

Shin Bin Tan

shinbin@nus.edu.sg

- Education**
- PhD in Urban and Regional Planning* March 2021
Massachusetts Institute of Technology, Department of Urban Studies & Planning
Advisor: Mariana C. Arcaya
- Master in City Planning* 2017
Massachusetts Institute of Technology, Department of Urban Studies & Planning
- B.A., Sociology with Latin Honors magna cum laude* 2007
Wellesley College, MA, USA
- Work Experience**
- Assistant Professor* August 2022 - Present
Lee Kuan Yew School of Public Policy, National University of Singapore
- Postdoctoral Fellow* April 2021 - August 2022
Lee Kuan Yew School of Public Policy, National University of Singapore
- Research Associate* 2013 - 2015
Lee Kuan Yew School of Public Policy, National University of Singapore
- Executive Urban Planner* 2007- 2013; 2014-2015
Urban Redevelopment Authority (URA), Singapore's land use planning agency
- Journal Publications**
- Shin Bin Tan**, Andrew Binet, Phil Thompson, Mariana Arcaya "Health Equity as a Guide for Urban Planning", *Journal of Planning Literature*, February 2024, <https://doi.org/10.1177/08854122231226279>
- Shin Bin Tan** "Do Ethnic Integration Policies also Improve Socioeconomic Integration? A Study of Residential Segregation in Singapore" *Urban Studies*, March 2023, 60(4), 696717. <https://doi.org/10.1177/00420980221117918>
- Shin Bin Tan** "Changes in Neighborhood Environments and the Increasing Socioeconomic Gap in Child Obesity Risks: Evidence from Singapore" *Health & Place*, July 2022, <https://doi.org/10.1016/j.healthplace.2022.102860>.
- Shin Bin Tan**, Borame L. Dickens, Andres Sevtsuk, Siqu Zheng et al "Exploring how socioeconomic status affects neighbourhood environments effects on obesity risks: A longitudinal study in Singapore", *Landscape & Urban Planning*, October 2022, <https://doi.org/10.1016/j.landurbplan.2022.104450>
- Shin Bin Tan**, Mary Waters, Mariana Arcaya "Analyzing the long-term impact of post-disaster relocation and implications for housing and disaster policy", *International Journal of Disaster Risk Reduction*, February 2022, <https://doi.org/10.1016/j.ijdrr.2021.102765>
- Shin Bin Tan**, Colleen Chiu & Fabio Duarte, "From SARS to COVID - 19: Digital Infrastructures of Surveillance and Segregation in Exceptional Times", *Cities*, October 2021, <https://doi.org/10.1016/j.cities.2021.103486>.

Shin Bin Tan, “Measuring Community Resilience: A Critical Analysis of A Policy-Oriented Indicator Tool”, *Environmental and Sustainability Indicators*, August 2021, <https://doi.org/10.1016/j.indic.2021.100142>

Shin Bin Tan, Priyanka DeSouza & Matthew Raifman, “Structural Racism and COVID-19 in the U.S: A county-level empirical analysis”, *Journal of Racial and Ethnic Health Disparities*, 19 January 2021, <https://doi.org/10.1007/s40615-020-00948-8>

Shin Bin Tan & Mariana C. Arcaya, “Where we eat is who we are: a survey of food-related travel patterns to Singapore’s hawker centers, food courts and coffee shops”, *International Journal of Behavioral Nutrition and Physical Activity*, October 2020, 17, 132. <https://doi.org/10.1186/s12966-020-01031-5>

Shin Bin Tan & Edward Ti, “What is the Value of Built Heritage Conservation? Assessing Spillover Effects of Conserving Historic Sites in Singapore”, *Land Use Policy*, Volume 91, February 2020, <https://doi.org/10.1016/j.landusepol.2019.104393>.

