

Shin Bin Tan

shinbin@nus.edu.sg

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| Education | <i>PhD in Urban and Regional Planning</i> | March 2021 |
| | Massachusetts Institute of Technology, Department of Urban Studies and Planning | |
| | Advisor: Mariana C. Arcaya | |
| | <i>Master in City Planning</i> | 2017 |
| | Massachusetts Institute of Technology, Department of Urban Studies and Planning | |
| | <i>B.A., Sociology with Latin Honors magna cum laude</i> | 2007 |
| | Wellesley College, MA, USA | |
| Work Experience | <i>Postdoctoral Fellow</i> | April 2021 - Present |
| | Lee Kuan Yew School of Public Policy, National University of Singapore | |
| | <i>Senior Tutor</i> | Sept 2017 - April 2021 |
| | Lee Kuan Yew School of Public Policy, National University of Singapore | |
| | <i>Research Associate</i> | 2013 - 2015 |
| | Lee Kuan Yew School of Public Policy, National University of Singapore | |
| | <i>Executive Urban Planner</i> | 2007- 2013; 2014-2015 |
| | Urban Redevelopment Authority (URA), Singapore's land use planning agency | |
| Journal Publications | 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", <i>Landscape & Urban Planning</i> , <i>Accepted</i> | |
| | Shin Bin Tan , Mary Waters, Mariana Arcaya "Analyzing the long-term impact of post-disaster relocation and implications for housing and disaster policy", <i>International Journal of Disaster Risk Reduction</i> , 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", <i>Cities</i> , 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", <i>Environmental and Sustainability Indicators</i> , 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>.

Shin Bin Tan “Do Ethnic Integration Policies also Improve Socioeconomic Integration? A Study of Residential Segregation in Singapore” *Revise and Resubmit*

Shin Bin Tan “Changes in Neighborhood Environments and the Increasing Socioeconomic Gap in Child Obesity Risks: Evidence from Singapore” *Under Review*

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, 2022

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, “Singapore’s Urban Planning and Governance Framework: Re-examining the Mould that Made the City” in Stephen Ham-

nett & Belinda Yuen (Eds.) *Planning Singapore: The Experimental City, 1st Edition*, Routledge, 2019.

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| Presentations | “The National Science Experiment: Evidence on Students’ Active Commuting” <i>Future Urban Mobility Symposium 2017</i> | |
| | “Singapore: A Food Paradise For Everyone?” <i>American Association of Geographers Annual Meeting 2018</i> | |
| | “Obesogenic urban environments: An assessment of socio-spatial disparities in a South East Asian context” <i>American Association of Geographers Annual Meeting 2019</i> | |
| Awards | <i>National University of Singapore Overseas Graduate Scholarship</i> 2017-2021 | |
| Honors | <i>Harold Horowitz (1951) Student Research Fund Award</i> | 2019 |
| Grants | <i>Bill Mitchell ++ Fund Award</i> | 2019 |
| | <i>MIT Presidential Fellowship</i> | 2017-2018 |
| | <i>MIT Fellowship Award</i> | 2015-2017 |
| | <i>Urban Redevelopment Authority’s Undergraduate Scholarship</i> | 2003-2006 |
| Service | <i>Student Editor</i> | 2019-2020 |
| | Projections, MIT’s Journal of Planning, 2020 Edition: “Practices of Health in Unruly Environments” | |
| | <i>Reviewer</i> | 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, Humanities & Social Sciences Communications | |
| Teaching | <i>Lab Instructor</i> | Fall 2018 |
| | Introduction to Spatial Analysis, DUSP MIT ; Workshop on Geographic Information Systems, DUSP MIT | |
| | <i>Participant</i> | Fall 2020 |
| | Kaufman Teaching Certificate Program, MIT | |
| Skills | Proficient in R, Python, Stata, MPlus, SQL (PostgreSQL), ArcGIS, QGIS, L ^A T _E X, 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 | |