YUSHIM KIM

Professor • School of Public Affairs • Arizona State University
411 N. Central Avenue, Suite 445, Phoenix, AZ 85004
https://ykimasu.github.io/portfolio/
ykim@asu.edu

ACADEMIC APPOINTMENTS

Professor, School of Public Affairs, Arizona State University, 2026-Present
Associate Professor, School of Public Affairs, Arizona State University, 2013-2026
Assistant Professor, School of Public Affairs, Arizona State University, 2007-2013
Postdoctoral Researcher, John Glenn School of Public Affairs, Ohio State University, 2007

Administrative Leadership
Associate Director, Center on Technology, Data, and Society, Arizona State University, 2019-2023
Director, Undergraduate Programs, School of Public Affairs, Arizona State University, 2018-2020
Director, MPA/MPP Programs, School of Public Affairs, Arizona State University, 2012-2013

Affiliations and Honors
Core Faculty, Center for Social Dynamics and Complexity, Arizona State University, 2017-Present
Graduate Faculty, Complex Adaptive Systems Science, Arizona State University, 2013-Present
Senior Global Futures Scholar, Global Futures Laboratory, Arizona State University, 2010-Present
Core Faculty, Center on Technology, Data, and Society, Arizona State University, 2019-2022
Faculty Honors Advisor, Barrett Honors College, Arizona State University, 2019-2022
Honors Faculty, Barrett Honors College, Arizona State University, 2016-2017
Founding Faculty, Center for Policy Informatics, Arizona State University, 2008-2013
Affiliated Faculty, Decision Theater, Arizona State University, 2007-2010

Visiting Appointments
Visiting Professor, Department of Political Science, Otto-Friedrich-Universität, Bamberg, Germany, 2015-2016
Visiting Professor, Graduate School of Public Administration, Seoul National University, Seoul, Korea, Fall 2015
Visiting Lecturer, Department of Public Administration, Erasmus University, Rotterdam, Netherlands, Spring 2014

EDUCATION

PhD	Public Policy & Management, John Glenn School of Public Affairs, Ohio State University, 2006
MPA	Graduate School of Public Administration, Seoul National University, South Korea, 1997
BPA	Department of Public Administration, Daejon University, South Korea, 1994

AWARDS AND HONORS

Distinguished Research Faculty Award, School of Public Affairs, Arizona State University, 2024-2025
Public Service Educator of the Year, Watts College, Arizona State University, 2023-2024
William Petak Award, Emergency and Crisis Management, American Society for Public Administration, 2020
Distinguished Service Faculty Award, School of Public Affairs, Arizona State University, 2018-2019
Distinguished Diversity and Inclusion Faculty Award, School of Public Affairs, Arizona State University, 2017-2018
Team Leadership Academy IV, Metropolitan Informatics, Arizona State University, 2018
Distinguished Service Faculty Award, School of Public Affairs, Arizona State University, 2012-2013
Health Policy Researcher of the Year, Health Policy Institute of Ohio, 2008-2009
Anne Larason Schneider Faculty Endowment for Community Research Awards, Arizona State University, 2007
Robert W. Backoff Research Award, John Glenn School of Public Affairs, Ohio State University, 2007

EDITOR EXPERIENCE

Co-editor (Environmental Policy), *Journal of Policy Analysis and Management*, 2018-2022
Co-guest Editor, *Government Information Quarterly,* Internet Plus Government (with M. Liu), 2017
Co-guest Editor, *Information Polity,* Internet, Citizens, and Public Policy (with M. Liu), 2017
Co-guest Editor, *Government Information Quarterly*, Digital Government and Wicked Problems (with J. Zhang), 2016
Co-guest Editor, *Information Polity*, Digital Government and Wicked Problems (with J. Zhang), 2016
Co-guest Editor, *Journal of Policy Analysis and Management*, Policy Informatics (with A. Desai), 2015
Co-guest Editor, *The Innovation Journal*, Policy Informatics (with E. Johnston), 2011

GRANTS

2025 GenAI-Assisted Policy Solution Generation and Evaluation (PI), Arizona State University's Learning Engineering Institute ($8,000), October 1, 2025-June 30, 2026
Gaining Community Improvement without Green Gentrification and Displacement: Theory-Based Recommendations and Practitioner and Activist Approaches (Co-PI), Claremont Graduate University ($5,174), Aug 1, 2025 -December 31, 2026

2024 Generative AI for Data Analytics Education for Public Service Students, AI Innovation Challenge (30 ChatGPT Edu licenses awarded, PI), Arizona State University, Fall, 2024 – Spring, 2025
Generative AI for Sustainable Environmental Planning (PI), Hanyang University ($121,726), July 15, 2024-February 28, 2025

2021 Digital Entrepreneurship in Communities of Color (Co-PI), The Ewing Marion Kauffman Foundation ($20,000), January 15, 2021 – September 30, 2021

2020 50 States of COVID-19 Reality: Information, Misinformation and the Efficacy of State Interventions (PI), The Institute for Social Science Research Seed Grant, Arizona State University ($7,500), December 1, 2020 – January 30, 2021

2018 Urban Green Spaces Development and Environmental Justice (PI), Arizona State University College of Public Service & Community Solutions, Category 5: Planning, Implementation, and/or Mobilization Grant ($30,000), May 1, 2018 – April 30, 2020

2012 ASU College of Public Programs, Dean's summer support program ($21,667)

2011 ASU College of Public Programs, Dean's summer support program ($21,667)

2010 Crisis, Emergency, Response, and Preparedness (PI), Arizona State University College of Public Programs Research Seed Grant ($10,850), October 2010-July 2011

2010 Sustainability Game (Co-PI), Decision Center for a Desert City, Arizona State University ($40,000), January 2010

2009 Building Evidence for Legal Decision-making in Real-time: Legal Triage during Declared Emergencies (Co-PI), Robert Wood Johnson Foundation ($150,000), December 2009-May 2011

2009 Risk Communication Analysis and Modeling (Co-PI), Arizona Department of Health Services ($120,000), September 2009-March 2010
ASU College of Public Programs, Dean's summer support program ($21,667)

2008 ASU College of Public Programs, Dean's summer support program ($21,667)

INTERNATIONAL RESEARCH COLLABORATIONS

2022 Big Data Analytics and Social Simulation for Public Safety in Connected Society (Stage II), Hanyang University Center for Computational Social Science funded by the Korea National Research Foundation, March 2022 – February 2025 (approx. $150,000)

2018 Big Data Analytics and Social Simulation for Public Safety in Connected Society (Stage I), Hanyang University Center for Computational Social Science funded by the Korea National Research Foundation, August 2018 – February 2022 (approx. $8,600 in 2018; $21,500 in 2019; $25,000 in 2020; $25,000 in 2021)

2016 Middle East Respiratory Coronavirus Syndrome Outbreak Response Networks in Korea, The Socio-Informatics Center, Hanyang University, Korea, June-December (approx. $9,000)
2016 A Study of the Citizen-centered Governance System: Comparison and Design (Stage III), Korea University funded by the Korea Research Foundation (approx. $14,500), September 2016-August 2020
2013 A Study of the Citizen-centered Governance System: Comparison and Design (Stage II), Korea University funded by the Korea Research Foundation (approx. $12,000), September 2013-August 2016
2011 Developing Collaborative Governance Processes during the Unification of South and North Korea, the Ministry of Unification, Korea (approx. $9,000), December 2011- September 2012
2010 A Study of the Citizen-centered Governance System: Comparison and Design (Stage I), Korea University funded by the Korea Research Foundation (approx. $12,000), September 2010-August 2013

