

# Shin Bin Tan

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- EDUCATION** *PhD in Urban and Regional Planning* March 2021  
Massachusetts Institute of Technology, Department of Urban Studies and Planning  
Advisor: Mariana C. Arcaya
- Master in City Planning* 2017  
Massachusetts Institute of Technology, Department of Urban Studies and Planning
- B.A., Sociology with Latin Honors magna cum laude* 2007  
Wellesley College, MA, USA
- PROFESSIONAL EXPERIENCE** *Postdoctoral Fellow* April 2021 - Present  
Lee Kuan Yew School of Public Policy, National University of Singapore
- Senior Tutor* Sept 2017 - April 2021  
Lee Kuan Yew School of Public Policy, National University of Singapore
- Executive Urban Planner* 2007- 2015  
Urban Redevelopment Authority (URA), Singapore's land use planning agency
- JOURNAL PUBLICATIONS** **Shin Bin Tan**, Colleen Chiu & Fabio Duarte, "From SARS to COVID - 19: Digital Infrastructures of Surveillance and Segregation in Exceptional Times", *Cities*, October 2021, 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, Pages 275-285, <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, Pages 220-243, <https://doi.org/10.1016/j.jth.2018.01.002>.

**Shin Bin Tan**, Mary Waters, Mariana Arcaya “Analyzing the long-term impact of post-disaster relocation and implications for housing and disaster policy” , Revise and Resubmit

**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”, *Under Review*

**Shin Bin Tan** “Do Ethnic Integration Policies also Improve Socioeconomic Integration? A Study of Residential Segregation in 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 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*

## AWARDS HONORS GRANTS

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

*Student Editor* 2019-2020  
Projections, MIT’s Journal of Planning, 2020 Edition: “Practices of Health in Unruly Environments”

*Reviewer* 2018-present  
Health and Place, Journal of Urban Health, SSM Population Health, Preventive Medicine, Journal of Racial and Ethnic Health Disparities, Humanities & Social Sciences Communications

<b>TEACHING</b>	<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	
<b>SKILLS</b>	Proficient in R, Python, Stata, MPlus, SQL (PostgreSQL), ArcGIS, QGIS, L <sup>A</sup> T <sub>E</sub> 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	