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Design & Health China 2014

30 October
- 1 November
2014

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International Academy for Design and Health

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Global Perspectives. Local Identities. International Symposium & Exhibition

Venue: China Science and Technology Museum,
National Olympic Park, Beijing, China

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Shaping a healthy China 2020 by design

Design and Health China 2014 is an international symposium dedicated to exploring global salutogenic perspectives on the creation of a healthy society across China

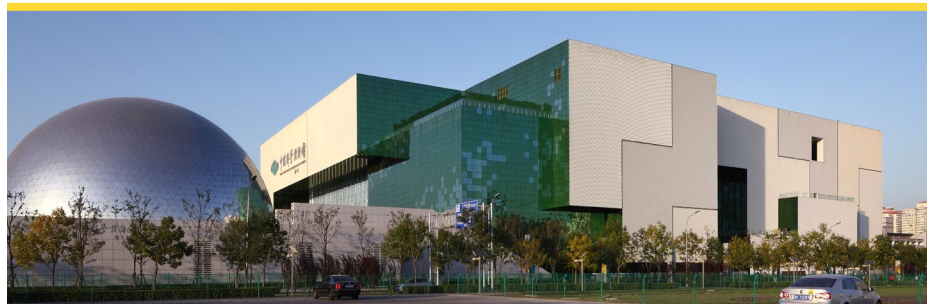
Introduction

China has one of the longest recorded histories of the practice of medicine of any civilization. Rooted in ancient Chinese philosophy, the methods and theories of Traditional Chinese Medicine (TCM) date back over two thousand years.

It is a unique system of medical theory focused on holistic approaches to disease prevention and health preservation that are complementary to modern salutogenic approaches to health promotion. In the past 150 years, western medical theory and practice based on the pathogenic approach to the diagnosis and treatment of disease became dominant in developed countries, and subsequently began to influence medical practice in China too.

As the disease profile of global societies in both richer and poorer countries shifts away from a focus on communicable diseases to non-communicable and chronic 'lifestyle' diseases such as obesity, diabetes and cardiovascular disease, the more holistic, salutogenic approaches of TCM which promote the need to correct imbalances and ensure harmony between the mind, body and spirit through healthy living, natural remedies, healthy food, exercise and massage are once again gaining ground. Today TCM is practiced alongside western medicine in China and increasingly around the world based on a combination of pathogenic and salutogenic theories.

From a research perspective, health can be divided into a pathogenic and salutogenic starting point. Pathogenic research focuses on explaining why certain etiological factors



Venue: China Science and Technology Museum, National Olympic Park, Beijing, China, designed by RTKL

cause disease and how they are developed in the physiological organism. The primary aim of pathogenic research is often to find medical treatments. Salutogenic research is based on identifying wellness factors that maintain and promote health, rather than investigating factors that cause disease. Together, the salutogenic and the pathogenic approach offer a deeper knowledge and understanding of health and disease.

With rapid economic development resulting in large population movements from rural to urban environments, the health status of the Chinese people is now integrally linked to the quality of China's urban infrastructure and access to clean, air, clean water and clean soil.

By integrating salutogenic design methodologies that promote health and wellbeing with ecological design approaches that support natural ecosystems and prevent environmental destruction, architects, designers, planners and developers have a critical role to play in the creation of both a healthy and more sustainable, socially cohesive and economically productive China.

Well-designed healthcare facilities around the world are making a critical contribution to the process of healing and rehabilitation. However, a broader, more holistic perspective demonstrates that health processes are continuously operating in all types of built and physical environments where individuals spend their daily lives. Design objectives for enhancing human health must facilitate an active lifestyle, enable the successful management of physical, psychological and emotional stress and support mental and cognitive processing of information by stimuli in a variety of designed environments.

