

# Shin Bin Tan

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## 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

Xu, L., Meng, D., **Tan, S. B.**, Li, J., Zhang, X., Neurological benefits of third places for young adults in healthy urban environments *Frontiers of Architectural Research* Oct 2025, <https://doi.org/10.1016/j.foar.2025.01.008>.

**Shin Bin Tan**, Jamie W. McCaughey, Sabine Loos, Nasala Maharjan, Sanjana Tade-palli, Feroz Khan, and David Lallemand. "Seen and unseen vulnerabilities: Evaluating recovery from the 2015 Nepal earthquake to inform more equitable post-disaster needs assessments." *International Journal of Disaster Risk Reduction* December 2024, <https://doi.org/10.1016/j.ijdr.2024.105021>

**Shin Bin Tan**, William Tov, and Paulin Straughan. Do Pedestrian Safety Improvements Affect Older Adults Health and Social Outcomes Equitably? A Quasi Experiment in Singapore. *Journal of Transport & Health*, September 2024, <https://doi.org/10.1016/j.jth.2024.101877>.

**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>

Grace Chua., Shannon Ang., and **Shin Bin Tan**, "More than minority: Social tolerance and youth wellbeing at the intersection of ethnicity and neighbourhood segregation", *Health & Place*, 2024, 88, 103252. <https://doi.org/10.1016/j.healthplace.2024.103252>

**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, Siqi 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>.

#### **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*

“Understanding Attitudes and Managing Disruption: Involuntary Relocation of Rental Flat Residents” *Social Service Research Centre Seminar, 2025*

“Centering Equity in Healthy Cities” *CLC-UNDP webinar Healthy Cities by Design: Green Infrastructure and Climate Resilience, 2025*

**Awards  
Honors  
Grants**

2025 Teaching Excellence Award NUS Humanities and Social Science Seed Fund 2024-2026

Ministry of Social and Family Development’s Social And Family Research Fund 2023-2026

LKYSPP Social Mobility Foundation Research Fund 2023-2025

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**

Editorial Board Member 2022-present  
Health & Place

Reviewer Landscape and Urban Planning, Health and Place, Journal of Urban Health, Nature Cities, Cities, SSM Population Health, Preventive Medicine, Journal of Racial and Ethnic Health Disparities, PLOS ONE, Journal of Regional Science, Humanities & Social Sciences Communications

**Teaching**

Policies for Healthy Cities, LKYSPP NUS  
Population Health and Social Policies, LKYSPP NUS

Urban Interventions, LKYSPP NUS

**Skills**

R, Python, Stata, SQL, ArcGIS, QGIS,  $\LaTeX$ , MAXQDA  
Fluent in spoken and written English and Mandarin