PUBLICATIONS

2 co-authored books and 1 edited book
42 articles: 19 lead-authored, 11 doctoral student-led, and 12 co-authored
6 peer-reviewed conference proceedings
4 book chapters
5 book reviews
7 special issues as co-guest-editor
1248 citations and 21 h-index in Google scholar

||| Books |||

1. **Kim, Y**. Ed. (2026). *Computational Approaches to Policy Challenges*: *Novel Methods and Applications*, World Scientific Series on Public Policy and Technological Innovation
2. Campbell, H., Eckerd, A., & **Kim, Y.** (2024). *Green Gentrification and Environmental Justice: A Complexity Approach to Policy*. Springer
   - Shanti Gamper-Rabindran (2025). *Journal of Policy Analysis and Management*, *44*(3), 1113-1117
3. Campbell, H., **Kim, Y.**, & Eckerd, A. (2015). *Rethinking Environmental Justice in Sustainable Cities: Insights from Agent-Based Modeling*. New York, NY: Routledge
   - S. Verweij (2016). *Review of Policy Research*, 33(2), 226-228
   - I. Hwang (2016). *Journal of Artificial Societies and Social Simulation*, 19(2)

||| Articles* |||

Working Papers

1. **Kim, Y.**, Cho, H.C., Kim, J., Howell, A., Corley, E.A., & Larson, K. Desert blind: Correcting "green bias" in MLLM-based urban park quality assessment.
2. **Kim, Y.,** Won, Y., Kim, J., Stuhlmacher, M., Corley, E., & Chun, Y. Realizing urban park benefits: The decoupled link between access and use, *npj Urban Sustainability* (under review)
3. Cho, H.C., Kim, H., **Kim, Y**., Howell, A., Corley, E., & Cha, J. Can large language models match policy experts? Workflow design and framing in assessing climate equity. *Government Information Quarterly*
4. Cho, H.C., **Kim, Y**., Han, K.S., & Cha, J. Large language models vs. human coders: Evaluating equity in U.S. climate action plans. *International Journal of Qualitative Research*
5. Kim, J., Cho, H.C., & **Kim, Y**. Policy design logic of nature-based solutions in local government plans
6. Kim, J. **Kim, Y.**, Corley, E., & Cho, H.C. From text to context using language AI: Urban sustainability policy design in local government plans

---

Underlined name in this section indicates student collaborator

7. **Kim, Y**., & Eckerd, A. From retrospective to prospective: Computational approach to enhanced decision-making. *New Directions for Evaluation*. Submitted.

Peer Reviewed Articles

1. Howell, A. Wu, N., Shamistha, B-S. **Kim, Y.**, & Sun, Q.C. (2026). MLLMs, Multimodal large language models, street view images and urban policy-intelligence: recovering the sustainability effects of redlining. *npj Urban Sustainability.* https://doi.org/10.1038/s42949-026-00380-7
2. **Kim, Y.**, Kim, J., Kim, TW., & Cho, H.C. (2026) Administrative decision-making with generative AI: The challenge of epistemic boundedness. *Administration & Society*. 58(2), 284-304 https://doi.org/10.1177/23998083251366735
3. **Kim, Y.,** Kim, J., Won, Y., Nelson, J., & Stuhlmacher, M. (2025). Connecting park access and use data for equitable environmental planning. *Environment and Planning B.* https://doi.org/10.1177/23998083251366735
4. Won, Y., Kim, J., **Kim, Y**., & Corley, E. (2025). Urban neighborhoods with greater access but less use of nearby parks: Case of Los Angeles, California. *Environment and Behavior*. https://doi.org/10.1177/00139165251371416
5. Kim, J., Won, Y., **Kim, Y**., & Corley, E. (2025). Preferring local over non-local green spaces? Green space visit patterns by urban residents in desert cities, Arizona. *Landscape & Urban Planning*. https://doi.org/10.1016/j.landurbplan.2024.105292
6. Stuhlmacher, M., & **Kim, Y.** (2024). The unequal connectivity of parks and tree canopy in 10 US cities. *Urban Forestry & Urban Greening*, *96,* 128332. https://doi.org/10.1016/j.ufug.2024.128332
7. Kim, J., **Kim, Y.,** & Stuhlmacher, M. (2024). The greenspace dilemma: Pathways to greening with and without gentrification. *Journal of Urban Affairs*. https://doi.org/10.1080/07352166.2024.2326489
8. Nelson, J., Won, Y., J. Kim, Stuhlmacher, M., & **Kim, Y.** (2024). Is the grass greener or the water bluer? Exploring drivers of local park visitation patterns in Phoenix, Arizona. *Urban Forestry & Urban Greening, 95,* 128325. https://doi.org/10.1016/j.ufug.2024.128325
9. Wang, C., **Kim, Y**., & Mossberger, K. (2024). Governor political affiliation and stringent COVID-19 policy. *Public Administration Review*, *84*(1), 40-55. https://doi.org/10.1111/puar.13649
10. **Kim, Y**., Corley, E.A., Won, Y., & Kim, J. (2023). Green space access and visitation disparities in the Phoenix metropolitan area. *Landscape & Urban Planning*, 237, 104805. https://doi.org/10.1016/j.landurbplan.2023.104805
11. Stuhlmacher, M., **Kim, Y**., & Kim, J. (2022). The role of green space in Chicago's gentrification. *Urban Forestry & Urban Greening*, *71*, 127569. https://doi.org/10.1016/j.ufug.2022.127569
12. Stuhlmacher, M., Georgescu, M., Turner II, B.L., Hu, Y., Goldblatt, R., Gupta, S., Frazier, A., **Kim, Y**., Balling, R.C., & Clinton, N. (2022). Are global cities homogenizing? An assessment of urban form and heat island implications. *Cities*, *126*, 103705. https://doi.org/10.1016/j.cities.2022.103705
13. **Kim, Y.,** Lee, K.B., Oh, S.S., & Park, H.J. (2021). Effectiveness of emergent ad-hoc coordination groups in public health emergencies. *Risk Analysis, 42*(1), 5-20. https://doi.org/10.1111/risa.13751
14. Stuhlmacher, M., Turner II, B.L., Frazier, A., **Kim, Y**., & Leffel, J. (2021). Institutional shifts and landscape change: The impact of the Período Especial on Cuba's land system architecture. *Journal of Land Use Science*, *15*(5), 690-706. https://doi.org/10.1080/1747423X.2020.1829119
15. Campbell, H., Eckerd, A., & **Kim, Y.** (2021). Administration of community participation in small scale projects: Brownfield remediation in Los Angeles. *Administration & Society, 53*(3), 378-409. https://doi.org/10.1177/0095399720944064
16. Ahn, J.J., **Kim, Y.**, Lucio, J., Corley, E., & Bentley, M. (2020). Green spaces and heterogeneous social groups in the U.S. *Urban Forestry & Urban Greening*, *49*, 126637. https://doi.org/10.1016/j.ufug.2020.126637
17. **Kim, Y.**, Oh, S.S., & Wang, C. (2020). From uncoordinated patchworks to a coordinated system: MERS-CoV to COVID-19 in Korea. *American Review of Public Administration*, *50*(6-7), 736-742. https://doi.org/10.1177/0275074020942414
18. **Kim, Y.**, Oh, S.S., Ku, M., & Byeon, J.H., (2020). Interorganizational coordination and collaboration during the 2015 MERS-CoV response in Korea. *Disaster Medicine and Public Health Preparedness, 15*(4), 409-415. https://doi.org/10.1017/dmp.2020.32.
19. **Kim, Y.**, Kim, J.H., Oh, S.S., Kim, S-W, Ku, M., & Cha, J. (2019). Community analysis of a crisis response network. *Social Science Computer Review, 33*(3), 371-390. https://doi.org/10.1177/08944393198586
20. **Kim, Y.**, Ku, M., & Oh, S.S. (2019). Public health emergency response coordination: Putting the plan into practice. *Journal of Risk Research, 23*(7-8), 928-944. https://doi.org/10.1080/13669877.2019.1628092

