

# WORKING GROUP



THE SENSES IN HEALTHCARE  
ARCHITECTURE AND DESIGN:  
DEVELOPING GUIDANCE FOR  
HOSPITALS

# THE BRIEF

*This working group will develop a guidance document for hospitals on sensory architecture and design. We want a guidance document that prompts engagement with ‘good’ sensory design in new-build hospitals and hospital redevelopments. We hope that the guidance can bring together existing expertise on sensory design at a range of scales: from furniture and objects, to arts, interior design and architecture. Members of the working group will be named as co-authors of the finished guidance note, and we will be able to offer some compensation for people’s time/contributions. The working group will meet six times over two years to develop a draft. We will discuss the draft at a conference in 2023 and then seek an extension to our funding in 2024-27 to finalise, produce, and disseminate this guidance.*

This guidance note is developed in partnership with Architects for Health, as part of a UKRI-funded ‘Future Leaders Fellowship’ on the sensory environment of the NHS hospital. The project (‘Sensing Spaces of Healthcare’) explores the sensory past, present and future of NHS hospitals. Many critiques of hospital design claim that we have lost ‘holistic’ design in healthcare and refer to historical examples to make their case, but draw repeatedly on the same few examples (Nightingale wards, sanatoria) and focus on their visual features (colour, light). This project offers a new way of approaching the hospital, for the benefit of hospital historians, designers and users. It focuses on more recent – and under-studied – hospitals of the National Health Service. It also rethinks healthcare environments through the body and the senses, focusing on how places feel and have felt rather than how they look and have looked. This guidance note will be one of the project outcomes, alongside a sensory research ‘toolkit’ for use in hospitals.

# DRAFT SCHEDULE



## **AUGUST 2021**

INITIAL ONLINE PLANNING MEETING.

DECIDE ON BROAD SHAPE OF THE GUIDANCE DOCUMENT & ALLOCATE TASKS.

## **DECEMBER 2021**

ONLINE WORKING GROUP MEETING

## **APRIL 2022**

IN-PERSON MEETING IF POSSIBLE, AND/OR WORKSHOP, LINKED TO THE 'SENSES & HEALTH/CARE ENVIRONMENTS' CONFERENCE IN BRISTOL (4-7 APRIL 2022)

## **AUGUST 2022**

ONLINE WORKING GROUP MEETING

## **DECEMBER 2022**

IN-PERSON WORKING GROUP MEETING OR REGIONAL 'SUB GROUP' MEETINGS TO WORK ON DRAFT

## **2023**

IN-PERSON WORKING GROUP MEETING AND ROUNDTABLE ON A DRAFT (LINKED TO PROJECT CONFERENCE)

# VICTORIA BATES



Dr Victoria Bates is PI on the project ‘Sensing Spaces of Healthcare: Rethinking the NHS Hospital’ (A UKRI Future Leaders Fellowship) and Associate Professor in Modern Medical History at the University of Bristol. She specialises in the social history of medicine and has published widely in the interdisciplinary medical humanities.

# ANNIE BELLAMY



Annie Bellamy is a Lecturer in Architecture at the University of the West of England and a PhD Candidate at the Welsh School of Architecture, Cardiff University whose thesis explores the role of architectural design and co-production in the care environments of in-patient hospices.



# CAROLE CRANE

Now retired, Carole was a hospital architect for over 30 years and has worked with a Healthcare planner for the best part of twenty-five years on the briefing and design principles for hospitals. She is an active member of Architects for Health.

# REBECCA FLEETWOOD-SMITH



Dr Rebecca Fleetwood-Smith's background is in fashion textile design and psychology. She recently completed her PhD conducting research into the significance of clothing and textiles to people with dementia, using sensory and creative research methods. She is interested in the role of the arts, design and creativity in a person's health and wellbeing.

# SARAH JOYCE



Dr Sarah Joyce is Senior Lecturer in Interior Architecture and Design at Leeds Beckett University, UK. Her research interests are woman-centred maternity care, humanizing healthcare architecture, lived experiences, critical spatial practices, and qualitative multisensory research methods.

