Amit Patel, PhD

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EDUCATION

PhD in Public Policy George Mason University, USA	2008 – 2012
Fellowship Programme in Management (one year of graduate coursework) Indian Institute of Management Ahmedabad, India	2007 – 2008
Master of Urban and Regional Planning CEPT University, India	2002 – 2004
Bachelor of Architecture The Maharaja Sayajirao University of Baroda, India	1996 – 2001

APPOINTMENTS

Associate Professor of Public Policy and Public Affairs and PhD Program Director	2022 – Current
Assistant Professor of Public Policy and Public Affairs John W. McCormack Graduate School of Policy and Global Studies University of Massachusetts Boston, USA	2015 – 2022
Affiliate Faculty School for Environment, University of Massachusetts Boston, USA	2021 – Current
Affiliate Faculty Schar School of Policy and Government, George Mason University, USA	2016 – 2017
Post-doctoral Research Fellow and Instructor School of Public Policy & Krasnow Institute, George Mason University, USA	2012 – 2015
Graduate Research Assistant School of Public Policy, George Mason University, USA	2008 – 2012
Project Associate Indian Institute of Management Ahmedabad, India	2004 – 2007
Architect Gautam Shah & Associates, India	2001 – 2002

RESEARCH AGENDA AND AREAS OF EXPERTISE

Dr. Patel's research focuses on housing and health disparities among urban poor living in slums of the global South. He has published 30 peer-reviewed works, including 21 journal articles and 4 book chapters. Dr. Patel's research is sponsored by the National Science Foundation, the Bill and Melinda Gates Foundation, the International Development Research Center, and the World Bank Group, among others, with over $1M in extramural funding. Dr. Patel's research has received awards from the Network of Schools of Public Policy, Affairs, and Administration (NASPAA), the Regional Science Association International (RSAI), and twice from the Association for Public Policy Analysis and Management (APPAM).

PUBLICATIONS

†Graduate student co-authors; * undergraduate student co-authors; 5-Year/Impact Factor (5Y-IF/IF).

Peer-reviewed Journal Articles

1. Bhan, T., **Patel, A.**, (2023). Migration and health: Exploring the effect of destinations on the health outcomes among rural-urban migrants in India. *Social Science and Medicine.* Vol. 331. https://doi.org/10.1016/j.socscimed.2023.116079 [IF: 5.379]

2. Tang, T., See, L., Wada, Y., Hofstra, N., **Patel, A**., Setiawati, S., Wibowo, D., Rahut, D., & Ram, K. S. (2022). Accelerating Progress towards Universal Water Sanitation and Hygiene (WASH): Governance, Technology and Data for Urban Settings. *Environment and Planning B: Urban Analytics and City Science* [5Y-IF: 3.922], 49(8), 2038–2043. https://doi.org/10.1177/23998083221128959

3. **Patel**, A., Borja-Vega, C., Mimmi, L., Soukup, T., Kolomaznik, J., †Bhan, T., †Mundt, M., †Lee, H. (2022). Predicting deprivations in housing and basic services from space in the slums of Dhaka. *Environment and Planning B: Urban Analytics and City Science.* 49(8), 2112–2128, https://doi.org/10.1177/23998083221123589 [5Y-IF: 3.922]

4. **Patel, A.** (2022). How applicable are scaling laws in predicting slum population in urban systems? Evidence from India. *Environment and Planning B: Urban Analytics and City Science*. https://doi.org/10.1177/23998083221122793 [5Y-IF: 3.922]

5. †Killemsetty, N., & **Patel, A.** (2022). Slum-dwellers as experts: a value focused thinking approach to understand housing challenges in slum communities of India. *Journal of Urban Affairs.* [5Y-IF: 2.715]

6. Meng-Hao, Li., Siddique, AB., Wilson, B. **Patel, A.,** El-Amine, H and Koizumi, N. (2022). Identifying Kidney Trade Networks using Web Scraping Data. *BMJ Global Health* http://dx.doi.org/10.1136/bmjgh-2022-009803 [IF: 8.056]

7. †Killemsetty, N., Johnson, M., & **Patel, A**. (2021)*.* Understanding housing preferences of slum dwellers in India: a community-based operations research approach. *European Journal of Operations Research. 298*(2), 699-713, https://doi.org/10.1016/j.ejor.2021.06.055 [IF: 6.363]

8. **Patel, A.,** Lotia, H., Malik, A., †Mundt, M., †Lee, H., & Rafiq, M. A. (2020). Gendered impacts of environmental degradation in informal settlements: a comparative analysis and policy implications for India, Bangladesh, and Pakistan. *Journal of Comparative Policy Analysis: Research and Practice. 23*(4)*, 468-484,* https://doi.org/10.1080/13876988.2020.1829454 [Official Journal of International Comparative Policy Analysis Forum, 5Y-IF: 2.400]

9. **Patel, A.,** Joseph, G., †Killemsetty, N., & †Eng, S. (2020). Effects of residential mobility and migration on standards of living in Dar es Salaam, Tanzania: a life-course approach. *PLoS ONE, 15*(9): e0239735. https://doi.org/10.1371/journal.pone.0239735 [The Journal was ranked 30th in all sciences by Google Scholar Matrix 2020]

10. **Patel, A.,** & Shah, P. (2020). Rethinking slums, cities, and urban planning: lessons from the COVID-19 pandemic. *Cities and Health.* https://doi.org/10.1080/23748834.2020.1790252

11. **Patel, A.** (2020)**.** Preventing COVID-19 amid public health and urban planning failures in slums of Indian cities. *World Medical & Health Policy, 12*(3), 266-273*.* http://dx.doi.org/10.1002/wmh3.351

12. **Patel, A.,** Shah, P., & †Beauregard, B. (2020)*.* Measuring multiple housing deprivations in urban India using Slum Severity Index. *Habitat International, 101*(102190). https://doi.org/10.1016/j.habitatint.2020.102190 [IF: 5.205]

13. DasGupta, D., **Patel, A**., Saxena, D., Koizumi, N., Trivedi, P., Patel, K., Raval, D., †King, A., & †Chandler, K. (2020). Choice-based reminder cues: findings from an mHealth study to improve

tuberculosis (TB) treatment adherence among the urban poor in India. *World Medical and Health Policy, 12*(2),163–181. https://doi.org/10.1002/wmh3.337