21. **Kim, Y.**, & Chun, Y. (2019). Revisiting environmental inequity in Southern California: Does environmental risk increase in ethnically homogeneous or mixed Communities? *Urban Studies, 56*(9), 1748-1767. https://doi.org/10.1177/004209801880322
    - Invited as a blog article in the ***London School of Economics US Politics and Policy*** on May 3, 2019: http://bit.ly/2VBT8xP
22. **Kim, Y.**, & Maroulis, S. (2018). Rethinking social welfare fraud from a complex adaptive systems perspective. *Administration & Society*, *50*(1), 78-100. https://doi.org/10.1177/0095399715587
23. Eckerd, A., **Kim, Y.**, & Campbell, H. (2018). Gentrification and displacement: Modeling a complex urban process. *Housing Policy Debate, 29*(2), 273-295. https://doi.org/10.1080/10511482.2018.1512512
24. Corley, E.A., Ahn, J.J., **Kim, Y.**, Lucio, J., Rugland, E., & Molina, A. (2018). Conceptualizing lenses, dimensions, constructs and indicators for urban park quality. *Environmental Justice*, *11*(6). https://doi.org/10.1089/env.2018.0017
25. Eckerd, A., **Kim, Y**., & Campbell, H. (2017). Community privilege and environmental justice: An agent-based analysis. *Review of Policy Research*, *34*(2), 144-167. https://doi.org/10.1111/ropr.12214
26. **Kim, Y.**, & Verweij, S. (2016). Two effective causal paths that explain the adoption of US state environmental justice policies. *Policy Sciences*, *49*(4), 505-523. https://doi.org/10.1007/s11077-016-9249-x
27. **Kim, Y.**, Zhong, W., Jehn, M., & Walsh, L. (2015). Public risk perceptions and preventive behaviors during the 2009 H1N1 influenza pandemic. *Disaster Medicine and Public Health Preparedness, 9*(2), 145-154. https://doi.org/10.1017/dmp.2014.87
28. **Kim, Y.**, Campbell, H., & Eckerd, A. (2014). Residential choice constraints and environmental justice. *Social Science Quarterly, 95*(1), 40-56. https://doi.org/10.1111/ssqu.12033
29. Campbell, H., **Kim, Y.**, & Eckerd, A. (2014). Local zoning and environmental justice: An agent-based analysis. *Urban Affairs Review, 50*(4), 521-552. https://doi.org/10.1177/10780874135057
30. Zhong, W., **Kim, Y**., & Jehn, M. (2013). Modeling dynamics of an influenza pandemic with heterogeneous coping behaviors: Case study of a 2009 H1N1 outbreak in Arizona. *Computational and Mathematical Organizational Theory, 19*(4), 622-645. https://doi.org/10.1007/s10588-012-9146-6
31. **Kim, Y**., Zhong, W., & Chun, Y. (2013). Modeling sanction choices on fraudulent benefit exchanges in public service delivery. *Journal of Artificial Societies and Social Simulation, 16*(2)8, http://jasss.soc.surrey.ac.uk/16/2/8.html.
32. Peck, L., **Kim, Y.**, & Lucio, J. (2012). An empirical examination of validity in evaluation. *American Journal of Evaluation, 33*(3), 350-365. https://doi.org/10.1177/109821401243992
33. Chun, Y., **Kim, Y**., & Campbell, H. (2012). Using Bayesian methods to control for spatial autocorrelation in environmental justice research: An illustration using Toxics Release Inventory data for a Sunbelt county. *Journal of Urban Affairs, 34*(4), 419-439. https://doi.org/10.1111/j.1467-9906.2011.00594.x
34. Eckerd, A., Campbell, H., & **Kim, Y.** (2012). Helping those like us or harming those unlike us: Illuminating social processes leading to environmental injustice. *Environment and Planning B, 39*(5), 945-964. https://doi.org/10.1068/b38001
35. **Kim, Y.**, Hahn, D., & Coursey, D. (2012). Decisions in research review boards: The roles of individual characteristics and communication media. *Public Integrity, 14*(2), 173-192. https://doi.org/10.2753/PIN1099-9922140204
36. **Kim, Y**., Johnston, E., & Kang, H.S. (2011). A computational approach to managing performance dynamics of networked governance systems. *Public Performance & Management Review, 34*(4), 580-597. https://doi.org/10.2753/PMR1530-9576340407
37. Jehn, M., **Kim, Y**., Bradley, B., & Lant, T. (2011). Community knowledge, risk perception and preparedness for the 2009 influenza A (H1N1) pandemic. *Journal of Public Health Management and Practice, 17*(5), 431-438. DOI: 10.1097/PHH.0b013e3182113921
38. **Kim, Y**., Kim, S., & Kim, H. (2010). Transfer from a home and community-based long-term care program to a nursing home: The Ohio experience. *International Journal of Public Policy, 5*(2/3), 160-174. https://doi.org/10.1504/IJPP.2010.030601
39. Desai, A., Greenbaum, R., & **Kim, Y.** (2009). Incorporating policy criteria in spatial analysis. *American Review of Public Administration, 39*(1), 23-42. https://doi.org/10.1177/0275074007311387
    - Awarded ***the Health Policy Researcher of the Year*** by the Health Policy Institute of Ohio
40. **Kim, Y.**, & Xiao, N. (2008). FraudSim: Simulating fraud in a public delivery program. In L. Liu & J. Eck (Eds.), *Artificial Crime Analysis Systems: Using Computer Simulations and Geographic Information Systems* (pp. 319-338). Hershey, PA: IGI Global.

41. Johnston, E., **Kim, Y**., & Ayyangar, M. (2007). Intending the unintended: The act of building agent-based models as a regular source of knowledge generation. *Interdisciplinary Description of Complex Systems, 5*(2), 81-91.
42. **Kim, Y.** (2007). Using spatial analysis for monitoring fraud in a public delivery program. *Social Science Computer Review, 25*(3), 287-301. https://doi.org/10.1177/0894439307299650

Peer Reviewed Conference Proceedings

1. Han, S., Ko, Y., **Kim, Y**., Oh, S.S., Park, H., & Kim, S-W. (2022). D-FEND: A Diffusion-Based Fake News Detection Framework for news articles related to COVID-19. *The 37th ACM/SIGAPP Symposium on Applied Computing* (SAC 2022). April 25-29 (Virtual) https://doi.org/10.1145/3477314.3507134
2. Wang, C., **Kim, Y.**, & Oh, S.S. (2020). Epidemic response coordination networks in "living documents." *Proceeding of 53th Hawaii International Conference on System Sciences (HICSS)*. (pp. 594-603). http://hdl.handle.net/10125/63812
3. **Kim, Y.**, Kim, J.H., Oh, S.S., Kim, S-W, & Ku, M. (2019). Subgroup analysis of an epidemic response network of organizations: 2015 MERS outbreak in Korea. *Proceeding of 20th Annual International Conference on Digital Government Research* (pp. 177-185). New York, NY: ACM. DOI: https://doi.org/10.1145/3325112.3325260
4. **Kim, Y**., & McGraw, C. (2012). Use of agent-based modeling for e-Governance research. *Proceeding of the 6th International Conference on Theory and Practice of Electronic Governance*. DOI: 10.1145/2463728.2463850
5. Eckerd, A., **Kim, Y**., & Campbell, H. (2011). Using ABM to illuminate social processes leading to environmental injustice. *Proceeding of Computational Social Science Society of America*. https://computationalsocialscience.org/wp-content/uploads/2011/10/Eckhard_EKC-CSSS.pdf
6. Zhong, W., & **Kim, Y.** (2010). Using model replication to improve the reliability of agent-based models. In S.K. Chai, J.J. Salerno, & P.L. Mabry (Eds.), *Advances in Social Computing* (pp. 118-127). New York: Springer.

||| Non-Refereed Articles |||

Book Chapters

1. **Kim, Y.** (2012). Simulating a fraud mechanism in public service delivery. In A. Desai (Ed.), *Simulations for Policy Inquiry* (pp. 121-138). New York: Springer.
2. Zhong, W., Lant, T., Jehn, M., & **Kim, Y.** (2012). Pandemic influenza simulation with public avoidance behavior. In A. Desai (Ed.), *Simulation for Policy Inquiry* (pp. 181-201). New York: Springer.
3. Catlaw, T., & **Kim, Y.** (2012). Ontologies of multiplicity and simulation: Possibilities for public affairs inquiry. In L. Gerrits, P. Marks, & F. Boons (Eds.). *COMPACT I: Public Administration in Complexity* (pp. 25-43). Litchfield Park, AZ: Emergent Publications.
4. Johnston, E., Quigley, P., & **Kim, Y.** (2010). Crossing the border: Exploring the barriers for including complexity methods in evidence-based policy debates. In K. Martinas, D. Matika & A. Srbljinovic (Eds.). *Complex Societal Dynamics: Security Challenges and Opportunities* (pp. 13-22). Amsterdam: IOS Press.

