



ROYAL COLLEGE OF PHYSICIANS LONDON | 27-28 JUNE 2016

# EUROPEAN HEALTHCARE DESIGN

RESEARCH • POLICY • PRACTICE

## PRELIMINARY PROGRAMME

### VANGUARDS OF CHANGE: CO-DESIGNING SERVICES AND SETTINGS TO IMPROVE QUALITY AND ACCESS

Organised by:



ARCHITECTS FOR HEALTH



Partners

North Bristol **NHS**  
NHS Trust

Guy's and St Thomas' **NHS**  
NHS Foundation Trust

Great Ormond Street **NHS**  
Hospital for Children  
NHS Foundation Trust

Brighton and Sussex **NHS**  
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NHS Trust

University College **NHS**  
London Hospitals  
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Alder Hey Children's **NHS**  
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Register online at

[www.europeanhealthcaredesign.eu](http://www.europeanhealthcaredesign.eu)  
[info@europeanhealthcaredesign.eu](mailto:info@europeanhealthcaredesign.eu)

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# TIMETABLE OF EVENTS

## 25 February 2016

Preliminary programme and online registration launched

## 6 May 2016

Deadline for Early Bird, speaker registration and final manuscripts

## 14 June 2016

Final programme/Book of abstracts published

## Monday 27 June 2016 Congress and Exhibition

Registration: 08.00-09.00

Congress and exhibition: 08.45-18.00

Welcome drinks reception and exhibition: 18.30-20.30

## Tuesday 28 June 2016 Congress and Exhibition

Congress and exhibition: 08.45-18.00

Garden party: 18.30-22.00

## Wednesday 29 June 2016

Study visits to UK health facilities and architectural landmarks

# VANGUARDS OF CHANGE: CO-DESIGNING SERVICES & SETTINGS TO IMPROVE QUALITY & ACCESS

The art of care with compassion, combined with science, technology and innovation can transform healthcare services and systems across Europe

As market instability threatens to derail Europe's recovery from the 2008 financial crisis, there are growing concerns that national governments have failed to make sufficient progress in rebalancing their economies and that central banks are too weak to prevent further financial turmoil. Despite rising costs, health systems across the region are also key growth engines, but they must push on with sweeping reforms to ensure they are robust enough to withstand future economic shocks while being capable of providing better care for societies undergoing significant demographic change.

There have been significant gains in population health, as well as increased life expectancy and higher survival rates from heart attack, stroke and cancer; huge disparities and inequities persist, however, in the distribution and quality of care delivery. Ensuring healthcare is affordable in an ageing society, while improving quality, safety and access to healthcare for all European citizens, set against rising demand and cost pressures, is the region's greatest challenge.

### Global forum, holistic approach

Providing an interdisciplinary forum for policy advisors, researchers and practitioners from around the globe, the 2nd European Healthcare Design 2016 (EHD 2016) Congress & Exhibition will be held on 27-28 June, 2016 at the Royal College of Physicians in London, UK. Organised by Architects for Health and SALUS Global Knowledge Exchange, the congress takes a whole-system approach to redesigning European health systems and services through the exchange of knowledge, research and international

best practice on the relationship between health system and service design, technology and the built environment.

The rapid advancement and convergence of medical science and information technology are creating huge opportunities for redesigning services, generating efficiencies and positively transforming the patient experience, by delivering care in new community-based settings and at home.

Adoption of web-based and mobile technologies that can support better clinical decision-making and enable greater patient and public participation in their own health, combined with the emergence of personalised medicine, is driving the need for more integrated primary and community care systems – creating new multi-specialty community providers and bringing health into the home.

The effective joining-up of services and dissolution of traditional boundaries between different types of care require not only new design thinking but also a more compassionate approach, which both heals the person and cures the disease.

Creating a plan for a whole health and wellbeing system needs clarity and organisation at many levels. A more integrated and compassionate healthcare system, which fosters social cohesion and inclusion, causes less harm and improves wellbeing, requires care to be delivered in settings that are accessible and a part of the cultural landscape of a city, neighbourhood or street. Understanding how new technologies – combined with strategically positioned health-promoting healthcare facilities – can improve quality and access will be a vital ingredient of any sustainable health system.





## Change, transformation and quality improvement

By promoting co-design as a catalyst for change, European Healthcare Design 2016 is supporting a global movement for transformation and quality improvement in healthcare services and settings, by bringing together policy advisors, researchers and practitioners to share knowledge, exemplars and new ideas.

In addition to a full two-day conference programme, the event will host: a welcome reception; an exhibition of the latest design and technology solutions; a breakfast workshop hosted by the Design Council, the Royal College of Art's Helen Hamlyn Centre for Design, and the HELIX Centre; a party in the spectacular gardens of the Royal College of Physicians; and study tours of the UK's most innovative new health facilities.

This year will also see the annual Architects for Health awards relaunched as the European Healthcare Design awards. A short ceremony will take place on day two of the congress, following the final keynote, to recognise those projects that have made the greatest contributions to redesigning services and settings that improve quality and access to healthcare.



**SUSAN FRANCIS**  
Programme director  
Architects for Health



**MARC SANSOM**  
Director  
SALUS Global Knowledge Exchange

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## KEYNOTE SPEAKERS



**NIGEL EDWARDS**  
Chief executive officer,  
Nuffield Trust, UK



**GARY COHEN**  
Founder and president, Health Care Without Harm, USA



**SAMANTHA JONES**  
Director – new care models programme,  
NHS England, UK



**IAN BULLOCK**  
Chief executive officer, Royal College of Physicians, UK



**JOHN ZEISEL**  
President and founder,  
Hearthstone Alzheimer Care, and The I'm Still Here Foundation, USA



**LORD NIGEL CRISP**  
Independent crossbench member,  
House of Lords; senior fellow,  
Institute for Healthcare Improvement;  
former chief executive, NHS in England; former permanent secretary, Department of Health, UK

# EUROPEAN HEALTHCARE DESIGN 2016: DAY 1

08.00 REGISTRATION OPENS



## SESSION 1

Health policy, service design and quality improvement

Chair: **Richard Darch**, Capita Property and Infrastructure, UK

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**CAPITA**

08.45 Welcome and introduction

**Susan Francis**

Architects for Health, UK

09.00 Keynote address: Design principles for service delivery

**Nigel Edwards**

CEO, Nuffield Trust, UK

09.25 Keynote address: New models of care: transforming quality, access, efficiency and patient experience

**Sam Jones**

Director – new care models programme, NHS England, UK

09.50 Keynote address: Hospitals without walls: the future of health

**Ian Bullock**

CEO, Royal College of Physicians, UK

10.15 Panel discussion

10.30 COFFEE, EXHIBITION AND POSTER GALLERY



## SESSION 2

Innovations in health system and service design

Chair: **Sylvia Wyatt**, Scottish Collaborative Innovation Partnership Process, UK

11.00 Understanding patient demand: a better way to make the NHS work

**Hamish Dibley**

Independent management consultant, Dibley Consulting, UK

11.25 Joining forces for innovation: connecting the strength between hospital, general practitioner and district care around the patient

**Jack Thiadens**

CEO, and Petra Huiskamp, secretary of the board, Antonius General Hospital & Homocare, Netherlands

**Petra Huiskamp**

Secretary of the board, Antonius Caregroup, Netherlands

**Theo Bakker**

GP, Regional Union of General Practitioners, Netherlands

11.50 The 2030 plan: processes and tools for system-wide health service, infrastructure and master planning

**Denise Blackwell**

Principal, Blackwell Management Group, Canada

**David Mador**

Vice-president and medical director – Northern Alberta, Alberta Health Services, Canada

