



**MANCHESTER SCHOOL
OF ARCHITECTURE**

YEARBOOK 2020

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Manchester School of Architecture
Manchester Metropolitan University
University of Manchester

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within a Room

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Head of School

Welcome to the brand new 2020 MSA all-digital catalogue. We are delighted to be able to introduce you to the work of MSA over the 2019-20 academic year. What a year it has been!

Our School remains resolutely international and we have maintained contact with all of our students scattered across the globe by the coronavirus pandemic. It has been challenging, but met with the professionalism and imagination that we admire in our colleagues and students.

We at MSA express our solidarity with the Black Lives Matter movement, we recognise the historic and present-day connections between struggles for justice across the globe and speak out against racism, police brutality and state violence. We are acutely aware of the structural issues which have led to the continued inequality for BAME students in all spheres of education. In Architecture this has been highlighted through the activities of the Stephen Lawrence Charitable Trust. We as a school are committed to working to address the known disparities of BAME student access and outcomes in our programmes. We also will be working to support the development of programmes which address issues of equality and diversity across all areas of our teaching in the forthcoming academic year and in the future.

This year we moved up one place to 8th in the QS Global Ranking for schools of architecture. We started the year with a transition in leadership, welcomed a number of new colleagues to our growing school and extended our vertical ateliers to connect final year undergraduate students with the research led agendas of the post-graduate areas. In the catalogue you will find out much more about the success of these initiatives and the fantastic work that students across the School have produced.

MSA staff have also been busy preparing for the Research Excellence Framework (REF) review. All of our staff are research active and the majority have produced work of the highest standard to be assessed through the REF process. We are proud to be contributing three of nine Impact Case Studies to the Manchester School of Art Research Centre (MSARC) submission to REF2021 – this is demonstrable of the extents and value of our engagement both within the city region and globally. The strong academic and practice-based research connects with a wide range of research informed design teaching and learning projects that characterise our School. The strong research performance of the MSA benefits from significant contributions by staff from both institutions - the Manchester Architecture Research Group (MARG) at the University of Manchester and MSARC at Manchester Metropolitan University. Our impactful research is generated through a longstanding commitment to real world issues and exploring the contribution architectural design and research can make to addressing global and local challenges.

This catalogue, and the online content to which it is attached, is a hugely positive response to the current challenge. It could not have been accomplished without the cooperation and input of our entire staff and student body. The resilience and tenacity of the whole School has made this volume possible. We believe that enabling such a digital presence has provided an exciting opportunity to make MSA even more accessible to our friends and partners around the world. We hope that you enjoy viewing the highlights of these works in our maiden digital degree show.

We look forward to being back on campus in the near future to a new and innovative normal. We are ready to extend a warm welcome to everyone in September, whatever the circumstances. We thank you for being part of this unique digital event and hope you enjoy exploring the amazing work on display. We also want to thank both staff and students for supporting each other to make this possible in such a challenging time.

Professor Stefan White

Professor Ola Uduku

Dr. Stephen Walker

Joint Heads and Head of Architecture

BA (HONS) ARCHITECTURE





BA (HONS) ARCHITECTURE

What sets our BA graduates apart is their conviction to resolve real world problems that they are personally concerned with. They do so by driving their own agendas and presenting highly imaginative yet buildable designs. It is the teaching staff's determination to be plural in our understanding of architecture as a discipline, practice and profession, which makes us a diverse and eclectic school and shapes the undergraduate programme.

Our students start out with highly structured and immersive first year studios, with closely aligned Humanities and Technologies teaching, that provide the skills to work out what architecture can be and begin to practice.

In second-year students practice more independently, developing and articulating their own positions through design and shape their own trajectory. In third-year students start to practice research through design in earnest, choosing one of seven ateliers (vertical studios) and many working alongside MArch students for the year. The staff engage their students in cutting edge research at the forefront of practice investigating, through speculative design, what architecture is now and could be in the near future.

Humanities, technology and professional practice across the programme introduces students to a wide range of knowledge that is aligned with, or integrated with, studio. As students progress through the course the focus shifts from acquisition to application with innovative projects, from drawing details in the Bauhaus, later exhibited in Manchester to making films and visiting live sites to learn from the 'realisation library' all around us through direct experience.

Manchester School of Architecture staff mobilise their research-practice to develop immersive briefs for the BA that engage our students in real world problems. The focus at key points this year has been on engagement with communities and the city. The city immediately around us is remaking itself around us at an incredible pace with over 100 cranes swinging on the Manchester sky line beyond the studio windows.

Our students travelled far and wide this year with staff offering a spectacular range of field trips from our doorsteps to South America. Many were structured and led by staff such as Berlin and Dessau to join the Bauhaus 100 celebrations in first year and Amsterdam-Rotterdam in second year. Our third-year trips are supported by staff as independent travel, ranging from tours by activists and skaters in post-industrial Glasgow to grappling with post-socialist economies and hard environmental realities of Ukraine and Chernobyl.

This year the scope of the programme was expanded with the establishment of the MSA Expert Panel. In second year, we offered Salons, an opportunity to come together with students from across the school and discuss ideas with leading practitioners & academics, often with radical agendas and alternative approaches to architecture. The introduction of 'Provocations', every Thursday night on a matter of concern connected to briefs across the programme expanded the ways in which we develop our understanding and insights for students and staff; expanding and consolidating the school's external engagement. It's been an amazing year for our students - in spite of a world pandemic curtailing in-person teaching. The extraordinary professionalism of the BA staff to rapidly

design, test and establish online teaching across the programme and the compassion and patience they have shown is only matched by the extraordinary resilience and strength of spirit amongst our students – which is clearly evident in the work that follows.

Dan Dubowitz
Programme Leader



YEAR ONE

Year Leaders

Emily Crompton
Jennah Kinsey

Studio Staff

José Ángel Hidalgo Arellano, Maggie Atanasova, Julia Chance, Stephen Connah, Vik Kaushal, Roland Keogh, Jennah Kinsey, Dino Kotlar, Carma Masson, Ian McHugh, Kasia Nawratek, Rachel O'Hare, Dragana Opacic-Wilkinson, Jonathan Morrison, James Robertson, Steve Wall

Teaching Assistants

Alice Bell, Florence Bell, Ziwen Cai, Chin Kiu Justin Chung, Tobias Corry, Laura Gonzalez Vega, Emily Hagger, Philippa Humphries, Lorenzo La Magna Zimmerman, Anahita Mohammadkhani, Ethel Ng, Daria Pavlova, Frixos Petrou, Sonia Mancxia, Patrick Millar, Harry Westwood, Bismah Zafar

Special Thanks

Jim Backhouse and Scott Miller, B.15 Model Making Workshop, Tom Jarman, Feilden Clegg Bradley Studios, Andrew Barnett, Hopkins Architects and the David Mellor Design Centre Everyone at Our Town Hall Project, Andrew Birchenough (MMU), David Jennings (jm architects) & Michael McCartan (Kier) Jonathan Greenaway, MMU Study Skills Tutor and Elaine Cooke, MMU Libraries

Catalysts

In Studio we encourage students to become independent designers capable of developing complex briefs and unique proposals. We challenge students' existing understanding of how people use space, explore how to design for specific situations and how to investigate the relationship of people, site and space through design projects of increasing scale and complexity. Each project begins with an investigation of a variety of catalysts, with the students themselves being the final catalyst. They are encouraged to bring something of themselves to each brief, from a dance style to a product from home. Sites were located in the city's Northern Quarter for the first and last projects, and the various gig venues across Manchester provided a variety of existing conditions for architectural interventions.

Over the year, students have developed strong design methodologies, the ability to construct narratives as well as a robust set of fundamental skills. Emphasis is placed on the students' own heritage and culture to allow each to create an individual connection to the brief. Students are encouraged to experiment, play and refine their designs, along with a consideration of 'otherness' which manifested in workshops focussing on disability and ergonomics. Studio activities use a series of 'doing' words as titles, (starting, presenting, evaluating, reviewing etc.) to

call the students to action each week and cultivate an appreciation that Architecture is something we 'do'. Year 1 students have displayed a detailed understanding of how social, economic and political factors all affect the context surrounding spatial design and have responded to complex design briefs with sensitivity, creating accomplished projects.

Studio 1.1

MOVE SPACE explored the relationship between human movement and space in the design of a pavilion for a specific dance style, selected by the student. The design process started by visualising the movement observed in the dance and designs transformed movement into space by exploring atmosphere, shape and surface and how these elements impacted on the audience's perception of the dance.

STOPOVER explored the notion of 'home' through the design of an occasional micro-home for a musician, attached to a gig venue. Students used a musician as protagonist for their project, examining the human form and specific ergonomics and personality of the musician. By locating projects on existing buildings, it gave students the opportunity to consider context in their design solutions.

Studio 1.2

MAKER / SPACE began by inviting students to select a product from their home country or town. The brief asked students to design a new building for the manufacture, sale and exhibition of that specific product.

SITE/ PRODUCT/ PROGRAMME asked the students to interrogate a given site in the Northern Quarter, research their product, document the raw materials and the manufacturing process, as well as investigate the programmatic challenges of the brief.

RESOLVING allowed project development and culminated in a final design of a building for the students' imagined clients.

EXHIBITING explored architectural drawing and model making as a method of communication through the creation of one outstanding exhibition piece. Methods and testing were recorded in an experimental sketchbook.



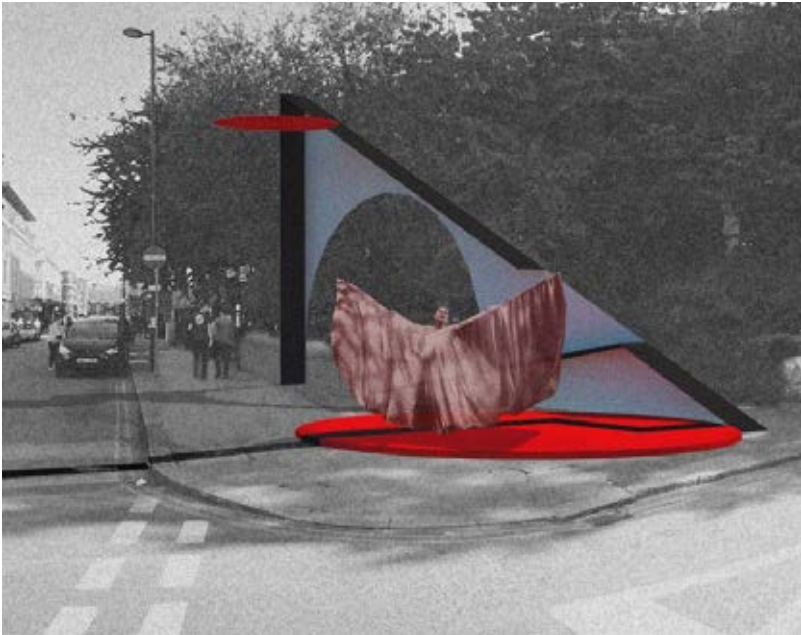
Olivia Cheng - MOVE SPACE // Ergonomic Study



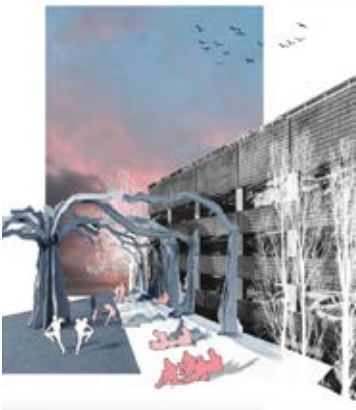
Kwok Sum Li - MOVE SPACE // Presentation Model



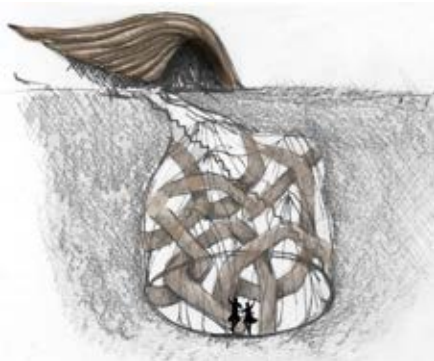
Maria Sangeorzan - MOVE SPACE // Photo Collage