14. **Patel, A.**, Joseph, G., Shrestha, A., & †Foint, Y. (2019). Measuring deprivations in the slums of Bangladesh: implications for achieving sustainable development goals. *Housing and Society*, *46*(2), 81–109. https://doi.org/10.1080/08882746.2019.1622346 [Official Journal of Housing Education and Research Association]

15. †Siddique, A., †Krebs, M., *Alvarez, S., *Greenspan, I., **Patel, A.,** *Kinsolving, J., & Koizumi, N. (2019). Mobile apps for the care management of chronic kidney and end-stage renal diseases: systematic search in app stores and evaluation. *JMIR mHealth and uHealth, 7*(9), e12604. https://doi.org/10.2196/12604 [5Y-IF: 5.650; Q1 in Medical Informatics]

16. Mayer, J., Kai C., **Patel, A.**, Stanford I., Kulkarni, R., & Koizumi, N. (2016). Reading tea leaves: what 1,331 protest placards tell us about the Tea Party movement. *Visual Communication Quarterly,* 22(4), 237–250. https://doi.org/10.1080/15551393.2015.1115729

17. Vora, K., Sandul, Y., **Patel, A.**, Upadhyay, A., & Mavalankar, D. (2015). Has Chiranjeevi Yojana changed the geographic availability of free comprehensive emergency obstetric care services in Gujarat, India? *Global Health Action, 8*(1), 28977*. https://doi.org/10.3402/gha.v8.28977* [5Y-IF: 3.486]

18. Koizumi, N., DasGupta, D., **Patel, A.**, Smith, T., Mayer, J., Callender C., & Melancon, J. (2015). Geographic variation in cold ischemia time: kidney vs liver transplantation in the United States, 2003–2011. *Transplantation Direct, 1*(7), e27. https://doi.org/10.1097/TXD.0000000000000529

19. **Patel, A.**, Koizumi, N., & Crooks, A. (2014). Measuring slum severity in Mumbai and Kolkata: a household based approach. *Habitat International, 41*, 300–306. https://doi.org/10.1016/j.habitatint.2013.09.002 [IF: 5.205]

20. **Patel, A.,** Crooks, A., & Koizumi, N. (2012). Slumulation: an agent-based modeling approach to slum formations. *Journal of Artificial Societies and Social Simulation, 15*(4), Article 2. https://doi.org/10.18564/jasss.2045 [IF: 3.500]

21. Koizumi, N., Nicogossian, A., **Patel, A.**, & †Kloc, M. (2010). A preliminary assessment of chlamydia and gonorrhea infections in the U.S.A. communities neighboring military installations. *World Medical & Health Policy*, *2*(4), Article 15. https://doi.org/10.2202/1948-4682.1131

22. Ramani, K. V., Mavalankar, D., **Patel, A.,** & Mehandiratta, S. (2007). A GIS approach to plan and deliver healthcare services to urban poor: a public private partnership model for Ahmedabad City, India. *International Journal of Pharmaceutical and Healthcare Marketing*, *1*(2), 159–173. https://doi.org/10.1108/17506120710763004

Peer-reviewed Book Chapters

23. **Patel, A.**, Crooks, A., & Koizumi, N. (2018). Integrating GIS and ABM to explore spatio-temporal dynamics of slum formation in Ahmedabad, India. In J.C. Thill & S. Drajicavic, S. (Eds.), *Geocomputational analysis and modeling of regional systems* (pp. 121-141). Springer.

24. Koizumi, N., Gentili, M., Ganesan, R., DasGupta, D., **Patel, A.,** Chen, C., Waters, N., & Melancon, K. (2016). Mathematical optimization and simulation analyses for optimal organ allocation system. In H. Yang & E. Lee (Eds.), *Healthcare data analytics: From data to knowledge to healthcare improvement* (pp. 413-437). Wiley Series in Operations Research and Management Science, John Wiley & Sons Inc.

25. Crooks, A. T., **Patel, A.**, & Wise, S. (2014). Multi-agent systems for urban planning. In N. N. Pinto, J. Tenedório, A. P. Antunes, & J. Roca (Eds.), *Technologies for urban and spatial planning: Virtual cities and territories* (pp. 29-56). IGI Global.

26. Ramani, K. V., Mavalankar D., **Patel, A.**, & Mehandiratta S. (2008). Managing urban health through public-private partnership: a study of Ahmedabad City. In K. V. Ramani, D. Mavalankar, & D. Govil (Eds.), *Strategic issues and challenges in health management* (pp. 173-184)*.* Sage Publications.

Peer-reviewed Conference Proceedings

27. Wilson, B., Koizumi, N., **Patel, A**., Fraser, C., & Siddique, A. B. (2019). 306.2: Analyzing network of organ sales and trafficking using web scraping data*. Transplantation: November 2019 - Volume 103 - Issue 11S - p S59-S60 https://doi.org/10.1097/01.tp.0000611872.19330.d5*

28. Koizumi, N., Ganesan, R., Gentili, M., Chen, C., Waters, N., DasGupta, D., Nicholas, D., **Patel, A.**, Srinivasan, D., & Melancon, K. (2014). Redesigning organ allocation boundaries for liver transplantation in the United States. In A. Matta, J. Li, E. Sahin, E. Lanzarone, & J. Fowler (Eds.), *Proceedings of the International Conference on Health Care Systems Engineering, Springer Proceedings in Mathematics & Statistics, Vol. 6, pp. 15-27.*

29. **Patel, A.,** Koizumi, N., & Crooks, A. (2012). Simulating spatio-temporal dynamics of slum formation in Ahmedabad, India. *Proceedings for the 6th Urban Research and Knowledge Symposium.*

Peer-reviewed Teaching Case

30. **Patel, A.** (2018). Making Ahmedabad slum-free. Reference no. 218-0015-1. The Case Centre, UK. https://www.thecasecentre.org/educators/products/view?id=151023

31. **Patel, A.** (2018). Teaching note: making Ahmedabad slum-free. Reference no. 218-0015-8. The Case Centre, UK. https://www.thecasecentre.org/educators/products/view?id=151024

WORKS-IN-PROGRESS

Manuscripts Under Review

32. French, M., **Patel, A.**, Qureshi, A., Saxena, D., Sengupta, R. (Under Review). Agent Based Modeling of COVID-19 Transmission. *Environment and Planning B: Urban Analytics and City Science.* [5Y-IF: 3.922]

Manuscripts in Preparation

33. **Patel, A.** Trends in housing deprivations: does urbanization lift households from shelter poverty in India? In preparation for *Cities.* [5Y-IF: 5.008]

34. **Patel, A**., & Killemsetty, N. Making cities slum-free: a contemporary view on slum policies. In preparation for *World Development.* [IF: 3.905]

35. **Patel A.**, Malik, A., Mundt, M., & Lotia, H. Data article. Empowering women in South Asia's slums: the challenges of environmental degradation. In preparation for *Scientific Data.* [5Y-IF: 6.776]

36. **Patel, A.** and [†]Eng, S. Spatio-Temporal Trends in Housing Improvements in Cambodia. In preparation for *TBA.*

37. **Patel, A.** and Baker, M. Social determinants of temporal improvements in housing deprivations in India. In preparation for TBA.

