

HEALTHY CITY DESIGN INTERNATIONAL

RESEARCH • POLICY • PRACTICE

15-16 OCTOBER 2018

ROYAL COLLEGE OF PHYSICIANS, LONDON

PRELIMINARY PROGRAMME CREATING HEALTHY CITIES FOR ALL: DESIGNING FOR EQUITY AND RESILIENCE

W: www.healthycitydesign.global | E: info@salus.global

Organised by



In collaboration with



Academic journal partner



Silver partners

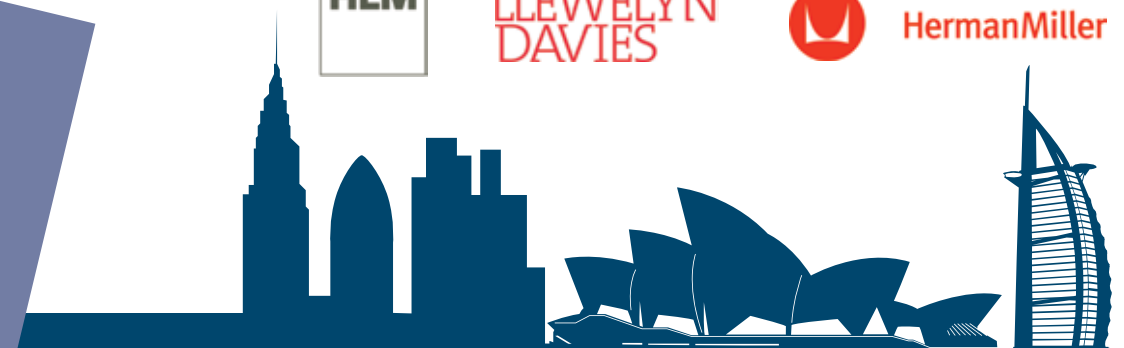


LLEWELYN
DAVIES

Knowledge partner



HermanMiller



Timetable of events

July 2018

Launch of Preliminary Programme and online registration

6 September 2018

Deadline for Early Bird and speaker registration, and full paper presentations

Monday 15 October 2018

08.45–17.45 Healthy City Design 2018 International Congress

18.30–22.00 Gala dinner, live music and keynote address

Tuesday 16 October 2018

08.55–17.45 Healthy City Design 2018 International Congress

CREATING HEALTHY CITIES FOR ALL: DESIGNING FOR EQUITY AND RESILIENCE

In less than 200 years, the proportion of the world's population living in cities has grown from 5 per cent to more than half. As our planet urbanises, how do we promote sustainable development, wellbeing and inclusive growth in creating cities and communities that are resilient, equitable and fair to all?

In their planning and design, cities have made undeniable progress in advancing the health of their citizens over the past 60 years. Evidence broadly suggests that city dwellers currently enjoy an 'urban health advantage' because they tend to be healthier than their rural counterparts. But within cities exist health inequalities, and these are largely based on wider social inequalities. Cities have become polarised between rich and poor, public and private, engaged and excluded.

At the same time, unparalleled socio-economic progress and population growth have created patterns of highly inequitable, inefficient and unsustainable resource consumption, which are taking a heavy toll on the Earth's natural systems. The result is substantial health impacts, including reduction of food security and nutrition, loss of freshwater resources, higher exposure to communicable and non-communicable diseases, and loss of life from extreme weather events.¹

Cities are now under unprecedented scrutiny to develop new approaches to health and healthcare that are more sustainable, equitable and inclusive – and this idea of fairness extends to both people and 'planetary health'.

Fairness and resilience

In a climate of polarisation and politicisation of urban health strategies, making cities fairer and less divisive places in relation to health outcomes depends on how resilient they

are in their design and planning. This is not simply about the ability to resist infectious diseases or manage global pandemics. Rather, resilience to achieve better urban health takes many different forms.

It can manifest in emerging infrastructures that promote flexible working practices or more active modes of transport, or in access to fresh, locally produced food. It can find expression in the adoption of new technologies that address climate change or air pollution. Healthcare systems in cities need operational resilience, just as social resilience is itself a factor in creating better urban health.

The British writer and critic Charles Leadbeater has talked about the rise of the 'fair city' – and about how high-empathy/high-system cities offer a better deal for citizens than cities that lack empathy or lack efficient systems for health and wellness. At a time of growing debate about the need for more equitable responses to urban and technological change, Healthy City Design 2018 is the place to share ideas, projects and concepts across the interdisciplinary spectrum of interests in design for urban health.

Architects, planners, designers, clinicians, technologists, economists, policymakers and citizens all share a responsibility to create healthier cities that are both equitable and resilient. This is the theme of the 2nd Healthy City Design



2018 International Congress, organised by SALUS Global Knowledge Exchange in collaboration with the Helen Hamlyn Centre for Design, Royal College of Art.

Bridging the gap between research, policy and practice

Healthy City Design 2018 (HCD 2018) International Congress & Exhibition is a global forum for the exchange of knowledge on the research, policy and practice of designing healthy and sustainable cities and communities.