# HINA LAD



Dr Hina Lad is a practising healthcare architect and researcher with over 20 years of experience in the UK and international healthcare sector. She is currently working for Imperial College Healthcare NHS Trust as a Healthcare Planner, as well as holding the post of Honorary Senior Research Associate at UCL and Directorship with Architects for Health. She specialises in the integration of architectural practice with design research and advance technologies with a particular focus on surgical environments.

# CHRISTINA MALATHOUNI



Dr Christina Malathouni is an architect and architectural historian with extensive experience in twentieth-century architectural heritage. She is currently writing a book on *Public Mental Health Facilities in Post-War Britain, 1948-1973* (Routledge).

# IZZI RAYNAUD



Izzi Raynaud is a fifth-year medical student at Imperial College with a first-class BSc in Medical Humanities. Her interest in historical institutional spaces - asylums and sanatoria - has developed into a passion to improve the environmental aspects of modern healthcare, with a particular focus on how medical spaces affect the wellbeing of patients and professionals..

# ZOE SCHOENHERR



Zoe Schoenherr is a researcher of the behavioural and affective responses in users to the design of hospitals. She has an MSc in Environmental Psychology, and her work on visual impairment and place as a multi-sensory experience was awarded funding from the Leverhulme Trust. She recently worked with Alder Hey Hospital on the design of their new Neonatal Ward.

# EMMA SMYTH



Emma Smyth is an architect with 15 years' experience in healthcare design and research. She endeavours to improve the quality of patient and treatment spaces, noticing the important impact it has on wellbeing and recovery.

# UĞURGÜL TUNÇ



As a PhD researcher at Koç University, Uğurgül Tunç focuses on the history and architecture of hospitals. She is particularly interested in how cultural practices, which involve all five senses, occur in healthcare environments. She is the PI of the 'Birth as a Sensory Experience' study which aims to offer recommendations on how to improve hospital design, sensescapes, and staff training to better accommodate diverse cultural, physiological, and psychological needs of families during birth and delivery.

# RESEARCH TEAMS

# ANN HEYLIGHEN & PLEUNTJE JELLEMA



Photo © Rob Stevens

Professor Ann Heylighen is a design researcher with a background in architectural engineering. As professor of design studies at KU Leuven, Department of Architecture, she teaches courses on design theory, inclusive design, professional ethics, and actual topics in architecture, and co-chairs the multidisciplinary Research[x]Design group. Her research focuses on how experiences of people with various ages, abilities, and perspectives can expand prevailing ways of understanding and designing space. She studied in Leuven and Zürich, holds a PhD from KU Leuven, and conducted postdoctoral research at Harvard and UC Berkeley. She is a Fellow of the Design Research Society and Associate Editor of Design Studies. For her research on design and disability, the European Research Council awarded her a Starting and Proof-of-Concept Grant.



Photo © Noël Van Cleven

Dr Pleuntje Jellema is a researcher in the Research[x]Design group and design tutor at KU Leuven. Her PhD research investigated how the experience of people affected by cancer can inform human-centred design of cancer care facilities. In her current work she seeks to investigate how end-users in health sector contexts can benefit from methods integrating diverse user perspectives in design processes. She embarked on her PhD research after graduating Magna Cum Laude in the Interior Architecture program (Master of Sciences) at KU Leuven, campus Ghent. Before that she combined part-time studies in the bachelor of Environmental Design at OCAD, Toronto (Canada) with work in design. She also holds a diploma of Human Geography (Master of Arts) from the University of Amsterdam.

# CHARLOTTE JONES & JEN SLATER



Dr Charlotte Jones is a Postdoctoral Research Fellow at the Wellcome Centre for Cultures and Environments of Health, University of Exeter. Her main research interests lie in gender, sexuality, disability and health, and particularly the interdisciplinary intersections of these areas. These themes have been at the centre of her work on a series of collaborative projects, Around the Toilet, about the accessibility and use of toilets.



Dr Jen Slater is a Reader in Queer Disability Studies and Education at Sheffield Hallam University. Their research draws on disability, queer, trans and gender studies to consider relationships disability, gender and the body, particularly in relation to accessibility. They work on the Around the Toilet project, which centres the experiences of trans, queer and disabled people to consider the toilet as a place of exclusion and belonging. They are also interested in critical explorations of Institutional Equality, Diversity and Inclusion Policy (EDI).

