

## **Columbia GSAPP Aging Tokyo Workshop**

### **Faculty:**

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### **Location:**

Tokyo, Japan

### **Dates:**

Monday, July 17, 2017 through Friday, July 21, 2017 in New York City

Monday, July 24, 2017 through Friday, August 4, 2017 in Tokyo

Due to the world's highest life expectancy and lowest fertility rate, nearly one quarter of Japan's population is currently over the age of 65. Japan's population is shrinking and becoming more elderly. By 2100, Tokyo's population is forecast to drop from thirteen million to seven million people. At that time, Tokyo's population over 65 is expected to equal the "working age population" of those between the ages of 15 to 64, a radical shift in the proportion of those engaged in labor. This signifies a fundamental transformation in not only social and economic structures, but also urban form and architectural typologies of housing.

During the summer of 2017, in collaboration with faculty and students from Waseda University, Aging Tokyo will investigate the future of Tokyo based on shifting demographics and longer human lifespans. The workshop will observe how aging currently impacts the city and its periphery, identify broader trends and opportunities, and locate specific sites and case studies that reveal critical challenges facing the future of Tokyo. The workshop will focus primarily on new forms of housing instigated by aging, but also touch upon broader issues such as mobility, leisure, and de-densification.

This workshop will be the first in a series of two and is anticipated to eventually culminate in a publication. The broader project is concerned not only with observation and analysis but also the design of speculative prototypes and proposals. Nonetheless, research in this initial phase, primarily conducted through original drawings, will mainly focus on what exists or is implied through existing demographics. The outcome of the summer workshop will be captured in a booklet and exhibition on the 4<sup>th</sup> floor of Avery Hall at Columbia University in August.

### **Expanded or broader questions**

- In Japan, forms of elderly housing and aging communities (supportive housing, assisted housing, nursing homes, etc.) are already established, albeit insufficient. Globally, knowledge and expertise is now concentrated in Japan, the UK, Scandinavia, and to a lesser extent, the US. However, the global population boom in aging will affect the developing world much more dramatically than the developed world. Combined with more recent ruptures to traditional family and social structures, expertise and knowledge about senior housing will become imperative in other Asian countries like China, Indonesia, Malaysia, the Philippines, etc. Can knowledge from Japan and its models be exported?
- Due to urban migration, the most profound impacts of aging in Japan and elsewhere will be felt in (depopulated) rural areas rather than cities. What is the future of these territories?
- Demographic shifts and aging populations, combined with other factors such as de-industrialization, outsourcing, and/or automation, suggests future cities where a majority of people no longer work. As labor changes and the office is no longer the fundamental building type of urban centers, how will future cities change? Is leisure the new fundamental activity of cities?
- Studies of environments for elderly people establish connections between materials, texture, color, light, and spatial organizations as they relate to human biological, mental, physiological,

and perceptual (vision, sight, hearing, smell) phenomenon. In a sense, this design territory may connect to early Modernist obsessions about health and architectural performance, epitomized by architects such as Alvar Aalto. What are the broader disciplinary implications and opportunities of elderly housing?

#### Challenges and clichés to avoid

- Access to information which may be solely published in Japanese
- Repetition of demographic and statistical realities
- Anthropological or social sciences approach
- Corporate “expertise” (i.e. Perkins Eastman) and specialization towards prescriptive guidelines for aging housing
- Research becomes geographic or typologically focused

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Allison Arieff "A Housing Crisis for Seniors" The New York Times, January 28, 2017.

Brasor, Philip and Masako Tsubuku. "For elderly residents, city life doesn't get old." The Japan Times September 32, 2016. <http://www.japantimes.co.jp/community/2016/09/03/how-tos/elderly-residents-city-life-doesnt-get-old>. Accessed 18 July 2017.

Christian Schittich, Ed. Housing for people of all ages: flexible, unrestricted, senior-friendly. Basel: Birkhäuser, 2007.

Eckhard Feddersen, Insa Lüdtké. Living for the Elderly: A Design Manual. Basel: Birkhäuser, 2012.

Detail, May/June 3:2017 "Housing for Seniors"

Hollwich, Matthias, and Bruce Mau Design. New Aging: Live Smarter Now to Live Better Forever. Penguin Random House, 2016.

Kose, Satoshi. "Housing elderly people in Japan" Ageing International. December 1997, Volume 23, Issue 3, pp 148–164.

Mochizuki, Takashi. "Shrinking, Aging Tokyo." The Wall Street Journal. N.p., Sept 4, 2012. Web: <http://blogs.wsj.com/japanrealtime/2012/09/04/shrinking-aging-tokyo-2/>.

Oosterman, Arjen, Ed. "Aging" Volume 27: 2011.