Each day will open and close with keynote plenary sessions before splitting into three streams (six in total). Day one will focus on: healthy homes and neighbourhoods; urban planning, resilience and renewal; and work and workplace. Day two will cover: sustainable development; placemaking and the public realm; and smart cities and mobility.

The event will host a poster gallery of innovative research and projects, and a knowledge-focused exhibition of design solutions for cities, communities and workplaces. The congress organisers are also delighted to invite participants to join the programme committee for a Gala Dinner and networking evening on Monday 15 October, featuring live entertainment from the Royal College of Music and a keynote address from a world-leading thinker in future city design.

1. The Rockefeller Foundation-Lancet Commission on Planetary Health: Safeguarding human health in the Anthropocene epoch, 2015; 386: 1973-2028.



Prof Jeremy Myerson
Helen Hamlyn Chair of Design
The Helen Hamlyn Centre for Design,
Royal College of Art



Marc Sansom
Director
SALUS Global
Knowledge Exchange

Organised by



W: www.healthycitydesign.global

Keynote speakers



Dr Howard Frumkin
Head, 'Our Planet,
Our Health'
programme,
Wellcome Trust, UK



Ben Page
Chief executive,
Ipsos MORI, UK



Louise Wilson
Co-founder and
managing director,
Abundance
Investment, UK



Chris Naylor
Senior fellow in
health policy,
The King's Fund,
UK



David Buck
Senior fellow in
public health and
inequalities, The
King's Fund, UK



Carolyn Steel
Non-executive
director, Kilburn
Nightingale
Architects, UK



Sunand Prasad
Trustee, UK Green
Building Council;
Founding partner,
Penoyre & Prasad,
UK

08.00 REGISTRATION OPENS



Session 1

Opening keynotes

Chair: **Jeremy Myerson**, Royal College of Art, UK

08.45 **Welcome and introduction**

Jeremy Myerson, Royal College of Art, UK

09.00 **Keynote address: Our planet, our health, our cities**

Dr Howard Frumkin, Head, 'Our Planet, Our Health' programme, Wellcome Trust, UK

09.30 **Keynote address: Citizens' views of cities around the world**

Ben Page, Chief executive, Ipsos MORI, UK

10.00 **Panel discussion**

10.15–
10.45 **COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 2

Planning policy and practice

Chair: **Helen Pineo**, BRE, UK

10.45 **Healthy New Towns: principles and practice**

Danny McDonnell MPH, Strategy advisor, Healthy New Towns (HNT), NHS England, UK

Dr Sara McCafferty PhD, Senior strategy advisor, HNT, NHS England, UK

Rachel Toms CMLI, Strategy manager, HNT, NHS England, UK

Harry Dodd MRTPI, Strategy analyst, HNT, NHS England, UK

11.05 **Connecting wellness, urban form, care models and health outcomes:
Cranbrook Healthy New Town case study**

Simon Chant, Locum consultant in public health, communities, public health, environment and prosperity, Devon County Council, UK

Kenji Shermer, Urban designer, economy and development, East Devon District Council, UK

Jenny McNeill, Associate director of planning development, Northern, Eastern and Western Devon Clinical Commissioning Group, UK

Lucy O'Loughlin, Public health specialist, communities, public health, environment and prosperity, Devon County Council, UK

11.25 **The role of design policy in healthy built environments**

Jane Threlfall, Principal urban designer, NSW Department of Planning and Environment, Government Architect NSW, Australia

11.45 **Closing the implementation gap – securing public-private sector partnerships
for healthy placemaking**

Michael Chang, Project and policy manager, TCPA, UK

Whitney Gray, Senior vice-president, Delos, USA

Jennifer Offord, Senior planning manager, Redrow Homes, UK

12.05 **Panel discussion**

12.30–
14.00 **LUNCH, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 3

Intergenerational community design
Chair: Janet Sutherland, The Academy of Urbanism, UK

14.00 **Multigenerational masterplanning: designing for wellbeing in new housing-led developments**
Dr Adam Park, Architect associate, architecture, BDP, UK
Max Martin, Architect director, architecture, BDP, UK
Steve Marshall, Architect associate, architecture, BDP, UK

14.20 **Stop dividing us by age – start building intergenerational housing and communities. Totnes, a case study**
Georgina Lee, Co-founder, The Age of No Retirement, UK
Carly Dickson, Architectural designer and researcher, The Age of No Retirement, UK

14.40 **Healthy city, healthy housing: seniors living independently together**
Ralph Rosenberg, Associate design principal, NK Architects, USA
Erin Sharp Newton, Associate and Fitwel ambassador, NK Architects, USA
Allen R Kopelson, Founding principal, NK Architects, USA
Ben P Lee, Principal and chief financial officer, NK Architects, USA

15.00 **Panel discussion**

15.30–16.00 **COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 4

Designing for disadvantaged neighbourhoods
Chair: Dr Tarsha Finney, Royal College of Art, UK

16.00 **From care needs to health skills**
Willemineke Hammer, Partner – architect, EGM architects, Netherlands