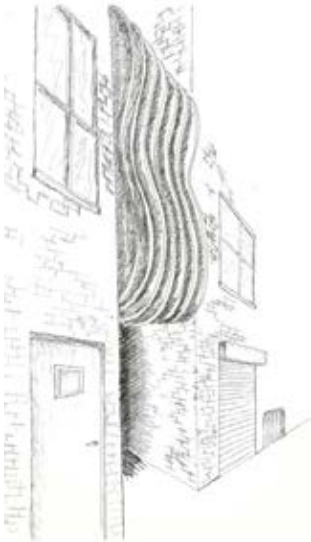
Namon Thongsuwan - MOVE SPACE // Perspective



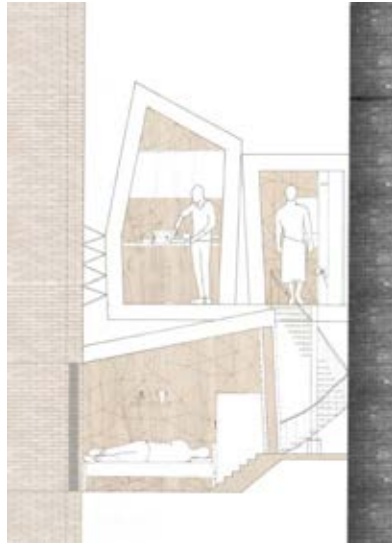
Chloe Ying Yu Chen - MOVE SPACE // Perspective



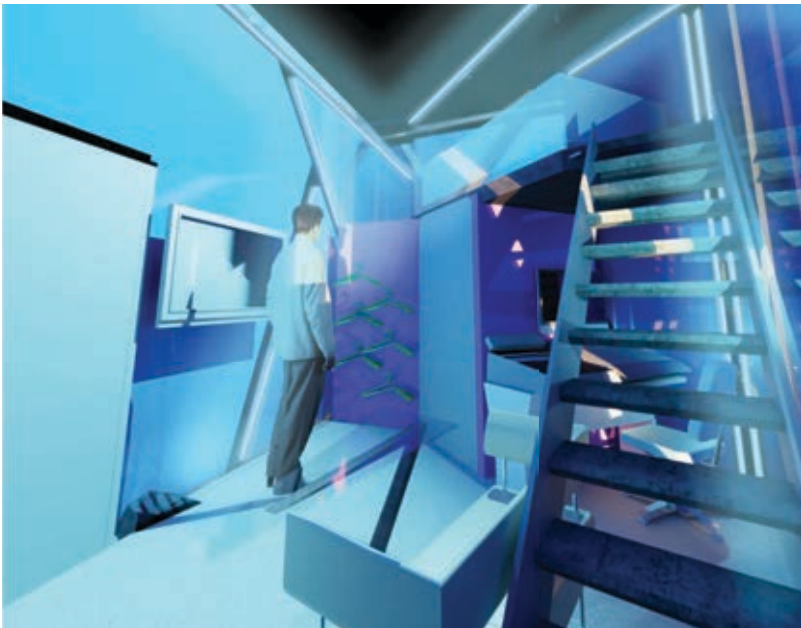
Cara Russel: - MOVE SPACE // Concept Section



Sam Jones - STOPOVER // Perspective



Anita Luburic - STOPOVER // Section



Fraser Matthews - STOPOVER // Internal Perspective



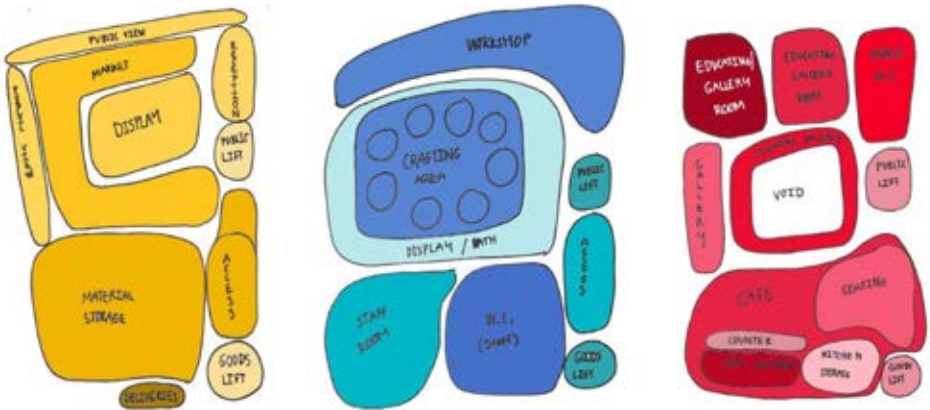
Bradley Foster - STOPOVER // Perspective



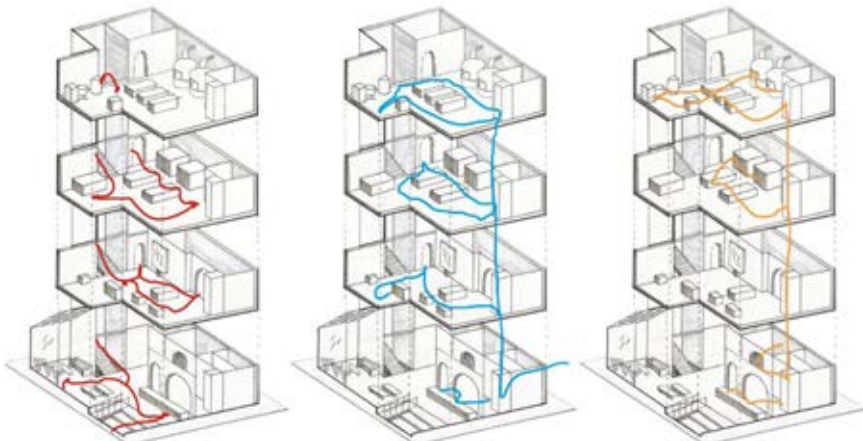
Laura Simonsen - STOPOVER // Plan



Maria Sangeorzan - MAKER SPACE (SITE) // Site Response Collage



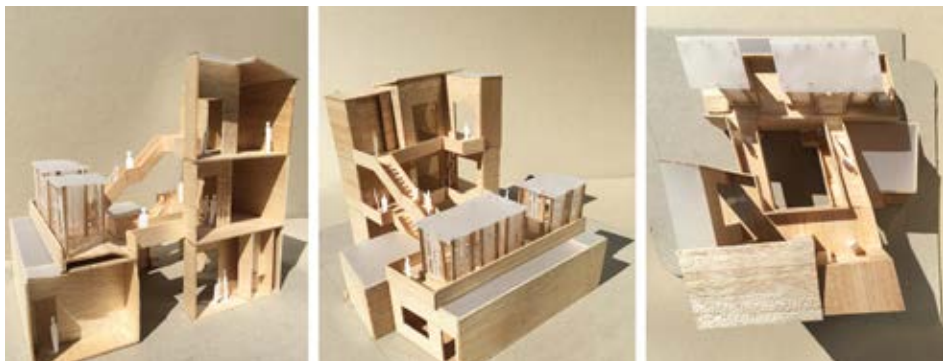
Darya Williams: MAKER/SPACE (PROGRAMME) // Programmatic Diagrams



Fanny Bois-Berlioz: MAKER/SPACE (PROGRAMME): Axonometric Flow Diagrams



Ioanna Lamprou - MAKER/SPACE (PROGRAMME) // Volumetric Models



Anna Loasby - RESOLVING // Sectional Model



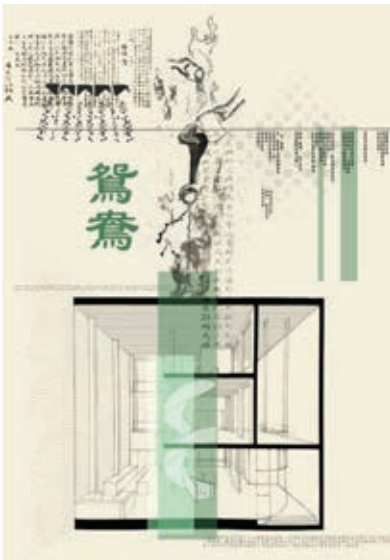
Amir Suhre - MAKER SPACE (RESOLVING) // Elevation



Maria Figueiredo - EXHIBITING // Internal Perspective



Bradley Foster - EXHIBITING // External Perspective



Angela Lai Li - EXHIBITING // Sectional Collage



Jack Prowse - EXHIBITING // Sectional Perspective



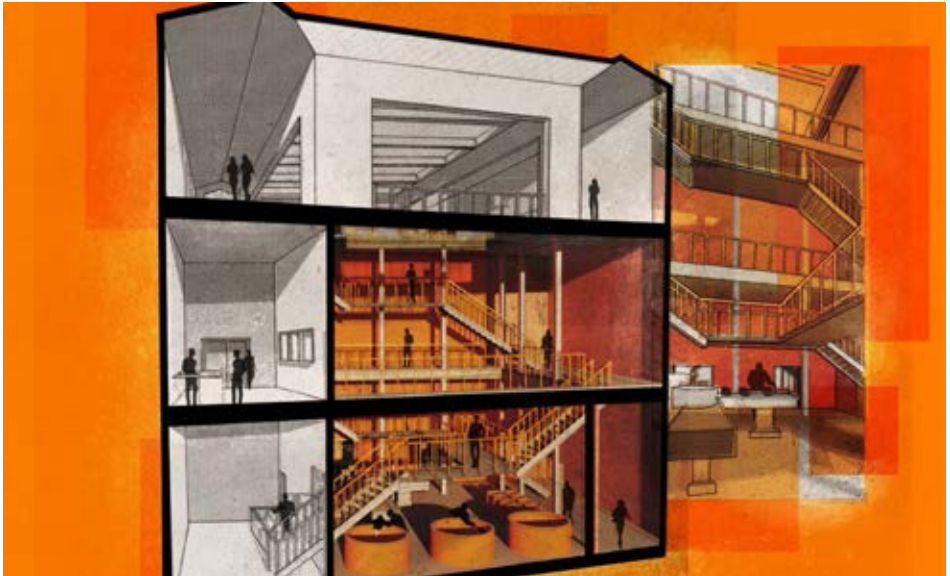
Yilan Tian - EXHIBITING // Perspective Section



Ruben Greyson - EXHIBITING // Presentation Model



Edward Liversidge - EXHIBITING // Presentation Model



Fraser Matthews - EXHIBITING // Sectional Perspective



Iva Velichkova - EXHIBITING // Elevation

YEAR TWO

Year Leaders

Richard Morton
Dragana Opacic Wilkinson

Studio Staff

Neil Allen, Stephen Connah, Richard Dargavel
Rachel Harris, José Ángel Hidalgo Arellano
Rhiannon Hodgeon, Ashley Hunt, Ray Lucas,
Ian McHugh, Claudio Molina Camacho
Kasia Nawratek, Maryam Osman, Matthew
Pilling, Matthew Steele, John Wood

Teaching Assistant

Laura Gabriela Toth

Special Thanks

RIBA North West and all the mentors who took part in the mentoring scheme. Broadwick Live for organising site visits. All our guest lecturers: James Heather, Helen Walker, John Wood, Philo Holland, Becky Sobell, Kit Knowles, Mark Hammond, Richard Dargavel, Haroon Iqbal, Rob Toon, Ian Miller.

students to specialists from a range of sectors, from architecture, property development, archaeology, construction, sustainability and conservation. Through the year students worked on two different projects, centred around the complex and challenging Mayfield Depot; a post-industrial site in Manchester. The Studio 2.1 project, Blindspot, challenged students to design an urban intervention which aimed to reconnect Mayfield to Manchester by invoking an identity for the site and its surroundings. The main Studio 2.2 project, 66 Baring Street, sought to explore the challenges and opportunities of living and working in an urban community. This brief was supported by the study trip to the UK and Netherlands, giving students an opportunity to learn from internationally award-winning housing schemes.

