

# HEALTH: THE DESIGN, PLANNING AND POLITICS OF HOW AND WHERE WE LIVE

An international conference at the Department of Architecture &  
Built Environment, University of the West of England, Bristol

25-26 January 2018

R Block, Ground Floor (rooms 1R022-26)

# Introduction

Welcome to Bristol and the University of the West of England. We hope you enjoy your time here and we look forward to engaging presentations, discussions and debates.

This conference reflects a broad set of interrelated concerns about health and the places we inhabit. It seeks to better understand the interconnectedness and potential solutions to the problems associated with health and the built environment.

To that end, it draws together health professionals, government representatives, social scientists, anthropologists, architects and urban planners. It is open to various debates, examples of which could include, but are not limited to: healthy homes, walkable cities, design for ageing, dementia and the built environment, health equality and urban poverty, community health services, neighbourhood support and wellbeing, urban sanitation and communicable disease, the role of transport infrastructures and government policy, and the cost implications of 'unhealthy' cities etc. As part of the AMPS research programme Housing – Critical Futures, this event particularly welcomes submissions dealing with questions of health and housing.

These multiple issues have been organized into strands seeking to facilitate 'joined-up' thinking about health and the built environment across disciplines, across scales and across countries.

In particular, this event picks up on work with film being carried out at UWE Bristol and continues a collaboration between AMPS and the Public Health Film Society. We have a number of presentations of short films and screenings throughout the conference.

## Launch event : Building Better Homes Wednesday 24th January 18:30 - 20:00

Location : Arnolfini

Cost: £9/£7

Book: [www.architecturecentre.org.uk](http://www.architecturecentre.org.uk)

Speakers:

**Sarah Wigglesworth**

Sarah Wigglesworth Architects

**Alex Ely**

Mae Architects

**Simon Bayliss**

HTA

Housing is one of our most basic needs and is more than just a roof over our heads. The places we live can affect our health in many ways, from the materials used in construction to the urban planning that locates and shapes the built environment.

Architecture has a key role in our wellbeing: creating individual dwellings designed to give us the space, light and comfort we need to thrive and planning neighbourhoods that help to create communities and encourage activity that benefits our mental and physical health.

Set against the backdrop of a housing crisis can we avoid the mistakes of the past and create a healthier, happier environment? How can the urgent need for mass housing be met whilst ensuring that the housing we deliver has a positive effect on our health and wellbeing? Join the debate at this event hosted by the Architecture Centre, UWE and AMPS.

# Film Screening : Giving Blind People A Voice Through Film, Print and Social Media

Friday 26th Jan 2018, 1.15pm – 2.15pm

In this session we explore the use of film and modern media tools to give a voice to the blind and other people with disabilities in the planning process.

Using the example of 'Sea of Change', a grass-roots movement which over the past 5 years has used film, social and media to bring the concerns of disabled people about shared space road design to the highest level of Government.

The session will offer a chance to speak with the production team and experts involved in disability rights to learn more about how the film-makers powerfully showed the perspective and dangers for blind people navigating shared space road design. In April 2017 the efforts of the campaigners were vindicated by a House of Commons Women and Equalities Select Committee which called for an immediate halt to further shared space road designs in the UK.

Anybody interested in learning about how design deeply affects disabled peoples' well being and ability to navigate urban areas, or how film and modern media can be used to mobilise groups to change their environment would be encouraged to attend.

Chair :

**Dr Uy Hoang**

President, Public Health Film Society

Presenters/panellists :

**Sarah Gayton**

Film-maker and Street Access Campaign Agent for the National Federation of the Blind of the UK

**Bill Waddell**

Gloucester Rep for the National Federation of the Blind of the UK

**Steve Hyde**

Regional Assistance Campaigns Officer, South West of England, RNIB (Royal National Institute of Blind People)

Session outline :

1.15 – 1.25 pm – Film 'Shared Space – Dangerous and Discriminatory'

1.25 – 1.40 pm – Presentation from production team of Sea of Change covering the following issues:

1. background and motivation behind Sea of Change
2. putting together the story and getting the funds for the film
3. the role of film in advocating for positive change for partially sighted and blind people
4. What next – how does the town planning process need to change to incorporate the voices of those with disabilities?