16.20 **Tackling childhood obesity: a case study of hyperlocal inclusive design with the Stockwell Housing Estate in London**
Gail Ramster, Senior research associate, Helen Hamlyn Centre for Design (HHCD), Royal College of Art, UK
Carmel Keren, Research associate, HHCD, Royal College of Art, UK
Dr Jak Spencer, Research fellow, HHCD, Royal College of Art, UK

16.40–17.00 **Panel discussion**



Session 5

Keynote
Chair: Richard Darch, Archus, UK

17.00 **Keynote address: Democratising capital: the choice to invest in healthy communities**
Louise Wilson, Co-founder and joint managing director, Abundance Investment, UK

17.40 **Closing remarks**

17.45 **Close**

18.30–22.00 **GALA DINNER, LIVE MUSIC AND KEYNOTE ADDRESS**

Supported by:



Stream 2 begins at 10.45 in the Council Chamber, after the day's opening plenary session (08.45–10.15).



Session 6

Disaster planning and urban resilience

Chair: **Dr Janice Barnes**, Waggonner & Ball, USA

10.45 **Preparedness and infrastructure for disaster and emergency situations: the key to a resilient city**

Noemi Bitterman, Director, Medical design graduate programme, industrial design, Technion, Israel

11.05 **From surviving to thriving: 'Home for all Seasons' – a model for resilient, healthy housing**

Fred London, Partner, JTP, UK
Ed Barsley, Director, The Environmental Design Studio, UK

11.25 **Responses of flood-prone communities to flood hazards in Kuala Lumpur**

Rustam Khairi, Assistant professor, urban and regional planning, International Islamic University, Malaysia
Raja Noriza Raja Ariffin, Associate professor, administrative studies and politics, University of Malaya, Malaysia

11.45 **Using theory from evolutionary biology to ground urban-scale intervention development: case studies from Zambia and Tanzania**

Robert Aunger, Associate professor, infectious disease, London School of Hygiene & Tropical Medicine, UK

12.05 **Panel discussion**

12.30–14.00 **LUNCH, POSTER GALLERY AND KNOWLEDGE SPACE**

12.40–13.50 **Lunchtime workshop: Visioning the healthy city: the role and value of guidance**

Chair: Helen Pineo, BRE, UK
Panel: Michael Chang, TCPA, UK
Dr Sara McCafferty PhD, HNT, NHS England, UK
Giselle Sebag, Bloomberg Consultants, USA
Dr Stephane Sadoux PhD, LabEx AE&CC, Grenoble Alpes University, France



Session 7

Culture, community and place

Chair: **Marcus Wilshere**, IBI Group, UK

14.00 **The urban institution and the public space agenda: lessons in equity, inclusion and resilience from Toronto's Kensington Market**

Alice Liang, Principal, Montgomery Sisam Architects, Canada
Alexandra Boissonneault, marketing and communications co-ordinator, Montgomery Sisam Architects, Canada

14.20 **Paths to health equality – a Glasgow city case study: connecting communities through the activation of residual space**

Alison King, Principal landscape architect, LUC, UK
Duncan McLean, Associate landscape architect, LUC, UK

14.40 **Processes and practices for performing city resilience in a healthy city**

Dr Patrick Duggan, Senior lecturer in theatre and performance, University of Surrey, UK
Dr Stuart Andrews, Senior lecturer in theatre and performance, University of Surrey, UK

15.00 **Panel discussion**

15.30–16.00 **COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 8

Design for social regeneration

Chair: **Christine Hancock**, C3 Collaborating for Health, UK

16.00 **Putting the 'social' back into regeneration: social regeneration and urban renewal in inner London**

Kevin Fenton, Director of public health and wellbeing, London Borough of Southwark, UK
Jin Lim, Consultant in public health, London Borough of Southwark, UK
Simon Bevan, Director of planning, London Borough of Southwark, UK

16.20 **This is how to design for isolation and loneliness in our communities**

Hary Knibb, Principal consultant, WSP, UK
David Symons, Director of sustainability, WSP, UK

16.40–17.00 **Panel discussion**

Stream 2 will be brought to a close at 17.00, whereupon delegates are invited to return to the Wolfson Theatre for the day's closing plenary session (17.00–17.45).

Stream 3 begins at 10.45 in the Library, after the day's opening plenary session (08.45–10.15).



Session 9

Supportive work environments

Chair: **Mark Catchlove**, Herman Miller, UK

10.45 **Designing user-centred, supportive work environments and wellness programmes informed by structured measurement and psychology**

Emely Broeker, Business psychologist, Arup, UK
Cat Dean, Business psychologist, Arup, UK

11.05 **Future trends in urban mobility, public realm and working practices, and their influence on health and wellbeing in workplace design**

Caroline Paradise, Associate director and head of design research, architecture and masterplanning, Atkins, SNC Lavalin, UK
Zoe Shute, Practice manager – intelligent mobility, transportation, Atkins, SNC Lavalin, UK

11.25 **Sensing of the sensors: designing to engage occupants in the workplace environment**

Joyce Chan, Head of sustainable design, architecture and sustainability, HOK Architects, UK
Blanca Dasi Espuig, Sustainability specialist, HOK Architects, UK

11.45 **Supportive workplace design and the role of technology in the workplace**

