kong 2007–2009

M.Sc. in Geomatics (GIS). Thesis: *Quality Checking for GIS Data*

Beijing Normal University, China..... 2003–2007

B.Eng. in Computer Science — Distinguished Undergraduate Thesis Award

RESEARCH

Interests: The economics and organization of generative AI in healthcare — how AI adoption recomposes clinical work, workforce composition, and hospital operations; health IT platform ecosystems and EHR vendor channels; AI-enabled healthcare equity and access. My dissertation, *From Scale to Composition: How Generative AI Recomposes Clinical Work*, traces these effects at the physician, hospital, and patient levels.

Methods: Causal inference with large-scale observational data (staggered difference-in-differences and event studies, shift-share instruments, partial identification), field and survey experiments, survey design, machine learning, and spatial analytics.

Metrics: 23 peer-reviewed journal articles · Google Scholar citations: 550+ · h-index: 12

Under Review

2. **Connor Y.H. Wu**. The Vendor Channel: Platform Envelopment and the Allocation of Generative AI Across U.S. Hospitals. Under review at *Management Science*.

1. **Connor Y.H. Wu**, Chenzhang Bao, Xiao Luo, Wenting Jiang, Ramesh Sharda, and Xiongying Chen. Delayed Aftershocks: Understanding Emergency Room Revisit Surges Following Heat Waves. Under review at *Health Systems*.

Work in Progress

4. **Connor Y.H. Wu**, Chenzhang Bao, and Ramesh Sharda. From Substitution to Sorting: Communication LLMs and the Compositional Reshaping of In-Person Care. (AMCIS 2026 Best Paper Nominee) Target: *Information Systems Research* (submission expected August 2026).

3. **Connor Y.H. Wu**, Aaron (Xiaojing) Sun, and Ramesh Sharda. The Verification Floor: How a Communication AI

Re-Tiers Nurse Staffing and Hospital Operations. Target: *Information Systems Research* (submission expected September 2026).

2. **Connor Y.H. Wu**, Xiang Fang, Chenzhang Bao, Wenting Jiang, Xiao Luo, and Ramesh Sharda. When Simple Social Cues Beat LLM Personalization: Evidence from a Collaborative Learning Forum. Target: *Decision Sciences Journal of Innovative Education* (submission expected October 2026).
1. **Connor Y.H. Wu**, Chenzhang Bao, and Ramesh Sharda. Neither Shortcut nor Wedge: A Mandated Coaching-Mode AI Tutor in an Introductory Programming Course, and What It Means for Teaching. Target: *Communications of the Association for Information Systems* (submission expected September 2026).

Published — IS-related Journal Articles

5. Siqin Wang, Haiyan Liu, **Connor Y.H. Wu***, Xiao Huang, Ruomei Wang, Yifan Yang, Jonathan Corcoran, Shengjie Lai, Xinming Xia, and Yan Liu (2026). “The Boiling Frog Effect: Global Warming Delays Emotional Impacts of Air Pollution in Warmer Climates.” *Journal of Hazardous Materials*. [SJR: Q1; IF = 11.3]
4. Siqin Wang, Wenhui Cai, Qian Chayn Sun, **Connor Y.H. Wu**, Xiao Huang, Ioannis Giannopoulos, Negar Alinaghi, and Zhihang Liu (2025). “Human-Perceived vs. Actual Built Environment: Using Human-Centred GeoAI and Street View Images to Support Urban Planning in Australia.” *Journal of Environmental Management*. [ABDC: A; SJR: Q1; IF = 8.0]
3. Wenting Jiang, Mengxi Zhang, **Connor Y.H. Wu***, and Weichuan Dong (2024). “Rural–Urban Differences in the Determinants of Subjective Well-Being among X/Twitter Users in the United States.” *Population, Space and Place*, doi:10.1002/psp.2861. [ABDC: A; SJR: Q1; IF = 2.6]
2. Zhihang Liu, Jinlin Wu, **Connor Y.H. Wu**, and Xinming Xia (2024). “Shifting Sentiments and Pandemic Fatigue: Unveiling Public Reaction to COVID-19 Containment Policies in Wuhan and Shanghai Through Weibo Data.” *Humanities & Social Sciences Communications*, doi:10.1057/s41599-024-03592-3. [SJR: Q1; IF = 3.7]
1. Xinming Xia, Yi Zhang, Wenting Jiang, and **Connor Y.H. Wu*** (2023). “Staying Home, Tweeting Hope: Mixed Methods Study of Twitter Sentiment Geographical Index During US Stay-at-Home Orders.” *Journal of Medical Internet Research*, doi:10.2196/45757. [SJR: Q1; IF = 7.4]