1.40 – 2.05 pm Panel Discussion

2.05 – 2.15 pm International Edition Sea of Change

# Thursday 25th January

- 08:30 **Registration**
- 09:30 **Introductions: Room 1R026**  
Graham Cairns, AMPS. Elena Marco UWE. Uy Hoang, Public Health Film Society. Laurence Carmichael, WHO Collaborating Centre, UWE
- 10:15 **Keynote: Room 1R026**  
Christopher Shaw. Chair: Architects for Health

## Break

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| <p>11:00-12:30 <b>Urban Food Production.</b><br/>Room 1R022. Dr. Fidel Meraz</p> <p><i>Midwestern Wellness Contradictions.</i><br/>Cameron Campbell</p> <p><i>Future of the Food Axis.</i><br/>Kate Nicholson &amp; Simon Baker</p> <p><i>Urbanicity and Nutrition in Sri Lanka.</i><br/>Jessica Renzella et al</p> | <p><b>The Design and Planning of Health Facilities. i</b><br/>Room 1R023. Dr. Matthew Jones</p> <p><i>Somability: movement, independence and social engagement in adult day-care settings.</i><br/>Wendy Keay-Bright</p> <p><i>Antidepressant house and Healing accelerator hospital; How the built environment influences human's brain (health, psychology and physiology). Case study: Yantalo Clinic in the Amazonian jungle, Peru.</i><br/>Marina Russo-Schtcherbakoff-Kodakoff</p> <p><i>Screening human life- the legal and ethical implications of non-invasive pre-natal testing</i><br/>Jeffrey Wale</p> | <p><b>Design for an Ageing Population. i</b><br/>Room 1R024. Dr. Glyn Everett</p> <p><i>House of Generations.</i><br/>Birgitte Geert Jensen</p> <p><i>"The great Australian dream or just a roof over my head". An ecological perspective on seniors ousing for a marginalised ageing Australian population.</i><br/>Matthew Hutchinson</p> <p><i>Affordable Housing and Health - a Transdisciplinary approach to the support of an ageing social housing population in England</i><br/>Paull Robathan</p> |
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## Lunch break - Frenchay cafes

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| <p>13:30-15:00 <b>The Walkable City. i</b><br/>Room 1R022. Dr. Fidel Meraz</p> <p><i>A tale of two cities? Moving around edge estates in Oxford</i><br/>Tim Jones &amp; Ben Spencer</p> <p><i>'They said I shouldn't walk alone': Perceived barriers and facilitators to accessing enhancing places.</i><br/>Liz Henry, Dr Stephanie Wilkie, Dr Diane Stevens, Dr Diane Westwood</p> <p><i>Healthy Mobile Check-Ins Study: Smartphone Based Research into People, Place, and Physical Activity.</i><br/>Julie-Anne Carroll, Jey Rodgers, Monika Janda, Jaz Choi, and Jaz Lyons-Reid</p> | <p><b>The Design and Planning of Health Facilities. ii</b><br/>Room 1R023. Dr. Matthew Jones</p> <p><i>Concept design for a New Mother and Baby Unit at Panzi Hospital, in Bukavu, DRC.</i><br/>Agnes Orstadius &amp; Tania Sande</p> <p><i>Anatomic consideration of a safe hospital's architecture in the case of external emergency.</i><br/>Araz Taheri &amp; Ş. Tülin Görgülü</p> <p><i>Alvar Aalto's "experimental patient room" and the problem of architectural research.</i><br/>Eva Eylers</p> | <p><b>The Built Environment and a Sense of Wellbeing. ii</b><br/>Room 1R024. Dr. Glyn Everett</p> <p><i>The impact of built environment restructuring on adult health: A scoping review from a behavioural science perspective</i><br/>Stephanie Wilkie, Tim Townshend, Emine Thompson, Jonathan Ling</p> <p><i>How the built environment makes the elderly feel? The relationship between elderly people with depression and built environment factors.</i><br/>Hung-Chun Lin, Tzu-Yuan Chao</p> <p>TBC.</p> |
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## Coffee break

