



Pan Pacific Orchard Congress Venue WCDH2025
Designed by WOHA

The Mission for a Salutogenic Healthy Society: A Call for Action in Singapore

Singapore 29 Oct - 02 Nov 2025

Design & Health

14TH WORLD CONGRESS & EXHIBITION



Deadline
for
papers:
30 November
2024

First Announcement and Call for Papers





The Mission for a Salutogenic

The scientific program for the 14th Design & Health World Congress & Exhibition in Singapore Redesigning Health Systems for a Salutogenic Future: A Call for Action

Following the impactful 2009 Singapore World Congress on Design and Health, the Academy reconvened in 2013 for a global symposium held at the celebrated Khoo Teck Puat Hospital in Singapore. In 2025, the Academy will organize the 14th Design & Health World Congress & Exhibition in the most iconic ball room with daylight at Pan Pacific Orchard Singapore in partnership with Singapore Institute of Architects SIA and with support of distinguished academic institutions from National University of Singapore, NUS and governments, National University of Health System, NUHS and healthcare industries, showcasing strides toward fostering a sustainable, healthy society.

The rapid economic growth of Asian nations over the last five decades has uplifted billions, with Singapore emerging as an inspiration of progress in social and economic development. Recognized by the World Health Organization for possessing the sixth-best healthcare system globally, Singapore achieves this remarkable feat while allocating just 4 percent of its GDP to healthcare, compared to 10–12 percent in Europe and 18–20 percent in the United States. However, by 2030, Asia will account for over half of the world's elderly population and bear approximately half of the global burden of noncommunicable diseases (NCDs). Furthermore, projections for 2040 indicate that Singapore, South Korea, and Hong Kong, with the highest rates of aging populations globally, will face a demographic challenge, with fewer than two individuals of working age supporting every person aged sixty-five or older.

In declining fertility rates—preliminary estimates show that the total fertility rate fell to 0.97 in 2023, declining further from the previous record of 1.04 in 2022 and 1.12 in 2021. Innovative strategies are imperative to reduce the economic strain, foster population health, and promote active living among the elderly.

To navigate this shifting demographic landscape, a paradigm shift is essential, entailing the redesign of health systems to clearly integrate care while prioritizing salutogenic policies that promote health and well-being. This imperative extends beyond Singapore, across Asian region.

According to the World Health Organization (WHO), physical inactivity ranks as the fourth leading risk factor for global mortality, contributing to an estimated 3.2 million deaths annually. Picture a school environment where the classroom isn't a confined space, but rather a gateway to

dynamic and flexible learning areas. In these lively communities, children have the freedom to move, participating in educational activities that stimulate not only their intellect but also their physical and mental health.

As the world witnesses unprecedented scientific and technological advancements, the Academy is committed to fostering meaningful dialogue among academia, private industries, and governments. Together, we envision a future on establishing a Salutogenic Healthy society.

In the 21st century, artificial intelligence (AI) has emerged as a powerful tool for transforming built environments into sustainable and healthier spaces for future generations. Addressing the challenges of climate change and global warming necessitates ecological design that emphasizes efficient energy use and the preservation of clean air, water, and soil. We need to envision hospitals that are as efficient and cost-effective as a "Toyota Corolla," maximizing output with limited resources. The active participation of individuals in managing their own health and medical conditions is crucial. To effectively support and promote this dynamic system, new approaches in building design must incorporate salutogenic principles, fostering environments that enhance well-being. By good design, we can create hospital environments that not only optimize resource use but also promote the well-being of patients and staff.

Moreover, a holistic approach to designing care environments includes exposure to diverse forms of beauty—such as visual art, music, nature, and architecture—which profoundly impacts mental and physical health by exerting neurotrophic effects on various brain regions.

In alignment with these principles, the World Congress on Design and Health (WCDH) stands as a vanguard in promoting this transformative agenda.