**Robin Snell**

Principal, Parkin Architects, Canada

**Basel Abdulaal**

Strategic capital planner, Alberta Health Services, Canada

12.15 Panel discussion

12.30 LUNCH, EXHIBITION AND POSTER GALLERY





## SESSION 3

International hospital design:  
urban, cultural and economic  
centres

**Chair: Chris Shaw**, Architects  
for Health, UK

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| <p><b>14.00</b> <b>The P3 hospital as cultural centre: the architecture and public spaces of the new Centre Hospitalier de l'Université de Montréal</b></p> <p><b>Azad Chichmanian</b><br/>Partner, NEUF Architectes, Canada</p> <p><b>Kevin Sticht</b><br/>Chief operating officer, CannonDesign, Canada</p> | <p><b>14.25</b> <b>A world-class university hospital for a new health system in Stockholm</b></p> <p><b>Charlotte Ruben</b><br/>Architect and partner, White, Sweden</p> | <p><b>14.50</b> <b>Humber River Hospital: automation drives a new standard for healthcare facility design and operations</b></p> <p><b>Jerry Jeter</b><br/>Vice-president / principal, HDR, USA</p> <p><b>Dr Rueben Devlin</b><br/>President and CEO, Humber River Hospital, Canada</p> |
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- 15.15** **Panel discussion**
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- 15.30** **COFFEE, EXHIBITION AND POSTER GALLERY**



## SESSION 4

Service redesign: technology, data  
and architecture

**Chair: Cliff Harvey**, North York General Hospital, Canada

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| <p><b>14.00</b> <b>Designing our way out of emergency</b></p> <p><b>Jonathan Wilson</b><br/>Principal and UK healthcare sector leader,<br/>Stantec, UK</p> <p><b>Ray Pradinuk</b><br/>Principal and head of research, Stantec, Canada</p> <p><b>Drew Digney</b><br/>Executive medical director, Nanaimo, Oceanside and<br/>Alberni-Clayoquot region for the Vancouver Island Health<br/>Authority, Canada</p> | <p><b>14.25</b> <b>Critical care design of tomorrow: how technology fits in</b></p> <p><b>Diana Anderson</b><br/>Dochitect, medical planner, Stantec Architecture, USA</p> <p><b>Neil Halpern</b><br/>Chief, critical care medicine service, Memorial Sloan<br/>Kettering Cancer Center, USA</p> | <p><b>14.50</b> <b>Designing technology: mapping professional healthcare figures with personas for P4 medicine</b></p> <p><b>Sauro Vicini</b><br/>CTO, San Raffaele Scientific Institute, Italy</p> |
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- 15.15** **Panel discussion**



## SESSION 5

Landscape design: nature and the therapeutic environment

**Chair: Susan Francis**, Architects for Health, UK

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|---|--|--|
| <p><b>14.00</b> <b>Healing gardens in healthcare – the necessity of nature</b></p> <p><b>Clare Cooper Marcus</b><br/>Professor emerita, University of California, USA</p> | <p><b>14.25</b> <b>The future of healthcare within or beyond the hospital? Lessons in urban design and the therapeutic environment</b></p> <p><b>Catherine Simpson</b><br/>Urban designer and landscape architect, HLM, UK</p> | <p><b>14.50</b> <b>Healing gardens in Italian architectures for health: a current national panorama's qualitative evaluation</b></p> <p><b>Stefano Capolongo</b><br/>Associate professor, Politecnico di Milano, Italy</p> <p><b>Andrea Rebecchi</b><br/>PhD candidate, Politecnico di Milano, Italy</p> <p><b>Gloria Triboli</b><br/>Student, Politecnico di Milano, Italy</p> <p><b>Monica Botta</b><br/>Architect, Monica Botta Architetto, Italy</p> |
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- 15.15** **Panel discussion**



### SESSION 6

Scientific advances, behavioural insights and social change

Chair: **Liz Paslawsky**, independent consultant, Australia

16.00 **Innovation and social change**

**John Cooper**

Director, John Cooper Architecture, UK

16.25 **Neuro-architecture: how buildings influence the brain, body and behaviour**

**Eve Edelstein**

Director, Human Experience Lab, Perkins+Will, USA

16.50 **Panel discussion**



### SESSION 9

Keynote plenary

Chair: **Jonathan Wilson**, principal and healthcare sector lead, Stantec, UK

17.00 **Keynote address: Hopeful ageing: the power of the arts and design to contribute to a life worth living**

**John Zeisel**

President and founder, Hearthstone Alzheimer Care, and The I'm Still Here Foundation, USA

17.40 **Panel discussion**

17.50 **Closing remarks**

18.30-  
20.30 **EXHIBITION, POSTER GALLERY AND WELCOME DRINKS RECEPTION**

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### SESSION 7

Hospital design: intelligent modelling and mapping

Chair: **Jim Chapman**, Manchester School of Architecture, UK

16.00 **SMART hospital architecture: the development of a data-driven simulation model**

**Johan van der Zwart**

Postdoc Architecture & Health, Norwegian University of Science and Technology (NTNU), Norway

**Tor Åsmund Evjen**

Project manager BIM, St Olav's Hospital, Norway

16.25 **Building better healthcare – technologies to facilitate evidence-based design processes**

**Fraser Greenroyd**

Research engineer, Loughborough University, UK

**Rebecca Hayward**

Senior people flow consultant, BuroHappold Engineering, UK

**Shrikant Sharma**

Group director, BuroHappold Engineering, UK

16.50 **Panel discussion**



### SESSION 8

Elderly care design: community and culture

Chair: **Mungo Smith**, MAAP Architects, Australia

16.00 **Potter Street redevelopment – a paradigm shift in residential care in Australia**

**Allen Kong**

Director, Allen Kong Architect Pty, Australia

16.25 **One-stop multi-services centre**

**Alice Liang**

Principal architect, Montgomery Sisam Architects, Canada

**Helen Leung**

Chief executive officer, Carefirst Group, Canada

**07.30-08.30 Breakfast workshop: Why design matters: a people-centred approach to healthcare**

This workshop will illustrate the importance of a user-centred approach to design in healthcare, and to understand how user-centred design methodologies are applied in practice.

**Organised by:**

Helen Hamlyn Centre for Design, Royal College of Art; Design Council; HELIX Centre, Royal College of Art and Imperial College

**Presenters:**

**John Mathers and Clare Devine**

Design Council, UK

**Rama Gheerawo, Ed Matthews and Jonathan West**

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

**Matthew Harrison**

HELIX Centre, UK

Organised by:



**THE HELEN HAMLYN CENTRE FOR DESIGN**

**08.00 REGISTRATION OPENS**

**SESSION 10**  
Keynote plenary  
Chair: Robin Guenther, Perkins+Will, USA



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**PERKINS + WILL**

**08.50 Welcome and introduction**

**Susan Francis**

Architects for Health, UK

**09.00 Keynote address: Can healthcare heal our communities and the planet?**

**Gary Cohen**

Founder and president, Health Care Without Harm, USA

**09.30 Panel discussion**

**Gary Cohen**

Founder and president, Health Care Without Harm, USA

**David Pencheon**

Director, NHS Sustainable Development Unit, NHS England and Public Health England, UK

**10.15 COFFEE, EXHIBITION AND POSTER GALLERY**

**SESSION 11**  
International hospital design: supportive and sustainable settings for children  
Chair: John Cole, Queens University Belfast, UK



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**AECOM**

**10.45 Creating successful places – a vision for sustainable user-centred design**

**Benedict Zucchi**

Director of architecture, BDP, UK

**11.10 Innovation and the new Alder Hey Children's Hospital**

**David Powell**

Development director, Alder Hey Children's NHS Foundation Trust, UK

**Iain Hennessey**

Consultant paediatric and neonatal surgeon, Alder Hey Children's NHS Foundation Trust, UK

