

## Shin Bin Tan

---

77 Massachusetts Avenue  
Cambridge, MA 02142  
shinbin@mit.edu

- 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>.

	<p><b>Shin Bin Tan</b>, Colleen Chiu &amp; Fabio Duarte, “ From SARS to COVID - 19: Digital Infrastructures of Surveillance and Segregation in Exceptional Times”, Revise and resubmit.</p> <p><b>Shin Bin Tan</b>, “Measuring Community Resilience: A Critical Analysis of A Policy-Oriented Indicator Tool”, Revise and resubmit.</p> <p><b>Shin Bin Tan</b>, Mary Waters, Mariana Arcaya “Analyzing the long-term impact of post-disaster relocation and implications for housing and disaster policy” , Submitted</p>	
<b>BOOK CHAPTERS</b>	<p><b>Shin Bin Tan</b> &amp; Donald Low, “Singapore’s Urban Planning and Governance Framework: Re-examining the Mould that Made the City” in Stephen Hamnett &amp; Belinda Yuen (Eds.)<i>Planning Singapore: The Experimental City, 1st Edition</i>, Routledge, 2019.</p> <p><b>Shin Bin Tan</b>, Wenfei Xu,&amp; Sarah Williams, “Housing Markets, Residential Sorting and Spatial Segregation in Chinese Cities”, chapter in edited volume for Penn Press, Accepted.</p>	
<b>CONFERENCE PRESENTATIONS</b>	<p>“Singapore: A Food Paradise For Everyone?” <i>American Association of Geographers Annual Meeting 2018</i></p> <p>“Obesogenic urban environments: An assessment of socio-spatial disparities in a South East Asian context” <i>American Association of Geographers Annual Meeting 2019</i></p>	
<b>AWARDS HONORS GRANTS</b>	<p><i>National University of Singapore Overseas Graduate Scholarship</i></p> <p><i>Harold Horowitz (1951) Student Research Fund Award</i></p> <p><i>Bill Mitchell ++ Fund Award</i></p> <p><i>MIT Presidential Fellowship</i></p> <p><i>MIT Fellowship Award</i></p> <p><i>Urban Redevelopment Authority’s Undergraduate Scholarship</i></p>	<p>2017-2021</p> <p>2019</p> <p>2019</p> <p>2017-2018</p> <p>2015-2017</p> <p>2003-2006</p>
<b>SERVICE</b>	<p><i>Student Editor</i></p> <p>Projections, MIT’s Journal of Planning, 2020 Edition: “Practices of Health in Unruly Environments”</p> <p><i>Reviewer</i></p> <p>Health and Place, Journal of Urban Health, SSM Population Health, Preventive Medicine, Journal of Racial and Ethnic Health Disparities, Humanities &amp; Social Sciences Communications</p>	<p>2019-2020</p> <p>2018-present</p>
<b>TEACHING</b>	<p><i>Lab Instructor</i></p> <p>Introduction to Spatial Analysis, DUSP MIT ;</p> <p>Workshop on Geographic Information Systems, DUSP MIT</p> <p><i>Participant</i></p> <p>Kaufman Teaching Certificate Program, MIT</p>	<p>Fall 2018</p> <p>Fall 2020</p>
<b>SKILLS</b>	<p>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)</p>	

Working knowledge of web development languages HTML, Javascript, PHP, CSS  
Fluent in spoken and written English and Mandarin