

Global Trends in Architecture for Health & Wellbeing

International Panel Session

Date & Time:

November 30, 2022 at 19:00-21:00 EST (Canada & USA)

December 1, 2022 at 9:00-11:00 JST (Japan)

Registration Link: https://us06web.zoom.us/meeting/register/tZlodeivrD0oEtLeFZj915zmYIP5_zzRiRTY

INTRO

The world is just readjusting itself at the wake of a global pandemic that has affected everyone's physical and mental health. To this effect, the International Union of Architects (UIA) designated 2022 as the year of Design for Health, highlighting the importance of the role of architecture in maintaining good health as well as contributing to the healing process. It states that "architecture for well-being goes beyond access to hospitals and health care facilities. It extends to improving the quality of the architectural spaces in which we live and work. From technical innovations which can improve thermal comfort, circulation and ventilation to subtler factors contributing to our psychological and social well-being such as public spaces, walkability, land use and daylight, we have realised that the quality of our built environment has profound implications for our quality of life, on the lives of those around us and on our natural environment." This panel session will explore themes of "health" and "wellbeing" in a global context with speakers presenting case studies from the United States, Japan and Canada.

GUEST PANELISTS



Dr. David Allison

**Professor & Director of Graduate Studies in Architecture + Health
Clemson University, USA**

David Allison FAIA, FACHA is an Alumni Distinguished Professor and has served as the Director of Graduate Studies in Architecture + Health [A+H] at Clemson University since 1990. His teaching, research and scholarship involve the study of relationships between health, healthcare and the built environment. Professor Allison is a Licensed Architect in South and North Carolina as well as a Fellow of the American Institute of Architects. He is also a board certified, founding member and Fellow of the American College of Healthcare Architects [ACHA], currently serves on the ACHA Board of Regents, and received its Lifetime Achievement Award in 2019. He is the founder of the Architecture for Health Educators Summit held annually as part of the joint AIA/AAH and ACHA Summer Leadership Summit. He is also a cofounder of an annual AIA Academy of Architecture for Health South Atlantic Regional Conference. He was selected in 2007 as one of "Twenty Making a Difference" nationally by Healthcare Design Magazine and identified again in 2009, 2010 and 2012 by a national poll conducted by the magazine as "one of the most influential people in healthcare design." Design Intelligence Magazine named him one of the nation's 30 Most Admired Design Educators in 2013-14 and again in 2019. He was also recently recognized as the Center for Health Design 2019 Changemaker.

Topic: Health Promoting Hospitals and Healthcare Campuses

Given the significant role that hospitals and healthcare campuses play in their communities, and their inherent mission to improve health, large medical centers and campuses should serve as models of healthy and livable urban design. They should be vibrant mixed use and transit oriented districts with walk able streets, accessible and useable public green spaces, and meaningful connections to nature. They should be easy, legible and safe to navigate. They should consider and contribute positively to the health of the individuals engaging them, the neighbors they adjoin, the communities in which they are part of, and globally through environmentally responsive design.



Dr. Ruka Kosuge
Associate Professor, School of Architecture, Graduate School of Engineering & Science
Shibaura Institute of Technology, Japan

Ruka Kosuge is an associate professor at the School of Architecture and the Graduate School of Science and Engineering at Shibaura Institute of Technology. She teaches architectural planning and design of public facilities. Her research interests are in the field of healthcare architecture, and she has conducted surveys on space utilization in hospitals and elder care facilities and consults on their final architectural design. She has been a member of the steering committee of the Japan Institute of Healthcare architecture (JIHa) since 2016 and secretary of the committee for healthcare architecture of the Architectural Institute of Japan (AIJ) since 2020.

She received her PhD from the University of Tokyo in 2006. She spent 2 years in the United States as a visiting scholar at Clemson University in 2002 and Texas A&M University in 2009. She is a first-class architect and began work as a designer at GKK Architects & Engineers in 2006, and then as a researcher in the Department of Environmental Health at the National Institute of Public Health in 2010. She has worked for several universities since 2013 and received the Good Design Award for her work at Kobe Design University in 2014, leading to her current position.

Topic: Inclusive Medical and Welfare Facilities without Boundaries

Japan's declining birthrate and aging population are expected to cause significant labor shortages over the next 30 years. In order to solve this problem, various design considerations are being made in medical and welfare facilities. In addition, the integration and streamlining of occupations is being proposed in various fields, and new forms of social facilities are being created in line with the trend toward a more inclusive society. This lecture will introduce these efforts



Dr. Henry Tsang
Assistant Professor, RAIC Centre for Architecture, Faculty of Science & Technology
Athabasca University, Canada

Henry Tsang is an architect and assistant professor in the RAIC Centre for Architecture at Athabasca University. His design, teaching and research work explores the intersections between sustainability, health, and culture in the built environment. He is currently working on several sustainable and regenerative projects, which include the design of a new zero-carbon building for the Calgary Japanese Community Centre and research in sustainable rural and regenerative communities in Canada. Many of his research papers are published in scholarly journals and he has also been invited to speak at international conferences, including UNEP, TEDx as well as universities worldwide. He has also held a professorship at Keimyung University in South Korea, and the position of director of the Sustainable Architecture Technology Program at Herzing College. Tsang is a certified LEED Green Associate, WELL AP and RHFAC Professional in Accessibility; and he has practiced professionally with design firms in Montreal and Tokyo. He completed his B.Sc.Arch., M.Arch. at McGill University, and Ph.D. at the University of Tokyo as a Monbukagakusho Scholar. He is the recipient of the 2015 Educator of the Year Award by the National Association of Career Colleges, 2020 Canadian Architect Award of Excellence, 2022 Calgary Mayor's Urban Design Award and two Construction Canada Emerging Leader Awards.

Topic: Reimagining Healthy Community-Centric Architecture for a Post-Pandemic World

The global COVID pandemic has changed the world and how we behave in it. We've reinvented the way we work, communicate and interact. Increased isolation and time spent indoors have deeply affected our physical and mental health. To adapt to the new paradigms of our society, architects need to design to adapt to these changes and imagine a brighter, sustainable, resilient, equitable, inclusive, accessible and healthy future. This talk will look at new trends in community-centric buildings that have emerged since the pandemic, in urban and rural communities in Canada. Design approaches to the environment and health have also expanded to discussions about equity, diversity and inclusion, leading us to ask ourselves what does "quality" mean in architecture today.