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| <p>15:15-16:45 <b>Environmental Design as an issue of wellbeing.</b><br/>Room 1R022. Dr. Matthew Jones</p> <p><i>Climate related deaths on the French policy agenda: does cold deserve less attention than heat?</i><br/>Ute Dubois &amp; Caroline De Paoli.</p> <p><i>Upgrading French Energy Inefficient Housing is Investing in Health.</i><br/>Véronique Ezratty &amp; David Ormandy</p> <p><i>The development of an evaluation and monitoring repository for UK age-friendly communities.</i><br/>Calum Mattocks, Stefanie Buckner &amp; Louise Lafortune</p> | <p><b>Design for Dementia.</b><br/>Room 1R023. Dr. Fidel Meraz</p> <p><i>'The open typology': towards socially and economically sustainable architectural and care models.</i><br/>Davide Landi</p> <p><i>Embodying 'home' through design for dementia.</i><br/>Simon Evans, Teresa Atkinson, Sarah Waller</p> <p>TBC.</p> | <p><b>The Planning and Policy of Urban Health. i</b><br/>Room 1R024. Dr. Glyn Everett</p> <p><i>Integrating health and resilience into the design of African cities – case studies from Lagos and Maputo.</i><br/>Ebelechukwu Mogo and Jørgen Eskemose</p> <p><i>Shaping Decision: Influencing Health Behaviour through Spatial Planning.</i><br/>Daniel Masterson, Meghan Linscott, Christopher Gidlow, Judy Kurth</p> <p><i>Active Citizens – the Key to a vivid and healthy urban environment: case study of Trakiya plattenbau neighbourhood.</i><br/>Nina Toleva-Nowak</p> |
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## Coffee break

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| <p>17:00-18:30 <b>Landscape Design and Wellbeing.</b><br/>Room 1R022. Graham Cairns</p> <p><i>Building with Nature – a new benchmark to support the design, delivery and long-term maintenance of public health infrastructure.</i><br/>G Jerome, D Sinnett, R Mortlock, S Burgess, T Calvert, N Smith &amp; C Studholme.</p> <p><i>The impact of public open spaces on human wellbeing in Saudi Arabia.</i><br/>Abdullah Nidal Addas (virtual)</p> <p><i>The preliminary study of the possible relationship between urban open space system and residents' health outcome.</i><br/>Jia-Jin He, Tzu-Yuan Stessa Chao</p> | <p><b>The Planning and Policy of Urban Health. ii</b><br/>Room 1R023. Dr. Matthew Jones</p> <p><i>Including Health in planning system policy-making: people, ideas, systems, and politics.</i><br/>Patrick Harris, Jennifer Kent and Peter Sainsbury</p> <p><i>Built and natural environment planning principles for promoting health: An umbrella review.</i><br/>Emma Bird, Janet Ige, Andre Pinto, Paul Pilkington</p> <p><i>The role of municipal governments in solving health problems of urban communities in post-transitional Poland.</i><br/>Joanna Stepien</p> | <p><b>Planning Utopias-dystopias.</b><br/>Room 1R024. Dr. Fidel Meraz</p> <p><i>Waiting for the car-age. Walkability in Suzhou Industrial Park, China.</i><br/>Paola Pellegrini</p> <p><i>A Short Film about Happiness.</i><br/>John Bird; David Green; Distinx Ltd (film maker)</p> <p><i>Healthy urban environments and social housing in Leon, Mexico.</i><br/>Delia Murguía-Gutierrez</p> |
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- 19:00 **Social gathering - Watershed, Canons Road, Harbourside (BS1 5TX)**