* denotes corresponding author.

Published — Selected GIS-related Journal Articles (ABDC-Listed)

First career (2009–2023): a decade in GIS and health geography produced 18 peer-reviewed articles applying spatial analytics to public health, climate, and transportation safety; the three ABDC-listed articles appear below, and the remaining 15 are listed under Additional GIS-related Journal Articles.

3. Wei Yan, S.C. Wong, Becky P.Y. Loo, **Connor Y.H. Wu**, Helai Huang, Xin Pei, and Fanyu Meng (2022). “An Assessment of the Effect of Green Signal Countdown Timers on Drivers’ Behavior and on Road Safety at Intersections, Based on Driving Simulator Experiments and Naturalistic Observation Studies.” *Journal of Safety Research*. [ABDC: A; SJR: Q1; IF = 3.5]
2. **Connor Y.H. Wu**, Benjamin F. Zaitchik, and Julia M. Gohlke (2018). “Heat Waves and Fatal Traffic Crashes in the Continental United States.” *Accident Analysis & Prevention*, 119, 195–201, doi:10.1016/j.aap.2018.07.025. [ABDC: A*; SJR: Q1; IF = 3.6]
1. **Connor Y.H. Wu** and Becky P.Y. Loo (2017). “Changes in Novice Motorcyclist Safety in Hong Kong After the Probationary Driving License Scheme.” *Transportmetrica A: Transport Science*, 13(5), 435–448, doi:10.1080/23249935.2017.1289277. [ABDC: B; SJR: Q1; IF = 1.5]

REFEREED CONFERENCE PROCEEDINGS IN IS

6. **Connor Y.H. Wu**, Chenzhang Bao, and Ramesh Sharda (2026). Communication LLMs Increase Hospital Dwell Time: Evidence from the Early Nationwide Deployment in U.S. Electronic Health Records (Completed Research Paper). *ICIS 2026*, Lisbon, Portugal. *ICIS 2026 Proceedings will be available after December 2026*.
5. **Connor Y.H. Wu**, Chenzhang Bao, and Ramesh Sharda (2026). Fewer Visits, Longer Stays: How AI-Mediated Communication in Electronic Health Record Systems Transforms Healthcare Utilization. *AMCIS 2026 Proceedings*. 11. <https://aisel.aisnet.org/amcis2026/sigadit/sigadit/11> (Best Paper Nominee)
4. **Connor Y.H. Wu**, Chenzhang Bao, and Ramesh Sharda (2026). Fewer Visits, Longer Stays: How AI-Mediated Communication in Electronic Health Record Systems Transforms Healthcare Utilization. *16th Annual Conference*

on Health IT and Analytics (CHITA), Washington, D.C. <https://cdhai.carey.jhu.edu/wp-content/uploads/sites/5/2026/04/CHITA-2026-Session-Schedule.pdf>