BA2 students found the briefs challenging yet liberating, resulting in a range of exciting projects. Whilst the first project offered students freedom to launch themselves into architectural possibilities, the second project offered an opportunity to showcase the integration of both the Technologies and Humanities units into their Studio projects.

In BA2, students were encouraged to develop their own architectural approach and ideas by questioning what mattered to them. These ideas were tested and explored through methods of iterative design in order to develop a design resolution. In order for students to develop their own position, the BA2 programme supported a broad acquisition of knowledge in preparation for BA3. The invaluable RIBA mentoring scheme enabled students to work alongside practising architects. The studio lecture series exposed



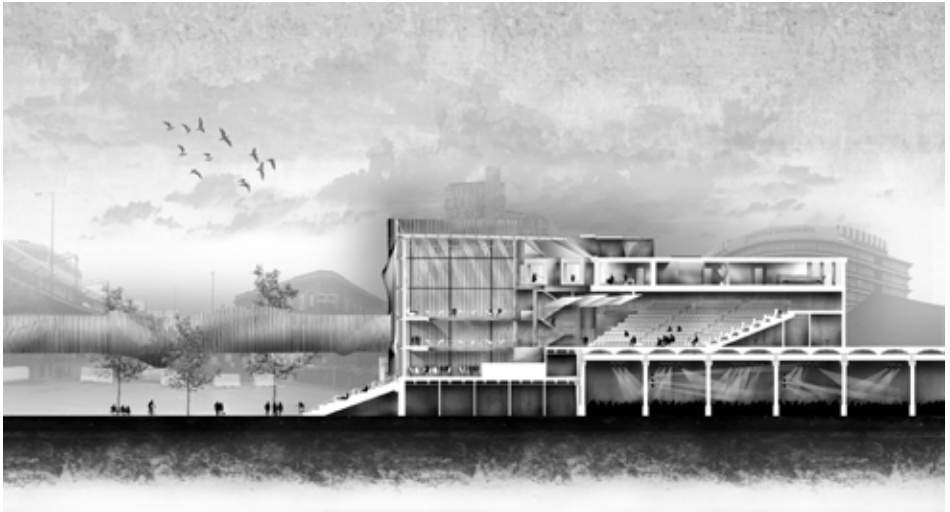
Awo Abdi - 2.1 Mayfield Depot, collage



Hengrui Liu - 2.1 Mayfield Depot, conceptual sketch



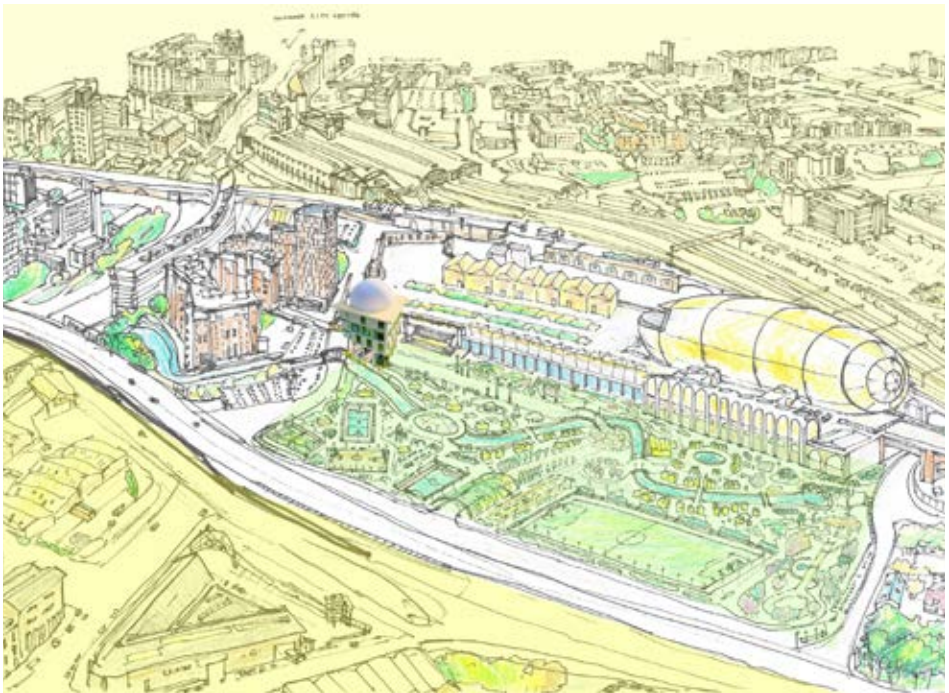
Shu Yi Amanda Lim - 2.1 Mayfield Depot, conceptual elevation



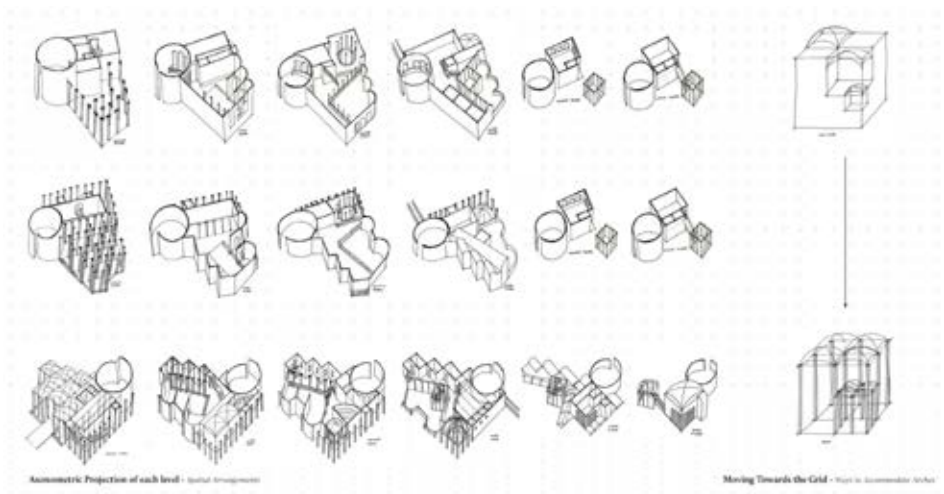
William Smith - 2.1 Mayfield Depot, site section



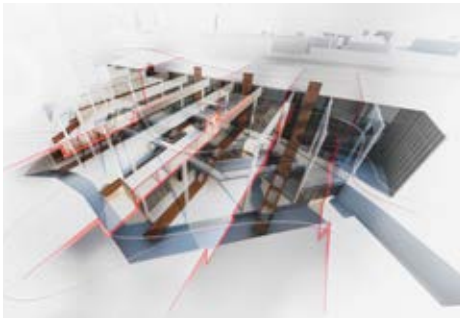
Jinghan Chen - 2.1 Mayfield Depot, proposed elevation



Xii Don Lim - 2.1 Mayfield Depot, masterplan



Karolina Mylan Thuroczy - 2.1 Mayfield Depot, design iterations



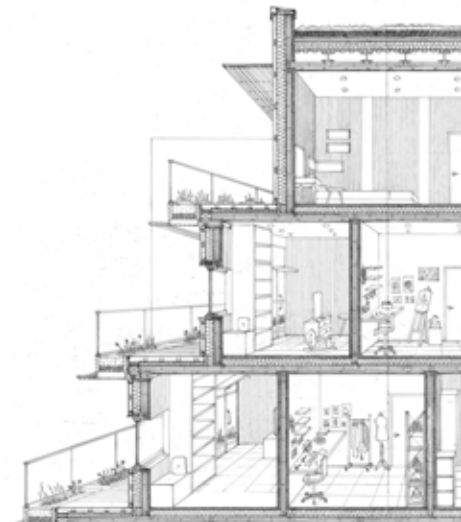
Lukas Somodi - 2.1 Mayfield Depot, sectional perspective



Natalia Gryskowska - 2.1 Mayfield Depot, collage



Grace McGuire - 2.1 Mayfield Depot, detail section



Millie Qian Yao Cheng – 2.2 Baring Street, sketched section



Rosemary Clowes – 2.2 Baring Street, sectional model



Jamie Jia Min Loh - 2.2 Baring Street, axonometric masterplan



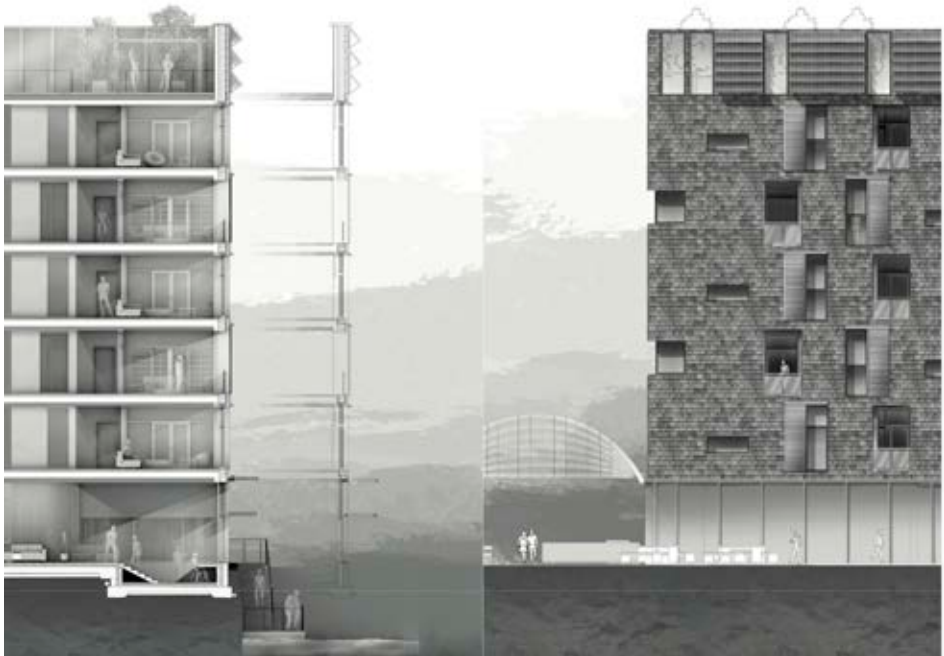
Lukas Somodi - 2.2 Baring Street, sectional perspective



Drilon Mehmeti - 2.2 Baring Street, sectional perspective



Saul Bunyan - 2.2 Baring street, sectional model



William Smith - 2.2 Baring Street, 1:20 section and elevation



Omar Elmamoun Noia-Rodriguez - 2.2 Baring Street, sectional model



Karolina Mylan Thuroczy - 2.2 Baring Street, populated section



Jinghan Chen - 2.2 Baring Street, sectional perspective



Shu Yi Amanda Lim - 2.2 Baring Street, populated section



Grace Mcguire - 2.2 Baring Street, 1:20 section

YEAR THREE

Year Leaders

Helen Aston
Sarah Renshaw

BA3 is where students begin to specialise. We help them to expand their own interests by allowing them to choose which atelier to study within. 6 of our 7 ateliers are vertical – they are associated and work with an atelier in the MArch programme. Like last year, we began with some new ateliers and some redefined atelier positions – we are always questioning our own assumptions about architecture and the world. The Atelier Question Time, as the first formal event of the year, allows all students to challenge the staff to some pertinent and political enquiry that informs their choice of atelier.

Throughout the busy year our students have engaged with research-informed-design in their chosen studio ateliers, humanities electives, professional studies and technologically driven case studies. We have shared year-wide ambitions and undertaken cross-atelier reviews which enable cross fertilisation of the ideas and appreciation of the positions of others. As an overall strategy, we have created a learning environment with rich and dynamic methods to create a supportive and informed experience that prepares our graduates well for work or further study.