Eszter Gulacsy, Project principal and BSE executive, Mott MacDonald, UK

12.05 **Panel discussion**

12.30–14.00 **LUNCH, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 10

Wellness design for workers

Chair: **Sean Hughes**, Philips, USA

14.00 **Comparing health-focused rating systems: WELL versus Fitwel**

Blake Jackson, Sustainability design leader, Stantec, USA

14.20 **Beyond workplace health: how businesses can impact community health and contribute to healthier cities for all**

Christine Hancock, Director, C3 Collaborating for Health, UK
Phil Veasey, Community engagement associate, C3 Collaborating for Health, UK
Roddy MacDonald, Community consultant, UK
Head of corporate affairs, Nestle, UK

14.40 **Great Western Studios**

Paul O'Neill, Director, Bryden Wood, UK

15.00 **Panel discussion**

15.30–16.00 **COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 11

Designing for people and work

Chair: **Jeremy Myerson**, Royal College of Art, UK

16.00–17.00 **Workshop: Fundamental human needs and workplace wellness**

Mark Catchlove, Director, Insight Group, Herman Miller, UK
Bertie Van Wyk, Insight programme manager, Insight Group, Herman Miller, UK

This interactive workshop will explore new discoveries about human dynamics and work – all grounded in research and experiences. Our fundamental human needs – purpose, belonging, achievement, autonomy, status and security – will be discussed and defined. What is their level of priority? What are their implications for management methods, technology and tools, and places? Looking beyond perceptions of generational diversity at work, how do we meet our fundamental needs through a combination of culture, technology and workplace design, and identify the barriers preventing the enhancement of wellness at work?

Stream 3 will be brought to a close at 17.00, whereupon delegates are invited to return to the Wolfson Theatre for the day's closing plenary session (17.00–17.45).

08.00 REGISTRATION OPENS



Session 12

Day 2, Opening keynotes

Chair: Sunand Prasad, UK Green Building Council; Penoyre & Prasad, UK

08.55 **Welcome and introduction**

Chair: Sunand Prasad PPRIBA, Trustee, UK Green Building Council; Founding partner, Penoyre & Prasad, UK

09.00 **Keynote address: The role of cities in improving population health: international insights**

Chris Naylor, Senior fellow in health policy, The King's Fund, UK
David Buck, Senior fellow in public health and inequalities, The King's Fund, UK

09.25 **Keynote address: Sitopia – shaping healthy cities through food**

Carolyn Steel, Non-executive director, Kilburn Nightingale Architects, UK

09.50 **Panel discussion**

10.15– **COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE**

10.45



Session 13

Green infrastructure, climate and health

Chair: Rachel Cooper, Lancaster University, UK

10.45 **Applying participatory system dynamics in planning for green infrastructure and health**

Nici Zimmermann, Lecturer, Institute for Environmental Design and Engineering (IEDE), UCL, UK
Mike Davies, Professor of building physics and the environment, IEDE, UCL, UK
Kaveh Dianati, PhD candidate, IEDE, UCL, UK
Paul Wilkinson, Professor of environmental epidemiology, London School of Hygiene & Tropical Medicine, UK
On behalf of the CUSSH (Complex Urban Systems for Sustainability and Health) consortium

11.05 **Examining the effectiveness and economic impact of a controlled environment agriculture (CEA) facility in London: a one-year prospective study**

Jamie Burrows, Founder and CEO, Vertical Future, UK
Prof Geoffrey Wood, Emeritus professor; Non-exec board member, Vertical Future, UK
Dr Olwen Williams, Physician; Non-exec board member, Vertical Future, UK
Lord Nigel Crisp, Independent cross-bench member of the House of Lords; Non-exec board member, Vertical Future, UK

11.25 **Using green infrastructure to improve urban air quality (GI4AQ)**

Kirsti Ashworth, Dorothy Hodgkin research fellow, The Royal Society, Lancaster University, UK
Nick Hewitt, Distinguished professor of atmospheric science, Lancaster University, UK
Rob MacKenzie, Professor of atmospheric science and director of Birmingham Institute of Forest Research, University of Birmingham, UK

11.45 **Which spatial characteristics of urban green spaces are beneficial for mental health?**

Dr Jacob King, Research associate, Centre of Urban Design and Mental Health, UK

12.05 **Panel discussion**

12.30– **LUNCH, POSTER GALLERY AND KNOWLEDGE SPACE**

14.00





Session 14

Inclusive design for social and health equity
Chair: David Green, Perkins+Will, UK

14.00 **Can affordable and sustainable housing be the keystone to social mobility?**

Mike Nightingale, Founder, The Mike Nightingale Fellowship; Consultant, IBI Group, UK
Elizabeth Petrovitch, Senior interior designer and architect, IBI Group, UK

14.20 **"I don't like nature": defining nature for healthy, inclusive urban green spaces**

Dr Bridget Snaith, Department of Architecture and Visual Arts, University of East London, UK
Anna Gower Peters, Research intern, MA in Professional Landscape Architecture, UK; Department of Architecture and Visual Arts, University of East London, UK