Andrew Binet & **Shin Bin Tan**, “Practices of Health in Unruly Environments”, *Projections*, MIT Press, Volume 15, October 2020, <https://doi.org/10.1162/00c13b77.b9ad539e>

Sarah Williams, Wenfei Xu, **Shin Bin Tan**, Mike Foster & Changping Chen, “Ghost Cities of China: Identifying Urban Vacancy through Social Media Data” *Cities*, Volume 94, November 2019, <https://doi.org/10.1016/j.cities.2019.05.006>

Shin Bin Tan, P.Christopher Zegras, Erik Wilhelm, Mariana C. Arcaya, “Evaluating the effects of active morning commutes on students’ overall daily walking activity in Singapore: Do walkers walk more?”, *Journal of Transport & Health*, Volume 8, 2018, <https://doi.org/10.1016/j.jth.2018.01.002>.

WORKING PAPERS

Shin Bin Tan, William Tov, Paulin Straughan “Silver Zones, Social Participation and Social Satisfaction: Assessing the impact of traffic calming measures on elderly well-being”

Book Chapters

Shin Bin Tan, Wenfei Xu, & Sarah Williams, “Housing Markets, Residential Sorting and Spatial Segregation in Chinese Cities”, in Weiping Wu & Qin Gao (Eds.) *China Urbanizing: Impacts and Transitions*, University of Pennsylvania Press, 2023. <https://doi.org/10.2307/j.ctv28m3n40.6>

Shin Bin Tan “Managing the Sin in Singapore’s Casinos” in Jean Chia & Chan Jia Hao (Eds.) *Rethinking the Status Quo: Public Policy Case Studies on Singapore*, Lee Kuan Yew School of Public Policy, 2021.

Shin Bin Tan & Donald Low, “Re-Examining Singapore’s Urban Planning and Governance Framework” in Stephen Hamnett & Belinda Yuen (Eds.) *Planning Singapore: The Experimental City, 1st Edition*, Routledge, 2019.

Presentations

“The National Science Experiment: Evidence on Students’ Active Commuting” *Future Urban Mobility Symposium 2017*

“Singapore: A Food Paradise For Everyone?” *American Association of Geographers Annual Meeting 2018*

“Obesogenic urban environments: An assessment of socio-spatial disparities in a South East Asian context” *American Association of Geographers Annual Meeting 2019*

“Geography of Inequality” *Panel discussion at LKYSPP’s Festival of Ideas 2022*

**Awards
Honors
Grants**

Ministry of Social and Family Development’s Social And Family Research Fund 2023-2026
LKYSPP Social Mobility Foundation Research Fund 2023-2024
National University of Singapore Overseas Graduate Scholarship 2017-2021
Harold Horowitz (1951) Student Research Fund Award 2019
Bill Mitchell ++ Fund Award 2019
MIT Presidential Fellowship 2017-2018
MIT Fellowship Award 2015-2017
Urban Redevelopment Authority’s Undergraduate Scholarship 2003-2006

Service

Early Career Editorial Board Member 2022-present
Health & Place
Wellbeing, Space and Society

Reviewer 2018-present
Landscape and Urban Planning, Health and Place, Journal of Urban Health, SSM
Population Health, Preventive Medicine, Journal of Racial and Ethnic Health Disparities, PLOSONE, Journal of Regional Science, Humanities & Social Sciences Communications

Teaching

Policies for Healthy Cities, LKYSPP NUS , Fall 2023
Population Health and Social Policies, LKYSPP NUS, Spring 2024
Urban Interventions, LKYSPP NUS, Summer 2024
Introduction to Spatial Analysis, DUSP MIT , Fall 2018 (Lab Instructor)
Workshop on Geographic Information Systems, DUSP MIT , Fall 2018 (Lab Instructor)

Skills

Proficient in R, Python, Stata, MPlus, SQL, ArcGIS, QGIS, \LaTeX , NVivo, and Adobe Suite (Photoshop, Illustrator, InDesign)
Working knowledge of web development languages HTML, Javascript, PHP, CSS
Fluent in spoken and written English and Mandarin