Prof. Alan Dilani PhD
President Academy



Prof. Khoo Teng Chye
Director NUS Cities
Chairman of the congress

Invited speakres



Arch. Jerry ONG,
Group Chief, NUHS,



Prof. Mun Summ Wong
Co- Founder WOHA



Ar. Lim Lip Chuan,
Frankie, Senior Vice
President (Architecture),
CPG Consultants



Mr. Liak Teng Lit
Healthcare Expert



Dr Loke Wai Chiong
Head (Financing
Redesign) MOHT



Dr. Ken Yeang
Ecological Design



Suggested Themes for WCDH2025:

The congress will explore into key themes crucial for addressing contemporary health infrastructure challenges, advocating for a salutogenic approach to health policy, and advancing sustainable development for a healthy society. Themes will encompass healthcare design, healthy housing, salutogenic learning environments, and the exploration of ecological and salutogenic design principles in the Asian region. Additionally, discussions will explore the role of AI in health infrastructure and the significance of culture as an urban planning tool for individual and social well-being in modern urban settings. The WCDH 2025 Congress Secretariat is delighted therefore to invite you to participate by submitting abstracts on the following themes:

- The value of good design, case study of design for healthy society
- Healthy cities, urban health, livable and walkable cities
- Salutogenic design for healthy communities - Active Aging
- The 'salutogenic hospital': efficient and cost-effective
- Case studies, healthy housing, salutogenic learning environments,
- Art, culture and health: Stimulating built environments
- Developing international benchmarks on design and health
- Designing healthy workplaces in all settings
- AI in health infrastructure: Integrating technology, services within the built environment

Authors are invited to submit abstracts of 400 words in English. The abstract should clearly state the objectives, methods used, results and conclusions. The paper will be presented to an audience with diverse interests and disciplines. Consequently, we are seeking presentations that focus on the practical importance of environmental design qualities that promote health and wellbeing. Papers addressing more than one of the congress themes will be given preference.

All abstracts will be subject to a rigorous blind peer-review process by the WCDH 2025 Scientific Committee, and a select number will be chosen for oral presentation with a wider number presented as posters.

All abstracts and enquiries should be submitted by e-mail to the WCDH 2025 Secretariat no later than 30 November 2024 at the following address:

WCDH 2025 Secretariat, International Academy for Design & Health

E-mail: info@designhealth.academy

Tel: + 46 70 453 90 70

Proposals must include a title, author(s), organisational affiliation, and three keywords. Papers chosen for presentation will be published in the Final Programme and Book of Abstracts, with selected papers published in full in World Health Design in 2026-27.

The author(s) or co-author(s) should register and pay the registration fee in order to present the paper at the conference. The official language of the WCDH 2025 is English. Further information on the conference venue, hotel accommodation and registration fee will be provided in the Preliminary Program in January 2025.

Design & Health 14th World Congress, Singapore 29 Oct - 02 Nov 2025

Congress dates and schedule

The WCDH 2025 is a five-day event, held from 29 October-2nd of November, 2025 in Pan Pacific Orchard, Singapore

Wednesday 29 October 2025

Registration from 14.00-18.00

Pan Pacific Orchard, Singapore TBC

Presymposium Congress from 13.00 - 17.00, theme TBC

Welcome reception from 19.00 in Garden by the Bay TBC

Thursday 30 October 2025 Congress & Exhibition

08.00-09.00 Late registration from

09.00-10.30 Session 1, Opening remarks by H.E. Minister of Health, Academy, SIA, NUS, TBC

10:30 - 11:00 Coffee break, Exhibition, posters

11:00 - 12:30 Session 2 Theme TBC 3-4 presentation

12:30-14:00 lunch break, sponsors showcase / Exhibition/Posters

14:00 - 16:00 Session3 keynote and 6 presentations

16:00 - 16:30 Coffee break, sponsors showcase / Exhibition

16:30 - 18:00 Session 4 Keynote and 4 presentations

Friday 31 October 2025 Congress & Exhibition

09.00-10.30 Session 5, Keynote and 4 presentations

10:30 - 11:00 Coffee break, Exhibition, posters

11:00 - 12:30 Session 6, Theme TBC 3-4 presentation

12:30-14:00 lunch break, sponsors showcase / Exhibition/ posters

14:00 - 16:00 Session7, keynote and 6 presentations

16:00 - 16:30 Coffee break, sponsors showcase / Exhibition

16:30 - 18:00 Session 8, Keynote and 4 presentations

20.00 - 23.00 **Academy Awards Gala Dinner** in Pan Pacific Orchard, Singapore and announcement of the 2026 congress

Saturday 01 November 2025 Congress, Exhibition &

09.00-10.30 Session 9, Keynote and 4 presentations

10:30 - 11:00 Coffee break, Exhibition, posters

11:00 - 12:30 Session 10, Theme TBC 3-4 presentation

12:30-14:00 lunch break, sponsors showcase / Exhibition/ posters

14:00 - 16:00 Session11, Healthy Policy Design, Ministerial Panel Discussions, Health Ministers from Singapore, Finland, South Africa, Canada, Middle East will be invited

19:30 - 21:00 Advisory board dinner meeting of the International Academy for Design & Health Place TBC, only by invitation.