3. **Connor Y.H. Wu** and Ramesh Sharda (2025). A Pedagogical Approach for Integrating Generative AI into a Data Analytics Course. *Proceedings of the 2025 Pre-ICIS SIGDSA Symposium*. 53. <https://aisel.aisnet.org/sigdsa2025/53>
2. **Connor Y.H. Wu**, Aaron (Xiaojing) Sun, and Ramesh Sharda (2025). The Geography of AI in Healthcare: Spatial Spillover Effects and Health Equity Implications of Hospital AI Adoption. *15th Annual Conference on Health IT and Analytics (CHITA)*, Austin, TX. <https://www.mcombs.utexas.edu/wp-content/uploads/2025/04/CHITA-2025-Program-v8.pdf>
1. **Connor Y.H. Wu**, Xiongying Chen, Chenzhang Bao, Xiao Luo, Wenting Jiang, and Ramesh Sharda (2025). Managing the Heat Wave Aftermath: Temporal Patterns in Emergency Room Revisits Drive Dynamic Resource Planning. *15th Annual Conference on Health IT and Analytics (CHITA)*, Austin, TX. <https://www.mcombs.utexas.edu/wp-content/uploads/2025/04/CHITA-2025-Program-v8.pdf>

TEACHING

Interests: Business Analytics; Computer Programming for Business (Python, C#); AI in Business; Healthcare Analytics; Database Design and Management; GIS.

Oklahoma State University — Instructor of Record..... 2023–Present
MSIS 2233 Business Analytics Fundamentals (in person; scheduled Fall 2026)
MSIS 2203 Computer Programming for Business (in person; overall evaluation **4.51/5.0**, 103 responses)
– Spring 2026, integrated with ChatGPT-based customized AI agents: 4.34/5.0 (39/43 responses, 90.7%)
– Spring 2024: 4.64/5.0 (41/47, 87.2%) · Fall 2023: 4.57/5.0 (23/26, 88.5%)

Troy University — Assistant Professor, GIS & Geography 2018–2023
15 undergraduate and 3 graduate courses (in person & online); overall average evaluation **4.91/5.0**
Selected courses: Basic GIS; Introduction to Remote Sensing; GIS in the Social Sciences; Fundamentals of Geographical Information & Analysis; Applications of Geospatial Information Science; Spatial Database Design & Management; Spatial Modeling & Programming

WORK EXPERIENCE

Center of Geographic Analysis, Harvard University, Cambridge, MA — Research Associate (Remote) ... 2022–2023
Directed the Spatiotemporal Innovation Lab for Big Data; conducted sentiment analysis on geo-tweet datasets; taught spatial analysis and GIS in CGA workshops and webinars.

Troy University, Troy, AL — Assistant Professor (Tenure-Track)..... 2018–2023
Published 12 peer-reviewed articles; founded Alabama’s only annual GIS Day; recruitment outreach grew the GIS major by 500%+ (2020–2022).

Virginia Tech, Blacksburg, VA — Postdoctoral Fellow 2016–2018
NIH-funded research (PI: Julia M. Gohlke) linking heat waves to adverse health outcomes using GIS models (C#, Python), MODIS satellite data, and mixed methods; related work on mining disturbances and radon exposure in Appalachia.

The University of Hong Kong, Hong Kong — Research Associate 2014–2016
Built GIS, statistical, and wavelet models (ArcGIS, SAS, R, Matlab) of climate–epidemic dynamics, including plague transmission in pre-industrial Europe and China.

The University of Hong Kong, Hong Kong — Teaching & Research Assistant 2009–2013
Designed and taught undergraduate transportation geography; managed a 48-member team surveying 3,000+ motorcyclists; ran observational surveys covering 600,000+ road users.

GRANTS, HONORS & AWARDS

Honors & Awards

AMCIS 2026 Best Paper Nominee 2026

Humane Studies Fellowship, Institute for Humane Studies, George Mason University (\$2,500)	2025
Top-Tier Scholarship, Institute for the Study of Free Enterprise (ISFE), Oklahoma State University (\$500).....	2025
First Place, Three-Minute Thesis (3MT) Competition, SSB, Oklahoma State University	2024
ISFE Doctoral Scholar, Oklahoma State University (\$1,000).....	2024–2025
Edward Jones Scholar (\$2,500).....	2024
GPSGA Travel Award (\$600) — China Summer Workshop on Information Management, Xiamen	2024
1890 First-Generation Scholarship, Oklahoma State University (\$1,890)	2023
SSB Ph.D. Scholarship (full tuition waiver + four-year stipend), Oklahoma State University	2023
Student and Postdoctoral Fellow Travel Award, Teratology Society (\$500)	2018
Four-Year Postgraduate Studentship, Research Grants Council, HKSAR.....	2010–2013