Primarily, we asked the students at various stages in the year what kind of architect or creative practitioner they would like to be. To help answer this, year leaders run a professional studies lecture series, connecting practice and theory through an outward-

facing sequence of dialogues. This introduces students to the manifold ways architects work as well as other types of spatial and design practice. We have also unpacked CVs, discussed tactics for job hunting with previous graduates and looked at other ways of being creative with an architecture degree.

Each studio atelier has run a year-long project with uniquely different briefs, challenging sites and distinct approaches ranging from: exploring the historic fabric of a place to an inclusive feminist social engagement; from sites in Ireland discussing the Brexit agenda to a narrative that is born out of the site's history and its inherent potential; from the agenda of time-based resilient ecologies to augmented experiences; and, a design driver based on difference. Part way through the first term all students are encouraged to undertake a study tour and in the second term each atelier visited live construction site, both complementing each atelier discourse and position. In these ways we bring together the thinking, doing and realities of architecture with perennially novel and exhilarating outcomes.

The online show this year presents the complex projects our third year students undertake and has allowed us to come together collaboratively to celebrate the diverse and focused work we have accomplished with each other.



URBAN SPATIAL EXPERIMENTATION

Staff

Karsten Huneck
David Conner

Guests

Alice D'Andrea (KHBT Architects), Bernd Truempler (KHBT Architects / osa_office for subversive architecture), Max Rengifo (WR-AP Architects), Aran Chadwick (atelier one)

Students

Mansi Agrawal, Zakia Ahmed , Piumi Algamagedona, Anna Maria Bezulska, Ryan Dunkley, Dara Edmondson, Elliot Flynn, Georges Gedeon, Louie Levison, Alfred Ryder Mcilwain, Aqilah Binti Mohammad Akmal, Sofia Aida Maarria Pamilo, Ariz Raza, Polly Pebbles Percival Thompson, Maira Tini, Jennifer Tu, Karolina Vachalova, Alice Vetrugno, Jordan Hin Ho Wong, Yasin Bin Yahya, Ethan Yap, Polina Zakharova

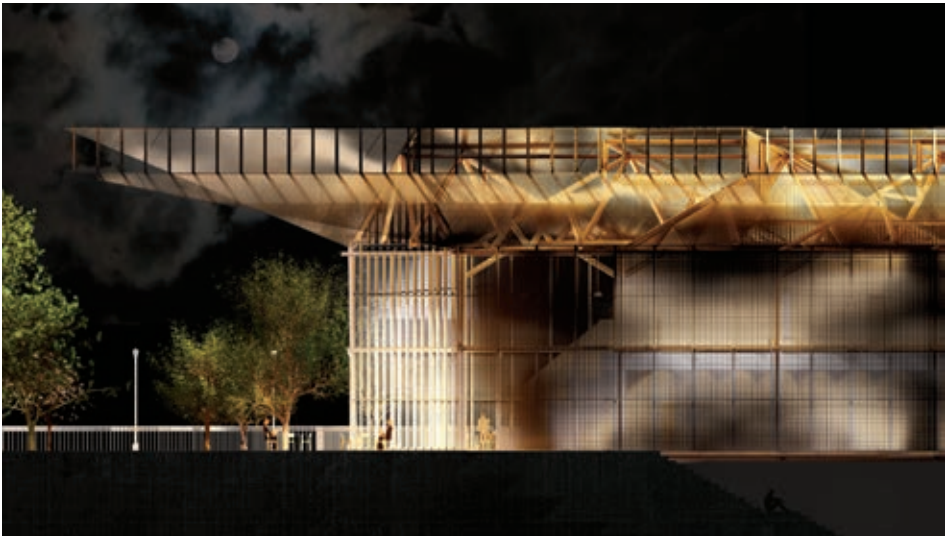
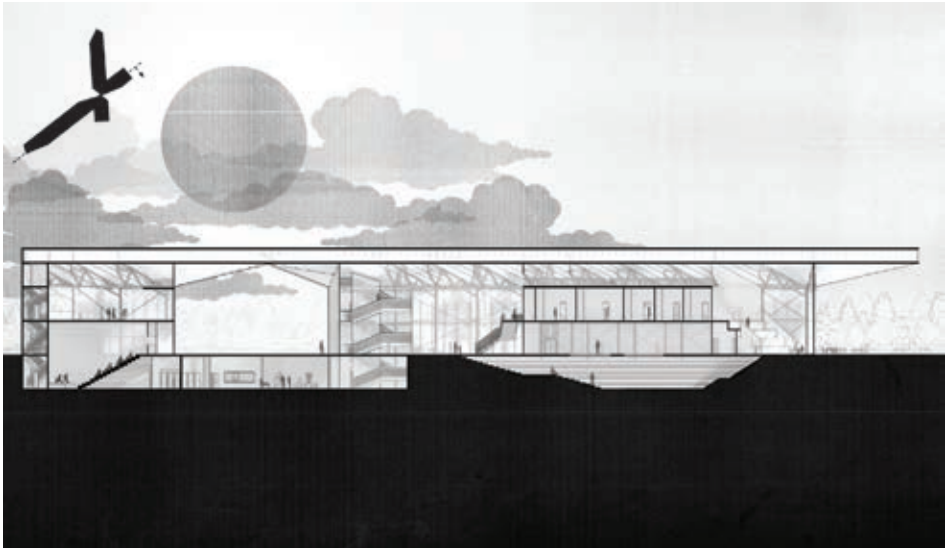
In USE each student is encouraged to form an individual concept based on a thorough site analysis. The projects follow a (personal) narrative that is born out of the site's history and its inherent potential. Students' narratives and sites combine to develop spatial and urban strategies which, in turn, inform a proposal for a building. The atelier places great emphasis on pushing boundaries and creating bold strategies through experimentation and particularly encourages the crafting of spaces using different media including physical model making, animation and creating artefacts.

The topic for this year was to develop projects and spatial strategies that explored the nature of Pomona Island an abandoned stretch of land sandwiched between the River Irwell and the Bridgewater Canal and originally consisting of five docks serviced via the Manchester Ship Canal. The island has a rich history including being one of the most celebrated pleasure gardens of Victorian Britain.

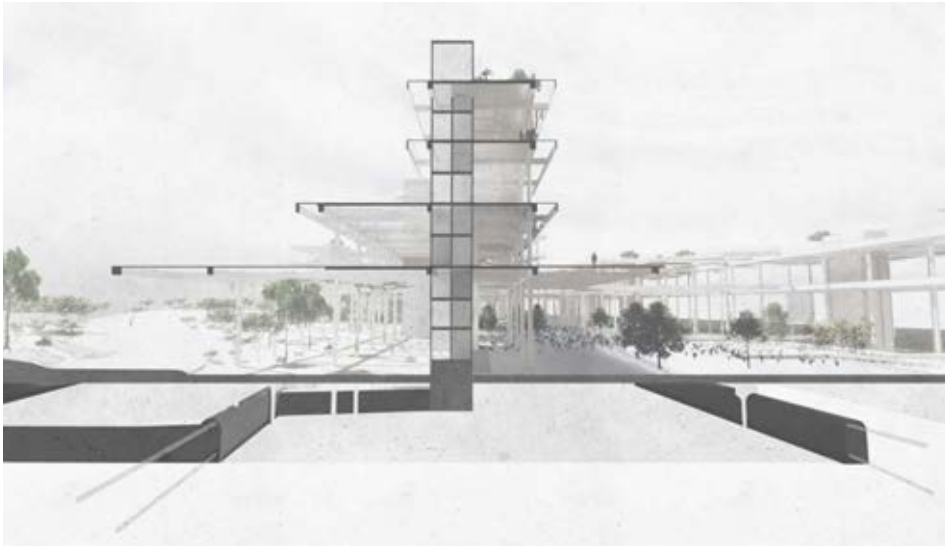
The investigations commenced with a full day of lectures and site explorations that led to the formation of each student's concept narrative. The students were encouraged to develop a free thesis project that could deal directly with the topic or explore a wider approach of 'islands'. The choice of site was free which meant that either a part or the whole island could be transformed. This approach led to an astonishing variety of proportions such as the spatial transformation of the *Pomona Play* by Ned Bennett, an elevated promenade with an integrated capsule hotel, wildlife information facilities for beavers or birds as well as innovative housing and entertainment developments. Throughout Studio 3.1 and 3.2 these ideas were developed in great detail in order to create a holistic final spatial proposal.



Sofia Pamilo - 'The Nest' Rewilding Pomona



AlfredMcilwain - 'Architectural Ghosts' Unification of historical layers into an integrated modern place for the people



Anna Bezulska - 'Layers of Pomona' An alternative housing solution



Karolina Vachalova - 'The Infinite Story' Exploration of spatial qualities through model making



Karolina Vachalova - 'The Infinite Story' Exploration of the qualities of a "recycled bin liner façade"



Karolina Vachalova - 'The Infinite Story' Elevation of the theatre tower



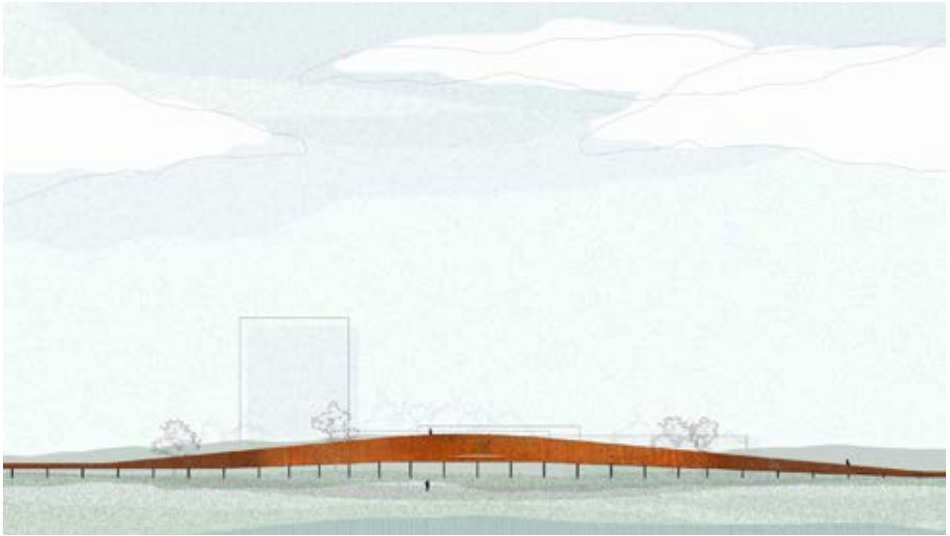
Karolina Vachalova - 'The Infinite Story' In the labyrinth



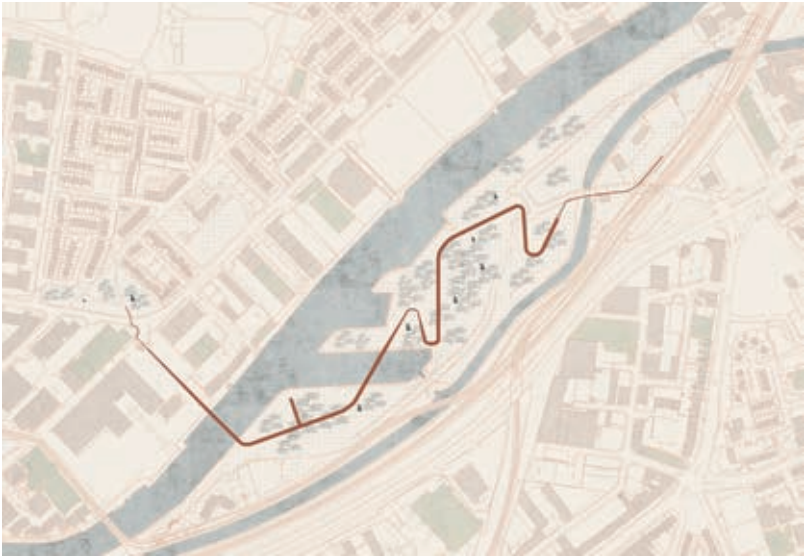
Karolina Vachalova - 'The Infinite Story' Exploration of the qualities of a "recycled bin liner façade"