38. DasGupta, D. and **Patel, A.** Multiple Housing Deprivations for Aging Population in India. In preparation for *Habitat International.* [IF: 5.205]

Book Reviews in Preparation

39. **Patel, A.** Book review. The new science of cities by Michael Batty. In preparation for *Journal of Planning Education and Research.* [IF: 2.667]

40. **Patel, A.** Book review. Urban complexity and planning by Shih-Kung Lai. In preparation for *Environment and Planning B: City Science and Urban Analytics.* [IF: 2.825]

OTHER PUBLICATIONS

Policy Brief

41. **Patel, A.**, Lotia, H., Malik, A., †Mundt, M., †Lee, H., & Rafiq, M. A. (2018). How climate change and environmental degradation hurts women more than men in slums of South Asia. *GrOW Research Series Policy Brief.* Montreal, Canada: Institute for the Study of International Development, McGill University. http://grow.research.mcgill.ca/publications/policy-briefs/gpb-2018-08.pdf

Book Review

42. **Patel, A.** (2012). The exposed city: mapping the urban invisibles by Nadia Amoroso. *Journal of Planning Education and Research, 32*(3), 244-246.

Technical Reports

43. Lotia, H., **Patel, A**., Rafiq, M. A., †Mundt, M., †Lee, H. J., Malik, A., & Peters, E. (2018). Effects of degraded environmental conditions on women empowerment in slums of four cities of India, Bangladesh, and Pakistan. Submitted to The Urban Institute, Washington, DC.

44. Mimmi, L. Borja-Verga, C., **Patel, A**., †Bhan, T., †Mundt, M., †Lee, H. J., Soukup, T., & Kolomaznik, T. (2017). Predicting deprivations in housing and basic services from space: a pilot study in slums of Dhaka, Bangladesh. Submitted to The World Bank Group, Washington, DC.

Working Papers

45. **Patel, A.,** †Mundt, M., †Lee, H. J., Lotia, H, Rafiq, M. A., & Malik, A. (2018). Empowering women in South Asia's slums: the challenges of environmental degradation. GrOW Working Paper Series, GWP-2018-17 – Research Contribution Paper. http://grow.research.mcgill.ca/publications/working-papers/gwp-2018-17.pdf

46. Koizumi, N., Rothbard, A., **Patel, A.**, Noll L., & Smith, T. E. (2010). Assessing geographical clustering of outpatient psychiatric service utilization in Philadelphia. George Mason University School of Public Policy Research Paper No. 2010-27. http://ssrn.com/abstract=1692968

47. **Patel, A.**, Ramani, K. V., Mavalankar, D., Agarwal, A., Maiya, S., & Nayak B. (2007). Implementing a public private partnership model for managing urban health in Ahmedabad. IIMA Working Paper No. 2007-09-03.

48. Ramani, K. V., Mavalankar, D., **Patel, A.,** Mehandiratta, S., Bhardwaj, R., & Joshi, D. (2006). A public private partnership model for managing urban health: a study of Ahmedabad City. IIMA Working Paper No. 2006-03-05.

49. Ramani, K. V., Mehandiratta, S., **Patel, A.**, Joshi, D., Patel, N., Karnick, P., & Kaur, M. (2005). Urban health status in Ahmedabad City: GIS based study of Baherampura, Kubernagar, and Vasna wards. IIMA Working Paper No. 2005-03-05.

50. Mavalankar, D., Ramani, K. V., **Patel, A.**, & Shankar, P. (2005). Building the infrastructure to reach and care for the poor: trends, obstacles and strategies to overcome them. Background paper for *World Health Report 2005: Make Every Mother and Child Count.* Geneva: World Health Organization.

Blog Entry

51. **Patel, A.** (2016). Prospects for Obamacare under the new presidency. *McCormack Speaks.* http://blogs.umb.edu/mccormack-speaks/2016/10/12/reflections-on-presidential-debate-policy-issues/

Pre-prints

52. Meng-Hao, Li., Siddique, AB., Wilson, B. **Patel, A.,** El-Amine, H and Koizumi, N. (2021). Identifying Kidney Trade Networks using Web Scraping Data (March 01, 2021). Available at SSRN: http://dx.doi.org/10.2139/ssrn.3891901

GRANTS AND RESEARCH CONTRACTS [TOTAL: $1,129,819]

National Science Foundation Planning: CRISES: Climate Inequality and Integrative Resilience Center [Role: Senior Personnel]	2023 – Current	$100,000
Barr Foundation Offshore Wind Energy Visit to Denmark. [Role: Co-PI]	2022 – 2022	$290,000
Policies Across Disciplines [Internal Seed Grant] Making Sense of Climate Strikes: A Bottom-up Approach to Systematically Identify Policy Communication from Protesters' Placards. [Role: PI]	2022 – Current	$5,000
India-Canada Centre for Innovative Multidisciplinary Partnerships to Accelerate Community Transformation and Sustainability [IC-IMPACT] Agent-based simulation of Covid-19: Estimating the spread and disease burden using advanced epidemiological modelling. [Role: Co-PI]	2020 – Current	CA$25,000
Stone Living Lab at University of Massachusetts Boston Grant Developing robust policies for nature-based solutions for coastal flood protection in Boston. [Role: Co-PI] Note: This is part of the initial Core Research of the Stone Living Lab at UMB. The Lab carries out research and engagement on the biophysical and socioeconomic performance of nature-based solutions for coastal food reduction. The Lab was initiated in January 2020 with a $5 million gift from the James M. and Cathleen D. Stone Foundation.	2021 – 2023	$110,000
International Development Research Center Canada Grant 109509-021 Open data research initiative. [Role: PI]	2019 – Current	CA$15,340
National Science Foundation Grant 1838306 EAGER: ISN: Network analysis and opportunities for disruption of organ trafficking. [Role: Co-PI]	2018 – 2023	$291,510
The World Bank Group Measurements, determinants, and effects of intra-city living conditions in Dar es Salaam, Tanzania. [Role: PI]	2018 - 2019	$15,000