Sunday 2nd November 2025 Architectural Study Tours

Site tours and visits to local landmarks and health facilities

The Design & Health 14th World

Enhancing health, wellbeing and quality of life through environmental design



Professor Alan Dilani Ph.D
International Academy for Design & Health, Sweden

Dr Alan Dilani is founder of the International Academy for Design & Health and World Health Design journal, author of many books, articles and research papers on salutogenic design. Dr Dilani has been engaged worldwide in several universities in the field of design and health developing "Salutogenic design program", both in medical and design institutions. Awarded by American Institute of Architects for his high quality research in the built environment.



Professor Khoo Teng Chye, Ph.D
Director, NUS Cities , Singapore

Prof. Khoo Teng Chye is Director, NUS Cities and Practice Professor with the College of Design and Engineering at the National University of Singapore (NUS). He was formerly the Executive Director for the Centre for Liveable Cities, Ministry of National Development (MND)(2010 to 2020), Singapore and continues to be a Fellow at CLC. He was the Chief Executive Officer/Chief Planner at the Urban Redevelopment Authority (URA) (1992 to 1996), Chief Executive Officer/Group President of PSA Corporation.



Arch. Jerry ONG, Group Chief at NUHS
National University Health System

Group Chief Infrastructure Officer of NUHS, Jerry head the NUHS Corporate Infrastructure Office which oversees all NUHS infrastructure developments and projects, including infrastructure planning and design, project management, governance, policies, contracts, space planning. Prior this position Jerry Ong was Senior Vice President of the Healthcare Division at CPG Consultants, a multi-disciplinary consultancy providing a full spectrum of design, development development and management services.



Associate Professor Ruzica Bozovic Stamenovic
Department of Architecture , NUS

Dr Ruzica Bozovic Stamenovic is Associate Professor and Leader of Urbanism Research Cluster at the Department of Architecture, National University of Singapore. Her research interest is in human ecology, health-restoring design processes, and design for wellness in contemporary urban settings and mega-mature societies. She is Faculty Fellow of The Centre for Health Systems and Design, Texas A&M University, Executive Board Member of the UIA Public Health Group and GUPHA.



Dr. Calvin W. Luk, Ph.D.
The Polytechnic University of Hong Kong

Dr. Calvin W. Luk is Acting Director and Project Manager-Spatial Team Leader of Jockey Club Design Institute for Social Innovation, The Hong Kong Polytechnic University. He develops and leads community participatory action research on topics spanning Universal Accessibility, Inclusive Design for people with disabilities, Therapeutic landscape for Dementia, and Environmental assessment of care facilities for older persons. He engages extensively in community and urban infrastructure projects, including the government Rehabilitation Policy Plan and Occupational safety & health study for aged workers.



Professor Jeffrey Hou, Ph.D.
Head of Department of Architecture , NUS

Professor Jeff Hou has worked with indigenous tribes, farmers, fishers, and villagers in Asia and inner-city immigrant youths and elders in North American cities, on projects ranging from the conservation of wildlife habitats to bottom-up urban placemaking. Before his appointment as the Head of the Department at DOA in 2024, Hou was Professor of Landscape Architecture and led the Urban Commons Lab at the University of Washington (UW), Seattle. He served as Chair of Landscape Architecture at UW from 2009 to 2017.

Organising Committee



Angela Lee Director HKS
Chair Organizing
Committee



Arch Tony Ang
V. President SIA



Arch Jerry ONG
Group Chief NUHS



Ar. Ruby Lai,
Senior Consultant,
CPG Consultants



Dr. Alan Dilani
President Academy



Arch Chetna Bhatia
Director Plan4 Med



Dr. Png Chin Wen
Lcturer NUS



Charlie Olofsson
IT- Academy

Congress Scientific Committee

Uniting the disciplines of architecture, design, psychology, health sciences and culture



Associate Professor Emi Kiyota, Ph.D.
Center for Population Health

Dr Emi Kiyota is an Associate Professor at the Yong Loo Lin School of Medicine and College of Design and Engineering, and Deputy Executive Director, Centre for Population Health at the National University of Singapore. She is an environmental gerontologist, consultant and organizational culture change specialist, with more than 20 years of experience in designing and implementing person-centered care practice in long-term care facilities and hospitals globally. Her contributions include a vast array of national and international initiatives.