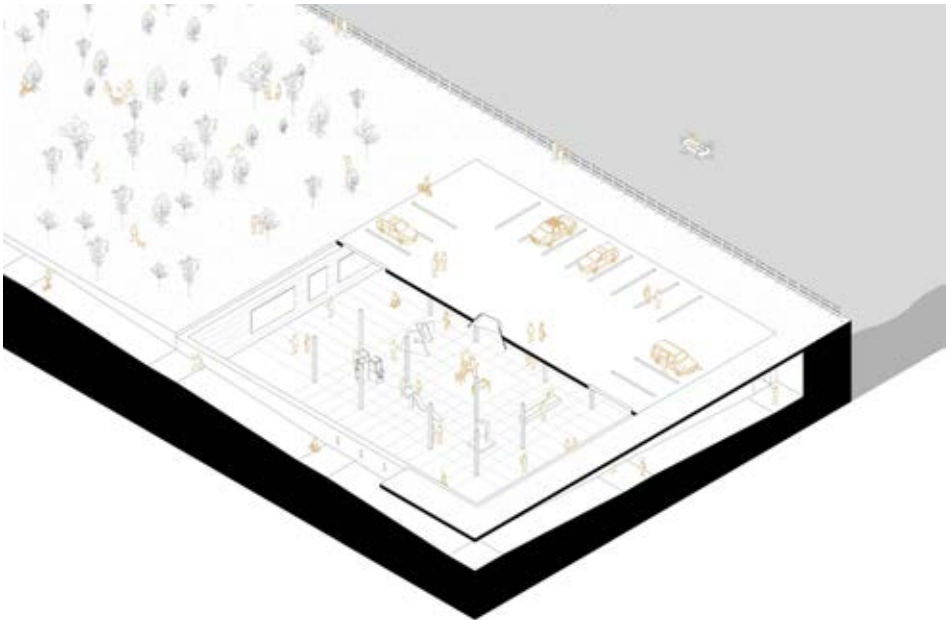
Karolina Vachalova - 'The Infinite Story' Exploration of the qualities of a "recycled bin liner façade"



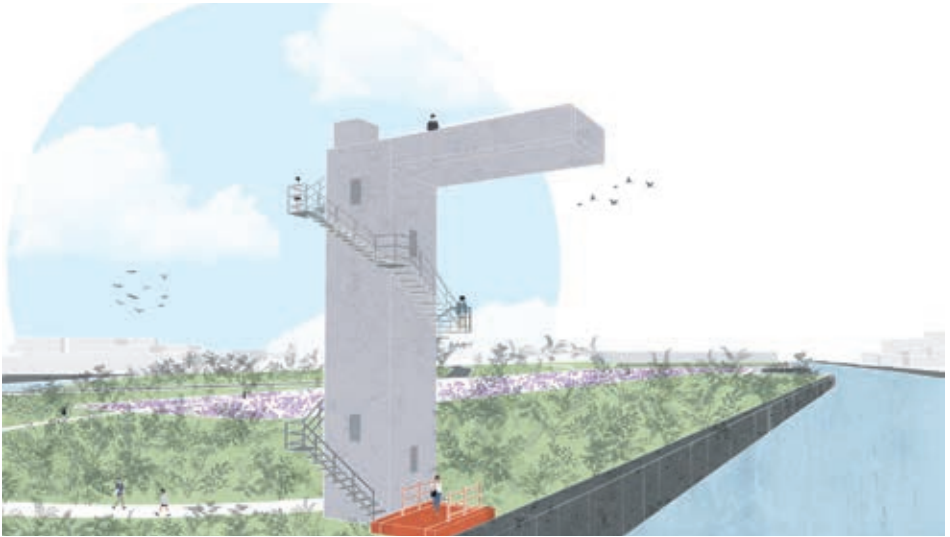
Zakia Ahmed - 'The Path' - Elevated walkway system with integrated sushi bar and capsule hotel



Zakia Ahmed - 'The Path' - Elevated walkway system with integrated Sushi Bar and Capsule Hote



Georges Gedeon - 'Pomona isn't dead....the community is' Transformation of a carparking lot



Alice Vetrugno - 'The Viewing Tower'



Louie Levison - 'The Cybernetic Forest'

PRAXXIS

Staff

Sarah Renshaw, Kate Stott, Helen Aston, Emily Crompton, Rhiannon Hodgeon, Kat Timmins

Guests

Britt Jurgenson, Erin Byrne (Greater London Authority), Anna Wildman (WML Consulting), Melissa Meyer (GLA), Tommy Harrison (Landolt + Brown), Shona Scales (GLA), Helen Hough (Bryden Wood), Darren Paine (dp2), Nick Mitchell (Purcell), Architecture Unknown

Students

Sana Akhtar, Reem Abdulhameed Alkhwaja, Millie Arnold, Jack Burns, Teshome Douglas-Campbell, Rodica Earmacov, James Evans, Ziting Hao, Selina Hourani, Abdullah Jawdatt, Shivani Kansal, Viktor Kretsis, Indigo Leveson-Gower, Anas Naqieb Bin Muda, Yasmin Nagdy, Gergana Nehrizova, Beena Nouri, Rachel Price, Muhammad Fikri Bin Shukor, Rory Thomas, Sehaam Usmani, Gergana Uzunova

students worked collaboratively with the MArch 1 Praxxis students in Old Trafford. They produced strategies for creating a new high street for local residents exploring the agenda of High Street as Host, where all forms of community exchange, other than commercial transactions, take place. In response to the strategies we have used feminist design approaches including feminist theories, dialogues, interruptions, interventions and participatory tools to enable our students to design intersectional housing on the high street whilst also exploring issues connected to being displaced, mental health, permaculture, homelessness and access to better nutrition.

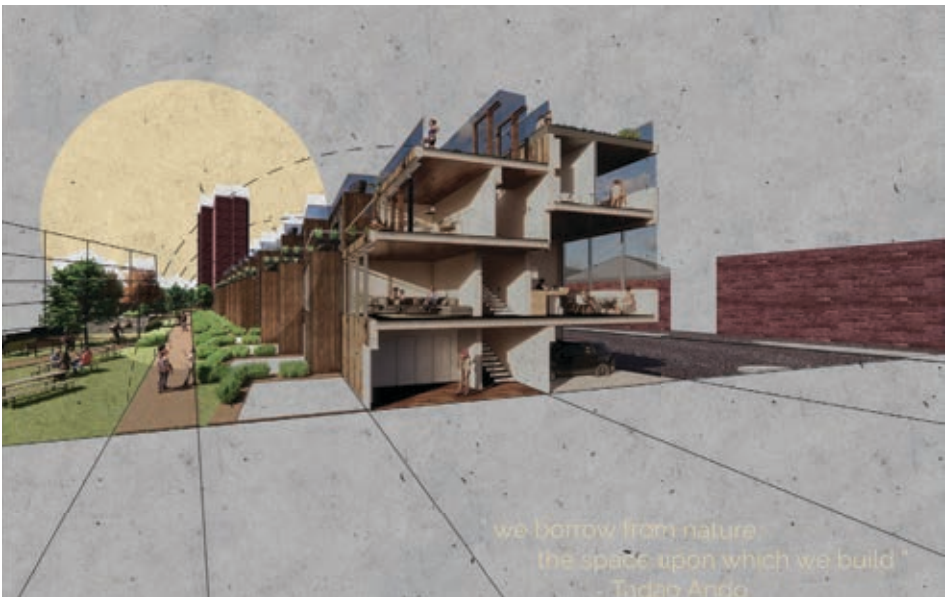
Praxxis encourages robust and open discussions through our weekly Feminisms Conversations and we are interested in projects which are both personal and political. Our overall aim is to create places shared between people of all ages, abilities, attitudes and occupations.

Follow us on Instagram and Twitter:
[@praxxis_f](#)

Praxxis is a feminist teaching atelier and research collective in both BA3 and MArch pursuing pedagogy and research within, and through, feminist architectural theory and practice. We have asked the students to explore feminist strategies and tactics to move our discipline towards a fairer and more equal society. This year we have challenged the students to construct their own agenda and develop forms of practice whose aim is not just to inform the design of a building, but a tool to transform the social, political and economic conditions of a place. At the beginning of the year the BA3 Praxxis



Rory Thomas - Technical breakdown - The housing structure is purposefully simple, increasing understanding surrounding the systems in construction.



Selina Hourani - Sectional perspective of the townhouses, which link to their surroundings through outdoor spaces.



Gergana Uzunova - A Sectional Journey within the Intersectional Housing and Community Hub



Indigo Leveson-Gower - Communal Roof Gardens - Urban farming and communal social space



Jack Burns - A Moment of Calm, a space for contemplation and tranquility with views over the site.



Millie Arnold – Technical section



Gergana Plamenova Nehrizova – Working Models



Rodica Teona Earmacov – Perspective - Introducing #TreeCommunity



Reem Abdulhameed A Alkhawaja – Site Section composite - a glimpse of the housing.



Muhammad Fikri Bin Shukor - "Red" contrasts "Blue". "Red" is the south facing elevation. It illustrates the high energy that it emits from the project



Sana Akhtar - Alvira's journey - Always personal, this image explores Alvira's personal journey through the welfare centre, she mostly spends time in workshop and art studio spaces.



Ziting (Hailey) Hao – House Axo

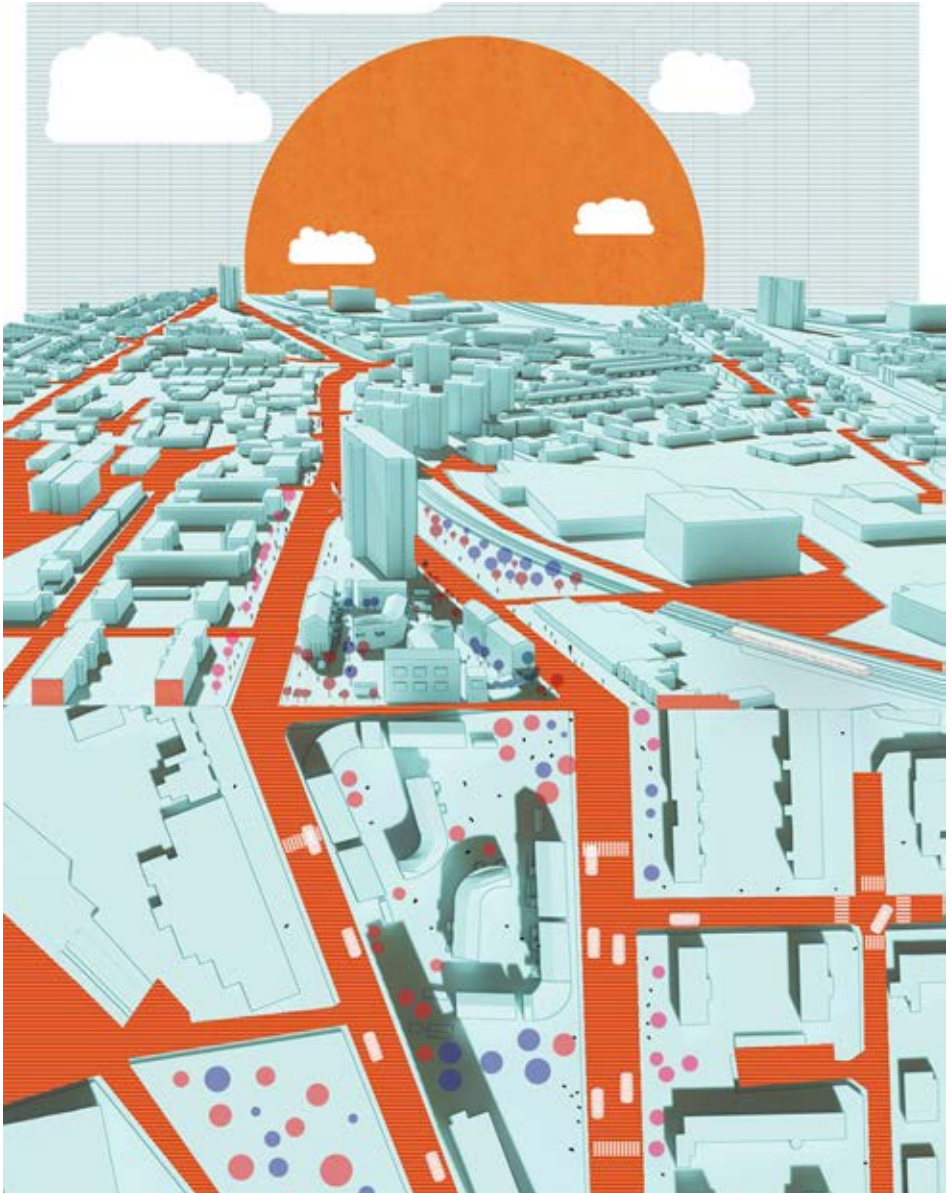


Teshome Douglas Campbell - Eco friendly, fordable and democratic housing



Beena Nouri - Welcome to Stretford Road





Abdullah Jawdatt - Perspective – Connect with the Community



Yasmin Nagdy – 'COFFEE AND CIGARETTE' join your neighbour on your 'private' balconies for a brief catch up . . . make sure to keep 2m apart!