Grants (12 internal and external grants totaling \$21,335)

Doctoral Student Research Grant, Spears School of Business, Oklahoma State University (\$3,000)	2025
Expense Support Grant, Institute for Humane Studies, George Mason University (\$3,600)	2025
Grant Writing Funds, Troy University (\$3,000 each).....	2021, 2022
Research Grants, Troy University (\$1,600; \$2,500; \$1,900).....	2018–2020
Paper Presentation Grants, Troy University (five awards, \$2,735 total)	2019–2023

DOCTORAL CONSORTIA, WORKSHOPS, & CONFERENCE PRESENTATIONS IN IS

7. **Connor Y.H. Wu** (2026). The Vendor Channel: Platform Envelopment and the Allocation of Generative AI Across U.S. Hospitals. *MISQ Author Development Workshop* (August 2026).
6. **Connor Y.H. Wu**, Chenzhang Bao, and Ramesh Sharda (2026). Communication LLMs Increase Hospital Dwell Time: Evidence from the Early Nationwide Deployment in U.S. Electronic Health Records. *MISQ Author Development Workshop* (August 2026).
5. **Connor Y.H. Wu** (2026). From Scale to Composition: How Generative AI Recomposes Clinical Work (Completed Research Paper). *AMCIS 2026 Doctoral Consortium*, Reno, NV.
4. **Connor Y.H. Wu** (2026). *16th Annual Conference on Health IT and Analytics (CHITA) Doctoral Consortium*, Washington, D.C.
3. **Connor Y.H. Wu** (2025). *15th Annual Conference on Health IT and Analytics (CHITA) Doctoral Consortium*, Austin, TX
2. **Connor Y.H. Wu** and Ramesh Sharda (2025). Two Threats, One Choice: A Dual-Protection Motivation Theory of Physicians' AI Adoption. *23rd JAIS Theory Development Workshop*, Nashville, TN.
1. Wenting Jiang, **Connor Y.H. Wu**, and Ashish Gupta (2022). Geographical Clustering of Cancer Mortality Rates and Their Relationship with the COVID-19 Pandemic: County-Level Analysis in the United States. *INFORMS Annual Meeting*, Indianapolis, IN.

ADDITIONAL GIS-RELATED JOURNAL ARTICLES

Continuation of the publication list in the Research section (first career, 2009–2023).

15. Xiao Huang, Siqin Wang, Di Yang, Tao Hu, Meixu Chen, Mengxi Zhang, Guiming Zhang, Filip Biljecki, Tianjun Lu, Lei Zou, **Connor Y.H. Wu**, YooMin Park, Xiao Li, Yuzhe Liu, Hongchao Fan, Jessica Mitchell, Zhenlong Li, and Alexander Hohl (2024). “Crowdsourcing Geospatial Data for Earth and Human Observations: A Review.” *Journal of Remote Sensing*, doi:10.34133/remotesensing.0105. [SJR: Q1; IF = 6.8]
14. Suwei Wang, **Connor Y.H. Wu**, E. Austin, M. Davis, and Julia M. Gohlke (2022). “Healthcare Visits and Summertime Heat Index in Virginia: An Analysis of Syndromic Surveillance Data Collected From 2015–2020.” *Journal of Environmental Health* [IF=1.5].
13. **Connor Y.H. Wu*** (2021). “Heat Waves and Road Traffic Collisions in Alabama, United States.” *Annals of the American Association of Geographers*, doi:10.1080/24694452.2021.1960145. [SJR: Q1; IF = 4.7]
12. Suwei Wang, **Connor Y.H. Wu**, Molly B. Richardson, Benjamin F. Zaitchik, and Julia M. Gohlke (2021). “Characterization of Heat Index Experienced by Individuals Residing in Urban and Rural Settings.” *Journal of Exposure Science & Environmental Epidemiology*, 31(4), 641–653, doi:10.1038/s41370-021-00303-x. [SJR: Q1;