# Friday 26th January

08:30	<b>Registration</b>			
09:00-10:30	<b>Environmental Design and Health.</b> Room 1R022. Prof. Bill Gething  <i>Cultivated Landscape.</i> Jerome Picard  <i>Water Efficiency in Buildings and Landscape, Egypt.</i> Bassant Mereika  <i>Effect of Green Walls on Stress Reduction in Urban Space.</i> Elham Setayeshgar, Azadeh Aliaskarian, Hadi Keshmiri	<b>The Planning and Policy of Urban Health. ii</b> Room 1R023. Dr. Matthew Jones  <i>How the lack of sustainable public policies towards tackling rural poverty can impact on urban settlements.</i> Priscila Allin Coghlan Jonas  <i>Understanding the challenges of policy-making in public health. Implications of behavioural policies in the field of health promotion and disease prevention.</i> Benjamin Ewert & Kathrin Loer  <i>From design strategy to real – world social networks; the value of systematic community engagement in planning for ageing in place: findings from ODESSA, a trans-disciplinary international study for an ageing-in- place framework.</i> David Morris, Manjit Bola, Tulika Gadakari, Karim Hadri	<b>Housing and Sustainability.</b> Room 1R024. Dr. Glyn Everett  <i>Sustainable Living for Affordable Housing Developments: Perspectives of Residents.</i> Seyeon Lee  <i>Accounting for residents' health in modular housing – Architects' views and approaches.</i> Sonja Oliveira, James Burch, Karl Hutchison & Matthew Jones  <i>An investigation of the impact of flood defences on UK residential house prices.</i> Oscar Still & Jessica Lamond	<b>Residential, Housing, Planning and Health</b> Room 1R025. Graham Cairns  <i>(In-) equality before the law - house adapting policy in Sweden.</i> Charlotta Thodelius & Jörgen Lundälv  <i>Injury incidents in a residential context.</i> Björn Andersson and Charlotta Thodelius  <i>Residential facilities for psychosocial rehabilitation: planning permit regulations and social inclusion.</i> Evangelia Chryssikou
<b>Coffee break</b>				
10:45-12:15	<b>The Green City – An urban health initiative?</b> Room 1R022. Dr Rachel Sara  <i>The Role of Urban Forestry in Improving Air quality within KMC area and Reduce Health Hazard.</i> Swati Saha  <i>The effects of changes to the built environment on the mental health and well-being of adults and older adults: Systematic review.</i> Moore THM, Kesten JM, López-López JA, Ijaz S, McAleenan A, Richards A, Gray S, Savović J, Audrey S.  <i>Green Up The City! - Do urban greening initiatives lead to green gentrification in the Netherlands?</i> Judith de Bree, Maartje Heijmans, Evgenia Michailidi, Robert Mihail Negru, Iris Pelgrim, Allert Smith; Josette Jacobs; Wim de Haas and Carlijn Wentink	<b>Inclusivity, Design and Community Wellbeing. i</b> Room 1R023. Dr. Matthew Jones  <i>An Inclusive Design Approach to Improving Community Wellbeing: A Case Study of Architectural Interventions in Derry/Londonderry.</i> Jak Spencer, Ralf Alwani, Elizabeth Raby, Jo-Anne Richard, Jonathan West  <i>A Proposal for a Community Engagement Framework for Co-Developing Blue-Green Infrastructure (BGI) in the Built Environment.</i> Lekan Adekola, Glyn Everett, Jessica Lamond	<b>Housing, conflict and affordability.</b> Room 1R024. Prof. Bill Gething  <i>Post-Conflict Housing Resilience: A Complex Systems Approach to Social Resilience.</i> John Emmanuel Ogbeta, Ugochukwu Knechi Elinwa  <i>An area-based project to improve social environment – the Carlsberg, Copenhagen example.</i> Suheyla Turk  <i>The Transformation of Urban Villages in the City of Hanoi.</i> Ngo Kien Thinh, Yun Gao	<b>The Walkable City. ii</b> Room 1R025. Graham Cairns  <i>Towards a More Active City: A Multidisciplinary Approach.</i> Alaa El-Din Sarhan, Rania Abdel Galil, Sawzan Mokhtar.  <i>Disabling cities.</i> Albertina Pretto (virtual)  <i>Urban design patterns for ageing-in- place policy in sustainable local management.</i> Jan Kazak, Joost van Hoof, Katarzyna Siła-Nowicka, Szymon Szwerański, Mark Livingston, Małgorzata Świąder
<b>Lunch break - Frenchay cafes</b>				