14.40 **Integrating social equity into practice**

Michael Austin, Campus planner and urban designer, and associate, Cities+Sites, Perkins+Will, USA
Ingrid Stromberg, LEED green associate, Cities+Sites knowledge manager, and associate, corporate, Perkins+Will, USA
Rebecca Holt, Sustainable building advisor, and associate, Cities+Sites, Perkins+Will, USA
Tim Wolfe, Deputy finance director, Department of Education and Early Learning, City of Seattle, USA

15.00 **Panel discussion**

15.30–16.00 **COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 15

Green-blue urban transformation
Chair: Clare Devine, Design Council, UK

16.00 **Infrastructure investment as a trigger for social inclusion and placemaking**

Dr Val Kirby, Convener, Stroudwater Navigation Connected Cotswold Canals Trust, UK
Prof Hugh Barton, Emeritus professor of planning, health and sustainability, WHO Collaborating Centre for Healthy Urban Environments, UK

16.20 **Everyday green infrastructure in an age of austerity: making the case for green space and wellbeing**

Dr Julian Dobson, Researcher, University of Sheffield, UK

16.40–17.00 **Panel discussion**



Session 16

Closing keynote
Chair: Jeremy Myerson, Royal College of Art, UK

17.00 **Keynote address: Improving health through the circular economy**

Sunand Prasad PPRIBA, Trustee, UK Green Building Council; Founding partner, Penoyre & Prasad, UK

17.40 **Closing remarks**

Jeremy Myerson, Royal College of Art, UK

17.45 **Close**

Stream 5 begins at 10.45 in the Council Chamber, after the day's opening plenary session (08.55–10.15).



Session 17

Designing active places and streets

Chair: **Marcus Grant**, Cities and Health, UK

10.45 The future of cities, health and the street

Catherine Simpson, Senior urban designer, RobertsDay; Queensland University of Technology, Australia

11.05 Designing public places in social inequality contexts: lessons from the Baobab Garden at Recife, Brazil

Circe Gama Monteiro, Professor (Full), architecture and urbanism, INCITI – Federal University of Pernambuco, Brazil
Ana Raquel Meneses, Senior architect, INCITI, Brazil
Rodrigo Edipo, Co-ordinator of communication, INCITI, Brazil

11.25 Healthy high streets – good placemaking in an urban setting

Andre Pinto, Public health manager (Healthy Places Unit), Public Health England, UK
Sorcha Daly, Research fellow, Institute of Health Equity (IHE), UCL, UK
Dr Jessica Allen, Joint deputy director, IHE, UCL, UK

11.45 Using active design principles to create healthier communities: theory and practice

Chris Burgess, Associate, technical, Greengage, UK
Rob Miller, Associate, marketing, Greengage, UK
Mike Harris, Associate, technical, Greengage, UK

12.30–14.00 LUNCH, POSTER GALLERY AND KNOWLEDGE SPACE

12.40–13.50 Lunchtime workshop: Developing resilient, healthy and socially inclusive neighbourhoods

Chair: Clare Wildfire, Mott MacDonald, UK
Panel: Jeremy Porteus, Housing Learning and Improvement Network (Housing LIN), UK
Janet Sutherland, The Academy of Urbanism, UK
Frances Parrott, Mott MacDonald, UK



Session 18

Designing for children and childhood

Chair: **Carolyn Daher MPH**, Barcelona Institute for Global Health, Spain

14.00 Guidelines and methods for building child-responsive cities and communities

Giselle Sebag, Cities consultant, urban planning and public health, Bloomberg Associates, USA
Jens Aerts, Urban planning specialist, policy analysis – data, research and policy, UNICEF, USA

14.20 Designing for urban childhoods

Samuel Williams, Consultant, operations consulting, Arup, UK
Felicitas zu Dohna, Foresight and research analyst, Arup, UK
Matthew Dillon, Associate director, city economics, Arup, UK

14.40 Child-friendly urban planning: lessons from cities in Canada and Europe

Tim Gill, Independent researcher, Rethinking Childhood, UK

15.00 Panel discussion

15.30–16.00 COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE



Session 19

Designing liveable communities

Chair: **Tye Farrow**, Farrow Partners, Canada

16.00 Design insights into healthy communities: examples of delivering pedestrian-priority town centres

Richard Mazuch, Director of design research and innovation, IBI Group, UK
David McKenna, Studio associate director and landscape architect, IBI Group, UK

16.20 Food hubs: the role of placemaking in creating healthy communities

Celen Pasalar, Assistant professor of landscape architecture, College of Design, North Carolina State University, USA
George Hollowell, Assistant professor of the practice in architecture, College of Design, North Carolina State University, USA

16.40–17.00 Panel discussion

Stream 5 will be brought to a close at 17.00, whereupon delegates are invited to return to the Wolfson Theatre for the day's closing plenary session (17.00–17.45).

Stream 6 begins at 10.45 in the Library, after the day's opening plenary session (08.55–10.15).