Book Reviews

1. **Kim, Y.** (2025). *These Strange new Minds: How AI Learned to Talk and What It Means* by Christopher Summerfield. The National Information Society Agency, Korea. IT & Future Strategy Report (Korean).
2. **Kim, Y.** (2024). *The Coming Wave: Technology, Power and the 21st Century's Greatest Dilemma* by Mustafa Suleyman. The National Information Society Agency, Korea. IT & Future Strategy Report (Korean).
3. **Kim, Y.,** & Kim, J. (2023). *Harnessing Complexity for Better Outcomes in Public and Non-profit Services* by Max French, Hannah Hesselgreaves, Rob Wilson, Melissa Hawkins, & Toby Lowe. *Journal of Policy Analysis and Management* (English).
4. **Kim, Y.** (2022). *Power and Prediction* by Ajay Agrawal, Joshua Gans, & Avi Goldfarb. The National Information Society Agency, Korea. IT & Future Strategy Report (Korean).
5. **Kim, Y.** (2020). *Digital Minimalism* by Cal Newport. The National Information Society Agency, Korea. IT & Future Strategy Report. No. 8, 88-95 (Korean).

Special Issue Editorial

1. Liu, M., & **Kim, Y.** (2018). Internet plus government: New opportunities to solve public problems? *Government Information Quarterly, 35*(1), 88-97. https://doi.org/10.1016/j.giq.2018.01.004
2. **Kim, Y.**, & Liu, M. (2017). The internet, citizens, and public policy. *Information Polity, 22*(2-3), 69-72. https://doi.org/10.3233/IP-170418
3. **Kim, Y.**, & Zhang, J. (2016). Digital government and wicked problems. *Government Information Quarterly*, *33*(4), 769-776. https://doi.org/10.1016/j.giq.2016.10.004
4. Zhang, J., & **Kim, Y.** (2016). Digital government and wicked problems: Solution or problem? *Information Polity, 21(3), 215-221.* DOI 10.3233/IP-160395
5. Desai, A., & **Kim, Y.** (2015). Policy Informatics. *Journal of Policy Analysis and Management, 35*(2), 354-357. https://www.jstor.org/stable/43866374
6. Johnston, E., & **Kim, Y.** (2011). Introduction to the special issue on policy informatics. *The Innovation Journal*, *16*(1), article 1. http://www.innovation.cc/volumes-issues/vol16-no1.htm

Non-Peer Reviewed Articles and Reports

1. Mossberger, K., McCullough, M., Molina, A., & **Kim, Y.** (2021). *Digital entrepreneurship in communities of color*. Policy brief sponsored by the Ewing Marion Kauffman Foundation: Kansas City.
2. **Kim, Y.** (2021). Computational modeling approach to understanding entrepreneurial ecosystems, in *Big Data Directions in Entrepreneurship Research; Researcher Viewpoints* (pp. 15-19), The Ewing Marion Kauffman Foundation: Kansas City.
3. **Kim, Y**. (2017). Data-driven policy making, The National Information Society Agency, Korea (Korean).
4. Johnston, E., & **Kim, Y.** (2009). Mobilization via frustration: A Minnowbrook (III) tradition? *Administrative Theory & Praxis, 31*(1), 116-118.

RESEARCH ACTIVITIES[†]

Refereed Conference Presentations

1. How Workflow Design and Political Framing Shape LLM Assessments of Equity in Climate Action Plans (H.C. Cho), APPAM, Boston, MA, November 5-7, 2026
2. Responses to the Fear of Green Gentrification: Theoretical Recommendations vs. Practitioner Approaches in Phoenix and Durham (with H. Campbell & A. Eckerd), APPAM, Seattle, WA, November 13-15, 2025
3. Resilient Cities for Beyond Humans: Multispecies Justice Goals of Nature-Based Solutions in Urban Cities (with J. Kim & E. Corley), UAA, Vancouver, Canada, April 16-19, 2025
4. Green Gentrification and Environmental Injustice: A Complexity Approach to Policy (with H. Campbell & A. Eckerd), UAA, Vancouver, Canada, April 16-19, 2025
5. Green Gentrification and Environmental Injustice: A Complexity Approach (with H. Campbell & A. Eckerd), APPAM, National Harbor, Maryland, November 20-23, 2024
6. Use follows access? Local green space use behaviors in desert cities, Arizona (with J. Kim, Y. Won, & E. Corley). UAA, New York, NY, April 23-26, 2024
7. Urban greening options and equity outcome: A QCA study of 26 Chicago neighborhoods (with J. Kim), APPAM, Atlanta, GA, November 9-11, 2023
8. Environmental policy and green gentrification (with A. Eckerd and H. Campbell), UAA, Nashville, TN, April 26-29, 2023
9. The green space dilemma: Pathways to greening with and without gentrification (with J. Kim and M. Stuhlmacher). APPAM, Washington, D.C., November 17-19, 2022 ***Friday Night Poster Session Award 3rd Place***

AESS: Association for Environmental Studies and Sciences; **APPAM**: Association for Public Policy Analysis and Management; **APSA**: American Political Science Association; **ASPA**: American Society for Public Administration**; dg.o**: Digital Government Society; **EJPI**: Environmental Justice and Policy Initiative at Arizona State University; **MPSA**: Midwest Political Science Association; **NASPAA**: Networks of Schools of Public Policy, Affairs, and Administration; **PMRA**: Public Management Research Association; **UAA**: Urban Affairs Association

10. D-FEND: A Diffusion-Based Fake News Detection Framework for news articles related to COVID-19 (with S. Han, Y. Ko, S.S. Oh, H.J. Park, & S-W. Kim). The 37th ACM/SIGAPP Symposium on Applied Computing (SAC 2022) (Virtual), April 25-29, 2022
11. Who benefits from greenspaces? A use-based assessment on access to parks (with Y. Won). APPAM, Austin, TX, March 27 – 29; UAA, Washington, DC., April 12-14, 2022
12. Gentrification and urban green space in Chicago (with M. Stuhlmacher). American Geophysical Union Fall Meeting (Virtual), December 15; Geo for Good (Virtual), October 20, 2021
13. Effect of an emergent group on network efficiency in a public health emergency response: Case of 2015 MERS-CoV in Korea (with K.B. Lee, S.S. Oh and H.J. Park). The 29th Annual Conference of the Society of Risk Analysis-Europe (virtual), June 13-16, 2021
14. Political ideology and COVID-19 policy stringency: Exploring causal heterogeneity (with C. Wang). MPSA (virtual), April 14-April 18; APSA (virtual), September 30-October 3, 2021
15. From cases, to configurations, to improving environmental justice policies (with H. Campbell and A. Eckerd), APPAM Virtual Conference. November 11, 2020
16. Planned but not planned effectively: Public health emergency response in Korea (with C. Wang and S.S. Oh), ASPA, Anaheim, CA, April 3-7, 2020 (the conference was cancelled due to COVID-19) ***William Petak Award***
17. Epidemic response coordination networks in "living documents" (with C. Wang and S.S. Oh). 53th Hawaii International Conference on System Sciences, Maui, Hawaii, January 7-10, 2020
18. The role of nongovernmental organizations in a public health emergency (with J. Byeon and S.S. Oh), The Korean Association for Public Administration conference, Busan, Korea, June 28, 2019
19. Civic innovation to local government: Implementation drivers ad challenges (with C. Wang), Public Administration and Innovation Conference, Shanghai, China, June 22-23, 2019
20. Subgroup analysis of an epidemic response network of organizations: 2015 MERS outbreak in Korea (with J.H. Kim, S.S. Oh, S-W Kim and M. Ku), dg.0 Conference, Dubai, UAE, June 18-20, 2019
21. Epidemic response network of organizations: Detecting communities in a forest with mushrooms and spider webs (with J.H. Kim, S.S. Oh and S-W Kim), PMRC, Chapel Hill, NC, June 13, 2019
22. Urban park quality and environmental justice: A literature review (with EJPI group), UAA Conference, LA, CA, April 24-27, 2019
23. Suburbanization and perceived environmental quality: A case of Phoenix, Arizona (with EJPI research group), UAA Conference, LA, CA, April 24-27, 2019
24. Cleaning up brownfields, improving environmental justice: Assessing the effects of community involvement (with H. Campbell and A. Eckerd), UAA Conference, LA, CA, April 24-27, 2019
25. Emergency response coordination plan enactment: Actors and relations enacted, not enacted, or emergent (with S.S. Oh and M. Ku), APPAM, Washington, D.C., November 8-10, 2018
26. Conceptualizing dimensions of park quality (with E. Rugland, E. Corley and J. Lucio). UAA, Toronto, Canada, April 7, 2018
27. Exploring the potential consequences of drone use regulations from a social justice perspective (with J. Nelson), UAA, Toronto, Canada, April 7, 2018
28. Using agent-based modeling to explore cognitive processes leading to the political polarization of the public's attitude on climate change (with Y. Won), MPSA, Chicago, IL, April 5-8, 2018
29. Plan enactment in emergency response operations (with M. Ku and S.S. Oh), ASPA, Denver, CO, March 9-13, 2018
30. Economic development and gentrification in communities with high levels of environmental injustice (with H. Campbell and A. Eckerd), APPAM, Chicago, IL, November 2-4, 2017
31. Cleaning up brownfields, improving environmental justice: Assessing community involvement (with H. Campbell and A. Eckerd), AESS Conference, Tucson, AZ, June 21-24, 2017
32. Park development and civic engagement: A case study of two urban parks in Arizona (with J. Lucio, E. Corley and E. Rugland), AESS Conference, Tucson, AZ, June 21-24, 2017
33. New evidence on ethnicity-based environmental inequity in Southern California (with Y. Chun and H. Campbell), UAA Conference, Minneapolis, MN, April 19-22, 2017
34. Understanding economic development and gentrification in communities with high levels of environmental injustice (with A. Eckerd and H. Campbell), UAA Conference, Minneapolis, MN, April 19-22, 2017
35. The development and distribution of urban green spaces: A case study of Phoenix, Arizona (with J. Lucio and E. Corley), UAA Conference, Minneapolis, MN, April 19-22, 2017