INFRASTRUCTURE SPACE

Staff

Dr. Laura Coucill, Jack Penford Baker, Richard Morton, Lisa Kinch, Sam Higgins, Nicholas Nielsen, Jamie Wallace

Guests

Prof. Tom Jefferies (QUB), Shane Campbell (ICBAN), Prof. Greg Keeffe (QUB), Dr. Richard Brook (MSA), Dr Alix Vargas (Connected Places Catapult), Gemma Ball (Satellite Applications Catapult), David Livingston (Napier Meridian), Kevin Logan (Maccreeanor Lavington), Sunday Ekpo (5G technologies, MMU), Andreas Leonidou (Hawkins Brown), Justin Tan (PLP Architecture), Jack Moloney (Chapman Taylor), Graeme Moore (Consarc Design), Stephen Douglas (HallDouglasBlack)

Infrastructure Space operates as a design and research atelier using data mapping and spatial analysis to develop architecturally driven proposals that test possible spatial futures. We are particularly interested in the interface between technology and physical space, and how this has manifested in architectural and urban form. Our approach is cross thematic, spans a range of spatial scales and embraces value and effectiveness in their manifold forms.

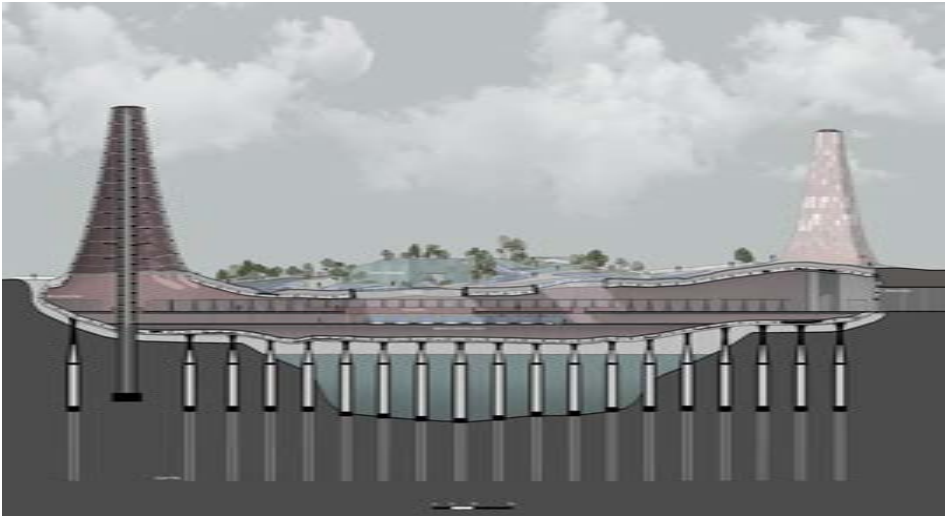
This year we have been evaluating the spatial implications of Brexit for the UK – Republic of Ireland border, specifically exploring ideas of digitally enabled space and seamlessness. The atelier comprises BA and MArch students and our pedagogy is grounded in multi-level, cross-disciplinary activity. The year began with a research-led,

JMCE funded, workshop which brought together architects, technology consultants, community stakeholders, academics and students to trace the production and mobility of materials in a range of possible Brexit outcomes. This set the scene for linked studio briefs which have studied the relationship between manufacturing, logistics + distribution and customs + services. In October 2019, we travelled to Kyiv, Ukraine, to experience borders and explore architectural latency and obsolescence.

BA3 have focussed on future forms of manufacturing. Through the lens of Brexit, projects have questioned what will be produced in future factories, the nature of workers and their skills and how space is affected by process and quality monitoring. Projects have considered the lived experiences and what form factory towns of the future might take.



John Michael Bell - Warrenpoint Crab Factory



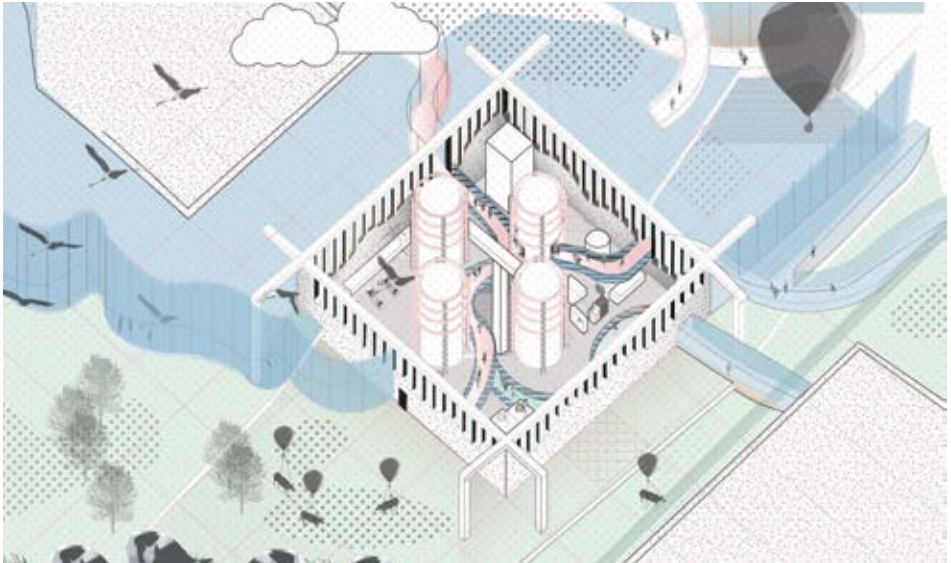
John Michael Bell - Warrenpoint Crab Factory



Alexander John Wallace - Agriculture 2.0



Kelly Lui - Breaking the Mould



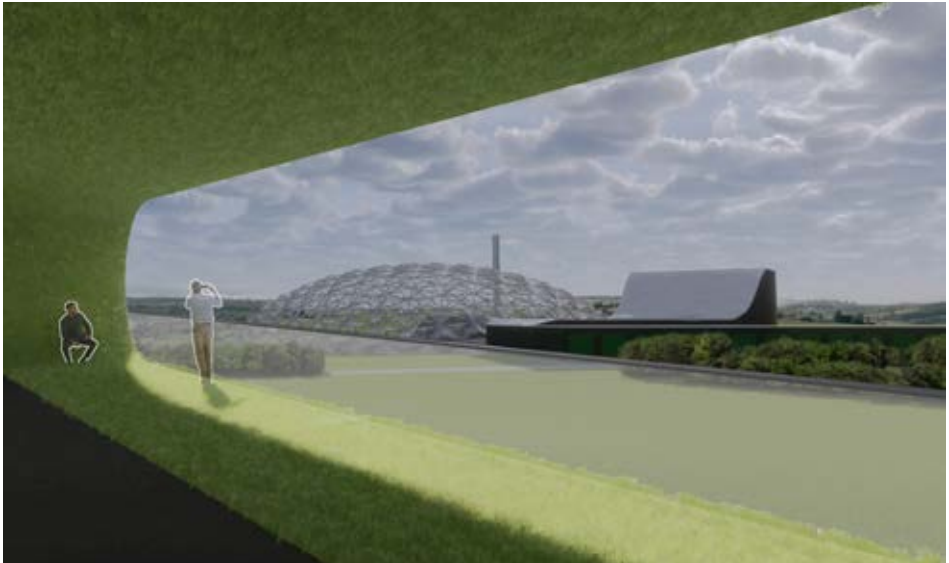
Ioana-Antonia Naghi - Dairy or Riots?



Lee Bowen - BioGen Strabane



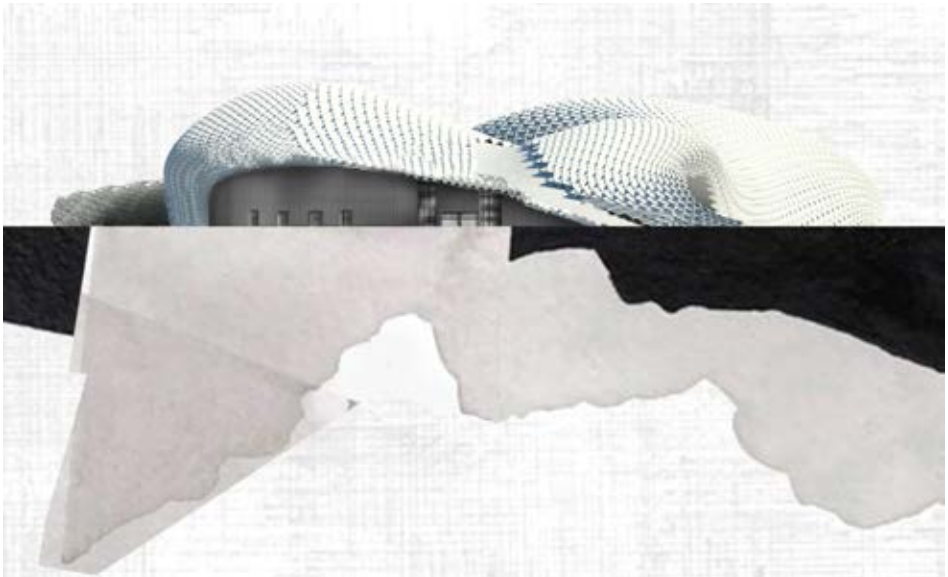
Lee Bowen - Rainy Day



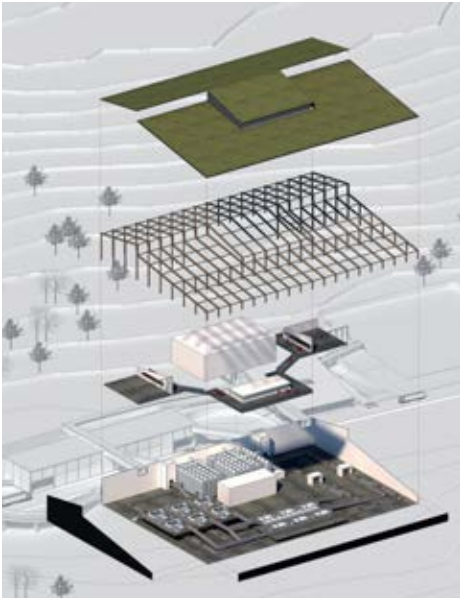
James Chant - Sci-Fac



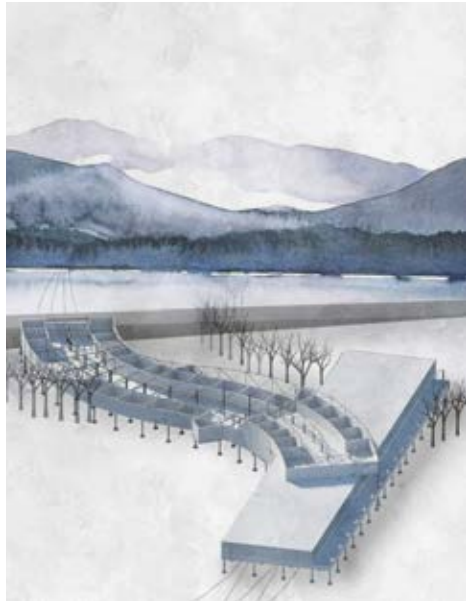
Esha Emmanuel Selamat Jati - Drywaste Plant