Leadership for Environment and Development Pakistan	2017 – 2018	$5,882
Effects of environmental degradation on women in slums in three cities of Pakistan, Bangladesh, and India. [Role: PI]		
The World Bank Group	2017 – 2018	$35,000
Guides and session on economic analysis/cost-benefit of water interventions. [Role: PI]		
The World Bank Group	2017 – 2018	$30,000
Analytical and planning tool for integrating multi-dimensional data in urban slums. [Role: PI]		
University of Massachusetts Boston's Office of Global Programs [Internal Seed Grant]	2015 – 2016	$4,000
International Research/Education/Learning Initiative Seed Grants Program. [Role: PI]		
Bill & Melinda Gates Foundation Grand Explorations Challenge Grant	2014 – 2015	$100,000
Integrating ICT-based tuberculosis treatment innovations to increase compliance among the urban poor in India. [Role: Co-PI]		
National Science Foundation Grant 1225851	2012 – 2013	$100,000
An integrated simulation framework to explore spatio-temporal dynamics of slum formation. [Role: Key Personnel and Post-doctoral Research Fellow]		
TOTAL SPONSORED RESEARCH		**$1,129,819**

AWARDS AND HONORS

The JCPA-APPAM Best Comparative Policy Paper Award	2019
Journal of Comparative Policy Analysis and Association of Public Policy Analysis and Management	
Book Award for the Best Paper at 12th World Congress of RSAI	2018
Regional Science Association International	
Case Writing Fellowship	2014 – 2018
The Case Center, UK	
APPAM Best Dissertation in Public Policy and Management Asia Award	2013
Association of Public Policy Analysis and Management (APPAM)	
Honorary NASPAA Annual Dissertation Award	2013
Network of Schools of Public Policy, Affairs, and Administration (NASPAA)	
Joseph L. Fisher Doctoral Award	2013
School of Public Policy, George Mason University	
The Osher Lifelong Learning Institute Scholarship	2012
Osher Lifelong Learning Institute, George Mason University	
Graduate Aptitude Test in Engineering (GATE) Scholarship	2002 – 2004
Ministry of Human Resources Development, Government of India	
National Merit Scholarship	1994 – 1996

Ministry of Human Resources Development, Government of India

CONFERENCE PRESENTATIONS AND INVITED SEMINARS

Invited Seminars

Patel, A., (2023)**.** Role of Theory, Evidence, and Community Engagement in Reducing Public Health Disparities. Invited Seminar at Indian Institute of Public Health Gandhinagar.

Patel, A., Borja-Verga, C., & Mimmi, L., Soukup, T., Kolomaznik, J., Bhan, T., Mundt, M. Lee, H. (2021). Predicting Deprivations in Housing and Basic Services from Space in the Slums of Dhaka. *2021 ADBI-ADB-IFS-IIASA Workshop on Water, Sanitation and Hygiene (WASH) Technologies and Governance in Urban Development,* October 28-29, 2021, Virtual.

Patel, A. (2021). Introduction to social epidemiology. *National Online Workshop on Epidemiology and Disease Modeling.* Indian Institute of Public Health Gandhinagar and Gujarat State Biotechnology Mission (Government of Gujarat). Virtual. April 8–10, 2021.

Patel, A. (2021)**.** Conceptualizing slums and cities as networks: implications for urban planning and public health. *Applied Urban Modelling 2020: Modelling the New Urban World*, Martin Centre for Architectural and Urban Studies, University of Cambridge, UK. Virtual. January 28, 2021.

Patel, A., Malik, A., Mundt, M., Lotia, H., Lee, H., & Rafiq, M. A. (2020). Gendered impacts of environmental degradation in informal settlements: a comparative analysis and policy implications for India, Bangladesh, and Pakistan. *Gender Exchange Webinar Series.* The United States Institute of Peace, Washington, DC. August 26, 2020.

Patel, A., & Malik, A. (2019). Empowering women in South Asia's slums: the challenges of environmental degradation. Seminar at the Center for International Development, Harvard University. April 19, 2019.

Patel, A., Mimmi, L., Borja-Verga, C., Soukup, T., Kolomaznik, T., [†]Bhan, T., [†]Mundt, M., [†]Lee, H. J., & [†]Anyanwu, I. (2018). Predicting housing deprivations from space in slums of Dhaka, Bangladesh. *Public Policy Research Seminar Series*, University of Massachusetts Boston. September 17, 2018.

Patel, A. (2018). Determinants of emergence and growth of slums in South Asian cities. *Examining Dynamics of Deprived Settlements in Different Geographic Contexts; Standards and Transferability,* Workshop at Institute for Advanced Studies, University of Amsterdam, Amsterdam, Netherlands. July 2-6, 2018.

Lotia, H., Rafiq, M. A., **Patel, A.**, [†]Lee, H., & [†]Mundt, M. (2018). Effects of degraded environmental conditions on women empowerment in slums of four cities of India, Bangladesh, and Pakistan. Workshop with Policymakers on *Empowering Pakistani Women for Growth & Prosperity: From Evidence to Policy,* Islamabad, Pakistan. February 8, 2018.

Patel, A., Soukup, T., Kolomaznik, J., Borja-Verga, C., & Mimmi, L. (2017). Integrating multi-dimensional data for inclusive and sustainable development of urban slums. Presentation at the World Bank, Washington, DC. September 14, 2017.

Patel, A., & [†]King, A. (2015). ICT-based innovations to improve treatment adherence among urban poor in India. *Public Policy Research Seminar Series*, Department of Public Policy and Public Affairs, University of Massachusetts Boston. December 1, 2015.

Patel, A. (2014). Simulation approach to policymaking: case of Ahmedabad slums. *Faculty of Technology Open Lecture Series 2014*, CEPT University, Ahmedabad, India. January 16, 2014.

Patel, A., & Koizumi, N. (2013). Health implications of urban poverty and deprivation: evidence from slums in India. *Forum on Health, Homelessness and Poverty*, Arlington, VA. November 7th, 2013.