Session 20

Digitalising the healthy city

Chair: Derek Clement-Croomes, University of Reading, UK

10.45 **Heart Safe City programme: activating the community to save lives using smart digital technologies**

Sathyan Vaidyanathan, New business development, cardiology solutions, Philips, UAE
Sean Hughes, Head of design, Philips, USA

11.05 **Project CityZen – designing health opportunities for Brazil's cities**

Michael Wilkinson PhD, CEO, Inavya, UK
Peter Sahota PhD, Scientist, Inavya, UK

11.25 **Designing healthy, high-density urban environments – a toolkit for success**

Mina Hasman, Associate, architecture, Skidmore, Owings & Merrill (SOM) (Europe), UK
Meiring Beyers, Co-founder, director, engineering, Klimaat Consulting & Innovation, Canada
Daniel Ringelstein, Director, urban planning, SOM (Europe), UK
Co-author: Gareth Edwards, Associate, urban planning, SOM (Europe), UK

11.45 **Lifespace mobility among community-dwelling older adults in Singapore**

Ho Soon Hoe, Research officer, Geriatric Education and Research Institute (GERI), Singapore
Wong Lok Hang, Research officer, GERI, Singapore
Wong Chek Hooi, Deputy exec director, GERI, Singapore
Co-author: Tan Pey June, Research officer, GERI, Singapore

12.05 **Panel discussion**

12.30–14.00 **LUNCH, POSTER GALLERY AND KNOWLEDGE SPACE**



Session 21

Sustainable urban mobility

Chair: Harry Knibb, WSP, UK

14.00 **Travel, approach, enter! A three-step framework to analyse and co-create inclusive public space**

Marianne Halblaub Miranda, Research associate, Department of Architecture, Technische Universität (TU)Darmstadt, Germany
Co-authors: Martin Knöll, Professor, Department of Architecture, TU Darmstadt, Germany
Sabine Hopp, Professor, Department of Architecture, TU Darmstadt, Germany

14.20 **Importance in unlocking the potential to create sustainable train stations / transport hubs in our main towns and cities**

Azhar Quaiyoom, Director / consultant, Q Sustain, UK

14.40 **Elevating humanity to optimise the mobility revolution**

Beth Zacherle, Strategic innovation designer, HDR, USA
Kaia Nesbitt, Development practice leader, HDR, USA

15.00 **Panel discussion**

15.30–16.00 **COFFEE, POSTER GALLERY AND KNOWLEDGE SPACE**

Stream 6 will be brought to a close at 17.00, whereupon delegates are invited to return to the Wolfson Theatre for the day's closing plenary session (17.00–17.45).



Session 22

Accessible urban mobility for all

Chair: Dr Stephane Sadoux PhD, LabEx AE&CC, Grenoble Alpes University, France

16.00 **Housing and neighbourhood environment, and children's independent mobility: a pilot study and test-retest reliability of an instrument**

Lingyi Qiu, PhD student, Department of Architecture, Texas A&M University, USA
Xuemei Zhu PhD, Associate professor, Department of Architecture, Texas A&M University, USA

16.20 **Urban mobility policies, and extra-small and low-cost interventions for promoting quality of urban life of people with Autism Spectrum Disorder**

Valentina Talu, Research fellow, Department of Architecture, Design and Planning, Alghero, University of Sassari, Italy
Giulia Tola, PhD student, Department of Architecture, Design and Planning, Alghero, University of Sassari, Italy

