

Shin Bin Tan

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Cambridge, MA 02142
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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
- Urban Planner* 2007- 2015
Urban Redevelopment Authority (URA), Singapore's national land use planning agency
- JOURNAL PUBLICATIONS** **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, 104393, <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 Zengras, 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, Colleen Chiu & Fabio Duarte, “From SARS to COVID - 19: Digital Infrastructures of Surveillance and Segregation in Exceptional Times”, Revise and resubmit.

Shin Bin Tan, “Measuring Community Resilience: A Critical Analysis of A Policy-Oriented Indicator Tool”, Revise and resubmit.

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

WORKING PAPERS

Shin Bin Tan, Mariana Arcaya “Health Equity is an Urban Planning Priority”

Shin Bin Tan, Mary Chong, Borame Dickens, Andres Sevtsuk, Zeng Kangwei, Siqu Zheng, Alex Cook, Mary Chong, Mariana Arcaya, “Neighborhood Environments, Socioeconomic Vulnerability and Obesity”

Shin Bin Tan “Spatial Segregation in Singapore”

BOOK CHAPTERS

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.

Shin Bin Tan, Wenfei Xu, & Sarah Williams, “Housing Markets, Residential Sorting and Spatial Segregation in Chinese Cities”, chapter in edited volume for Penn Press, Accepted.

CONFERENCE PRESENTATIONS

“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

<i>National University of Singapore Overseas Graduate Scholarship</i>	2017-2021
<i>Harold Horowitz (1951) Student Research Fund Award</i>	2019
<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

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

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, \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	