Rodwin, Victor G., and Michael K. Gusmano, Eds. Growing older in world cities : New York, London, Paris, and Tokyo. Nashville: Vanderbilt University Press, 2006.

Simpson, Deane. Young-Old: Urban Utopias of an Aging Society. Zurich: Lars Muller Publishers: 2015.

Soble, Jonathan. "A Sprawl of Ghost Homes in Aging Tokyo Suburbs" The New York Times, August 23, 2015.

United Nations Population Fund (UNFPA), New York. "Ageing in the Twenty-First Century: A Celebration and A Challenge." 2012.

Wikipedia. Aging of Japan. [https://en.wikipedia.org/wiki/Aging\\_of\\_Japan](https://en.wikipedia.org/wiki/Aging_of_Japan). Accessed 02/14/2017.

Arup, Shaping Ageing Cities. 10 European case studies

Design for Aging Review 11. "Insights and Innovations: The State of Senior Housing"

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2017-07-28 Schedule (updated)

Date	Time	
Monday, 07/17	7:00-8:30pm	Kickoff Meeting, Only If, 545 Eighth Avenue #650, New York, NY
Tuesday, 07/18		Students work in 4 teams (through Friday)
Wednesday, 07/19	5:00-6:00pm	Presentation by Matthias Hollwich, HWKN, 1 Whitehall Street, 14 <sup>th</sup> Floor, New York, NY
Thursday, 07/20		
Friday, 07/21	5:00-7:00pm	Student Presentations of Initial Research, Columbia GSAPP, Avery 504
Saturday, 07/22		Travel to Tokyo
Sunday, 07/23		
Monday, 07/24	10:00am (GMT+9)	Tokyo Kickoff & student Presentations with Waseda at Keigo Kobayashi Lab, Room 801, Building 55, Art and Architecture School, Waseda University
	12:00pm	lunch at Waseda
	1:00pm	leave from Waseda, JR Chuo-Sobu Line (local) from Okubo Station to Kōenji Station
	2:00pm	Walking Tour Koenji <ul style="list-style-type: none"> <li>• Suo Fujimoto, House NA (2012)</li> <li>• Toyo Ito, Za-Koenji Public Theatre (2009)</li> </ul>
	3:00pm	leave from Koenji, JR Chuo-Sobu Line (local) from Kōenji Station to Harajuku <ul style="list-style-type: none"> <li>• Kenzo Tange: Yoyogi National Gymnasium (1964)</li> </ul>
	3:30pm	Walking Tour Harajuku - Omotesando - Aoyama - Shibuya <ul style="list-style-type: none"> <li>• SANAA: hhstyle.com (2000)</li> <li>• Tadao Ando: hhstyle.com Annex (2005)</li> <li>• Hiroshi Nakamura (NAP): Tokyu Plaza (2012)</li> <li>• MVRDV, Gyre Shopping Center (2007)</li> <li>• SANAA: Dior Omotesando (2003)</li> <li>• Tadao Ando: Omotesando Hills (2006)</li> <li>• Jun Aoki: Louis Vuitton Omotesando (2002)</li> <li>• Toyo Ito: Tod's Omotesando (2004)</li> <li>• OMA: Coach Omotesando (2012)</li> <li>• Fumihiko Maki, Spiral (1985)</li> <li>• SANAA: Carina Store (2009)</li> <li>• Herzog &amp; de Meuron: Miu Miu Aoyama Store (2015)</li> <li>• Herzog &amp; de Meuron: Prada Aoyama (2003)</li> <li>• Kengo Kuma: SunnyHills Cake Shop (2013)</li> <li>• Yoshihiko Yoshihara: R-minamiaoyama (2006)</li> <li>• Kazuyo Sejima: Small House (1999) Minato, Kitaaooyama, 2 Chome- 1 0 - 1 6</li> </ul>
Tuesday, 07/25	8:45am	Arrive at Atelier Bow-Wow
	9:00-9:30am	Visit to Atelier Bow-Wow, Shinjuku-ku, Sugachō, 8-7 9
	10:00am	Train to Ginza <ul style="list-style-type: none"> <li>• Imperial Palace East Gardens</li> </ul>
	11:00am	Visit to The Japanese House: Architecture and Life after 1945 at the Museum of Modern Art Tokyo
	2:00pm	Walking Tour Chiyoda / Ginza <ul style="list-style-type: none"> <li>• Rafael Viñoly: Tokyo International Forum (1997)</li> <li>• Toyo Ito: Mikimoto Ginza 2 (2005)</li> <li>• Renzo Piano Building Workshop: Maison Hermès (2001) and Gallery</li> <li>• Shigeru Ban: Nicolas G. Hayek Center (2006)</li> <li>• Shizuoka Press and Broadcasting Center by Kenzo Tange (1967)</li> </ul>
		Yamanote Line to Tamachi Station <ul style="list-style-type: none"> <li>• Kenzo Tange: Embassy of Kuwait (1970)</li> <li>• Kazuyo Sejima: Shibaura House Office (2011)</li> </ul>
	5:00pm	Keigo's lab has an exhibition with UCLA at Sejima's Shibaura House Office Building "Tokyo Ghost Guide"
Wednesday, 07/26	9:00am	Discussion at Waseda University- define topics/teams/sites