13:15	<b>Public Health Film Society – Giving Blind People A Voice Through Film, Print and Social Media. 1R026</b>			
14:30-16:00	<b>Health Conditions and Policy Approaches.</b> Room 1R022. Dr. Glyn Everett  <i>Examining the role of neighborhood problems on nonmedical use of prescription drugs, marijuana use, and alcohol use among urban youths: A cross-sectional study in Florida.</i> Martha Coulter, Abraham A. Salinas-Miranda, Yingwei Yang.  <i>"Seeing the numbers": Conceptualising space and place through public health contributions to alcohol licensing processes in local government.</i> Joanna Reynolds, Michael McGrath, Karen Lock  <i>A Resolution to Change: democratic processes and education influencing public control over environments.</i> Jane Thomas	<b>Inclusivity, Design and Community Wellbeing. ii</b> Room 1R023. Prof. Bill Gething  <i>Co-constructing community wellbeing: Developing a framework to identify how student-community collaborative public space projects impact on community wellbeing.</i> Rachel Sara & Matthew Jones  <i>Measuring and valuing community empowerment as a surrogate health outcome within urban regeneration: a discrete choice experiment.</i> Baba, C., Tannahill, C., McIntosh, E.  <i>Anthropology within Informality: The community culture as a potential in upgrading informal settlements in Egypt.</i> Eman Ahmed Saleh ElDin Abdel Halim	<b>Housing and the home – psychological wellbeing.</b> Room 1R024. Graham Cairns  <i>Intersections between home improvements and health: An owner-occupier's perspective.</i> Tara Hipwood  <i>The Impact of Architectural Design of Homes on Inhabitants' Psychological Well-being.</i> Dalia Al-Tarazi, Rachel Sara, Paul Redford  <i>An Aesthetic – new domestic landscapes to support future care.</i> Paul Chamberlain	<b>People and Place.</b> Room 1R025. Dr. Matthew Jones  <i>Happy Homes.</i> Shelley McNulty  <i>White trash architecture: Spatial informality and unhealthy lifestyles in the American rural south.</i> David Franco  <i>What's system resilience got to do with housing and transience? A look at the NIHR CLAHRC NWC Neighbourhood Resilience Programme (NRP) in Blackpool.</i> Ana Porroche-Escudero et al.
<b>Coffee break</b>				
16:15-17:45	<b>Urban Environments.</b> Room 1R022. Dr. Matthew Jones  <i>Breath Free Stations: smellscape designs and planning in urban intermodal transit spaces.</i> Jieliang Xiao  <i>Healthy walking in city environments: the role of architectural features.</i> Anna Bornioli, Graham Parkhurst, Phil Morgan  <i>The pursuit of a healthy city: Bouça Housing Complex by Álvaro Siza (1973-7), a lesson to retain.</i> Ana Luisa Rodrigues	<b>Urban Health in Developing Contexts.</b> Room 1R023. Graham Cairns  <i>Detached places – 'modern' informal settlements.</i> Concepcion del Carmen Rojas Rivera  <i>Slums of Kolkata – Perils and Prospects.</i> Arup Sarkar  <i>Mainstreaming inclusion in urban eye health: a pilot project in Bhopal, India.</i> Andrea Pregel, Daisy MacDonald, Archana Bhambal, Jayashree Kumar, Sandeep Buttan, Tracy Vaughan Gough, Utkarsha Authey	<b>Building Re-use and Adaptation.</b> Room 1R024. Prof. Bill Gething  <i>Mapping the city. Healthcare system in Lisbon.</i> Ana Tostões & Daniela Arnaut  <i>De-pair the art of Re-pair and De-sign – towards an Interdisciplinary Understanding of Making in Society.</i> Johan Granberg, Craig Anz, Joel Montgomery & Byrad Yyelland  <i>Retrofitting housing for independent living.</i> Sheila Mackintosh.	<b>Design, Behaviour and Mental Health.</b> Room 1R025. Dr. Glyn Everett  <i>Spaces of Psychiatry.</i> Merete Ahnfeldt-Mollerup  <i>A place to die. The importance of place analysis in youth suicide preventive work.</i> Charlotta Thodelius  <i>The Effect of Crowding within Households on Behavioural Problems in Children: A Quantitative, Prospective Cohort Study in Southampton.</i> Rachael Marsh, Janis Baird, Hazel Inskip
19:00	<b>Social gathering - Watershed, Canons Road, Harbourside (BS1 5TX)</b>			