**David Houghton**

Project manager, Alder Hey Children's NHS Foundation Trust, UK

**Ged Couser**

Architect director, BDP, UK

**11.35 How things have changed: a 10-year comparison of three iconic Australian hospital developments**

**Keith Davis**

Director, health services, Norman Disney & Young, Australia

**Alex Rodger**

Director, Norman Disney & Young, Australia

**12.00 Designing supportive settings for children and families**

**Hieronymus Nickl**

Architect, Nickl & Partner Architekten AG, Germany

**12.25 Panel discussion**

**12.45 LUNCH**

# EUROPEAN HEALTHCARE DESIGN 2016: DAY 2



## SESSION 12

Masterplanning across primary, acute and social care

Chair: **John Hicks**, AECOM, UK

13.45 **Learning from Ghana**

**Polly Barker**

Project director, TP Bennett LLP, UK

**Fred Hsu**

Deputy chairman, NMS International Group, UK

**Matt Jordan**

Head of environmental compliance, NMS Infrastructure, UK

14.10 **A tale of three campuses: a study of healthcare master plans in Singapore**

**Yvonne Lim Lai Yong**

Deputy director, MOH Holdings, Singapore

**Norman Wu Wing**

Director, MOH Holdings, Singapore

**Kelly Hi, manager**

MOH Holdings, Singapore

14.35 **Harnessing flexible infrastructure to support the 'Five-year forward view'**

**Steven Peak**

Director, Vanguard Healthcare Solutions, UK

**Mary Smallbone**

Managing director Europe, Vanguard Healthcare Solutions, UK

**Stuart Lloyd**

Urological surgeon, Lloyd's Healthcare Solutions, UK

**Sarah Lloyd**

Anaesthetist, Lloyd's Healthcare Solutions, UK

15.00 **Panel discussion**

15.15 **COFFEE, EXHIBITION AND POSTER GALLERY**



## SESSION 13

Health capital investment, planning and design

Chair: **Matthew Tulley**, Great Ormond Street Hospital, UK

13.45 **A new capital investment model for Canada**

**Cliff Harvey**

Vice-president, North York General Hospital, Canada

14.10 **University College London Hospitals NHS Foundation Trust (UCLH) – the cancer services journey through transformation and innovation**

**Kieran McDaid**

Director of capital, estates and facilities, UCLH, UK

**Tracey Middleton**

Deputy director, capital planning and strategic estates development, UCLH, UK

**Alison Fawthrop**

Head of healthcare planning, capital planning and strategic estates development, UCLH, UK

14.35 **Authoring for advocacy: experiences of writing a design brief on behalf of patients, families and staff at Great Ormond Street Hospital for Children**

**Stephanie Williamson**

Deputy director, Great Ormond Street Hospital for Children NHS Foundation Trust, UK

**Louisa Desborough**

Communications project manager, Great Ormond Street Hospital for Children NHS Foundation Trust, UK

15.00 **Panel discussion**



## SESSION 14

Building the research base: workplace and patient room design

Chair: **Jill Maben**, King's College London, UK

13.45 **Physical design strategies to reduce patient falls**

**Debjayoti Pati**

Professor and Rockwell endowment chair, Texas Tech University, USA

14.10 **Design matters for nurses: the role of workplace design in nurse attraction and retention**

**Kieren Morgan**

Principal, Hassell, UK

**Michaela Sheahan**

Researcher, knowledge and sustainability, HASSELL, UK

**Lucio Naccarella**

Chief investigator, health systems and workforce unit, University of Melbourne, Australia

**James Buchan**

Global advisor, Queen Margaret University, Edinburgh, UK

14.35 **Expected and unexpected: what we learn about neonatal intensive care unit design through behavioural observations of nurse activities**

**Xuemei Zhu**

Associate professor, Texas A&M University, USA

**Yilin Song**

PhD student, Texas A&M University, USA

15.00 **Panel discussion**



## SESSION 15

**Mental health design: compassion, culture and community**

Chair: **Chris Liddle**, HLM, UK

- 15.45 Culturally responsive design for mental health – a case study of the competition-winning design for a new psychiatric hospital at Al Wakrah for the Hamad Medical Corporation in Doha, Qatar**
- Mungo Smith**  
Director, MAAP Architects, Australia

- 16.10 Outpatient, outreach: reframing urban design and mental health**
- Guela Solow-Ruda**  
Partner, ARK, Canada

- 16.35 Panel discussion**



## SESSION 16

**Environmental health and sustainable design**

Chair: **Duane Passman**, Brighton & Sussex University Hospitals NHS Trust, UK

- 15.45 Dell Children's Hospital: innovation and sustainable design of the world's first LEED Platinum hospital**
- Nolan Rome**  
Senior vice-president and business development leader, WSP | Parsons Brinckerhoff, USA

- 16.10 Supporting human + environmental health**
- Colin Rohlffing**  
Vice-president/director of sustainable development, biophilia, HDR, USA
- Lily Livingston**  
Sustainable leader, biophilia, HDR, USA

- 16.35 Panel discussion**



## SESSION 17

**Humanising healthcare: art, poetry and culture**

Chair: **Susan Francis**, Architects for Health, UK

- 15.45 Creative approaches to engagement ease transition and support a culture of care at Southmead Hospital Bristol**
- Jane Willis**  
Director, Willis Newson, UK
- Ruth Sidgwick**  
Arts programme manager, North Bristol NHS Trust, UK

- 16.10 Artists, poets and curators in hospitals: only a distraction**
- Sue Ridge**  
Artist and lecturer, Chelsea College of Arts, UK
- John Davies**  
Poet, UK

- 16.35 Panel discussion**

## SESSION 18

**Keynote plenary**

Chair: **Chris Liddle**, HLM, UK

- 16.45 Keynote: Designing for quality improvement in mental health services: the findings of the Commission on Acute Adult Psychiatric Care**

**Lord Nigel Crisp**

Independent crossbench member of the House of Lords; senior fellow at the Institute for Healthcare Improvement; former chief executive of the NHS in England; and former permanent secretary of the UK Department of Health, UK