# ARTS, HERITAGE AND DESIGN IN HOSPITALS NETWORK

REPRESENTATIVES will attend each meeting

# HETTY DUPAYS



Hetty completed her studies in Fine Art (Painting) at Bath Spa University in 2004 and since then her energy, enthusiasm and skills have been largely directed towards the development and growth of Art at the Heart of the RUH. Her particular passion is art and design in the built environment and she has been involved in several large arts, heritage and design commissioning projects over the past ten years, the last major project was art, design and heritage commissioning for the new RNHRD & Brownsword Therapies Centre and she will shortly start the programme for the new Dyson Cancer Centre; expected completion date in 2023.

# ANNA FARTHING



Dr Anna Farthing is Arts Programme Director for University Hospitals Bristol and Weston NHS Foundation Trust. She has worked in the arts for over thirty years as a creative producer, curator, artistic director and cultural consultant. Anna's doctoral research was focussed on public engagement with challenging histories through creative participation. She has a particular interest in the sensory impact of place and space and a focus on the affect of the aesthetic environment underpins the Arts and Culture Strategy at UHBW.

# GRISELDA GOLDSBROUGH



Griselda Goldsbrough, is Art and Design Development Manager, York and Scarborough Teaching Hospital NHS Foundation Trust - committed to great art across environments, through exhibitions, with staff, visitors and patients through participatory arts and music programmes. Griselda is also a freelance visual artist and writer, committed to cultural and creative activity in community engagement projects within heritage, science, museums, galleries and healthcare settings. She is Artist in Residence at Foss Park, Acute Mental Health Hospital, York and manages the eco-therapy Creative writing course at St. Nicks Nature Reserve, York. Griselda is co-curator of the Aesthetica International Art Prize, championing emerging talent across all media.

# LISA HARTY



Lisa has been working in the arts for over 30 years. She started her career, at London's Cockpit Gallery before spending three and a half years working with Artangel in the early 1990s. Since moving to Devon in 1996 Lisa has worked as a freelance arts consultant for a number of local authority, voluntary and private sector clients, managing a wide range of temporary and permanent projects across a number of art forms, carrying out strategic development and creative visioning work, and delivering consultation and community engagement projects. During this time her clients have included Public Art South West, ixia, Northern Devon Coast & Countryside Service, Sustrans, Devon County Council, Groundwork SW, Linden Homes, CPR Regeneration, Midas Homes, North Devon District Council, Beaford Arts, Torridge District Council, Plymouth City Centre Company, Bournemouth Borough Council, Appledore Arts and Gloucestershire County Council. In April 2013 she became the Art & Design Co-ordinator for Art for Life at Musgrove Park Hospital, since April 2020 becoming Somerset NHS Foundation Trust following the merger with Somerset Partnership. Lisa has recently completed a piece of work for the Francis Crick Institute in London; writing a feasibility study and options appraisal for an Art Programme.

# LAURA WATERS



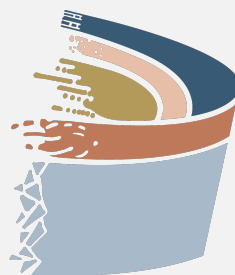
Laura Waters is Head of Arts at the University Hospitals of Derby and Burton NHS Foundation Trust and co-chair of the NPAG group for arts in healthcare. With an MSc in Environmental Psychology, Laura is particularly interested in how our environments can be designed to support and improve wellbeing in healthcare settings.

# LUCY ZACARIA



Lucy Zacaria is Head of Arts, Imperial Health Charity. Lucy joined the charity as the arts manager in June 2014. Prior to this she worked at Deutsche Bank for 15 years, managing the UK art collection as well as introducing and running many staff engagement projects. Lucy has a Business degree and has studied art history and photography, she is a member of the Association of Women in the Arts. Lucy manages the environment improvement projects, art collection and arts engagement programme for the Charity. Here, our priorities are to enhance the healing environment and patient experience throughout the five hospitals we support.

Sensing  
Spaces  
of Healthcare



UK Research  
and Innovation

University of  
BRISTOL