36. Cleaning up brownfields, improving environmental justice: Assessing community involvement (with H. Campbell and A. Eckerd), UAA Conference, San Diego, CA, March 18-20, 2016
37. Community potential for collective action and environmental justice: An agent-based analysis (with A. Eckerd and H. Campbell), APSA Annual Meeting, San Francisco, CA, September 3-6, 2015
38. Causal recipes for states' environmental justice policy (with S. Verweij), International Conference on Public Policy, Milan, Italy, July 1-4, 2015
39. Trying to solve the environmental justice problem: Insight from agent-based modeling (with H. Campbell and A. Eckerd), AESS Conference, San Diego, CA, June 24-27, 2015
40. Residential mobility and environmental justice: Insights from agent-based analysis (with A. Eckerd and H. Campbell), The 36th APPAM Annual Research Conference, Albuquerque, NM, November 6-8, 2014
41. Social capital and environmental justice: An agent-based model (with A. Eckerd and H. Campbell), The 35th APPAM Annual Research Conference, Washington, DC, November 7-9, 2013 ***Featured in the online research collection of the 2013 APPAM Fall research conference***
42. Race vs. class in environmental justice: Using agent-based modeling (with H. Campbell and A. Eckerd), The 34rd APPAM Annual Research Conference, Baltimore, MD, November 8-10, 2012
43. Detecting fraud: Using modeling and simulation approaches in practice and research (with C. McGraw), The 6th International Conference on Theory and Practice of Electronic Governance Conference, Albany, NY, October 22-25, 2012
44. Inducing proper public actions through risk communication during an emergency (with W. Zhong), The 33rd APPAM Annual Research Conference, Washington, DC, November 3-5, 2011
45. Zoning systems, externalities, and environmental justice (with H. Campbell and A. Eckerd), The 33rd APPAM Annual Research Conference, Washington, DC, November 3-5, 2011
46. Using ABM to illuminate social processes leading to environmental injustice (with A. Eckerd and H. Campbell), The 2011 Computational Social Science Society of America Annual Conference, Santa Fe, NM, October 9-12, 2011
47. Philosophies of multiplicity and complexity sciences (with T. Catlaw), Challenges of Making Public Administration and Complexity Theory Work, Rotterdam, The Netherlands, June 23-25, 2011
48. Searching for sweet spots of communication during an emergency situation: Pandemic influenza outbreaks and public risk communication (with W. Zhong), The 11th Biannual PMRA, Syracuse, NY, June 2-4, 2011
49. An examination of validity in evaluation (with L. Peck and J. Lucio), The American Evaluation Association Conference, San Antonio, TX, November 8-10, 2010
50. Environmental inequities in a Sunbelt city: A Bayesian spatial analysis (with Y. Chun and H. Campbell), The 57th North American Meetings of the Regional Science Association International, Denver, CO, November 10-13, 2010
51. Public perception of risk during the Novel H1N1 pandemic (with W. Zhong, M. Jehn, B. Bradley and T. Lant), The 32nd APPAM Annual Research Conference, Boston, MA, November 4-6, 2010
52. Helping those like us or harming those unlike us: Using agent-based modeling to illuminate social processes leading to environmental injustice (with A. Eckerd and H. Campbell), The 32nd APPAM Annual Research Conference, Boston, MA, November 4-6, 2010
53. Using model replication to improve the reliability of agent-based models (with W. Zhong), International Conference on Social Computing, Behavioral Modeling, and Prediction, Natcher Auditorium, NIH Main Campus, Bethesda, MD, March 29-April 1, 2010
54. Dealing with evidence of 'lack of evidence': Fraud control in public service delivery (with W. Zhong), The 31st APPAM Annual Research Conference, Washington, DC, November 5-7, 2009
55. From data to action: Evaluating simulation data in agent-based models (with Y. Chun), North American Association for Computational Social and Organizational Sciences Annual Conference, Tempe, AZ, October 23-24, 2009
56. Multiple platforms to enhance policy-making using simulation evidence (with W. Zhong), North American Association for Computational Social and Organizational Sciences Annual Conference, Tempe, AZ, October 23-24, 2009
57. An interpretive-emergent-holistic approach for collaborative governance (with E. Johnston and N. Nan), The 10th Biannual PMRA Conference, Columbus, OH, October 1-3, 2009
58. The interplay of certainty, severity, and celerity in punishment on wrongdoing (II): Fraud control in public service delivery (with W. Zhong), The 10th Biannual PMRA Conference, Columbus, OH, October 1-3, 2009
59. The interplay of severity and certainty of punishment on wrongdoing (with W. Zhong), The 30th APPAM Annual Research Conference in Los Angeles, CA, November 6-8, 2008

60. Policy informatics v1.0 (with E. Johnston), Minnowbrook III, Syracuse, NY, September 5-7, 2008
61. The use of policy informatics to understand the METRO transportation megaprojects in Phoenix (with E. Johnston and M. Ayyangar), The 68th ASPA Annual Conference, Dallas, TX, March 7-11, 2008
62. The dynamics of public performance management, The 9th Biannual PMRA Conference, University of Arizona, Tucson, AZ, October 25-27, 2007
63. Dynamic spatial models of fraudulent behavior: Combining Geographical Information Systems and Agent-Based Models (with A. Desai), The 9th Crime Mapping Research Conference, Pittsburgh, PA. March 28-31, 2007
64. Disenrollment from a home and community-based long-term care program to a nursing home: Ohio's experience (with S. Kim and H. Kim), The 67th ASPA Annual Conference, Washington, DC, March 25-27, 2007
65. Detecting fraud in public service delivery programs, The 27th APPAM Annual Research Conference in Washington, DC, November 3-5, 2005
66. Estimating local effects of Medicaid expenditure changes (with A. Desai and R. Greenbaum), The 27th APPAM Annual Research Conference in Washington, DC, November 3-5, 2005
67. Estimating and illustrating the county level effects of reduced Medicaid expenditures (with A. Desai and R. Greenbaum), AcademyHealth's State Health Research and Policy Interest Group Meeting in Boston, MA, June 25, 2005