16.40–17.00 **Panel discussion**

- P01 Healthy placemaking: finding our strengths**
Marcus Grant (UK)
- P02 A plan for a healthy Old Kent Road: moving social regeneration from theory to action to impact**
Simon Bevan (UK), Professor Kevin Fenton (UK)
- P03 Healthy building toolkit**
Harry Knibb (UK)
- P04 Playful distractions to improve wellbeing in urban design: a case study from pop-up interactive art installations along the River Foyle in Derry/Londonderry, Northern Ireland**
Dr Jak Spencer (UK), Ralf Alwani (UK), Dr Jo-Anne Bichard (UK), Jonathan West (UK)
- P05 Jogographies: using urban and green infrastructure to encourage running**
David McKenna (UK)
- P06 Capturing community voices, putting the 'social' into regeneration**
Professor Kevin Fenton (UK), Jin Lim (UK)
- P07 Using i-Tree to inform a strategic approach for future management of Ealing's urban forest**
Ellen Osborne (UK), Kenton Rogers (UK), Kieron Doick (UK), James Watson (UK)
- P08 Community, place and wellbeing: evidence from the What Works Centre for Wellbeing**
Rhiannon Corcoran (UK), Anne-Marie Bagnall (UK), Jane South (UK)
- P09 Designing for individual health – how can designers use emotions to promote positive behaviour change?**
Stephanie Hewitt (UK)
- P10 Connected by design: best practices for human connectivity in an increasingly disconnected urban world**
Peter Mandeno (UK), Weston Baxter (UK), Marco Aurisicchio (UK)
- P11 Spatial planning for health: an evidence resource for planning and designing healthier places**
Andre Pinto (UK), Dr Paul Pilkington (UK), Emma Bird (UK), Janet Ige (UK)
- P12 Designing accessible, clean and safe systems to travel**
Jo Baker (UK), Julie James (UK), Brian Niven (UK)
- P13 Fitzpark: demonstrating the value of green space through temporary public realm installations**
Emily Woodason (UK), Lidia Lewis (UK), Simon Green (UK)
- P14 Gracefully ageing in place**
Gail Borthwick (Canada)
- P15 Delivering the benchmark for wellbeing in future quality-housing growth in the West Midlands**
Simon Hall (UK), Deborah Harkins (UK), Karen Saunders (UK), David Warburton (UK)
- P16 Equity in amenities: corollary to urban housing in India**
Sridevi Rao (India)
- P17 The urban hospital: how an intervention in the core of a city can heal the urban environment**
Nicola Paltrinieri (Spain)
- P18 Essentiality of hHMI (harmonising Human-Material-Interaction) within urban mobility systems**
Shalini Sahoo (UK)
- P19 Housing and transportation cost: the fundamental combination in determining affordability**
Raja Noriza (Malaysia), Noor Atiqah Nadar (Malaysia), Rustam Khairi (Malaysia)
- P20 Stimulating active usage of open spaces through urban acupuncture – insights from Darmstadt**
Gladys Vasquez Fauggier (Germany), Martin Knöll (Germany), Marianne Halblaub Miranda (Germany)
- P21 Data, data everywhere but not a space to think**
Philip Symonds (UK), Paul Wilkinson (UK), Michael Davies (UK), Nicole Zimmermann (UK)
On behalf of the CUSSH (Complex Urban Systems for Sustainability and Health) consortium
- P22 Design for psyche and body: landscape as therapy in healthcare**
Alicia Gomez Jimenez (UK)
- P23 The utility of case studies in building an evidence base for improving public health**
Rebecca Willans (UK), Karen Saunders (UK)
- P24 Designing for air quality and health**
James Bellinger (UK)
- P25 Mapping climate disadvantage for London's care provision**
Anna Mavrogianni (UK), Rokia Raslan (UK), Eleni Oikonomou (UK), Adam Dennett (UK)
- P26 Planning a healthy, innovative and sustainable medical city in the Gulf Region**
C Carson Shearon (USA), Troy Hoggard (USA), Kevin Dunphy (USA), T Christopher Cooper (USA)
- P27 Healthy city: exploring the relationship between urban design and air pollution in London**
Zhiwen Luo (UK), Hiu Tong Law (UK), Julie Fletcher (UK), Gerald Mills (Ireland)

- P28 Performative landscapes: partnering design and the natural sciences to support the complex ecologies of urban environments**
David Kamp (USA)
- P29 Wellbeing and social ergonomics in workplace design**
Mark Catchlove (UK), Bertie Van Wyk (UK)
- P30 Inspirational, not institutional: the impact of desirable accessible design**
Edward Warner (UK), Carly Dickson (UK)
- P31 An ecosystemic framework to develop critical socio-cultural learning niches in the contemporary world**
André Francisco Pilon (USA)
- P32 From fictional cities to the cities of tomorrow: the need to green and redesign an urban world for a sustainable future**
Papa Francesco (UK)
- P33 Environmental health and chronic underdevelopment**
Philip Tembo (UK)
- P34 Integrating health assessment into spatial planning and major developments**
Jenny Dunwoody (UK)
- P35 Wellbeing, inequality and the role of urban form**
Aissa Sabbagh (UK), Dr Chris Boyko (UK)
- P36 Churchwood Gardens**
Rosa Gimeno (UK), Paul O'Neill (UK)
- P37 The hospital left behind: an investigation into the creative re-use of ageing healthcare infrastructure**
H Scot Latimer (USA), Randy Guillot (USA)

- P38 Sustainable gardens: resilient plants and healthy people**
Ellen Vincent (USA)
- P39 Designing for the challenges of life: learning from palliative care settings**
Susanne Siepl-Coates (UK), Sally J Augustin (USA)
- P40 Engaging communities to make the case for non-communicable disease prevention within their built environments**
Christine Hancock (UK)
- P41 Building healthy cities**
Ben P Lee (USA), Erin Sharp Newton (USA)
- P42 Could urban national parks deliver salutogenic cities?**
Tim G Townshend (UK), Maggie Roe (UK), Clive Davies (UK)
- P43 Healthy placemaking: breathing life into our cities**
Fred London (UK), Rebecca Taylor (UK)
- P44 Healthful landscape: environmental design in Australian aged care facilities**
Mimi Tsai (Australia)
- P45 Future homes: working in an open innovation platform to create change**
Rose Gilroy (UK)
- P46 Promoting healthier cities, towns and communities in the province of Barcelona**
Josep R Torrento Marselles (Spain), Eloi Juvillà Ballester (Spain), Catalina Chamorro Moreno (Spain), Sonia Chavero Bellido (Spain)