IF = 3.5]

11. Suwei Wang, Molly B. Richardson, **Connor Y.H. Wu**, Benjamin F. Zaitchik, and Julia M. Gohlke (2020). "Effect of an Additional 30 Minutes Spent Outdoors During Summer on Daily Steps and Individually Experienced Heat Index." *International Journal of Environmental Research and Public Health*, 17(20), 7558. [IF = 2.8]
10. **Connor Y.H. Wu***, Harry F. Lee, and H. Liu (2020). "Effect of Temperature and Precipitation Change on Crime in the Metropolitan Area in Virginia, USA." *Asian Geographer*, 37(1), 17–31, doi:10.1080/10225706.2019.1678046. [IF = 1.3]
9. Molly B. Richardson, C. Chmielewski, **Connor Y.H. Wu**, M.B. Evans, L.A. McClure, K.W. Hosig, and Julia M. Gohlke (2019). "The Effect of Time Spent Outdoors During Summer on Daily Blood Glucose and Steps in Women with Type 2 Diabetes." *Journal of Behavioral Medicine*, 43(5), 783–790, doi:10.1007/s10865-019-00113-5. [IF = 2.9]
8. Suwei Wang, Molly B. Richardson, **Connor Y.H. Wu**, Carly D. Cholewa, Claudiu T. Lungu, Benjamin F. Zaitchik, and Julia M. Gohlke (2019). "Estimating Occupational Heat Exposure From Personal Sampling of Public Works Employees in Birmingham, Alabama." *Journal of Occupational and Environmental Medicine*, 61(6), 518–524, doi:10.1097/JOM.0000000000001604. [IF = 1.4]
7. **Connor Y.H. Wu**, M. Bennett, K. Fox, A. Hubbard, L. Parkhurst, R. Sherrod, ... S.W. Marmagas (2019). "Geological Data and Outreach Methods for Designing Targeted Home Radon Testing Programs." *Environmental Earth Sciences*, 78(4), 120, doi:10.1007/s12665-019-8123-5. [IF = 2.2]
6. **Connor Y.H. Wu**, Benjamin F. Zaitchik, Samarth Swarup, and Julia M. Gohlke (2019). "Influence of the Spatial Resolution of the Exposure Estimate in Determining the Association Between Heat Waves and Adverse Health Outcomes." *Annals of the American Association of Geographers*, 109(3), 875–886, doi:10.1080/24694452.2018.1511411. [SJR: Q1; IF = 4.1]
5. Ricci P.H. Yue, Harry F. Lee, and **Connor Y.H. Wu** (2017). "Trade Routes and Plague Transmission in Pre-Industrial Europe." *Scientific Reports*, 7(1), 12973, doi:10.1038/s41598-017-13481-2. [SJR: Q1; IF = 5.2]
4. Y. Jian, **Connor Y.H. Wu**, and Julia M. Gohlke (2017). "Effect Modification by Environmental Quality on the Association Between Heatwaves and Mortality in Alabama, United States." *International Journal of Environmental Research and Public Health*, 14(10), 1143, doi:10.3390/ijerph14101143. [IF = 2.1]
3. **Connor Y.H. Wu**, M.B. Evans, P.E. Wolff, and Julia M. Gohlke (2017). "Environmental Health Priorities of Residents and Environmental Health Professionals: Implications for Improving Environmental Health Services in Rural Versus Urban Communities." *Journal of Environmental Health*, 80(5), 28. [IF=1.5]
2. Ricci P.H. Yue, Harry F. Lee, and **Connor Y.H. Wu** (2016). "Navigable Rivers Facilitated the Spread and Recurrence of Plague in Pre-Industrial Europe." *Scientific Reports*, 6(1), 34867, doi:10.1038/srep34867. [SJR: Q1; IF = 4.3]
1. **Connor Y.H. Wu**, and Becky P.Y. Loo (2016). "Motorcycle Safety Among Motorcycle Taxi Drivers and Nonoccupational Motorcyclists in Developing Countries: A Case Study of Maoming, South China." *Traffic Injury Prevention*, 17(2), 170–175, doi:10.1080/15389588.2015.1048336. [IF = 1.7]