- 17.25 European Healthcare Design Awards 2016**

- 17.50 Closing remarks**

**Susan Francis**

Architects for Health, UK

- 18.30 GARDEN PARTY**

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# POSTER PRESENTATIONS

P01	<b>Beyond the counselling workspace: spaces of significance in treatment of self-harm</b> Stephanie Liddicoat, Australia	P11	<b>The 10 biggest errors when choosing hospital flooring</b> Carsten Klever, Germany; Guy Stanton, UK	P21	<b>Developing design guidelines for healthcare facilities</b> Kurt Rockstroch, USA; Doug Erickson, USA
P02	<b>Healthy circulation – an investigation into the design, impact and efficiency of circulation spaces in healthcare environments</b> Marc Levinson, UK	P12	<b>Health ironies – practising civic stewardship</b> Arthur Acheson, UK; Marianne O'Kane Boal, UK	P22	<b>The dark side of healthcare facility design without comprehensive and continuous interference of healthcare facility planning – aspects and concepts</b> Evangelos Chrysafides, Greece
P03	<b>The elephant in the room</b> H. Scot Latimer, USA	P13	<b>Design-driven co-design of healthcare architecture</b> Professor Peter Fröst, Sweden; Johanna Eriksson, Sweden; Göran Lindahl, Sweden	P23	<b>A way to optimise wellbeing benefits of gardens in healthcare facilities</b> Shulin Shi, Hong Kong
P04	<b>Selecting therapeutic images for people in pain</b> Ellen Vincent, USA	P14	<b>New QEII Hospital – a local hospital for a garden city</b> Peter Liddell, UK; Jacqui Bunce, UK	P24	<b>A five-star service as standard: service design strategies for improving cancer care</b> Jocelyn Bailey, UK; Zoe Stanton, UK
P05	<b>Interior elements required to relax users of family houses in Japan</b> Junko Abe-Kudo, Japan	P15	<b>Children's hospital experiences</b> Neil Orpwood, UK	P25	<b>Meeting the terror challenge – improved health services planning for a large-scale terrorist attack</b> Richard Look, UK; Shrikant Sharma, UK; David Greenwood, UK
P06	<b>The art of sustainability</b> Susie Hall, UK	P16	<b>Assessing the complexity of a healthcare facility: an evaluation tool for reaching economic, social and environmental sustainability in hospital buildings</b> Stefano Capolongo, Italy; Maddalena Buffoli, Italy; Marco Gola, Italy; Andrea Rebecchi, Italy	P26	<b>Healthcare architecture as infrastructure: implications for the US Department of Defense, Defense Health Agency</b> Thomas D Kurmel, USA; John A Becker, USA; Stephen Kendall, USA
P07	<b>Repeatable rooms and standardised components achieve clinical and cost efficiencies at Scarborough Hospital</b> David Kershaw, UK; James Hayward, UK	P17	<b>Out-of-hospital emergency care: developing a model based on evidence from patients, family members and professionals</b> Päivi Leikkola, Finland; Riitta Mikkola, Finland; Mari Salminen-Tuomaala, Finland; Eija Paavilainen, Finland	P27	<b>The choreography of care</b> Cressida Toon, UK; Gary Toon, UK; Agata Zamasz, UK
P08	<b>Biophilic design: the benefits for all of connecting healthcare spaces with nature</b> Ged Couser, UK	P18	<b>Evaluation of hospital design strategies for future change</b> Nirit Putievsky Pilosof, Israel ; Yehuda E Kalay, Israel	P28	<b>The city and the hospital: the role of outdoor public space</b> Valentina Napoli, Italy
P09	<b>National policies for the inclusion of service users back into the neighbourhood</b> Evangelia Chrysikou, UK	P19	<b>Shaping environments for the future – a look at Guernsey's mental health service</b> Andrew Street, UK	P29	<b>Implementing the transformation of pathology services – a case study</b> David Gibbs, UK; Martin Ruerup, UK; Brendan Hanrahan, UK
P10	<b>Application of building information modelling (BIM) to the design, construction and operations management of a complex proton-beam therapy facility in central London</b> Paulina Zakrzewska, UK; Tahir Ahmed, UK; Kieran McDaid, UK; Michael Pitt, UK	P20	<b>The P21+ repeatable rooms and standard components programme: the service user perspective</b> David Kershaw, UK	P30	<b>The power of patient, staff and community involvement in master planning for mental health and addictions: a Lean-led approach</b> Gina Kish, USA; Barbara Miszkiel, USA; Isobel Keefe, USA

P31	<b>The future of healthcare is via shared care: how health system planning must incorporate continuum of care, technology and social management in the delivery of care</b>  Jason Busby, UK; Victor LeClere, US	P40	<b>Designing for community-specific mental health – the Australian context</b>  Tracy Lord, Australia	P50	<b>A social sustainability approach to evidence-based birth environment design</b>  Mette Blicher Folmer, Denmark; Karin Jangaard, Denmark
P32	<b>Best practices for integrated technologies in healthcare facilities</b>  Katie Wood, Canada; Justin Trevan, Canada	P41	<b>Nothing is certain, except change: a case study of AZ Turnhout in Belgium</b>  Coen van den Wijngaart, Belgium; Stephane Vermeulen, Belgium; Xaveer De Geyter, Belgium	P51	<b>Intergenerational puppetry with elders living with dementia: a drama-therapy approach</b>  Mayra Stergiou, UK; Eirini Dermitzaki, UK
P33	<b>Art as a critical component in experience design for healthcare environments</b>  Kate Rose, USA	P42	<b>Patient flow: design to improve patient flow through acute medicine</b>  Lais de Almeid, UK; Gianpaolo Fusari, UK; Ed Matthews, UK; Derek Bell, UK	P52	<b>Negotiation in design: a participatory process in designing healthcare facilities of public hospitals in Thailand</b>  Soranart Sinuraibhan, Thailand; Saithiya Ramasoot, Thailand; Supreeya Wungpatcharapon, Thailand; Kuanchai Kakaew, Thailand
P34	<b>More than just a broken body</b>  Moritz Spellenberg, UK; Thomas Best, UK; Kathryn Childs, UK	P43	<b>Future ICU: improving the patient experience of critical care</b>  Gabriele Meldaikyte, UK; Gianpaolo Fusari, UK; Ed Matthews, UK; John Goldstone, UK	P53	<b>Landscapes for health: whose values, whose benefits?</b>  Bridget Snaith, UK
P35	<b>Evidence, intuition, dialogue: how knowledge is gained</b>  Stefan Lundin, Sweden	P44	<b>The value of evaluating 100% single-room hospitals – comparative insights from across Northern Europe</b>  Liesbeth van Heel, Netherlands; Jill Maben, UK; Marte Lauvsnes, Norway	P54	<b>Community and the new Alder Hey Children's Hospital</b>  David Powell, UK; David Houghton, UK
P36	<b>Design innovation in emergency care</b>  Paul Bell, UK	P45	<b>Fitting a proton-beam therapy facility into your building</b>  Jill Reay, UK; Robert Hill, UK; Fearnley Evison, UK	P55	<b>Integrated ecosystems (healthcare ecosystems + integrating across boundaries)</b>  David Grandy, USA; Christoph Gatermann, Germany
P37	<b>Personalised and person-centred care: how will the new ICU design enhance possibilities for compassionate care</b>  Liesbeth van Heel, Netherlands; Margo van Mol, Netherlands	P46	<b>Architecture as medicine: the importance of architecture for treatment outcomes in psychiatry</b>  Stefan Lundin, Sweden	P56	<b>Co-designing hospital buildings to promote users' wellbeing</b>  Min Hi Chun, UK
P38	<b>Art and design for health: a model for building innovation capacity to promote dignity and support inclusion</b>  James Moxey, UK; Ross Head, UK	P47	<b>Inspiring hope through design</b>  Charles Stokes, UK	P57	<b>Bringing proton beam therapy to the UK</b>  Franko Covington, UK; Ranald MacKay, UK
P39	<b>The evolution of the global healthcare economy: how and why Western providers must establish and design systems of care to improve health and mitigate risks</b>  Jason Busby, UK; Victor LeClere, USA; Jerry Darby, USA	P48	<b>How do clinical institutions develop flexible clinical-care clusters to encourage future disruptive discoveries to improve patient care?</b>  Louis Meilink, Jr, USA; Christine Grimes, USA	P58	<b>Engaging interiors</b>  Velimiria Drummer, UK; Lynn Befu, USA
		P49	<b>The need to embrace change: rethinking the acute hospital building</b>  Raquel Huelin, Australia		

# THE PROGRAMME COMMITTEE



**Susan Francis BA, AA Dip,  
MARCA, programme director,  
Architects for Health, UK**

Susan is a qualified architect and programme director for Architects for Health. Previously, Susan was special advisor for health and led the NHS Design Review Programme at the CABE (Commission for Architecture and the Built Environment).



**Professor Jill Maben PhD, OBE,  
professor of research in nursing, King's  
College London, UK**

Jill is a nurse and social scientist in the Florence Nightingale Faculty of Nursing and Midwifery at King's College London. Jill's research focuses on the healthcare workforce, particularly the quality of the work environment and its effects on patient care quality and experience.