## Useful information

### Wifi Access:

UWE provides eduroam and The Cloud wireless services free of charge in public places around the campus.

#### **Eduroam**

Visitors from participating institutions and staff and students from UWE should connect to eduroam where possible as this is available across the entire University. Set up instructions are available here:  
<http://www1.uwe.ac.uk/its/itfacilities/eduroam.aspx>

#### **The Cloud**

If you cannot use eduroam or prefer to use The Cloud then connecting is simple:

- Select \_The Cloud from the list of available networks on your device
- Open your web browser and you should be directed to The Cloud landing page. If not try refreshing the page
- If you are an existing The Cloud user you can log in, otherwise simply register and start using it
- Once you've registered you will connect to The Cloud without needing to re-enter your username and password

There are set up instructions for The Cloud here:

<https://www.skywifi.cloud/faqs-support/>

The Cloud also provide a support page with known issues and advice here:

<https://www.skywifi.cloud/support/connection-issues/>

### Cafes:

The following cafes are located nearby and indicated on the maps:

R Block Cafe (within the conference area)

- Cribbs Q - ground floor, Q block
- The Atrium Cafe - ground floor X Block
- OneZone - Starbucks & self service canteen, E block

### Taxi numbers:

The following are useful numbers for taxi companies in Bristol:

- Bristol Direct Cars: 01179 651000
- South Gloucestershire Taxi: 01179696799
- Euro Taxis Ltd: 01454320101

### Evening social location:

Watershed

Cultural cinema and digital creativity centre

Café Bar, 1 Canons Road, Harbourside, Bristol, BS1 5TX

## Finding UWE Frenchay

Campus address:  
Frenchay Campus  
Coldharbour Lane  
Bristol  
BS16 1QY

Telephone: +44 (0)117 965 6261

Email: [infopoint@uwe.ac.uk](mailto:infopoint@uwe.ac.uk)

Web: <http://www1.uwe.ac.uk/about/visitus/howtofindus.aspx>

The conference is taking place in the ground floor of R Block (next to the R block café).

### **By car:**

UWE Frenchay is located close to the M4, M5 and M32 motorways. Drivers arriving by motorway should leave the M32 at Junction 1 and take the A4174 Ring Road/Filton Road toward Filton.

Visitors driving to Frenchay Campus should use the North Entrance to access car parks (BS34 8QZ for your sat nav or Google maps link). All visitors arriving by car should report to East Entrance Reception. There are a limited number of spaces reserved for visitors. Charges of £5 for a half day and £10 for a full day will apply.