Sandra Janik - Upcycled Textile Research Testing Centre



Francis Harry Stewart Richardson - Irish Linen Factory



Jia Jia Teo - Wind Turbine Fabrication Facility



Joseph Twitchen - IndustriRE



Matthew Paul Foulerton - Confiscated Goods Centre



Matthew Thomas Jacovelli - People Centred Industrial Architecture

FLUX

Staff

Carrie Lawrence
Dan Dubowitz

Guests

Riccardo Marini (Marini Urbanismo), Prof Oren Lieberman (Portsmouth), Elisabeth de Brezenac (Lancaster), Ian Miller (Archaeologist, University of Salford), Jack Davies (Irk Valley photographer), Zoe Bruce & Nick Cherry (Glasgow tours), Mathew Davies (Kier), Ben Wolstenholme (Morgan Sindall)

Students

Kyra Anne Jennings, David Baraev, Grace Millie Conway, Foreman Hannah, Kate Hargreaves Davis, Cecilia Ellen Morgan, Vilius Petraitis, Nina Pjevac, Kilian Soudy, Shreenidhi Srinath, Yeung Thi, Kjestyn Yee Shuk Mynn

This atelier proposed a site and a series of provocations, but did not prescribe a brief or a method. Students in Flux were invited to investigate new ways of practicing architecture and to then develop designs that respond to real-world problems as they encountered them. The primary challenge was to investigate an architecture that could bring about a state of change. The site is the Lower Irk Valley, one of the most challenging post-industrial landscapes in Manchester that, despite flowing into the city centre, stubbornly resists regeneration. Based on matters of care developed by each student, individuals developed their own ways of working. These practices grew out of a deep and sustained engagement with the site over the course

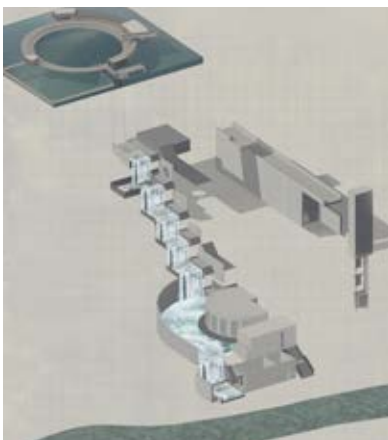
of six weeks. Each Flux student developed proposals for transforming the land along the River Irk. These grew out of the relationships formed with the people they met along the way and 'Irk Town', as they experienced it.

In studio 3.1 each student was asked to develop a series of proposals that could initiate a state of change across the whole valley and reawaken this blind spot in the Mancunian imagination. The focus here was an architecture of the immediate future to help bring the site back to life. In studio 3.2, students were challenged to delve deeper into one part of the site and conduct research through design. The aim was to produce an architecture that could now effect a state of change over several decades. A proposal that could establish a new identity for the people of Manchester and the area that grows out of society and place.

Flux students undertook self-directed field trips to inform their projects ranging from tours through Glasgow underpasses and seeing Middlesborough through fresh eyes in the UK to pilgrimages to Peter Latz' Landschaftpark & Raumlabor's 'Floating University', Berlin, Germany, Luchtsingel & Buikslooterham post-industrial transformations in Rotterdam & Amsterdam and a Brodsky installation in Moscow.



Cecilia Morgan, The Sonic Exchange



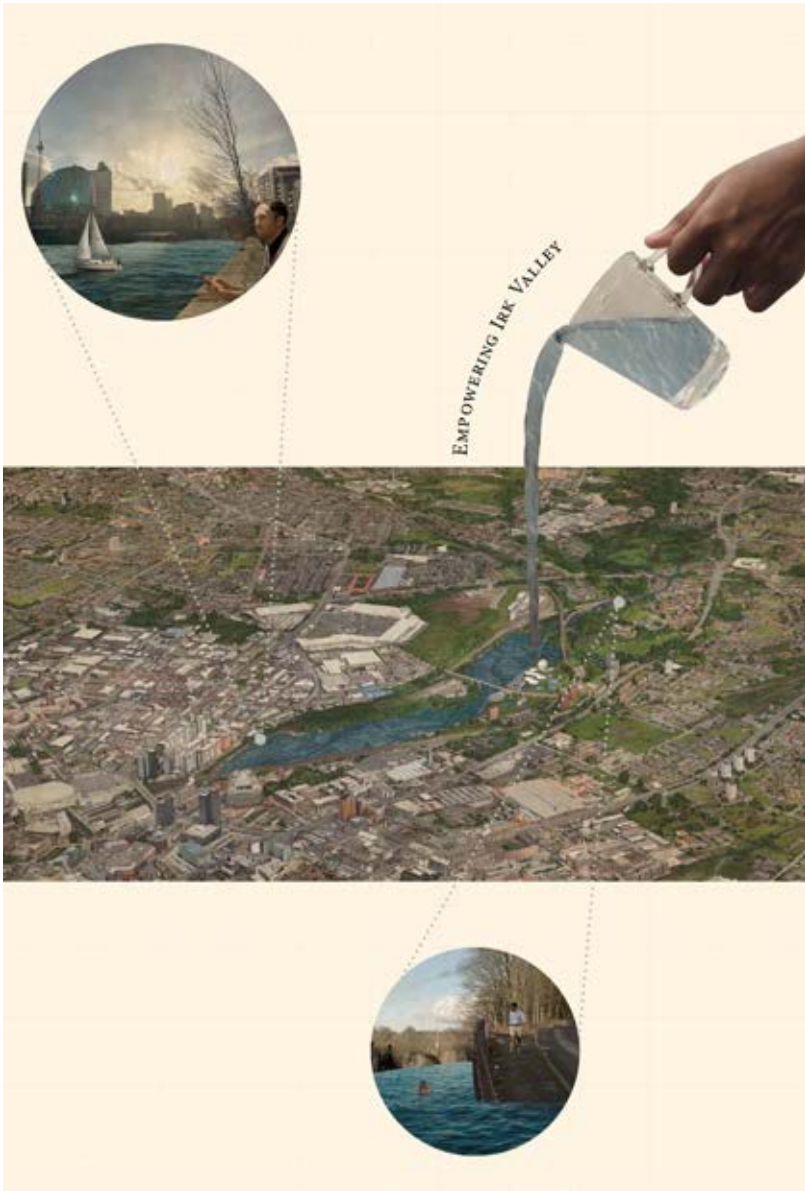
Kate Hargreaves, The Irk Lido



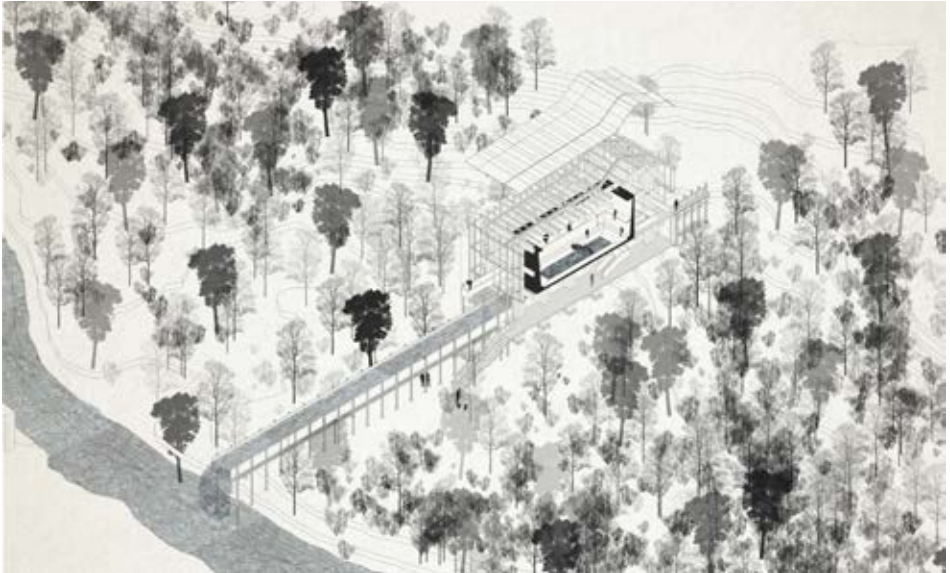
Kate Hargreaves, The Irk Lido



David Baraev: The Path of Time



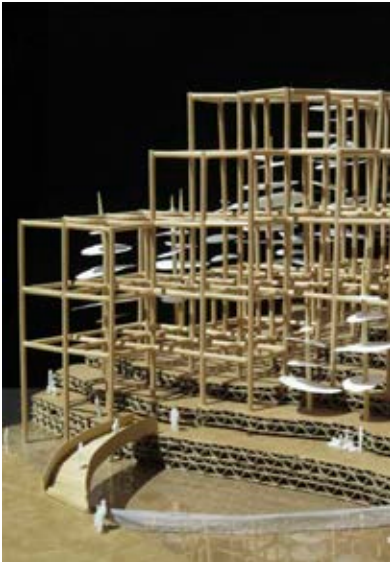
Shreenidhi Srinath, Generating Vitality



Vilius Petraitis - WaterLab, Disinfection Tanks



Kilian Soudy - The Irk Collective



Hannah Foreman - Co:Ownership



Nina Pjevac - Wasted Landscapes



Grace Conway - Radical Parliament

CONTINUITY IN ARCHITECTURE

Staff

Mike Daniels, Claudio Molina Camacho, Laura Sanderson

Partners

Shrewsbury Big Town Plan - Shrewsbury Town Council (Helen Ball, Gary Farmer and Amanda Spencer) Shropshire Council (Claire Evans, Hayley Owen and Tim Pritchard), Shrewsbury BID (Seb Slater), Darwen Terracotta (Jon Wilson), Hargreaves Foundry (Andrew Knight), Jack Badger Joinery (Ben Naylor)

Students

Maryam Abdulhameed Ahmed Ali Ajoor, Owen Matthew Brouwer, Paula Eliza Bruvere, Lok Yiu Chan, Isobel Currie, Sharanja Mary Acouchla De Zoysa, Tara Dehghanpour, Alicia Desmay Hernandez, Omar El Amine, Francesca Niamh Geyerhosz, Toby Rex Goldsmith, Yik Hin Lam, Yi Yang Law, Yeunhyung Lee, Lada Leidmane, Luvsansambuu Luvsansambuu, Nurul Syamimi Binti Mohd Khalid, Hadif Syazani Bin Taharen, Eve Talty-Sanghera, Alistair William Trueman, Neda Vaiculyte, Gianetta Hip Chi Wong, Reicela Paula Zapevalova