PROGRAMME COMMITTEE

**Rachel Cooper OBE**

Professor of design management and policy, Lancaster University, UK

**Helen Pineo PhD candidate**

Associate director – cities, BRE, UK

**Dr Layla McCay MD**

Director, Centre for Urban Design and Mental Health, UK

**Dr Janice Barnes PhD, LEED AP**

Principal and director of resilience, Waggoner & Ball, USA

**Sean Hughes**

Vice-president and head of design consulting, Philips, USA

**Christine Hancock**

C3 Collaborating for Health, UK

**Dr Montira Pongsiri PhD, MPH**

Senior research associate, environmental change-human health science policy, Clemson University; member, Rockefeller Foundation-Lancet Commission on Planetary Health, USA

**Clare Devine**

Executive director for architecture, built environment and design, CABA, Design Council, UK

**Susanne Pini**

Principal, director of retail and mixed use, HDR, Australia

**Dr Tarsha Finney**

Senior research tutor and programme lead on city design, Royal College of Art, UK

**Derek Clement-Croomes**

Emeritus professor, University of Reading, UK

**Marcus Wilshere**

London masterplanning lead, IBI Group; trustee, Urban Design Group, UK

**Janet Sutherland**

Director, The Academy of Urbanism, UK

**Carolyn Daher MPH**

Co-ordinator, Urban Planning, Environment and Health Initiative, Barcelona Institute for Global Health, Spain

**Giselle Sebag MPH, LEED AP ND**

Urban planning consultant, Bloomberg Associates, USA

**Harry Knibb**

Principal sustainable development consultant, WSP, UK

**Marcus Grant**

Editor-in-chief, Cities and Health, UK

**Katie Wood**

Director, operations consulting and lead on health and wellbeing, Arup, UK

**Dr Stephane Sadoux PhD**

Deputy director, LabEx AE&CC, Grenoble Alpes University, France

Advisory Group

John Zeisel PhD

President, Hearststone Alzheimer Care and the I'm Still Here Foundation, USA

Hugh Barton

Emeritus professor, WHO Collaborating Centre, UWE, UK

Robert Huxford

Director, Urban Design Group, UK

David Green

Director, Perkins+Will, UK

Chris Liddle

Chairman, Covalent Group
Defence and justice director, HLM, UK

Ken Greenberg

Greenberg Consultants, Canada

Rama Gheerawo

Director, Helen Hamlyn Centre for Design, Royal College of Art, UK

Tye Farrow

Farrow Partners, Canada

Sunand Prasad

Trustee, UK Green Building Council
Founding partner, Penoyre & Prasad, UK

For further enquiries on the event programme, sponsorship or exhibition opportunities, contact:

SALUS Global Knowledge Exchange

E: info@salus.global • T: +44 (0)1277 634176

www.healthycitydesign.global

VENUE & HOTEL ACCOMMODATION

THE VENUE: A MODERNIST MASTERPIECE

Founded in 1518, the Royal College of Physician's current headquarters is a Grade 1 listed building in Regent's Park, designed by architect Sir Denys Lasdun and opened in 1964. Considered a modernist masterpiece, it is one of London's most important post-war buildings. In 1992, Sir Lasdun was awarded the Royal Institute of British Architects' Trustee Medal in recognition of his work at the RCP, considered to be "the best architecture of its time anywhere in the world".

Sir Lasdun won the competition to design the new headquarters in 1959. He was surprised at being asked to design for such a traditional body, given his modernist philosophy, and he made it clear that he would not create a classical-style building.

DISCOUNTED ROOM RATES FOR DELEGATES

The Melia White House Hotel still preserves its architectural value as a prime example of late-1930s architecture, offering an eclectic style where contemporary and classic design meet.

After a recent refurbishment, this four-star hotel has 581 rooms, 112 apartments, nine meeting rooms, two restaurants and a bar with a terrace, a fitness centre, and an executive lounge. The hotel benefits from a prime central London location in Regent's Park, within close proximity of London's main attractions and a few minutes walk from the conference venue. The hotel is served by three underground stations – Warren Street, Great Portland Street and Regent's Park – and main train stations including King's Cross St Pancras and Euston Station.

Melia White House Hotel

Classic Single room with breakfast £175

Classic King room with breakfast £220 (double rate: £235)

Executive room all inclusive £265 (double rate: £280)

Executive includes executive lounge access. All room rates are VAT inclusive.

On receipt of your registration, a website link and code will be provided to enable you to book your accommodation at the above rates. Please book early to avoid disappointment.

Please mention **Healthy City Design 2018** when booking.

W: healthycitydesign.global

HEALTHY CITY DESIGN INTERNATIONAL

RESEARCH • POLICY • PRACTICE

15-16 OCTOBER 2018

ROYAL COLLEGE OF PHYSICIANS, LONDON

For online registration and fees, please visit:

W: healthycitydesign.global

Early-bird discounts are available until 6 September 2018, along with special discounts for public-sector delegates

For exhibition space and sponsorship enquiries, contact: info@salus.global



WITH THANKS TO OUR SUPPORTING EVENT PARTNERS AND SPONSORS

Event partners



London Sustainability Exchange



Academic journal partner



Media partner



Silver partners



Knowledge partner



Herman Miller

For further enquiries on the event programme, sponsorship or exhibition space opportunities, contact:

SALUS Global Knowledge Exchange

E: info@salus.global

T: +44 (0)1277 634176

healthycitydesign.global