Patel, A. (2012). Slumulation: an integrated framework for exploring spatio-temporal dynamics of slum formations. Seminar at the Department of Computational Social Science, George Mason University, Arlington, VA. September 21, 2012.

Patel, A. (2012). Slumulation: towards an integrated framework for exploring spatio-temporal dynamics of slum formations. Seminar at the Center for Advanced Spatial Analysis (CASA), University College London. March 28, 2012.

Mavalankar, D., Ramani, K. V., **Patel, A.**, & Shankar P. (2006). Rural health infrastructure in India. Presentation at a colloquium for India Infrastructure, Report 2007, IIT Kanpur, India. April 2006.

Conference Presentations

Patel, A. and Killemsetty, N. (2023). Slum Evictions in the Global South: A Systematic Review. *Annual Meeting of Urban Affairs Association*, Nashville, TN, USA. April 26-29, 2023.

Dodda, TA., Killemsetty, N., **Patel, A.** (2023). Slum Evictions in the Global South: A Systematic Review. *Policy Conflux,* Christ University, Bengaluru, India. April 1-2, 2023.

Patel, A. & [†]Teklu, A. (2022). Solicitation Signs on the Street: Making Sense of Perceived Identities, Causes, and Social Constructions of Homelessness in the US Cities. *50th Annual Conference of Urban Affairs Association*, Washington, DC. April 12-14, 2022. [Rescheduled due to COVID-19 emergency]

Patel, A., & [†]Killemsetty, N. (2020). A systematic review of slum policies in the Global South: what could policymakers learn from successes and failures of the past. *21st Annual Land and Poverty Conference*, Washington, DC. March 16-20, 2020. [Cancelled due to COVID-19 emergency]

[†]Killemsetty, N., & **Patel, A.** (2020). Giving voice to the slum dwellers – understanding the implications of the implementation of the Land Rights Act in Odisha State, India. *21st Annual Land and Poverty Conference*, Washington, DC. March 16-20, 2020. [Cancelled due to COVID-19 emergency]

Patel, A., & Malik, A. (2019). Empowering women in South Asia's slums: the challenges of environmental degradation. *41st Annual Fall Research Conference of Association of Public Policy and Management (APPAM),* Atlanta, GA. November 7-9, 2019.

Patel, A., & Shah, P. (2019*).* Measuring housing deprivations in India: an alternative approach to slum enumeration. *Urban Affairs Association Conference 2019*, Los Angeles, CA. April 25-29, 2019.

Koizumi, N., & **Patel, A.** (2019). Network analysis and optimal interventions for disruption of organ trafficking. *GMU-NSF Conference on Disrupting Operations of Illicit Supply Networks*, George Mason University, Arlington, VA. March 24-25, 2019.

Patel, A. Mimmi, L., Borja-Verga, C., Soukup, T., Kolomaznik, T., [†]Bhan, T., [†]Mundt, M., [†]Lee, H. J., & [†]Anyanwu, I. (2019). Predicting housing deprivations from space in slums of Dhaka, Bangladesh. *20th Land and Poverty Conference 2019*, World Bank, Washington, DC. March 25-29, 2019.

Patel, A., & Shah, P. (2019*).* Measuring housing deprivations in India: an alternative approach to slum enumeration. *Land and Poverty Conference 2019*, World Bank, Washington, DC. March 25-29, 2019.

Patel, A., Lotia, H., Malik, A., [†]Mundt, M., [†]Lee, H. J., & Rafiq, M. A. (2018). Empowering women in South Asia's slums: the challenges of environmental degradation. *Pathways to Gender Equality: Economic Gender Analysis Addressing Current and Future Challenges*, American University, Washington, DC. November 2-3, 2018.

Soukup, T., Mimmi, L. Borja-Verga, C., & **Patel, A.** (2018). Predicting slum dweller's deprivations from space , mapping urban areas. *Space Conference 2018*, Frascati, Italy. October 30-31, 2018.

Patel, A., Joseph, G., & [†]Killemsetty, N. (2018). Effects of residential mobility and migration on standards of living in Dar es Salaam, Tanzania. *12th World Congress of Regional Science Association International*, Goa, India. May 29–June 1, 2018.

Patel, A., Mimmi, L., Borja-Verga, C., [†]Bhan, T., [†]Mundt, M., [†]Lee, H. J., Soukup, T., & Kolomaznik, T. (2018). Predicting deprivations in housing and basic services from space: a pilot study in slums of Dhaka, Bangladesh. *12th World Congress of Regional Science Association International*, Goa, India. May 29–June 1, 2018.

Patel, A., & [†]Killemsetty, N. (2017). OrganSIM: an agent-based model of organ trade and trafficking markets. *Symposium on Organs for Transplant: Expanding Sources and Ethical Considerations*, George Mason University, Arlington, VA. March 9, 2017.

Koizumi, N., & **Patel, A.** (2016). ICT-based innovations to improve treatment adherence among urban poor in India. Seminar at USAID, Washington, DC. February 11, 2016.

Patel, A., & [†]Killemsetty, N. (2014). Measuring and monitoring housing deprivations in developing countries: an alternative approach to slum enumeration. *61st Annual North American Meetings of the Regional Science Association International*, Washington, DC. November 12-15, 2014.

Patel, A., Crooks, A., & Koizumi, N. (2014). Simulating slum policies using a spatial multi-agent decision support system. *61st Annual North American Meetings of the Regional Science Association International*, Washington, DC. November 12-15, 2014.

Koizumi, N., **Patel, A.**, DasGupta, D., Saxena, D., & Mavalankar, D. (2014). Integrating innovations to improve TB drug compliance among the urban poor. *Reducing Burden of Preventable Infections: Opportunities and Challenges for the 21st Century*, Indian Institute of Public Health, Gandhinagar, India. October 15-16, 2014.

Williams, S., Pecini, S., **Patel, A.,** [†]Dani, L., & [†]Bolanos L. (2014). The math skills workshop: a unit-wide collaboration to fill gaps in student learning. *Innovations in Teaching and Learning Conference*, George Mason University, Fairfax, VA. September 19, 2014.

Patel, A., & Shah, P. (2013). Scaling laws in slums: an evidence from Indian cities. *60th Annual North American Meetings of the Regional Science Association International*, Atlanta, GA. November 13-16, 2013.