In the 21st century, a new society is emerging in China where knowledge is the primary productive resource instead of capital and labour. The application of an interdisciplinary

scientific knowledge base can be a source of health and wealth in China. The ability to create and maintain a strong scientific research and knowledge infrastructure, support innovation and enhance productivity through the creation, growth and exploitation of new knowledge will be key to the future prosperity and economic competitiveness of China.

The IADH believes that human health is significantly related to the designed environment, and international research demonstrates how the quality of our public and private spaces is closely linked to levels of health, crime, poverty and our quality of life.

Design and Health China 2014 in Beijing is an International Symposium set to explore global perspectives on the design and development of urban and healthcare infrastructure and how the quality of the built environment affects our health, wellbeing and quality of life. The event will bring together interdisciplinary world experts to share their knowledge in the creation of a new salutogenic vision for a healthy China in 2020.

Benefits of attending

- Learn about innovative healthcare models, health theories and perspectives
- Network with international thought leaders and healthcare executives
- Meet leading international architect/engineering firms and solutions providers
- Discuss how to create a sustainable healthcare infrastructure in China
- Learn about the design of specialist care services and facilities, such as elderly care
- Learn about international case studies of healthcare facility design
- Access the latest international research findings in design and health

Who should attend?

- Ministries of Health, Government and Municipal Representatives
- Health Authorities
- National and International Health Providers
- Directors of Public Health
- Estates and Facilities Managers
- Finance & Procurement Directors
- Health Planners, Architects and Designers
- Medical and Nursing Directors
- Medical and Pharmaceutical Suppliers
- Health Service Researchers & Policy Experts
- Construction Companies and Developers
- Banks, Insurance Companies and Private Equity Firms
- Financial & Legal Advisers Technical Consultancies

Cover images: Top left: Beijing International Medical Center, designed by HDR Architecture; Top Right: Gualv New City General Hospital, Zengcheng, Guangzhou, by RTKL; Bottom Left: Children's Hospital of Soochow University, by HDR Architecture; Bottom Middle: Roberts Interiors and Architecture, Beijing; Bottom right: United Family Hospital New Hope Oncology Center, Beijing, by Roberts Interiors and Architecture

Day 1 Programme (Thursday 30th October)

08.00-09.00 Registration

09.00-09.15 Welcome Speech and Introduction:
Government of China (TBC)
Prof Alan Dilani, International Academy for Design & Health, Sweden



Chair: Prof Gelun, Beijing University of Civil Engineering and Architecture

Session 1: Introduction and Vision for Healthy China 2020, Challenges and Opportunities

09.00-09.30 Keynote Address: National Health and Family Planning Commission, China (TBC)

09.30-10.00 Chinese Academy of Sciences (TBC)

10.00-10.30 Coffee break

Session 2: Salutogenic Global Health Perspectives, Theories & Application

10.30-11.00 Salutogenic Perspectives: Health Policy & Design
Prof Alan Dilani, International Academy for Design & Health, Sweden

11.00-11.30 Innovation in Global Health Infrastructure
Prof James Barlow, President, International Academy for Design & Health and Chair in Technology and Innovation Management, Imperial College London, UK

11.30-12.00 Discussion

12.00-13.00 Lunch



Chair: Sean Chiao, Chief Executive, Buildings + Places, Asia-Pacific, AECOM

Session 3: Innovation in Global Healthcare Infrastructure

13.00-13.25 Innovation by Design: The Shanghai New Hongqiao International Medical Center
Dr Xu Su, Deputy Director, Shanghai Municipal Health Reform Office
Kevin Kim, Principal, Gresham Smith & Partners

13.25-13.50 Innovation in Hospital Design, The University Hospital St Olavs Trondheim, Norway
Inge Fottland, Director, Norwegian University of Science and Technology, Norway

13.50-14.15 The New Design for General Hospital in Vietnam
Stephane Vermuelen, VK Architects & Engineers, Belgium