Invited, Professional, and Colloquium Presentations

1. Panelist, Designing and Evaluating Generative AI for Public Policy Analysis: A Collaborative Teaching Model (with J. Kim), NASPAA annual conference, Seattle, September 30-October 2, 2026
2. Speaker, AI Workshop, Watts College, ASU, Phoenix, AZ, April 3, 2025
3. Green gentrification and environmental justice: A complexity approach. Claremont Graduate University Tuesday Talks (with H. Campbell and A. Eckerd), April 17, 2024
4. ChatGPT and analytics. Claremont Graduate University Tuesday Talks, November 7, 2023
5. ChatGPT use and implications for education (with J. Kim). Center on Technology, Data and Society talk, February 15, 2023
6. AI use and implications for analytics: ChatGPT (with J. Kim). SNU 10-10 Lecture Series, January 19, 2023
7. US State COVID-19 policy mix diversity, SNU-USC BK21Four & 10-10 Project International Conference, January 6, 2022
8. Guest Speaker, Environmental justice and policy in the U.S.: Systems thinking approach, Brain Korea Seminar, Graduate School of Public Administration, Seoul National University, April 14, 2021
9. Guest Speaker, Environmental justice and policy in the U.S.: Systems thinking approach, PAF7317 Social Inquiry & Public Policy, School of Public Administration, University of Central Florida, March 18, 2021
10. Guest Speaker, Supporting government decisions in times of crisis, The Visiting International Professional Program at Michigan State University funded by the Korean Ministry of Personnel Management, December 2, 2020
11. Guest Lecture, 2015 MERS-CoV response in Korea TNDY408C: COVID-19 and Health Systems in the USA and Around the World, Claremont Graduate University, Claremont, CA, November 5, 2020
12. Panel Speaker, MERS-COV and COVID-19 in Korea: Planning and organizing for national public health crises, Rethinking Crisis Management and International Cooperation amidst COVID-19, Center for Interdisciplinary Research on China at Kookmin University, Korea, September 10, 2020 **** Covered by 15 Chinese and 4 Korean news outlets***
13. Panel Speaker, From uncoordinated patchworks to a coordinated system: MERS-CoV to COVID-19 in Korea, COVID-19 and Public Policy and Management Workshop, ASU Center on Technology, Data, and Society, Phoenix, AZ, May 1, 2020
14. Public health emergency management: Insights from a network study, Korea University SSK Colloquium, Seoul, Korea, December 2, 2019
15. The emergence of environmental injustice: Economic rationality, political rationality, and racial targeting, Korea University Colloquium, Seoul, Korea, January 31, 2018
16. A network analysis of public health emergency response, Korea University, Social Science Korea Colloquium, Seoul, Korea, November 28, 2017
17. Operation plan enactment in response to public health emergency (with M. Ku and S.S. Oh), Renmin University of China, Beijing, China, November 26, 2017

18. Data-driven policymaking in U.S., The Korean Association for Public Administration International Conference, Jeonju, Korea, June 22-24, 2017
19. Interorganizational networks planned vs. implemented for disruptive events (with M. Ku and S.S. Oh), Korea University, Social Science Korea Colloquium, Seoul, Korea, June 26, 2017
20. Interorganizational networks planned vs. implemented for disruptive events (with M. Ku and S.S. Oh), Korean Association for Public Administration International Conference, Jeonju, Korea, June 22-24, 2017
21. Environmental injustice as environmental disaster, American University, Washington, D.C., December 9, 2016
22. Education through simulation: Assessing the NASPAA student simulation competition cases, NASPAA Annual Conference, Columbus, OH, October 20-21, 2016
23. It's not just for capstones: Short duration client projects for the MPA classroom, NASPAA Annual Conference, Columbus, OH, October 20-21, 2016
24. Two effective causal paths that explain the adoption of U.S. state environmental justice policies, Claremont Graduate University, Claremont, CA, March 29, 2016
25. Agent-based modeling for public policy and management research, Public Administration Seminar Series on Research Methodology, Erasmus University-Rotterdam, The Netherlands, May 27, 2014
26. Environmental justice using agent-based modeling, Governance of Complex Systems Group, Erasmus University–Rotterdam, Rotterdam, The Netherlands, April 17, 2014
27. A conversation about being a scholar in the complexity sciences (with K. Dooley), Consortium for Biosocial Complex Systems Dynamical Discussion, Arizona State University, Tempe, AZ, October 17, 2013
28. What to consider in launching and evaluating distance/online learning in your program, NASPAA Annual Conference, Washington, DC, October 10-12, 2013
29. Directing programs: The good, the bad and the ugly, NASPAA Annual Conference, Washington, DC, October 10-12, 2013
30. Policy Informatics: An application to environmental justice and policy, Graduate School of Public Administration, Seoul National University, Seoul, Korea, June 26, 2013
31. Complexity science, agent-based modeling, and policy informatics: What are they doing in the space of policy analysis and management? The Center for Social Dynamics and Complexity, Arizona State University, Tempe, AZ, November 15, 2012
32. ICT-enabled governance and policy modeling: Bridging the North-South gap, The 6th International Conference on Theory and Practice of Electronic Governance Conference, Albany, NY, October 22-25, 2012
33. Building agent-based models with MPA/MPP students in classroom, NASPAA Annual Conference, Austin, TX, October 18-20, 2012
34. Using agent-based modeling to disentangle environmental (in)justice (with H. Campbell and A. Eckerd), School of Public Affairs Colloquium, Arizona State University, Phoenix, AZ, February 25, 2011
35. Simulations as narratives (with D. Landsbergen and A. Desai), NASPAA Annual Conference, Las Vegas, NV, September 30-October 2, 2010
36. Crossing the border: Exploring the barriers for including complexity methods in evidence-based policy debates (with Johnston and Quigley), NATO Advance Research Workshop, Zagreb, Croatia, December 9, 2009
37. Public risk communication survey (with M. Jehn and T. Lant), Workshop on improving risk communication during a pandemic: Challenges and opportunities, Phoenix, AZ, November 9, 2009
38. Incorporating policy criteria in spatial analysis, School of Public Affairs colloquium, Arizona State University, Phoenix, AZ, April 18, 2008
39. Simulating statistical and spatial patterns of fraud using an agent-based model, John Glenn School of Public Affairs, Doctoral Colloquium, Columbus, OH, January 5, 2007
40. The role and effect of a value-added measure on the Ohio education accountability system (with Desai), Ohio Department of Education, Columbus, OH, August 28, 2006
41. Incident and knowledge management at Ohio Health, CETI Industry Day showcase, Ohio State University, Columbus, OH, July 28
42. Complex behavior: Emerging spatial patterns between corrupt agents, Department of Computer Science and Engineering, Ohio State University, Columbus, OH, November 14, 2005
43. Identifying high-risk vendors in public service delivery programs, Criminal Justice Research Center, Ohio State University, Columbus, OH, October 28, 2005
44. Estimating local effects of Medicaid expenditure changes (with A. Desai and R. Greenbaum), Statewide Rural Health Conference in Columbus, OH, June 3, 2005
45. Estimating the results of reduced Medicaid expenditures (with A. Desai and R. Greenbaum), Testimony presented to the House sub-committee on Human Services, Ohio Legislature, 2005

46. Identifying high-risk vendors, School of Public Policy & Management, Doctoral Colloquium, Ohio State University, Columbus, OH, April 22, 2005

Training and Workshops

1. Build Your Own Solution, Arizona State University, Learning Engineering Institute, August 14-15, 2025.
2. AI Challenge Convening on Teaching and Learning, Arizona State University, Tempe, AZ, September 13, 2024
3. The Future of Social Science, Institute for Social Research, University of Michigan, Ann Arbor, MI, October 7-8, 2016
4. Agent-Based Modeling in Education, Arizona State University, Tempe, AZ, Feb. 28-Mar. 2, 2013
5. Modeling Emergence in Sociology, University of Arizona, Tucson, AZ, January 3-5, 2013
6. Introduction to R, University of Arizona, Tucson, AZ, January 3-5, 2013
7. Teaching Individual/Agent-based Modeling, Humboldt State University, Arcata, CA, June 13-17, 2011
8. Collaborative and Participatory Research Workshop, University of Texas, Austin, TX, May 10-11, 2010
9. Policy Informatics Workshop, Arizona State University, Tempe, AZ, February 4-6, 2010
10. Second International Workshop on Social Computing, Behavioral Modeling, and Prediction, Phoenix, AZ, March 30 – April 1, 2009
11. Spatial Filtering using the Eigenvector Approach, University of Texas, Dallas, June 16-20, 2008
12. First International Workshop on Social Computing, Behavioral Modeling, and Prediction, Phoenix, AZ, April 1-2, 2008
13. GIS and Spatial Modeling for the Social Science Curriculum, Spatial Perspectives on Analysis for Curriculum Enhancement Workshop, Ohio State University, Columbus, OH, June 18-23, 2007
14. Mapping and Analysis for Public Safety, The 9th Crime Mapping Research Conference, Pittsburg, PA, March 28-31, 2007
15. Crime Hot Spots: Behavioral, Computational and Mathematical Models, The Institute for Pure and Applied Mathematics, University of California, LA, CA, January 29 - February 2, 2007
16. Space, Networks and Social Influence, The National Consortium on Violence Research (NCOVR) Sponsored Workshop, University of California, Irvine, CA, February 9-11, 2006