Koizumi, N., Smith T., **Patel, A.**, Ganesan, R., Chen, C., Waters, N., Gentili, M., Melancon, K., & DasGupta, D. (2013). Applications of spatial, mathematical and simulation models to construct efficient and equitable allocation system for liver transplantation. *60th Annual North American Meetings of the Regional Science Association International*, Atlanta, GA. November 13-16, 2013.

Patel, A., Crooks, A., & Koizumi, N. (2013). A spatial ABM approach to explore slum formation dynamics in Ahmedabad, India. Part of session on *Agent-Based & Cellular Automata Models for Geographical Systems 2: Land-Use Models at* the *Annual Meeting of Association of American Geographers*, Los Angeles, CA. April 9-13, 2013.

Patel, A., Crooks, A., & Koizumi, N. (2012). Integrating GIS and ABM to explore spatio-temporal dynamics of slum formation in Ahmedabad, India. Part of a *Special Session on GeoComputation* at the *59th Annual North American Meetings of the Regional Science Association International*, Ottawa, Canada. November 7-10, 2012.

Patel, A., Koizumi, N., & Crooks, A. (2012). Simulating spatio-temporal dynamics of slum formation in Ahmedabad, India. *6th Urban Research and Knowledge Symposium on Cities of Tomorrow: Framing the Future,* Barcelona, Spain. October 8-10, 2012.

Patel, A., Koizumi, N., & Crooks, A. (2011). Defining slum severity in Indian mega-cities: a comparison of Mumbai and Kolkata. *58th Annual North American Meetings of the Regional Science Association International*, Miami, FL. November 9-12, 2011.

Koizumi, N., & **Patel, A.** (2011) Using GIS and simulation for analyzing optimal organ allocation for liver transplant. *INFORMS Health Care Conference*, Montreal, Canada. June 20-22, 2011.

Koizumi, N., **Patel, A.**, & Isaac, W. (2010). Changes in the spatial pattern of racial and social segregation in the gateway region of New Jersey. *57th Annual North American Meetings of the Regional Science Association International*, Denver, CO. November 10-13, 2010.

Patel, A. (2010). Politics of slum formations: a spatial agent-based modeling approach. *World Congress on Social Simulation*, Kassel, Germany. September 6-9, 2010.

Patel, A. (2010). Slumulation 1.0: a spatial agent-based model of slum formations. *Annual Meeting of Association of American Geographers*, Washington, DC. April 14-18, 2010.

Patel, A., & Shah, P. (2009). Theory of slum formation: a simulation approach. *10th Annual Congress of Asian Planning Schools Association on Future of Cities*, Ahmedabad, India. November 24-26, 2009.

Koizumi, N., Rothbard, A., **Patel A.**, & Noll, L. (2009). Racial factors associated with spatial clustering of mental health service utilization. *American Public Health Association (APHA) Annual Meeting and Public Health Exposition*, Philadelphia, PA. November 7-11, 2009.

Kloc, M., **Patel, A.**, Koizumi, N., & Nicogossian, A. (2009). Space-time spread of sexually transmitted diseases (STD) in Virginia. *Proceedings for the 17th International Conference of Geoinformatics,* Fairfax, VA. August 2009.

Patel, A. (2007). Jawaharlal Nehru National Urban Renewal Mission. Training Workshop for Chief Officers of Small & Medium Towns of Gujarat, CEPT University, India. May 2007.

TEACHING AND ADVISING

Graduate Courses, University of Massachusetts Boston

PUBADM 653: Policy Workshop: Diversity (MPA Core)	Spring 2021,22
PUBADM 651: Policy Workshop: Geographic Information Systems (MPA Core)	Spring 2021,22
PPOL-G 630: Research Methods I (PhD in Public Policy Core)	Spring 2019, 20, 21, 22
PUBADM 691: Master's in Public Administration Capstone (MPA Core)	Spring 2018
PUBADM 620: Analytical Methods for Policy Analysis I (MPA Core)	Spring 2017
PPOL-G 745: Advanced Quantitative Methods (PhD in Public Policy Elective)	Spring 2016
PUBADM 697: Urban Politics and Policy (MPA Elective)	Fall 2015 –18, 2020-21, 22
PPOL-G 611: Public Policy Processes (PhD in Public Policy Core)	Fall 2015 –18, 2020-21, 22

Graduate Courses, George Mason University

PUBP 705: Advanced Statistical Methods for Policy Analysis (MPP Core)	Spring 2015
PUBP 733: Urban Politics and Policy (MPP Elective)	Spring 2015
PUBP 704: Statistical Methods for Policy Analysis (MPP Core, 4 offerings)	2012 – 2014

Advising and Mentoring

Graduated Doctoral Students:

1. Dr. Namesh Killemsetty, Chair, Graduated in Spring 2021
   Title: Assessment of Housing Mismatch: Learning from Slum Communities in Small Cities of India
   Accomplishments: Dr. Killemsetty was awarded the Alma H. Young Emerging Scholar Award 2021 by the Urban Affairs Association, USA
2. Dr. Tanushree Bhan, Member, Graduated in Summer 2020
   Title: Potty Politics: Investigating the Policymaking Processes of Sanitation Service to the Urban Poor in Delhi
3. Dr. Sushmita Subedi, Member, Graduated Spring in 2020
   Title: Lost in Translation: Understanding Education Policy Implementation in Nepal
4. Dr. Dragana Bolcic-Jankovic, Member, Graduated in Fall 2019
   Title: Trends, Determinants, and Effects on Digital Disparities and Quality in Health Care
5. Dr. Omobukola Usidame, Member, Graduated in Spring 2018
   Title: Tobacco Products Advertisements at the Point of Sale: The Case of Massachusetts

Doctoral Student in Dissertation Stage:

1. Beth Fascitelli, Member
   Title: Process and Change in the Global Development System
2. Denisse Delgado, Co-Chair (with Prof. Michael Johnson)
   Title: Remittance Behaviors among Cuban Immigrants in Miami and Madrid: Practices, Motivations, and Experiences
3. Samiya Khalid, Member
   Title: Navigating the Barriers in Providing Reproductive Healthcare Services - A Study of Lady Health Workers in Pakistan
4. Sokha Eng, Member
   Title: Social network, Exploitation and Resistance: The Experience of Cambodian Migrants in Thailand
5. Jack Mitcham, PhD in Management Information Systems (School of Management), Member
   Title: Robust simulation modeling to aid in public policy decision making

Doctoral Students in Dissertation Proposal Stage:

1. Mary Krebs, Co-Chair (with Prof. Christian Weller)
2. Jessica Lillquist, PhD in Environmental Sciences (School for Environment), Member

Masters' Thesis and MPA Capstone Advisor:

1. Anne Conway, Disconnected Youth: A National Crisis, Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22, 2018 - May 9, 2018, Co-advised with Ann Bookman)
2. Anthony Morse, Finding Barriers to Building Affordable Housing, Public Policy & Public Affairs, PUBADM 691, 6 credit hours, completed. (January 22, 2018 - May 9, 2018).
3. Chadi Nadim, Municipal Use of Tax Incentives, Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22, 2018 – May 9, 2018).
4. Emily Neumann, Transforming Public Housing into Mixed-Income Housing: Pitfalls & Successes?, Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22, 2018 - May 9, 2018).
5. Jenna Connolly, LGBTQ Political Representation in Massachusetts Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22, 2018 - May 9, 2018,Co-advised with Professor Ann Bookman)
6. Marisela Ramirez, Latino/a's in the Teaching Workforce Analyzing the Issues That Create Barriers to Retention and Recruitment of Latino/a's, Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22,2018 - May 9, 2018).
7. Megan Elisabeth, Accountable Care Organizations and the Restructuring of Mass Health, Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22, 2018 - May 9, 2018).

8. Sylvia Singleton, Employee Moral: Examining Municipal Transportation Employee Satisfaction in BPS Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22, 2018 - May 9, 2018).
9. Thomas Nee, Split Commercial-Residential Property Tax Rates Public Policy & Public Affairs, PUBADM 697, 6 credit hours, completed. (January 22, 2018 - May 9, 2018).
10. Edith Mwita, PhD in Public Policy, has opted for thesis and terminal master's in public policy. In-progress.

Directed Readings, Internships Advisor, Summer Enrichment Supervisor:

1. Michael Baker, Summer 2022
2. Michael Baker, Spring 2022
3. Sokha Eng, Summer 2021
4. Michael Baker, Summer 2021
5. Jessica Lillquist, Fall 2020
6. Denisse Delgado Vazquez, Fall 2019
7. Namesh Killemsetty, Fall 2017
8. Kundan Mishra, Fall 2017
9. Mary Krebs, Spring 2016

International Co-teaching and Advising (graduate level), CEPT University, India

External Examiner for Doctoral Dissertation – 1 completed	2014
Advisor for Master's Thesis – 3 completed; 1 won global competition on urban poverty	2013 – 2015
Co-coordinator, *Inclusive City Sanitation Planning,* practical laboratory course	Spring 2013
Instructor, *Incorporating Human Behavior for Sustainable Development*, workshop	Fall 2011

Workshops and Invited Lectures for Graduate and Undergraduate Courses

Role of data, methods, and evidence in reducing public health disparities: case studies from India, in *International Epidemics: Focus on South Africa*, University of Massachusetts Boston	Spring 2020
Defining 'problems' from bottom-up to redefine solutions space: applications to slums, in *GISD 801: Innovations Seminar in Global Inclusion and Social Development*, University of Massachusetts Boston	Spring 2019
Succeeding in PhD program in Public Policy, Panelist in PUBP850 Professional Development Seminar, George Mason University	Spring 2017-2020
Slums as territories, in India Since 1857: Frontiers to Farmland	Spring 2017
Modeling spatio-temporally dynamic social systems: a case of slums, in ENVSCI 603: Coasts and Communities I, University of Massachusetts Boston	Fall 2016, 17
PUBP 555: Economics Math Camp, George Mason University	2013 – 2014
Agent-based modeling for policy analysis: applications in urban and regional development, in PUBP 811: Applied Methods in Regional Analyses and Transportation, George Mason University	Spring 2015
Multiple regression for healthcare analysis, in NU 590A: Healthcare Data Analysis, Marymount University	Fall 2014
Healthcare planning and resource management, Health Policy and Health Care Planning, Indian Institute of Public Health, Gandhinagar, India.	Fall 2014

Modeling slums, in CSS 645: Spatial Agent-based Modeling of Human-Environment Interactions, Department of Computational Social Science, George Mason University	Spring 2014
Not in focus: stories from Ahmedabad, an educational tour, in PUBP 503: Culture, Organization and Technology and PUBP 500: Global Political Economy, School of Public Policy, George Mason University	Fall 2013
Discrete event simulation and queuing models, in CSS 600: Introduction to Computational Social Science, Department of Computational Social Science, George Mason University	Spring 2013
Slum geography, in ANTH 396-003: Asian Megacities, College of Humanities and Social Sciences, George Mason University	Spring 2013
Spatial agent-based modeling of slums, in CSS645: Spatial Agent-based Modeling, Department of Computational Science, George Mason University	Spring 2012
Statistics for policy analysis, in PUBP704: Statistical Methods for Policy Analysis, School of Public Policy, George Mason University	Fall 2011
Residential segregation: causes and consequences, in PUBP710: Introduction to Housing Policy, School of Public Policy, George Mason University	Fall 2011
Use of geographic information systems in health care, in Seminar at the Center for Global Development, Washington, DC.	June 2009

Teaching Assistant (graduate courses), George Mason University

PUBP 714: Transportation and Health	Spring 2011
PUBP 710: Introduction to Housing Policy	Fall 2011
PUBP 704: Statistical Methods for Policy Analysis	Fall 2011
PUBP 754: GIS and Spatial Analysis for Public Policy	Spring 2010
PUBP 804 Multivariate Statistical Analysis in Public Policy (doctoral level)	Fall 2010
PUBP 704: Statistical Methods for Policy Analysis	Fall 2009

CERTIFICATES AND EXTENDED EDUCATION

Junior Faculty Research Seminar Office of Faculty Development, University of Massachusetts Boston	2017 – 2018
Center for Innovative Teaching Seminar Center for Innovative Teaching, University of Massachusetts Boston	Spring 2017
Preparing for the Careers in Academy (seminar course) Center for Teaching and Faculty Excellence, George Mason University	2012 – 2013
Liberty and the Art of Teaching (workshop) Institute for Humane Studies, George Mason University	2012
Statistical Methods in MATLAB (certificate course) MathWorks Inc.	2009

COMMUNITY OUTREACH

Opportunity Calling, Photo Exhibition at Founders Art Gallery, Curator (with Maggie Edwards), May 6, 2015 – August 9, 2015.