### **By bus from the city centre:**

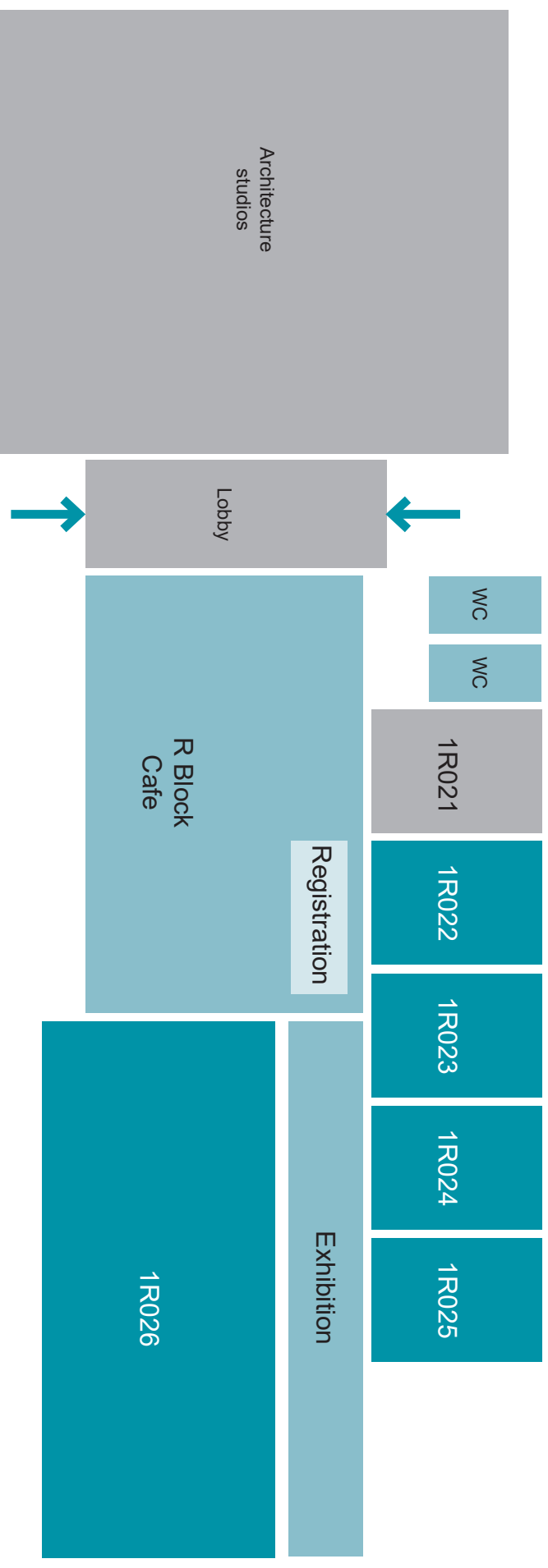
Bus numbers 18, 18A, 19, 19A, 70, 71, 72, 625, 680, UWE special bus & X14 serve Frenchay campus from the city centre. Further information here: <https://travelwest.info/bus/services-information/uob-uwe-services#uwe>

### **By rail:**

Bristol Parkway station is to the north of the campus, a 15 minute walk or short taxi ride away. Bristol Temple Meads station is in the city centre; local train services to either Bristol Parkway or Filton Abbey Wood arrive a 15min walk from the campus.

### **By air:**

Bristol Airport is located to the south of the city. Taxis are available at the airport, or the Airport Flyer shuttle bus runs between the airport and city centre (£7 single, £11 return).



## HEALTH: THE DESIGN, PLANNING AND POLITICS OF HOW AND WHERE WE LIVE

### R block ground floor conference locations


















# HEALTH: THE DESIGN, PLANNING AND POLITICS OF HOW AND WHERE WE LIVE

## Frenchay campus Map

Conference location:  
R Block, Ground Floor

### Key information

-  Information Panels
-  Main Reception
-  Entrance Gates
-  Parking
-  Accessible Parking
-  2+ Parking
-  Cycle Parking
-  Motorbike Parking
-  Bus Interchange
-  Staff and student parking
-  Building Entrance
-  Walkways
-  1 X Block cafe
-  2 Cribbs Q cafe
-  3 Starbucks/OneZone cafes