TEACHING

Courses Taught

Arizona State University (2007 – Current)
PAF340 Contemporary Policy Challenges (Undergraduate, ASU Online)
PAF502 Public Service Research II (Graduate, Face-to-Face)
PAF505 Public Policy Analysis (Graduate, Face-to-Face & ASU Online)
***ASU AI Innovation Challenge Award** (Fall 2024)
PAF509 Public Affairs Capstone (Graduate, Online)
PAF510 Foundation of Program Evaluation: Multiple Regression (Graduate, Online)
PAF516 Community Analytics (Graduate, Online)
***ASU AI Innovation Challenge Award** (Spring 2025)
PAF540 Advance Policy Analysis (Graduate, Face-to-Face & Intensive)
PAF541 Program Evaluation (Graduate, Intensive)
PAF579 Public Policy Capstone (Graduate, Intensive)
PAF591 Complexity in Public Policy & Management (Graduate, Face-to-Face & Intensive)
SOS/SOLS/SHESC/PAF/SGSUP 494/591 Introduction to Fundamentals of Urban Sustainability Science (Online)
PAF601 Advance Policy Seminar (Doctoral, Face-to-Face)

Teaching Abroad
Environmental Justice and Agent-Based Modeling
University of Bamberg, Germany (Undergraduate, Spring 2015)
Seoul National University, Korea (Graduate, Fall 2015)
Korea University, Korea (Undergraduate, Fall 2015)

Doctoral Dissertation Committee

2026 **Jieun Kim**, "Shielded, Defiant, or Constrained Cities: Local Climate Policy in Multilevel Governance," School of Public Affairs, Arizona State University, Chair (*Assistant Professor, Old Dominion University*)
2024 **Youngjae Won**, "Connecting Disadvantaged Communities with Green Spaces: Toward Better Policy Design," School of Public Affairs, Arizona State University, Chair (*Post-doctoral Researcher, North Carolina State University*)
2023 **Chan Wang**, "Navigating Uncertainty: Understanding the Complexity of Rationales in State COVID-19 Policy Change Decisions," School of Public Affairs, Arizona State University, Chair (*Assistant Professor, Jacksonville State University)*
2022 **Jun Ho Song**, "User Modeling in Social Media: Analyses and Methods," Department of Data and Knowledge Engineering, Hanyang University, South Korea, Committee
2020 **Michelle Stuhlmacher**, "Patch to Landscape and Back Again: Land System Architecture Change and Environmental Consequences from the Local to Global Scale," School of Geographical Sciences and Urban Planning, Arizona State University, Committee (*Assistant Professor, DePaul University*)
2019 **Jake Nelson**, "Policy Innovation for an Uncertain Future: Regulating Drone Use in Southern California Cities," School of Public Affairs, Arizona State University, Committee (*Assistant Professor, Auburn University*)
2013 **Jeffrey Callen**, "A Tree with Roots: Public Administration Ethics from Case Studies to Assemblages," School of Public Affairs, Arizona State University, Committee (*Assistant Professor, Idaho State University*)
2013 **Wooseong Jeong**, "The Dynamics on Innovation Adoption in U.S. Municipalities: The Role of Administrative Leadership in Promoting Innovative Practices," School of Public Affairs, Arizona State University, Co-Chair (*Researcher, The Korea Research Institute for Human Settlements*)
2012 **Wei Zhong,** "Communicative Competence: Computational Simulation Approach to Public Emergency Management," School of Public Affairs, Arizona State University, Committee (*Assistant Professor, Renmin University of China*)

Master Thesis Committee

2015 **Patricia Garland**, "Environmental Justice and the Siting of SR-85 and North Gateway Transfer Station," Global Institute of Sustainability, Arizona State University
2013 **Chien-Fen Chiu**, "Customers' Zone of Tolerance toward Hotel Services," School of Community Resources and Development, Arizona State University
2009 **Zachary Cole**, "Quileute Environmental Values: Effect on Attitudes Toward Natural Resource Management," School of Community Resources and Development, Arizona State University

Undergraduate Honor's Thesis Committee

2017 **Erin Rugland,** "Social Exclusion from Public Green Spaces: Dimensions of Sociolegal Barriers to Urban Park Access," Barrett, The Honors College, Arizona State University

Reading & Conference Adviser

2016 **David Schlinkert,** "Edification of the Previously Displaced: Dropout Rates and Mental Health Access Amongst Bolivar's Displaced Youths" for the United State Agency of International Development, School of Public Affairs, Arizona State University

High School Student Faculty Adviser (Senior Project)

2023 **Tiffany McKalko**, BASIS Ahwatukee High School (COVID-19 Policy), University of Michigan, 2023
2018 **Vritika Patni**, BASIS Peoria High School (Environmental Justice), Cornell University, 2019-2023

International Visiting Fellow Adviser

2025 **Hee-Chan Cho**, Ph.D., Center for Computational Social Science, Hanyang University (Language Models)

2024 **Sanghoon Kim**, Korean Ministry of Environment (Climate Change Adaptation)
2018 **Inyoung Hwang,** Ph.D., Graduate School of Public Administration, Seoul National University (ABM)
2017 **Minsang Yi**, ABD, Graduate School of Public Administration, Seoul National University (IT)
2015 **Insu Baek**, Researcher, Korea's National Information Society Agency (IT)
2012 **Howon Suk**, Ph.D., Department of Public Administration, Korea University (Complexity and Public Policy)

SERVICES

Professional Services

Association for Public Policy Analysis & Management (APPAM)
2025 47th APPAM Fall Research Conference, Seattle, WA (November 13-15), Program Committee
2021 43th APPAM Fall Research Conference, Austin, TX. (November 11-13), Program Committee
2020 42th APPAM Fall Research Conference, Washington, DC. (November 12-14), Program Committee
2013 35th APPAM Annual Research Conference, Washington, DC (November 7-9), Discussant
2012 34th APPAM Conference, Baltimore, MD (November 8-10), Program Committee
2012 34th APPAM Conference, Baltimore, MD (November 8-10), Roundtable Organizer, Advancing Policy Informatics within APPAM
2011 33rd APPAM Conference, Washington, D.C. (November 3-5)
Poster Presentation Judge
Program Committee on (1) Environment and Energy and (2) Ad-hoc Policy Informatics
Panel Organizer, "Advanced Simulation Approaches for Community Sustainability"
Workshop Organizer, "Working with Prototype Agent-Based Models for Topics in Public Policy and Management" (with E. Johnston and S. Maroulis)
2008 30th APPAM Conference, Los Angeles, CA (November 6)
Discussant, "Organizational Decision Making: Causes and Consequences"
Chair, "Exploring Scientists' Perceptions about Their Research and Work Environment"

Networks of Schools of Public Policy, Affairs, and Administration (NASPAA)
2025 NASPAA Student Simulation Competition, Arizona State university, Phoenix, AZ (March 1), ASU Site Leader
2024 NASPAA Doctoral Dissertation Award Committee (July-September), Member
2023 NASPAA Ad-hoc Simulation Committee (March 2023-October 2024) & Super Judge
2022 NASPAA Ad-hoc Simulation Committee (March 2022-October 2023) & Super Judge
2019 NASPAA Annual Conference, Atlanta, GA (October 12), Panel Organizer
2019 NASPAA Student Simulation Competition, Arizona State University, Phoenix, AZ (February 24), ASU Simulation Leader
2017 NASPAA Student Simulation Competition, Arizona State University, Phoenix, AZ (February 25), Advisory Group & ASU Simulation Leader
2016 NASPAA Student Simulation Competition, Arizona State University, Phoenix, AZ (February 27), Steering Committee & ASU Simulation Leader
2015 NASPAA Student Simulation Competition, University of Southern California, LA, CA (February 28), Judge
2014 NASPAA Doctoral Dissertation Award Committee, Member