	Afternoon	Walking Tour Bunkyo <ul style="list-style-type: none"> <li>• Kiyonori Kikutake: Sky House (1958)</li> <li>• Kenzo Tange: Saint Mary's Cathedral (1964)</li> </ul> Walking Tour Ueno Park <ul style="list-style-type: none"> <li>• Kunio Maekawa: Tokyo Bunka Kaikan (1961)</li> <li>• Le Corbusier: The National Museum of Western Art (1959)</li> <li>• Yoshio Taniguchi: The Gallery of Horyuji Treasures (1999) and Tokyo National Museum Complex</li> </ul> Walking Tour Nezu, Yanaka <ul style="list-style-type: none"> <li>• Kengo Kuma: Withus Nezu / Classic Garden Bunko Nezu (2006)</li> </ul> Drinks at Hagiso, 3-10-25 Yanaka Taito-ku
Thursday, 07/27	10am	Visit Tour Roppongi <ul style="list-style-type: none"> <li>• Tadao Ando: 21 21 Design Sight (2007) opens at 10am</li> </ul>
	Afternoon	Teams to conduct site visits & work at Waseda University
Friday, 07/28	Morning	Teams to prepare initial site research
	11:00am	Meet at Waseda University, discussion/presentations by teams
	1:00pm	Lunch at Waseda University
	2:00pm	Leave from Waseda University
	3:00pm	Visit to Shigeru Ban office, 5-2-4 Matsubara, Setagaya, Tokyo, Japan <ul style="list-style-type: none"> <li>• Shigeru Ban: Three Walls (1988)</li> <li>• Shigeru Ban: Hanegi Forest (1997)</li> <li>• Shigeru Ban: Hanegi Forest Annex (2004)</li> </ul>
Saturday, 07/29	9:00am	Meet at Shinjuku Station Keio Line West Gate. Shinjuku Line / Keio Line to Hashimoto Station (1 hour)
	10:30am	Visit to Tama Art University <ul style="list-style-type: none"> <li>• Toyo Ito: Tama Art University Library (2007)</li> </ul>
	1:00pm	Visit to Edo-Tokyo Open Air Architecture Museum <ul style="list-style-type: none"> <li>• Kunio Maekawa: Maekawa House (1942)</li> </ul>
	Afternoon	Work at Waseda University
Sunday, 07/30	OFF	OFF
Monday, 07/31	8:40am	Meet at Shinjuku Station, Odakyu South Gate
	11-1pm	Day trip to Minowa House with Chie Konno (assisted care facility)
	2-3pm	Lunch in Atsugi
	4-5pm	Also visit: <ul style="list-style-type: none"> <li>• Junya Ishigami: Kanagawa Institute of Technology (2008)</li> <li>• FOA: Yokohama Ferry Terminal (2002)</li> <li>• Toyo Ito: Tower of Winds (1986)</li> <li>• Ryue Nishizawa, Moriyama House, Ota (2005)</li> </ul>
Tuesday, 08/01	11:45pm	Meet outside Nagakin Capsule Tower
	12-1pm	• Visit to Kisho Kurokawa, Nagakin Capsule Tower (1972)
	1:30pm	Lunch at Tsukiji Fish Market
	3-5pm	Student presentations / discussion at Waseda University
Wednesday, 08/02	All Day	Work at Waseda University
Thursday, 08/03	Morning	Book printing deadline
	2:00pm	Visit to Junya Ishigami office
Friday, 08/04	9:30am	Leave from Shinjuku for SANAA
	11:00am	Visit to SANAA, 1-5-27, Tatsumi, Koto-ku
	3:00-6:00pm	Final Review / Presentation at Keigo Kobayashi Lab, Room 801, Building 55, Art and Architecture School, Waseda University <ul style="list-style-type: none"> <li>Guest critics to be announced</li> </ul>
	Evening	Dinner with guest critics & students
Saturday, 08/05 (optional)	Evening	Lecture at Tokyo University with Kengo Kuma, Jeffrey Inaba, and Kivi Sotamaa