**Stephen Wright, executive  
director, European Centre for  
Health Assets and Architecture,  
Luxembourg**

In 2009, Stephen founded the European Centre for Health Assets and Architecture as a research and strategic advisory organisation concerned with the interface between the built environment and delivery of healthcare.



**Agnès Couffinhal, senior economist,  
OECD, France**

Agnès is an economist who specialises in health systems and health policy, and has extensive experience in analysing health system performance and providing support for low, middle, and high-income countries. She currently works for the OECD in its health division, and previously worked for the World Bank and the World Health Organization.



**Sylvia Wyatt, co-producer,  
Scottish Collaborative Innovation  
Partnership Process, UK**

Sylvia has broad experience of health and care strategy and innovation, with skills in strategic healthcare change, policy and practice, qualitative research, asset management, innovation and social enterprise.



**John Cooper BA, Dip Arch Cantab, ARB  
RIBA, director, John Cooper Architecture  
(JCA), UK**

John has been a principal in practice for 32 years. In 2009, he set up JCA, which has since designed hospital projects in the UK, Ireland, South Africa, Iceland and Australia. He is a former chair of Architects for Health.



**Professor Christine Nickl-Weller, Berlin  
University of Technology, Germany**

After graduating with a degree in architecture from Technical University of Munich, Christine joined Nickl & Partner Architekten AG in 1989 and became chief executive officer in 2008. In 2004, she was appointed Professor at the Berlin University of Technology.



**Dr Jo Bibby PhD, director of  
strategy and innovation, Health  
Foundation, UK**

Jo has worked in healthcare for 22 years, including 10 years at the Department of Health. As head of NHS Performance, she oversaw the implementation of the policy agenda set out in the NHS Plan.



**Dr Matthew Tulley PhD, development  
director, Great Ormond Street Hospital,  
UK**

Matthew is responsible for the redevelopment of Great Ormond Street Hospital. Previously, he held the position of project director for the £1bn new hospital scheme at the Barts and New London NHS Trust.



**Anja Leetz, executive director,  
Health Care Without Harm  
Europe, Belgium**

Anja serves as the executive director for Health Care Without Harm Europe, a non-profit organisation working with the health sector to help it become more sustainable. Anja has 14 years of experience working for a number of environmental organisations in the UK and Belgium.



**Professor John Cole CBE, Queens  
University Belfast, UK**

John Cole is an architect and held the position of deputy secretary in the Department of Health, Social Services and Public Safety in Northern Ireland until 2013. From 2008 to 2012, he was chairman of the European Health Property Network. In 2013, he was awarded a CBE.



**Robin Guenther FAIA LEED fellow,  
principal, Perkins + Will, USA**

Working at the intersection of healthcare architecture and sustainable policy, Robin is a practising architect and author, principal of Perkins+Will, and senior advisor to Health Care Without Harm in the USA.

## Organising Committee

**Marc Sansom**, director,  
SALUS Global Knowledge Exchange, UK

**Chris Shaw**, director,  
Medical Architecture, UK

**Jonathan Erskine**, director,  
European Health Property Network, UK

**Nicki Roessler**, executive associate,  
SALUS Global Knowledge Exchange, UK

**Andrew Sansom**, editor,  
SALUS Global Knowledge Exchange, UK

**Claudia Bloom**, director,  
Avanti Architects, UK

**Jim Chapman**, emeritus professor,  
Manchester School of Architecture, UK

**Stephanie Williamson**, deputy director of  
development, Great Ormond Street Hospital for  
Children NHS Foundation Trust, UK

**Jane Willis**, director, Willis Newson, UK

**Andrew Jardine**, head of customer experience,  
SALUS Global Knowledge Exchange, UK

# EUROPEAN HEALTHCARE DESIGN 2016 SPEAKERS



## Basel Abdulaal, strategic capital planner, Alberta Health Services, Canada

Basel is chair of the Royal Architectural Institute of Canada (RAIC) – Alberta Chapter. He is capital management lead for the 2030 Plan and Master Plans projects, and is responsible for sustainable master planning across the Edmonton Zone of Alberta Health Services. His research focuses on Lean and simulation in emergency department processes.



## Diana Anderson, architect, medical planner, Stantec Architecture, USA

An architect and a physician trained in internal medicine, Dr Diana Anderson is currently a medical planner at Stantec Architecture. As a architect she combines educational and professional experience in both medicine and architecture, in order to understand the patient, visitor and clinical staff experience in the healthcare environment.



## Theo Bakker, GP, Regional Union of General Practitioners, Netherlands

In addition to his role as a general practitioner, Theo is transmural medical coordinator at the General Hospital in Sneek, Netherlands, and president of the Palliative Network for southwest Friesland. He also sits on an advisory committee for the transfer of care in Friesland, and was a co-founder and committee member of Chaincare Friesland.



## Polly Barker, project director, TP Bennett, UK

Polly is an architect who, since joining TP Bennett in 2002, has worked on more than 20 health projects, including live hospital environments. She has created a range of caring and supportive environments, often accommodating complex technical briefs within sensitive historic buildings. Polly is interested in how health design can improve the patient experience and reduce recovery times.



## Denise Blackwell, principal, Blackwell Management Group Inc, Canada

With more than 40 years' healthcare experience, Denise is an expert in planning, operating, evaluating and improving healthcare facilities and systems. She is currently leading an interdisciplinary consulting team (BlackwellParkin), which is working on a strategy to create an evidence-informed, sustainable, high-performing healthcare system through to the year 2030.



## Azad Chichmanian, partner, NEUF Architect(e)s, Canada

Azad is a partner at NEUF Architect(e)s, a 100-person firm with offices in Montreal and Ottawa. His multi-disciplinary team is currently involved in the completion of the Centre Hospitalier de Montreal (CHUM), in collaboration with CannonDesign, and the Migration du Biodôme museum, in collaboration with KANVA.



## Clare Cooper Marcus, professor emerita in architecture and landscape architecture, University of California, Berkeley, USA

Recognised worldwide for her research on the psychological implications of design, Clare's specialties include affordable housing, environments for children and the elderly, and therapeutic landscapes in healthcare. She has lectured in the UK, Iceland, Sweden, Denmark, Italy, Australia and New Zealand.



## Ged Couser, architect director, BDP, UK

An award-winning architect director, who leads the architect profession group in BDP's Manchester studio, Ged was the project director for the new Alder Hey Hospital project in Liverpool. He sits on the Places Matter North West Design Review panel and is a built environment expert for Design Council Cabe. He is project director for the new Clatterbridge Cancer Centre, also in Liverpool.



## John Davies, poet, UK

Writing poems and using his alter ego Shedman to engage different audiences, John has worked with artist Sue Ridge on two major hospital projects: the 'Our Storeys Poetry Project' at North Middlesex University Hospital, and 'Outside In' for Arts & Healthcare at hospitals in Eastbourne and Hastings. He recently led a haiku workshop for Guy's & St Thomas' NHS Trust in London.



## Keith Davis, director, Norman Disney & Young, Australia

A chartered professional engineer, Keith heads up the health sector for NDY. He has more than 35 years' consultancy experience, mainly in life sciences with a strong focus on hospitals, laboratories and aged care. He built up his own M&E practice in Brisbane, which, after nearly 20 years, merged with a prominent architectural/engineering practice.



## Hamish Dibley, independent management consultant, Dibley Consulting, UK

Hamish Dibley is an independent healthcare thinker and doer. Formerly a management consultant with Ernst & Young and Vanguard Consulting, he has worked in both commissioner and provider settings. Hamish seeks to improve NHS services by acting on the basis of empirical patient demand, rather than activity analysis.



