Shin Bin Tan

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

EDUCATION

PhD Candidate (advisor: Mariana C. Arcaya) September 2017 - Present
Massachusetts Institute of Technology, Department of Urban Studies and Planning

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

Senior Tutor Sept 2017 - Present
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

- Part of core team coordinating Singapore's Concept Plan, the national long-term strategic land use and infrastructure plan
- Developed a sustainability framework to guide land-use planning processes at national and district level
- Oversaw the drafting of a cycling master-plan for Singapore's city centre
- Oversaw a 2-year multi-disciplinary, multi-agency consultancy study to develop a sustainability framework and cross-sectoral, integrated strategies for Singapore's Marina Bay district, the future extension of the Central Business District
- Collaborated with local universities on sustainability related research and carried out in-house geospatial analysis (e.g. travel patterns; accessibility and affordability of food)

PUBLICATIONS

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.

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, 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.

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 & Mariana C. Arcaya, "Where We Eat is Who We Are: A Survey of Food-related Travel Patterns in Singapore", Journal article, Under revision

Shin Bin Tan, Colleen Chiu & Fabio Duarte, " From SARS to COVID - 19: Digital Infrastructures of Surveillance and Segregation in Exceptional Times", Journal article, Under review.

Shin Bin Tan, Wenfei Xu,& Sarah Williams, "Housing Markets, Residential Sorting and Spatial Segregation in Chinese Cities", chapter in edited volume for Weatherhead East Asian Institute, Columbia Press, submitted

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	*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	

TEACHING EXPERIENCE	*Lab Instructor*	Fall 2018
	Introduction to Spatial Analysis, DUSP MIT ; Workshop on Geographic Information Systems, DUSP MIT	

SKILLS	Proficient in R, Python, Stata, MPlus, SQL (PostgresSQL), 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