Professor Heng Chye Kiang, Ph.D.
Deputy Dean, College of Design and Engineering, NUS

Professor Heng Chye Kiang is the Provost's Professor at the College of Design and Engineering, National University of Singapore, where he was the former Dean of School of Design and Environment (SDE) (2007 to 2016) and the Head of its Department of Architecture prior to his deanship. He teaches and researches urban history, sustainable urban design and planning, and publishes widely in these areas. Professor Heng has served on the boards of government agencies including the URA, HDB, CLC, JTC, BCA.



Arch. Tiah Nan Chyuan
Vice President SIA

Nan Chyuan graduated from the National University of Singapore and the Architectural Association in London. He is a Director at FARM, a cross disciplinary design practice that won the President's Design Award Design of the Year in 2010. Nan Chyuan was also recognized as one of Singapore's emerging architects in URA's third edition of "20 Under 45" exhibition. Beyond practice, He is currently vice president of the Singapore Institute of Architects serving in the Education Thrust, where he has been a Council Member since 2019.



Dr. Rosalia Saimon, Ph.D.
Faculty of Medicine and Health Sciences, Sarawak,

Dr. Rosalia Saimon, a distinguished senior lecturer specializing in health promotion, is a trailblazer in the field of public health. With a keen research focus on the intersection of psychosocial and environmental determinants influencing health behaviors, she has made significant contributions to understanding and improving population health outcomes. A visionary in her field, Rosalia embodies the perfect blend of expertise, passion, and a genuine connection with the world around her, making her a respected figure and an inspiration to her peers and students alike.



Er. Yong Seow Kin, Director
Facilities Development, Singapore Health Services Pte Ltd.

Seow Kin oversees the design and development of healthcare infrastructure facilities in the biggest public healthcare cluster in Singapore. Seow Kin has more than 30 years of experience in the development and management of infrastructure facilities, of which 20 years are in the healthcare industry. Her other experience includes developing and managing high tech semiconductor facilities, advanced pharmaceutical manufacturing plants and world-renowned airport. The high standards demanded in these facilities have given her a solid foundation in developing high quality healthcare facilities.



Professor Dr Kenneth Yuh Yen Kok
Dean, Institute of Health Sciences, Brunei

Professor of Clinical Academia, Institute of Health Sciences, University of Brunei Darussalam and Associate Professor of Surgery, Faculty of Health Sciences, School of Medicine, University of Queensland, Australia, Medical Director, The Brunei Cancer Centre, Jerudong Park in Darussalam MBChB, Bachelor of Medicine & Bachelor of Surgery, University of Liverpool Medical School, England FRCS(Eng), Fellow of the Royal College of Surgeons of England FRCS(Edin), Fellow of the Royal College of Surgeons of Edinburgh, FAMS, Fellow of the Academy of Medicine of Singapore, FACS, Fellow of the American College of Surgeons.



The Executive Board of Academy

Alan Dilani, Ph.D. President and Founder, Sweden

Sandra Surkamp, Director Chapter South Pacific, Australasia

Stefano Capolongo, Ph.D. Director of European Chapter, Italy

Hessam Ghamari, Ph.D. Director of Academy Awards, USA

Sahand Abbasi, Ph.D. Director of North American Chapter, USA

Calvin Luk, Ph.D. Director of Asian Chapter, Hong Kong

Innocent Okpanum, Ph.D. Director of Africa & Middle East Chapter

Nadia Tobia, Director World Health Design Journal, Canada



Left: Mr. Liak Teng Lit, former Chief Executive Officer, Alexandra Health , center, Singapore Minister for Health Mr Khaw Boon Wan, Prof. Alan Dilani, presidnet of Academy, 2009 Congress



From left: Prof Clayton Christensen, Harvard Business School; Dr Richard Jackson, UCLA; Chris Liddle, HLM Architects; and Lord Nigel Crisp, House of Lords, 2011, WCDH in Boston



Dr. Ken Yeang speaking in Hong Kong 2015, Ecological Architecture



Singapore Minister of Health Mr Khaw Boon Wan speaking in 2009 Design and Health Congress

Singapore is a thriving metropolis offering a world-class infrastructure, a fully integrated island-wide transport network, dynamic business environment, vibrant living spaces and a rich culture largely influenced by the four major communities in Singapore with each offering different perspectives of life in Singapore in terms of culture, religion, food, language and history.