## Eve Edelstein, director, Human Experience Lab, Perkins + Will, USA

With a doctorate in clinical neurophysiology, and a master's in both architecture and anthropology, Eve translates clinical studies into brain-based design principles to enhance human experience. She directs the Human Experience Lab at Perkins + Will, and the DesignHealth CoLab with AIA Design+Health Research Consortium. She also teaches neuro-architecture internationally.



## Tor Åsmund Evjen, project manager BIM, St Olav's Hospital, Norway

Tor has a MSc in cybernetics and is project manager at St Olav's Hospital, with responsibility for facility management and implementation of BIM (building information modelling) in the Central Norway Regional Health Authority. He has experience as a research scientist at SINTEF, with involvement in international projects MNEMOS and IMS Globman.



## Alison Fawthrop, head of healthcare planning, UCLH NHS Foundation Trust, UK

A nurse by background, Alison has spent much of her career in strategic and operational healthcare management. She began specialising in healthcare planning while working for the UK health regulator in registering and inspecting surgical centres. In 2014, Alison was appointed as healthcare planner at UCLH.



## Fraser Greenroyd, research engineer, Loughborough University, UK

Fraser is a research engineer completing an engineering doctorate degree in 'optimising healthcare designs and processes to increase efficiency and improve patient experience' with Loughborough University and BuroHappold Engineering. Fraser works closely with the Smart Space team in BuroHappold, applying academic theory to healthcare projects.

# EUROPEAN HEALTHCARE DESIGN 2016 SPEAKERS



## **Neil Halpern, chief, critical care medicine service, Memorial Sloan Kettering Cancer Center, USA**

Neil is chief of critical care medicine and medical director of respiratory therapy at Memorial Sloan Kettering Cancer Center. He is a professor of medicine and anaesthesiology at Weill Cornell Medical College, and a fellow of the American Colleges of Physicians and Chest Physicians. He is also president of Critical Care Designs, an ICU design consultancy.



## **Cliff Harvey, vice-president, planning, facilities and support service, North York General Hospital, Canada**

Prior to his role at North York General Hospital, Cliff was senior architect for the Ontario Ministry of Health and Long-Term Care. He has expertise in operational planning, design, and construction of health facilities, as well as health systems planning. Cliff is a fellow of the Royal Architectural Institute of Canada.



## **Becky Hayward, senior people flow consultant, BuroHappold Engineering, UK**

Part of BuroHappold's Smart Space team, Becky focuses on optimising the interactions between people, places and processes. Becky leads Smart Healthcare – BuroHappold's specialist service that helps healthcare trusts, architects and planners model the interaction of people with hospital layouts and processes.



## **Iain Hennessey, surgeon, Alder Hey Children's NHS Trust, UK**

Iain Hennessey is a consultant paediatric surgeon and clinical director of innovation at Alder Hey Children's Hospital in Liverpool. Specialising in advanced minimal access surgery, his research interest is the use of simulation to enhance and assess surgical skills. He has built the Alder Hey innovation service into an internationally recognised entity.



## **Kelly Hi, manager, healthcare infrastructure projects division, MOH Holdings, Singapore**

Kelly is an architect and universal design assessor at MOH Holdings in Singapore. She has a keen interest in the research for healthcare and user-centric design, and she is currently involved in the development of design guidelines and evaluation of spatial requirements for Singapore's healthcare facilities.



## **David Houghton, project manager, Alder Hey Children's NHS Trust, UK**

David is a project manager in the Alder Hey in the Park team at Alder Hey Children's NHS Trust. The original driver for the Alder Hey in the Park, David continues to lead on the children's involvement in the design, as well as leading diverse work streams such as art and M&E. He has 30 years of experience in NHS estates management.



## **Fred Hsu, deputy chairman, NMS International Group, UK**

Fred has more than 25 years' board-level commercial experience as a director at The Property Trust, Pittencrieff Petroleum, Belinvest Realty Fund, and Firmin & Sons. He has served on the CBI's national council, and the board and council of Birmingham Chamber of Commerce. In 2000, he was appointed deputy to the Lord Lieutenant of the West Midlands.



## **Petra Huiskamp, secretary of the board, Antonius Caregroup, Netherlands**

Petra has been secretary of the board of Antonius Caregroup since 2010. As well as working in home care, in southwest Friesland, she has held positions at financial services provider Rabobank and in accountancy. She studied business economics at Noordelijke Hogeschool in Leeuwarden, and economics at the State University in Groningen.



## **Jerry Jeter, vice-president and healthcare principal, HDR, USA**

An architect with 34 years' experience, Jerry was project principal for the Humber River Hospital, in Toronto, Canada. Responsible for HDR's architecture, clinical planning, site design, interior design and healthcare consulting design team, Jerry worked closely with Humber's clinical and support staff to achieve their 'lean, green, digital' vision for the facility.



## **Allen Kong, director, Allen Kong Architect Pty, Australia**

Allen has built an international reputation for designing sustainable social architecture. His early work includes disaster relief reconstruction in Afghanistan, and research and design projects for Australian Antarctic bases. More recently, he has worked on specialist accommodation for homeless aged people, and people with dementia and other disabilities.



## **Helen Leung, chief executive officer, Carefirst Group, Canada**

Helen has been chief executive officer of the Carefirst Group since 1994. Last year, the Group completed the construction of the Carefirst One-stop Access Multi-Services Centre, the design of which is based on a model that combines social and medical care services in an integrated manner for easy access.



## **Alice Liang, principal architect, Montgomery Sisam Architects, Canada**

Alice has more than 35 years' design experience in Toronto and abroad. Her experience in healthcare facilities ranges from the planning and design of multiple-phased facility redevelopment for the Centre for Addiction and Mental Health in Toronto, to the implementation of smaller private mental health and seniors' health facilities.



## **Yvonne Lim, deputy director, healthcare infrastructure projects division, MOH Holdings, Singapore**

Yvonne Lim is an architect who specialises in the design and procurement of healthcare facilities. She is involved in the analysis and evaluation of spatial requirements for Singapore's healthcare buildings, as well as developing the Facility Guidelines for Healthcare Infrastructure in Singapore.



## **Lily Livingston, associate, sustainable leader, HDR Architecture, USA**

An architect and sustainable leader, Lily's work has a strong focus on healthcare projects and wellness design. She has held various leadership roles and has received a US Green Building Council Northern California Chapter Advocacy Leader Award, among others. She is also an adjunct professor in sustainable design at the University of Nebraska.



## **Sarah Lloyd, consultant surgeon, Lloyd's Healthcare Solutions, UK**

A consultant anaesthetist at Leeds Teaching Hospitals NHS Trust, Sarah has a wide range of clinical leadership experience within the NHS and as a partner of Circle Health. Her clinical interests include day surgery, pre-operative assessment, consent and the assessment of capacity, and training junior anaesthetists and surgeons.

# EUROPEAN HEALTHCARE DESIGN 2016 SPEAKERS



## **David Mador, vice-president and medical director – Northern Alberta, Alberta Health Services, Canada**

Dr David Mador has joint responsibility for the provision of health services in Northern Alberta and Edmonton Zone, which includes ambulatory care, community-based health services, acute care, and continuing care. He has held numerous medical leadership positions throughout his career and has expertise in IM/IT, quality and capital management.



## **Kieran McDaid, director of capital, estates and facilities, UCLH NHS Foundation Trust, UK**

Kieran is responsible for all estates and facilities, capital investment and property-related activities across the UCLH Trust. He was project director for the £100m Macmillan Cancer Centre, which won the RIBA 'Client of the Year' award in 2013. He is now project director for the £250m Phase 4 hospital redevelopment (proton-beam therapy) centre.