* denotes corresponding author.

CONFERENCE PRESENTATIONS IN GEOGRAPHY & GIS

16. **Connor Y.H. Wu**, Xinming Xia, Wenting Jiang, Yi Zhang, Lingbo Liu, and Kejie Zhou (2023). Twitter Sentiments on the Stay-at-Home Orders in the United States. *AAG Annual Meeting*, Virtual.
15. **Connor Y.H. Wu** and Abby L. Reed (2022). Effects of Heat Waves on Traffic Collisions: A Case Study in Alabama, United States. *AAG Annual Meeting*, Virtual.
14. Long Ma and **Connor Y.H. Wu** (2022). The Impact of COVID-19 on Crime: A Study from the Spatial-Temporal Perspective in Montgomery County, AL. *Proceedings of the 14th International Conference on Agents and Artificial Intelligence (ICAART)*, Vol. 3, 532–539. doi:10.5220/0010856700003116
13. **Connor Y.H. Wu** (2021). Heat Exposure of Farmworkers in the Hand-Harvest Fields in Alabama, the US. *AAG Annual Meeting*, Virtual.
12. **Connor Y.H. Wu** (2020). Temperature Assessment of Hand-Harvesting Crop Fields in Alabama, the US. *AAG Annual Meeting*, Denver, CO.

11. **Connor Y.H. Wu**, Benjamin F. Zaitchik, and Julia M. Gohlke (2019). Heat Waves and Fatal Traffic Crashes in the Continental United States. *AAG Annual Meeting*, Washington, D.C.
10. **Connor Y.H. Wu**, Anna A. Scott, Molly B. Richardson, Pranavi Ghugare, Samarth Swarup, Benjamin F. Zaitchik, and Julia M. Gohlke (2018). Improving Heat Stress-related Health Outcomes Through Adaptation and Mitigation — Advances in Modeling Heat Stress Hazards, Exposure, and Vulnerability. *AGU Fall Meeting*, Washington, D.C.
9. Suwei Wang, Molly B. Richardson, **Connor Y.H. Wu**, Carly D. Cholewa, Claudiu T. Lungu, Benjamin F. Zaitchik, and Julia M. Gohlke (2018). Estimating Occupational Heat Exposure from Personal Sampling of Public Works Employees in Birmingham, Alabama. *AGU Fall Meeting*, Washington, D.C.
8. **Connor Y.H. Wu**, Benjamin F. Zaitchik, Samarth Swarup, and Julia M. Gohlke (2018). Preterm Birth and Heat Waves: Influence of the Spatial Resolution of the Exposure Estimate in Determining the Association. *Teratology Society 58th Annual Meeting*.
7. **Connor Y.H. Wu**, Benjamin F. Zaitchik, Samarth Swarup, and Julia M. Gohlke (2018). Influence of the Spatial Resolution of the Exposure Estimate in Determining the Association Between Heat Waves and Adverse Health Outcomes. *AAG Annual Meeting*.
6. **Connor Y.H. Wu**, Julia M. Gohlke, Benjamin F. Zaitchik, Samarth Swarup, and Sung Kim (2017). Influence of Spatial Resolution for Exposure Estimation in Determining the Association Between Heatwaves and Adverse Health Outcomes. *APHA Annual Meeting*.
5. **Connor Y.H. Wu** (2017). The Association Between Heat Waves and Preterm Birth Using Address-Level Versus ZIP Code-Level Data. *AAG Annual Meeting*.
4. **Connor Y.H. Wu** (2016). Effect of Temperature and Precipitation Change on Historical Plague Outbreaks in Europe. *URISA GIS and Health Symposium — Mapping the Way to Healthy Communities*.
3. **Connor Y.H. Wu** and Becky P.Y. Loo (2013). Effects of Helmet Law Enforcement on Helmet Use: A Case Study in Maoming, China. *18th International Conference of the Hong Kong Society for Transportation Studies*, Hong Kong.
2. Becky P.Y. Loo and **Connor Y.H. Wu** (2013). Effects of Vehicular Countdown Signals on Intersection Safety: A Case Study in Maoming City, China. *AAG Annual Meeting*.
1. Becky P.Y. Loo and **Connor Y.H. Wu** (2012). Effects of the Probationary Driving License Scheme on Motorcycle Safety in Hong Kong. *AAG Annual Meeting*.