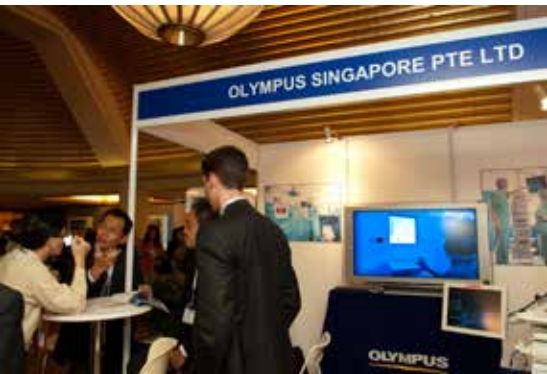
With leading researchers and practitioners attending from across the globe, the 14th Design & Health World Congress & Exhibition (WCDH 2025) in Singapore provides an ideal platform for global business networking. With a wide range of sponsorship and exhibition opportunities available to suit all budgets, WCDH 2025 offers a knowledge-led platform for industry to network with leaders in the field, develop research collaborations and reach senior decision-makers.

WCDH2025 offers a range of sponsorship and exhibition opportunities for international organisations to develop their business in Asia.

Who will attend?

- | | |
|---|--|
| Hospital CEOs | Medical technology companies |
| Capital planning leadership | Researchers and scientists |
| Clinicians, nurses and health professionals | Procurement/project directors |
| Health and urban planners | Governmental and municipal representatives |
| Estates and facilities managers | Construction companies |
| Public Health Experts | interior and landscape architect |
| Architects and designers | Medical directors, Policy Makers |





Exhibiting

A prominent location and an attractive exhibition presence throughout the Congress are essential to attract visitors, meet potential clients, develop new relationships, and generate business. Booths are available in a variety of sizes to suit your requirements and budget. Combine your booth with sponsorship of a conference session or a corporate showcase to gain maximum exposure.



Sponsoring

Sponsorship of the Design & Health World Congress provides you with unparalleled exposure before, during and after the event with thought leaders and decision-makers from across the globe. Associating your name with the International Academy for Design and Health, on this stage and at this scale, will reinforce your position in the marketplace.



Specialist sponsorship

If you want to create a unique impression, a range of specialist sponsorship opportunities is available to ensure a strong brand presence. Sponsorship of breakfast debates, delegate bags, the scientific poster session, the Welcome Dinner and Academy Awards Gala Dinner, and the study tours all provide opportunities for your organisation to be seen to be making a special contribution to the success of the Congress.



Academy Awards

The Design & Health International Academy Awards is the world's leading advocacy programme, recognising excellence in the research and practice of designing healthy environments. The awards are open to international organisations in both the private and public sectors. Each award provides a valuable sponsorship platform, associating you with best practice, winning projects and the Academy, as well as providing significant publicity before, during and after the awards ceremony on the final evening of the congress.



Corporate Showcase

The Corporate Showcase Programme runs during the lunch and coffee intervals on each day of the World Congress. Each showcase is scheduled and promoted in the programme and comprises a 25-minute presentation aimed at generating profile and real business interest. This gives you the perfect stage to demonstrate your services, hand out materials, and answer questions from an engaged audience.



For more information about any of these opportunities

www.designhealth.academy

Phone: +46 70 453 90 70

Email: info@designhealth.academy

Design & Health Global Events Map

● World Congresses

- 1st Trondheim 1997
- 2nd Stockholm 2000
- 3rd Montreal 2003
- 4th Frankfurt 2005
- 5th Glasgow 2007
- 6th Singapore 2009
- 7th Boston 2011
- 8th Kuala Lumpur 2012
- 9th Brisbane 2013
- 10th Toronto 2014
- 11th Hong Kong 2015
- 12th Vienna 2017
- 13th Milano 2024
- 14th Singapore 2025
- 15th Sarawak, Malaysia 2026
- 16th Biddingsprocess TBC 2027

● Symposia

- Sydney 2010
- Toronto 2010
- Brussels 2010
- Melbourne 2011
- Cape Town 2011
- Sydney 2012
- Helsinki 2012
- Singapore 2013
- Doha 2013
- Beijing 2014
- Hanoi 2015
- Brisbane 2016
- Manaus 2017
- Milano 2018



ECOLOGICAL AND SALUTOGENIC DESIGN FOR A SUSTAINABLE HEALTHY GLOBAL SOCIETY

EDITED BY KEN YEANG AND ALAN DILANI