## **Tracey Middleton, deputy-director of capital, estates and facilities, UCLH NHS Foundation Trust, UK**

Tracey leads on capital planning and strategic estate development at the UCLH Trust. With more than 20 years' experience in the NHS, Tracey's early roles focused on operational and general management and, later, change management. Tracey is responsible for UCLH's capital programme management, which is valued at up to £100m a year.



## **Kieren Morgan, principal, HASSELL, UK**

An accomplished designer and innovator, Kieren is project principal for the new Critical Treatment Hospital in Hampshire, and technical advisor for the new Velindre Cancer Centre in Cardiff. Combining practice with teaching, research and design advisory roles, Kieren has been a design review panel member for the Design Commission for Wales and NHS Estates in England.



## **Hieronimus Nickl, architect, Nickl & Partner Architekten, Germany**

Hieronimus joined Nickl & Partner Architekten in 2003 and has worked since 2005 as a project manager and team leader specialising in international projects, joining the firm's managing board last year. In 2008, he completed an MBA in international hospital and healthcare management at the Frankfurt School of Finance and Management.



## **Debajyoti Pati, professor and Rockwell endowment chair, Texas Tech University, USA**

Prior to his current roles at Texas Tech University, Debajyoti was vice-president and director of research at HKS Architects. His research has explored the interactions and intersections between physical design, people and processes in healthcare settings. Twice he has been voted among the 25 most influential people in healthcare design in the US.



## **Steve Peak, sales and business development director, Vanguard Healthcare Solutions, UK**

Steve has worked in the acute hospital sector for 25 years, latterly as chief executive and executive director in large acute/specialist teaching hospitals. He has been part of or led teams delivering major clinical service reconfiguration in a number of acute hospitals. Steve focuses on identifying and creating long-term delivery partnerships.



## **David Powell, development director, Alder Hey Children's NHS Foundation Trust, UK**

With more than 30 years' experience working in the NHS, David joined Alder Hey as development director in December 2012, having previously held development director posts in Bristol and London. In his current role, David acts as project director for the Alder Hey in the Park as well as executive lead for innovation.



## **Ray Pradinuk, principal and head of research, Stantec, Canada**

Ray is the leader of healthcare research and innovation for Stantec and a member of the Vancouver Integrated Healthcare Design Studio. He focuses on the impacts of spatial arrangement on care-process efficiency and staff communications, and on building systems integration strategies for indoor environmental quality and energy conservation.



## **Sue Ridge, artist and lecturer, Chelsea College of Arts, UK**

Sue is an artist and visiting lecturer in fine art at Chelsea College of Art and Design, and was a member of London Arts and Health Forum Executive Committee from 2008 to 2015. She has worked as artist and arts consultant in numerous hospital environments. She is lead artist in First Aid Art, which curates art in hospital settings.



## **Alex Rodger, director, Norman Disney & Young, Australia**

A chartered engineer, Alex has considerable experience of contract procurement, including traditional procurement, design and build, and PFI. A registered low carbon energy assessor, he is also a fellow of the Institute of Healthcare Engineering and Estate Management. He currently leads NDY's healthcare team on the New Children's Hospital project in Perth.



## **Colin Rohlfing, vice-president, director of sustainable development, HDR Architecture, USA**

Colin leads on sustainable design at HDR, promoting quality design efforts among all departments. He also provides global sustainable consulting thought leadership to enhance core services. Colin has held various design and leadership roles, as well as being actively involved with the USGBC, AIA COTE, Biomimicry Guild and the International Living Future Institute.



## **Nolan Rome, senior vice-president and business development leader, WSP | Parsons Brinckerhoff, USA**

Nolan has been responsible for designing greenfield hospitals, major urban hospital expansions, cancer centres and LEED awarded facilities in 14 US states. In 2007, Nolan relocated to Phoenix to grow a new office and served as office managing director until 2015.



## **Charlotte Ruben, partner, White, Sweden**

Charlotte is an architect and partner at White, one of the largest architectural firms in Scandinavia. She began as an urban designer but gradually focused more on healthcare design. In 2006, White won an international competition to design the new university hospital at Karolinska Solna, Stockholm. Charlotte has been team leader from project initiation to completion.



## **Shrikant Sharma, group director, BuroHappold Engineering, UK**

Shrikant leads Smart Space – a BuroHappold service that optimises spaces to enhance utilisation, efficiency and visitor experience in buildings and cities. Shrikant is a consultant on people movement and has led several major crowd-flow consultancy projects in sectors ranging from master planning to hospitals and transport hubs.

# EUROPEAN HEALTHCARE DESIGN 2016 SPEAKERS



## Michaela Sheahan, researcher, HASSELL, UK

Michaela works with HASSELL designers, industry and academic partners to develop research that contributes to the design of projects in the UK, Australia and Asia. In 2014, the National Association of Women in Construction awarded her a scholarship to investigate urban design issues in hospital knowledge precincts around the world.



## Yilin Song, PhD student, Texas A&M University, USA

In December last year, Yilin Song earned a PhD in architecture with a focus on healthcare systems and design from Texas A&M University (United States). Her research interests include neonatal intensive care unit design, sustainable healthcare architecture, and the relationship between the built environment and human behaviours.



## Catherine Simpson, urban designer and landscape architect, HLM, UK

Catherine has international expertise in hospital master planning and therapeutic garden design. Her recent work with HLM includes the masterplan and lead landscape design of a 350-bed teaching hospital in northern Africa. Her portfolio includes the courtyard design of the Gold Coast University Hospital, one of Australia's largest healthcare facilities.



## Mungo Smith, founding director, MAAP Architects, Australia

Mungo has more than 35 years' experience designing buildings in health and social care. He worked with Edward Cullinan Architects on the pioneering Lambeth Community Care Centre, and was later appointed head of design at the Medical Architecture Research Unit, before co-founding MAAP in 1991.



## Robin Snell, principal, Parkin Architects, Canada

As a principal at Parkin Architects, Robin is a healthcare architect with more than 20 years' experience. He is an advocate of evidence-based design (EBD) and leads the Parkin EBD team and post-occupancy evaluation process. Robin is vice-chair of the Canadian Standards Association Technical Committee for Health Care Facilities, and an active member of CSA healthcare design sub-committees.



## Guela Solow-Ruda, partner, ARK, Canada

Guela manages ARK's Toronto architectural practice, which focuses on design for creating healthy communities and includes related arts, master planning, and urban, interior and graphic design. ARK creates integrated environments across the care spectrum, including long-term care, palliative care and community healthcare, establishing a new model for salutogenic design.



## Kevin Sticht, chief operating officer, CannonDesign, Canada

Kevin is project executive for the Centre Hospitalier de l'Université de Montréal (CHUM), working with designers from CannonDesign and NEUF architect(e)s. In his role as COO of CannonDesign, Kevin facilitates the development of the firm's integrated design solutions, managing resources to achieve quality client service and business performance objectives.



## Jack Thiadens, CEO, Antonius General Hospital & Homecare, Netherlands

Jack has been CEO at Antonius General Hospital & Homecare in Sneek since 2014. He has previously been CEO at Laurentius General Hospital in Roermond, Martini Teaching Hospital in Groningen, and Lorentz General Hospital in Zeist. He was also an associate partner of management consultancy Berenschot Group between 2008 and 2009.



## Johan van der Zwart, Postdoc Architecture and Health, Norwegian University of Science and Technology (NTNU), Norway

Johan studied architecture at Delft University of Technology before working as a researcher in landscape architecture. He is studying the Master Healthcare Management at Erasmus University Rotterdam, and in April 2015, he started a Postdoc in Architecture and Health at NTNU.