Digital Government Associations (dg.o)
2019 20th International Conference on Digital Government Research (dg.o), Dubai, UAE (June 18-20), Track Co-Chair, "Data intelligence to data impacts: Tackling public problems with data"
2018 19th International Conference on Digital Government Research (dg.o), Delft, Netherlands (May 30-June 1), Track Co-Chair, "Data sharing and analytics to solve social challenges"
2016 17th International Conference on Digital Government Research (dg.o), Shanghai, China (June 8-10), Program Co-Chair
2015 16th International Conference on Digital Government Research (dg.o), Phoenix, AZ (May 27-30), Program Co-Chair

2014 Policy Informatics in the PA Curriculum: A workshop to explore integration of data-intensive analytical skills in public affairs education, Center for Technology in Government, Albany, NY (May 9), Advisory Group for the NSF/eGovPoliNet-funded workshop
2014 13th IFIP e-Government Conference, Trinity College, Dublin, Ireland (September 1-4), Program Committee
2013 12th IFIP e-Government Conference, Koblenz, Germany (September 16-19), Program Committee
2013 Crossover Project for Policy-Making 2.0 Prize, Jury
2013 XVII International Research Society for Public Management Conference, Prague, Czech Republic (April 10-12), Track Co-Chair, "Policy Informatics"

Other Professional Services
2021 American Association of University Women Fellowship and Grant Review Panel (December 16, 2021-March 12), Reviewer
2019 Midwest Political Science Association (April 6), the Evan Ringquist Award on Political Institutions Selection Committee
2016 2M Research Services, Expert panel on WIC fraud control (Dec 2015 – July 2017)
2012 Agent-Based Modeling Workshop with S. Maroulis, Ohio State University, Columbus, OH (May 2-3)

Academic Program Reviews

2026 Master of Science in Public Policy in Rockefeller College, University at Albany (SUNY), May 26
2021 International Political Economy MS, Public Policy MPP, and Public Policy and Political Economy Ph.D. programs, University of Texas-Dallas, November 8-10

Journals/Publishers

Ad-Hoc Reviewer
Administration & Society
American Journal of Evaluation
Complexity, Governance, and Networks
Computational and Mathematical Organization Theory
Computers and Industrial Engineering
Computer in Human Behavior
Computers, Environment and Urban Systems
Disaster Medicine and Public Health Preparedness
Environment and Planning B
Environmental Politics
Information Polity
Journal of Artificial Societies and Social Simulation
Journal of Health and Human Services Administration
Journal of Policy Analysis and Management
Journal of Public Affairs Education
Journal of Public Management and Social Policy
Landscape and Urban Planning
Nature-Humanities and Social Sciences Communication
Policy and Society
Policy Sciences
Policy Studies Journal
Public Administration Review
Public Management Review
Quality & Quantity
Review of Policy Research
Risk Analysis
Scientific Reports
Southeastern Geographer
The Annals of Regional Science
Urban Forestry & Urban Greening

Urban Studies

Editorial Board

Journal of Policy Analysis and Management, Co-editor (2018-2022)
International Journal of Society Systems Science (2008-2010)

Book Proposal Reviewer

Routledge (2020)
Taylor and Francis Group (2017)

Book Reader

SAGE Publishing (2019)
Princeton University Press (2016, 2018)

Services at Arizona State University

Center on Technology, Data, and Society (CTDS), 2019-Present

2025 Large-Language Models and Policy Documents, ASU CTDS—Hanyang University Center for Computational Social Science (C2S2) Workshop (February 3 & 5), Organizer
2024 CTDS Doctoral Student-led Spring Online Seminar Series (climate change adaptation and qualitative comparative analysis by J. Kim and understanding nonlinear interaction effects by Y. Won), April 11-12, Organizer
2024 Data Analytics and Computational Modeling for Social Challenges, ASU CTDS—Hanyang University C2S2 International Joint Mini-Conference (January 23 & 24), Organizer
2022 Working with Spatial Data for Policy Research using R, Virtual Workshop (October 7, 14, 21, and 28), Organizer
2021 Digital Entrepreneurship in Communities of Color, (April 9), Panel Moderator
2021 Data Analytics and Computational Modeling for Social Challenges: Public Policy and Management Implications, ASU CTDS—Hanyang University C2S2 Joint Mini-Conference (February 18 & 25), Organizer
2020 COVID-19 and Public Policy and Management Virtual Workshop, (May 1), Organizer

Center for Policy Informatics (CPI), 2007-2013

2012 Launched Policy Informatics Network website
2012 Set up Policy Informatics Network Listserv
2011 APPAM symposium on policy informatics
2011 A special issue on policy informatics, *The Innovation Journal*
2010 Round table: Complexity in public policy and management
2009 Hosted a workshop on policy informatics at ASU
2009 Co-hosted a workshop on risk communication
2008 Received approval of the CPI proposal

University Committees, 2007 - present

2024, 2025 Graduate College Completion Fellowship Faculty Review Committee
2021 Presidential Postdoctoral Fellowship (PPF) Committee
2018-2019 Graduate College Fellowship Review Committee
2016 Santa Fe Institute/ASU CASS Online MS program Curriculum Committee
2010-2011 Preparing Future Faculty Program Mock Interviewer

Watts College Committees, 2007 - present

2024 Future of Public Service Working Group, Dean Scholar
2021 Dean Search Advisory Committee
2021 Endowed Professor (Urban Solutions) Search Committee
2020 Maryvale 1-Square Mile Initiative Proposal Reviewer
2019-2020 EMHS Professor Search Committee
2018-2019 Peer Teaching Policy Ad-hoc Committee

School Committees, 2007 - present

2027-2028	MPA/MPP Program Committee
2026-2027	Faculty Search Committee
2024-2025	Ad-hoc EMHS/PEDA Curriculum Committee
2023-2025	P&T/Bylaw Committee
2022-2024	Diversity Committee
2021	Emergency Management Faculty Search Committee
2020-2022	Personnel Committee, Chair (2021-2022)
2020-2021	Diversity and Inclusion Committee, Chair
2019-2020	EMHS Lecturer Search Committee, Chair
2018-2019	Data Analytics Faculty Search Committees
2018-2019	Faculty Associate Committee, Chair
2017-2020	Undergraduate Committee, Director
2017-2018	Study Abroad Program Committee, Chair
2016-2017	Doctoral Committee
2016	Doctoral Comprehensive Exam Ad-hoc Committee
2014-2015	Personnel Committee
2012-2013	PAF505/540/540 and PAF501/503/579 Working Group
2011-2017	Colloquium Organizer
2010-2011	Faculty Search Committee
2010-2011	Mary Ann Huerta Jenkins Scholarship Committee
2009-2016	MPA/MPP Committee
2009-2010	PAF505 Core Curriculum Agreement Review Committee
2009-2010	Technology Ad-hoc Committee

Consultations, 2016 - present

2022	Agent-based modeling, The Korea Institute of Public Administration
2020	New Technologies and Big Data for Entrepreneurship in Communities. The Ewing Marion Kauffman Foundation ($5,000)
2017	Data-Driven Policymaking. The National Information Society Agency, Korea ($3,000)
2016	Model Framework for Dense Urban Area. Center for Assured and Scalable Data Engineering, Arizona State University, Intra-university consulting ($1,000)

ACADEMIC MEMBERSHIPS

American Political Science Association, 2014-2015
American Society for Public Administration, 2007–2014
Association for Public Policy Analysis and Management, 2006–Present
Computational Social Science Society of America, 2009, 2011
Digital Government Society, 2014-2016
Midwest Political Science Association, 2018-2019
Public Management Research Association, 2007–2009, 2019
Regional Science Association International, 2010
Urban Affairs Association, 2016-Present