Not in Focus: Stories from Ahmedabad Slums, Photo exhibition at Founders Art Gallery, Curator, October 1, 2013 – November 3, 2013.

MEDIA COVERAGE

Daily World. (01.06.2021). Urban Housing Shortage is on Rise in India.

Harvard University's Center for International Development Podcast series. (2019). Empowering Women in South Asia's Slums: The Challenges of Environmental Degradation. https://www.podbean.com/media/share/dir-xfsxs-6284716?utm_campaign=w_share_ep&utm_medium=dlink&utm_source=w_share

Case Centre, UK (2018). Featured Case: Making Ahmedabad Slum-free. https://www.thecasecentre.org/educators/ordering/selecting/featuredcases/Ahmedabad

Icelandic National Broadcasting Service. (10.28.2013). Milljarður manna býr í fátækrahverfum (Billion people living in slums).

Ahmedabad Mirror. (10.12.2013). CEPT takes City Slums to US.

CEPT University News. (09.26.2013). Not in Focus: Stories from Ahmedabad Slums.

School of Public Policy Currents Magazine. (10.29.2013). Mason Policy PhD Wins Honorary Dissertation of the Year…Twice.

Mason Research Magazine. (2013). PhD Student Develops Modeling Program to Help with India's Housing Problems.

PROFESSIONAL SERVICE

Editorships and Editorial Board Memberships

• Guest Editor, *Environment and Planning B: Urban Analytics and City Science*'s Special Issue on Water, Sanitation and Hygiene (WASH) Technologies and Governance in Urban Development (special issue sponsored by the Asian Development Bank Institute and Bill and Melinda Gates Foundation)	2021 – 2022
• Academic Editor and Editorial Board Member, *PLOS ONE*	2020 – Current
• Article Editor, *SAGE Open*	2014
• Editorial Board Member, *Housing and Society*	2019 – Current
• Editorial Board Member, *Journal of World Medical and Health Policy*	2013 – Current

Manuscript Reviewer for Academic Journals

African Development Review	*Housing Studies*
Cities	*Journal of Architectural Education*
Cities and Health	*Journal of Artificial Societies and Social Simulation*
Community Practice	*Journal of Community Practice*
Complex Adaptive Systems Modeling	*Journal of Royal Society Interface*
Computers, Environment, and Urban Systems	*Journal of World Medical and Health Policy*
Environment and Planning B	*Local Environment*
Environmental Modeling and Software	*Papers in Regional Science*
Geo Journal	*Regional Science Policy and Practice*
Habitat International	*Social Indicators Research*
Heliyon	*Urban Studies*
Housing and Society	*Urban Research and Practice*

Housing Policy Debate   *Water International*

Reviewer for Grant Proposals

Israel Science Foundation (ISF)
The Netherlands Organisation for Scientific Research (Declined due to conflict of interest)

Conference and Panel Organizations

Coordinator and Panelist, *Graduate Student Professional Development Workshop: The Dissertation*, Urban Affairs Association Professional Development Seminar Series: April 26th, 2023.

Panelist, *Graduate Student Professional Development Workshop: The job search*, Urban Affairs Association Professional Development Seminar Series: April 26th, 2023.

Panelist, *Graduate Student Professional Development Workshop: The Dissertation*, Urban Affairs Association Professional Development Seminar Series: April 12, 2022.

Panelist, *Graduate Student Professional Development Workshop: The job search*, Urban Affairs Association Professional Development Seminar Series: April 12, 2022.

Panelist, *The COVID-19 lockdown papers: insights, reflections and implications for urbanism and city planning*, 17th International Conference on Urban Health, Transforming our Collective Urban Future: Learning from COVID-19, 6-8 July 2021, Online.

Panelist, *The job search: advice to PhD students and early career professionals from colleagues at different career stages*, Urban Affairs Association Webinar Series: April 22nd, 2021, Online.

Co-chaired the symposium *Organs for Transplant: Expanding Sources and Ethical Considerations*, March 9th, 2017, George Mason University, Arlington, VA.

Co-organized 4 sessions and chaired a session titled Agent-based & cellular automata models for geographical systems, at the *Association of American Geographers (AAG) Annual Meeting*, 9th - 13th April 2013, Los Angeles, CA.

Co-organized a conference titled *Cities at the Center of the World* and organized and chaired a panel titled Slums, globalization and urban adaptation, April 22, 2014 at the Woodrow Wilson Center for International Scholars, Washington, DC.

Professional Memberships

- Urban Affairs Association (UAA)
- Association of Public Policy and Management (APPAM)
- American Sociological Association + Community and Urban Sociology Section

DEPARTMENT, COLLEGE, AND UNIVERSITY SERVICE

Department of Public Policy and Public Affairs

NASPAA Accreditation Committee, University of Massachusetts Boston, Member	2015 – 2018
MPA Admissions Committee, Member	2016 – 2017
MPA Program Committee, University of Massachusetts Boston, Member	2015 – 2019, 2022
Global Comparative Public Administration Program Committee, Member	2015 – 2017
Pi Alpha Alpha Honor Society (NASPAA), UMass Chapter Faculty Advisor	2016 – 2018, 2021, 22

PhD Comprehensive Exam Committee, Chair	2022
PhD Academic Affairs Committee, Member	2021, 22
PhD in Public Policy Program Committee, Member	2015 – 2017, 2019
PhD Comprehensive Exam Committee, Member	2017, 2019 – 21
PhD Admissions Committee, Member	2015, 2017, 2019, 2021

McCormack Graduate School of Policy and Global Studies

Faculty Council Representative	2023 – Current
McCormack Research Committee, Member	2020 – Current
Associate Dean of McCormack Graduate School Search Committee, Member	2017

University of Massachusetts Boston

School for Environment, Affiliate Faculty	2021 – Current
Sustainable Solutions Lab, Affiliate Faculty	2018 – Current
Public Health Graduate Program Development Proposal, Invitee	2016 – 2017

Former Service at George Mason University

Policy Simulations Working Group, Founding Member, George Mason University	2013 – 2015
Cities and Globalization Working Group, Founding Member, George Mason University	2012 – 2015
School of Public Policy Graduate Student Research Conference (Now APPAM Graduate Student Conference), Founding Chair, George Mason University	Spring 2012
SPP PhD Workshops Committee, Member, George Mason University	2010 – 2011
Volunteer Mentee for PhD students, School of Public Policy, George Mason University	2009 – 2012