## Sauro Vicini, CTO, San Raffaele Scientific Institute, Italy

Sauro is leader of City of the Future Living Lab activities in the San Raffaele Scientific Institute of Milan. An ICT programme manager and research scientist in the eServices for Life and Health department, Sauro's research interests include, among others, e-service design, smart cities, personal health systems, and mobile health management applications.



## Stephanie Williamson, deputy director of development, Great Ormond Street Hospital for Children NHS Foundation Trust, UK

Stephanie has worked at a senior level in operations, transformation, programme management and capital projects. She is currently leading a major programme to completely remodel the site of Great Ormond Street Hospital for Children.



## Jane Willis, director, Willis Newson, UK

Founder and director of Willis Newson, Jane has been a pioneer of the arts and health field since 1994, when she set up the Vital Arts programme for Bart's Health NHS Trust. Her projects include a £1.4m arts programme for Southmead Hospital and a £1m public art strategy for Brighton and Sussex University Hospitals NHS Trust's 3Ts development. In 2010, she was honoured by the Royal Society of Public Health.



## Jonathan Wilson, principal and healthcare sector lead, Stantec, UK

Jonathan leads the healthcare sector for Stantec in the UK, developing and directing local and international projects. Jonathan has led a wide range of projects, including clinics, community centres, mental health units, research facilities and large tertiary hospitals. Known as a keen architectural critic, he has served on various advisory bodies.



## Norman Wu, director, healthcare infrastructure projects division, MOH Holdings, Singapore

Dr Wu holds a PhD in civil and environmental engineering. His professional interests include the application of system engineering in large-scale construction projects and facility management. He is currently leading a group of engineers and researchers to develop building information modelling (BIM) and guidelines for healthcare facilities in Singapore.



## Benedict Zucchi, director of architecture, BDP, UK

Benedict leads healthcare design in BDP's London studio. He received the 2008 Prime Minister's Better Public Building Award for Brighton's Royal Alexandra Children's Hospital, the success of which led directly to the commission of the Teaching, Trauma and Tertiary Care Centre (3Ts). Benedict was also project director for the new Alder Hey Children's Hospital in Liverpool.

# 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. Ultimately, he responded to the challenge with a skilful integration of centuries-old traditions and his own modernist vision. As an award-winning and highly versatile venue for conferences, meetings, banquets, training and outdoor events, the building has an atmosphere of space and light, with stylish, contemporary architecture and a selection of both old and new styles.

## 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 such as King's Cross St Pancras and Euston Station.

### Melia White House Hotel

Classic Single with breakfast	£170 (VAT inc.)
Classic Standard room only	£200 (VAT inc.)
Classic Standard with breakfast	£215 (VAT inc.)
Level Executive all inclusive	£260 (VAT inc.)
Level Executive includes executive lounge access	

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 European Healthcare Design 2016 when booking  
[www.europeanhealthcaredesign.eu](http://www.europeanhealthcaredesign.eu)



# STUDY TOURS



Participants in the European Healthcare Design 2016 Congress will get the opportunity to join three unique study tours featuring some of the UK's latest benchmark healthcare projects and architectural landmarks. Places on each tour are limited, so please register early to avoid disappointment.

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## STUDY TOUR 1: LONDON (Maximum 25 participants)

### New Cancer Centre at Guy's Hospital (pictured top and middle left)

Scheduled for completion in autumn 2016, the new Cancer Centre at Guy's Hospital, designed by Rogers Stirk Harbour + Partners and Stantec, will be a hub for southeast London, providing specialist cancer services, training, development and research, which will help improve both cancer treatments and outcomes for patients. Applying a functional, state-of-the-art design, the centre will be divided into 'zones' or 'villages', with most of the related treatment facilities grouped together in one place. Embedded artwork to the fabric and function of the building, together with light and outdoor spaces from balconies within each village, will all play a key part in creating a positive experience for staff, patients and visitors.

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### Architectural walk, South Bank (pictured bottom left)

A guided walk along London's South Bank will be provided for delegates. A relaxing way to get to know the capital, this riverside tour offers several highlights, including a chance to discover the City's origins in Roman times, and opportunities to view the Tower of London, Shakespeare's Globe theatre, gothic churches, famous markets and pirate boats. The tour will also provide the chance to learn about many of the striking new buildings that are transforming London's skyline.

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The organisers are still awaiting confirmation for a further facility to visit as part of this study tour. Further details will be published at [www.europeanhealthcaredesign.eu](http://www.europeanhealthcaredesign.eu)



## STUDY TOUR 2: LONDON (Maximum 25 participants)

### University College London Hospitals (UCLH) (pictured top left)

The day will feature presentations on the key learnings of innovative design and construction techniques applied to UCLH projects, followed by tours of three sites that will deliver pioneering healthcare and treatment. The morning session will provide an overview of UCLH's transformation journey and its approach to building information modelling (BIM). Focus will then turn to understanding the design challenges, solutions and lessons learnt from UCLH's Phase 4/proton-beam therapy (PBT) project – one of only two sites in the UK that will be offering this specialist radiotherapy for cancer patients. The morning agenda will conclude with a look at the Macmillan Cancer Centre, with Steffian Bradley Architects and UCLH introducing the Phase 5 scheme – a pioneering centre for the diagnosis and treatment of conditions affecting the ear, nose, throat and mouth.

### Phase 4 site, Macmillan Cancer Centre, Phase 5 site

The afternoon tour will begin at the Phase 4/PBT viewing deck. The full site is spread over nine floors – five above ground and four below – and involves one of the largest excavations ever seen in London. Taking just over 50 months to complete, the centre will welcome its first patients in 2019. The tour will then move on to the Macmillan Cancer Centre, before a visit to the Phase 5 site. Also scheduled for completion in 2019, the Phase 5 centre will deliver dental, hearing speech and balance services from two floors below ground and five above.

### Lunch at the British Museum (pictured top right)

Providing a refined dining experience with a casual feel, the British Museum's Great Court Restaurant is located on the upper level of the redesigned Great Court, the largest covered public square in Europe. Designed by Foster and Partners, the two-acre space is enclosed by a spectacular glass and steel roof, with the world-famous Reading Room at its centre. The roof was constructed out of 3,312 glass panes, of which no two are the same. (Pictured top right – Credit: elesi/Shutterstock.com)



## STUDY TOUR 3: LIVERPOOL (Maximum 15 participants)

### Alder Hey in the Park (pictured top right)

Opening in October 2015, the new Alder Hey Children's Hospital in Liverpool covers 65,000sqm, contains 270 beds and cost £200m. The layout, by BDP, reflects the specifications of the children who helped steer the design from its inception – in particular, the desire to maintain contact with nature while in the hospital. Featuring green roofs and gardens, the Park wraps itself over and around the building. With an emphasis on high-quality personalised spaces for patients, the design provides 75% single bedrooms and impressive views of the surrounding parkland. The hospital's large technical core has 16 theatres, a 48-bed intensive care unit and a large imaging department.

### Clock View Hospital (pictured top left)

Clock View is the first of several projects identified for locality-based psychiatric services in Merseyside. The overarching aim of these projects is to modernise and de-stigmatise mental healthcare, by placing new facilities in easily accessible locations and helping regenerate the economy. The new hospital provides 80 inpatient beds for adult acute mental health and dementia services, in five pavilion wards – one of which provides a new psychiatric intensive care unit – in a landscaped setting. Each service user has their own private bedroom with ensuite, and access to a wide range of shared therapeutic activities. Each ward has its own safe private garden, accessible at all times.

Agendas for study tours are potentially subject to change, owing to issues beyond the organisers' control. For the most up-to-date information, please visit [www.europeanhealthcaredesign.eu](http://www.europeanhealthcaredesign.eu)

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