14.15-14.45 Discussion

14.45-15.15 Coffee break

Session 4: Design for Art, Culture & Science

15.15-15.40 Translational Health Sciences in China
Brian Kowalchuk, Director of Design, HDR, USA

15.40-16.05 Translational Design: Home, Workplace & Health
James Grose, BVN Donovan Hill, Australia

16.05-16.30 Culture and Art in Healthcare Infrastructure
Adam Robarts, Robarts Interiors and Architecture;
Roberta Lipson, CEO, United Family Healthcare

16.30-17.00 Discussion

17.00 Day Close

18.00- 21.00 Gala Dinner and Cultural Performance

Day 2 Programme (Friday 31st October)



Chair: Prof Liu Linan, Dean, School of Architecture and Urban Planning, Beijing University of Architecture

Session 5: Ecological Design and Healthy City Design

08.00-08.30 Keynote Address: Dr Ken Yeang
Ecological Architecture and the Salutogenic Outcome

08.30-08.55 Healthy Cities: Gardens by the Bay, Singapore,
Frankie Lim Lip Chuan, Senior Vice President (Architecture), CPG Consultants, Singapore

08.55-09.20 Enabling Wellness: Design for Physical, Emotional, Mental and Spiritual Comfort, Tarek El-Khatib, Zeidler Partnership Architects, Canada

09.20-09.45 Sustainable Healthy City Design
Joyce Drohan, Perkins + Will, Canada

09.45-10.15 Discussion

10.15-10.45 Coffee Break

Session 6: Research Based Design in China

10.45-11.10 Improving Design Quality Standards in Chinese Healthcare Design
Prof Gelun, Medical Architecture Research Centre, Beijing Architecture University, China

11.10-11.35 Creating An Innovative Health System in South Africa
Dr Innocent Okpanum, Ngonyama Okpanum Associates, South Africa

11.35-12.00 Cause Health: Salutogenic Hospital Design
Tye Farrow, Farrow Partnership Architects, Canada

12.00-12.30 Discussion

12.30-13.30 Lunch



Chair: Brian Kowalchuk, Director of Design, HDR Architecture, USA

Session 7: Active Ageing and Hospital Design in China

13.30-14.00 Active Ageing: Independent Living in China
Qindong Liang, Vice President, Design + Planning | Economics, Mainland China, AECOM, China

14.30-15.00 Architecture for the Elderly:
Eight Universal Design Principles
Guela Solow, Partner, ARK, Canada

15.00-15.30 Adaptable Hospital Infrastructure
David Stavros, B+H Architects

15.30-16.00 Discussion

15.30-16.00 Coffee break

Session 8: Visions for a Healthy China 2020

Joint Chairs: Dr Alan Dilani, CEO and Founder, IADH, Sweden
Dr Ray Pentecost, President, IADH, USA

16.30-18.00 Panel Discussion
National Health and Family Planning Commission, China, Beijing Architecture University, China Hospital Association

Day 3 Programme (Saturday 1st November)

09.00-13.30 Study visits of recent healthcare facilities

15.30-16.00 Study tours of architectural Beijing landmarks, including the Great Wall

Design & Health China 2014 REGISTRATION FORM

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Your booking

Delegate Quantity	China			International		
	Early Bird Before 29 Aug	Standard 29 Aug - 29 Sept	Late After 29 Sept	Early Bird Before 29 Aug	Standard 29 Aug - 29 Sept	Late After 29 Sept
<input type="checkbox"/> Government/Health	RMB 850	RMB 900	RMB 1000	<input type="checkbox"/> US\$ 750	US\$ 850	US\$ 950
<input type="checkbox"/> Commercial Sector	RMB 4750	RMB 5375	RMB 6000			

All prices above are per person delegate fees and include registration, final programme, lunch, refreshments and a complimentary Gala Dinner place. The price for attending the Gala Dinner only is RMB 400 or US\$90.00.

* Special rates are available for group bookings of six or more (contact: info@designandhealth.com).

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