VOLUNTEER WORK

Emergency Room Volunteer, **Stillwater Medical Center**, Stillwater, OK 2025–Present
 GIS Volunteer (mapping and grant support), **Autism Support of Alabama**, Birmingham, AL 2020–2024
 Volunteer (online mapping & data visualization), **Montgomery Area Food Bank**, Montgomery, AL 2020–2023
 Research Collaborator, **Old Dominion University**, Norfolk, VA 2015–2019
 GIS Analyst (volunteer), **Foodbank of Southeastern Virginia and the Eastern Shore**, Norfolk, VA 2015–2018
 Event Volunteer, Walk Like MADD, **Mothers Against Drunk Driving**, Virginia Beach, VA 2015

PROFESSIONAL ACTIVITIES

Information Systems

Conference Reviewer: ICIS (2024–2026); AMCIS (2024–2026); PACIS (2026); MWAIS (2025)

Journal Reviewer (health informatics): Journal of Medical Internet Research (2023–Present); JMIR Public Health and Surveillance (2023–Present)

Memberships: Association for Information Systems (AIS); INFORMS

Geography, GIS & Public Health

Editorial Review Board: Madridge Journal of Behavioral and Social Sciences (2019–Present)

Journal Reviewer (16 journals, 2014–Present): Environmental Health Perspectives; Scientific Reports; Sustainability; International Journal of Environmental Research and Public Health; Traffic Injury Prevention; Journal of Transport Geography; Travel Behaviour and Society; Environmental Earth Sciences; Atmosphere; Environmental Health; Injury Epidemiology; Archives of Environmental and Occupational Health; Journal of Transport Policy; IATSS Research; Journal of Orthopedics and Trauma Research; Open Transportation Journal

Memberships: American Association of Geographers (AAG); American Public Health Association (APHA); Teratology Society

TECHNICAL SKILLS

Statistical & Econometric: Stata, R, SAS, SPSS, MATLAB, Mplus

Programming: Python, C#, C/C++, JavaScript, PHP, ASP (VBScript), HTML5/CSS, KML

Data & Analytics: SQL, Oracle, MS Access, KNIME

GIS & Remote Sensing: ArcGIS Pro/Desktop/Server, ArcSDE, ArcIMS, GRASS, ERDAS IMAGINE, Surfer, AutoCAD

Teaching & Productivity: Blackboard, Moodle, Microsoft Office, Adobe Photoshop/Illustrator/Premiere

LANGUAGES

Fluent in English, Mandarin Chinese, and Cantonese.

INTERESTS

Skills-based volunteering for socially vulnerable populations (e.g., road safety for older adults, hunger relief); hiking in national parks and ecotourism.

REFERENCES

Ramesh Sharda (Dissertation Advisor)

Regents Professor & Watson/ConocoPhillips Chair, Vice Dean for Research
Department of Management Science and Information Systems, Oklahoma State University
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Rick L. Wilson (Department Head)

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Chenzhang Bao (Dissertation Committee Member & Coauthor)

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