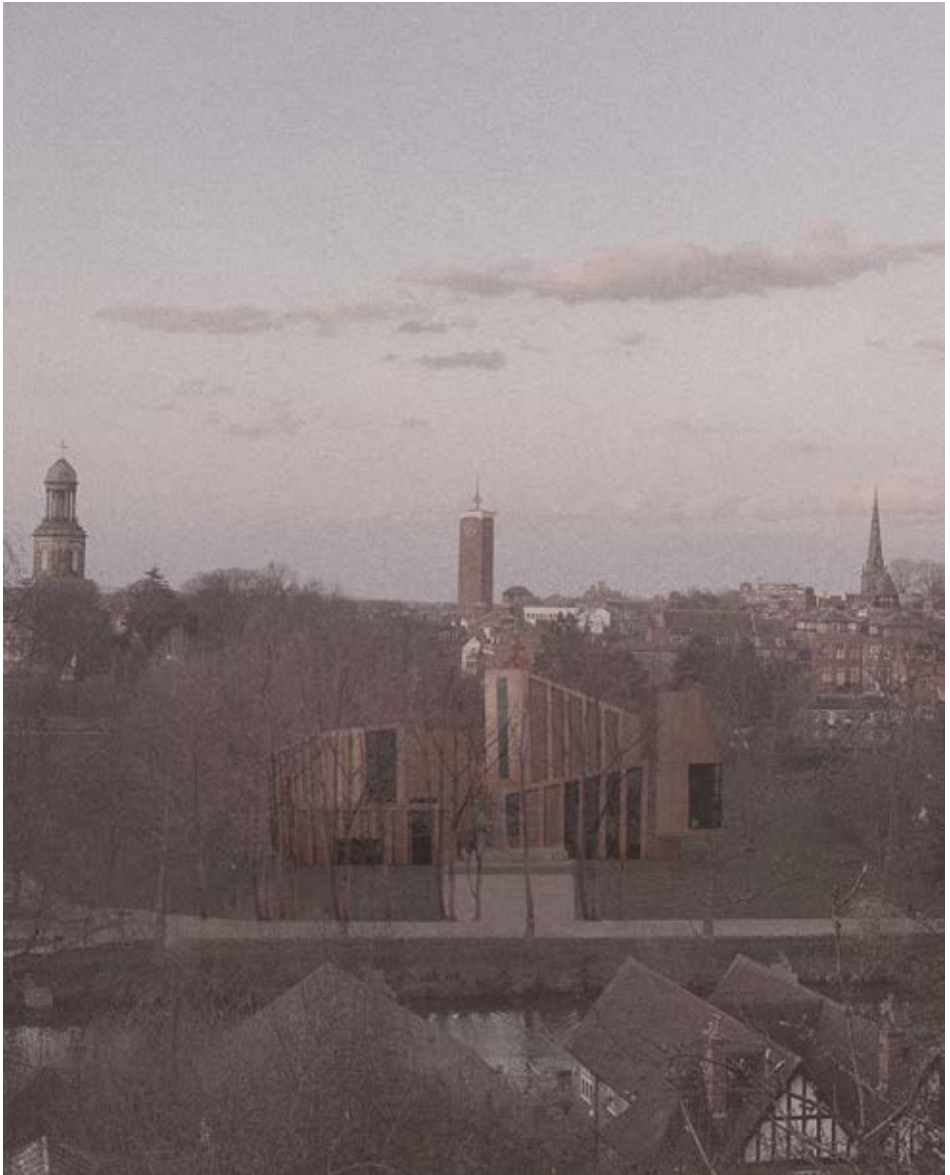
"The still life paintings of Morandi typically depict several vessels, the form of each reflecting the desires and purpose of its maker. Each composition acquires particularity by the idiosyncrasies of the vessels and the way in which they stand together, forming an apparently casual arrangement that is, in fact, so carefully composed that the equilibrium among the vessels and the meniscus-like

tension of the space around and between them would be destroyed by any even slight adjustment."

Kevin Kieran from
'The Uses of Difference', 1997.

Continuity in Architecture (1993 -) run programmes for the design of new buildings and public spaces within the existing urban environment. The emphasis is on the importance of place and the idea that the design of architecture can be influenced by the experience and analysis of particular situations, a strategy that establishes an explicit relationship with environment, circumstances and history, not just with the building site and its immediate surroundings, but also with the climate, topography, geology, culture of the society that initially used the place and also those that will occupy it now and in the future.

This year, BA3 and MArch years worked together on projects in Shrewsbury. Following the pattern of previous years, and linked to Continuity in Architecture's research enquiries into Small Settlements, the atelier worked, by invitation, in partnership with a local regeneration team named Shrewsbury Big Town Plan. Working on a site on the edge of the Town Centre, students in BA3 have made contemporary, contextual additions to the town; housing the new Library and Council Offices. Starting with an investigation using Gordon Cullen's 'Serial Vision' (1961), students examined the approach to the site through two axial routes from the Train Station and investigated the unique quality of site as a boundary between the Town Centre and the 16th Century Quarry Park.



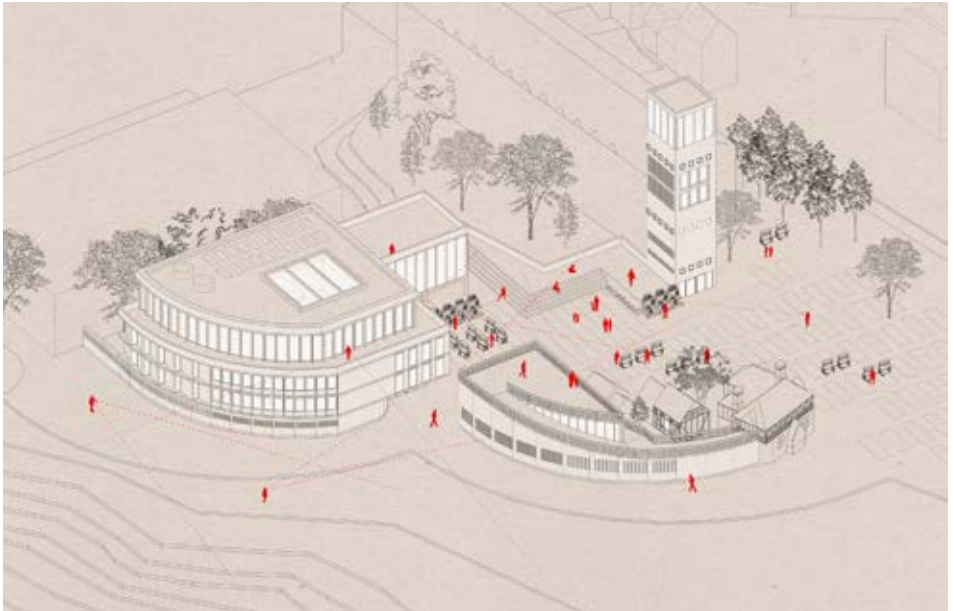
View to the Library from Shrewsbury Boy's School - Isobel Currie.



Night time view over the Palazzo in front of the Library complex - Reiċela Paula Zapevalova



View through the Entrance Corridor - Frankie Geyerhosz



Site Isometric - Paula Brüvere



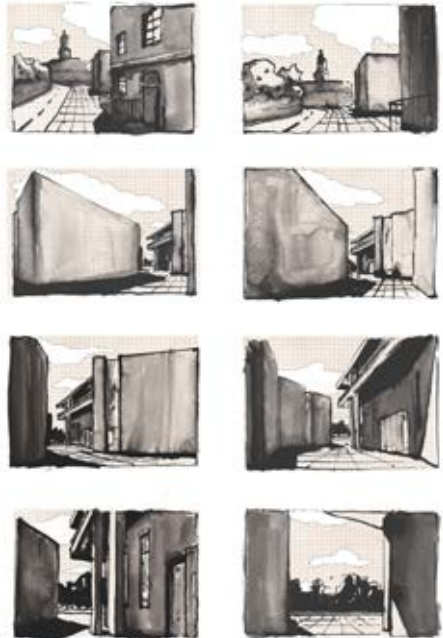
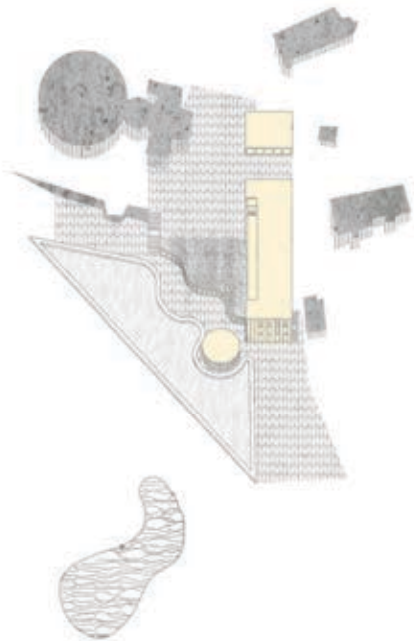
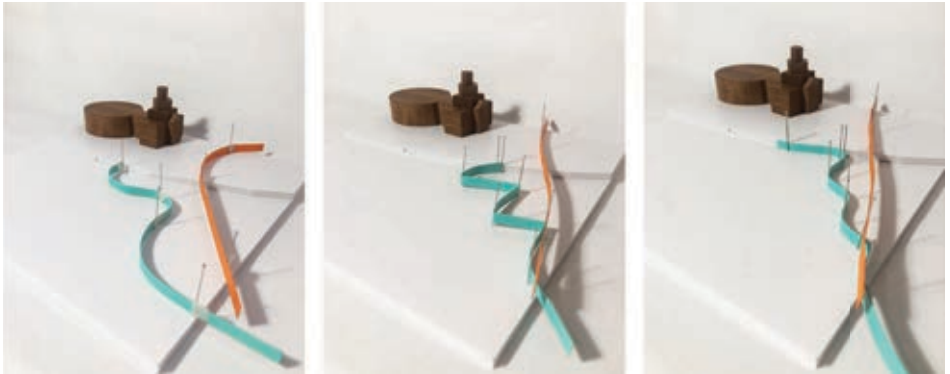
The Library Courtyard - Tara Dehghanpour



Sectional Perspective - Eve Talty-Sanghera



View towards St Chad's between the Library - Omar El Amine.

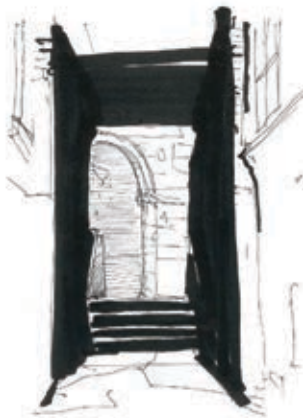


Testing the Curve and The Three Blocks - Hadif Taharen

Serial Views through the Library's Courtyard - Reiçela Paula Zapevãlova



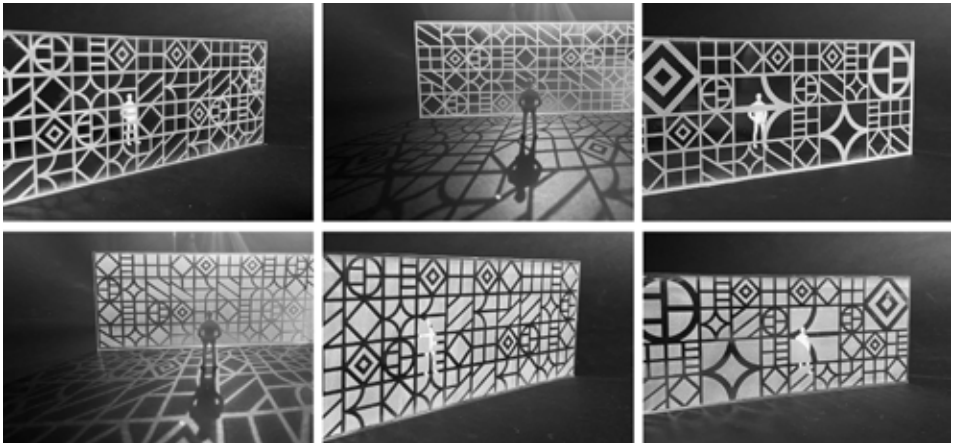
Towards the Entrance, through the Trees - Neda Vaiciulyte



Serial Vision - Lada Leidmane



View from the Claremont Hill in the Rain - Lada Leidmane



Model Tests - Alicia Desmay Hernandez.



Elevation in Context - Neda Vaiciulyte



View towards the Church at Sunset - Luvsansambuu Luvsansambuu



The Exhibition Space - Toby Goldsmith



The Wall - Owen Brouwer

ADVANCED PRACTICE

Staff

Matt Ault, Matt Pilling, Patrick Drewello, Neil Allen, Stephen Wall

Guests

Marios Tsiliakos (Foster + Partners), Mary Arnold-Forster (MA-F Architects)

Students

Stella Allamenou, Tudor Cosma, Lukas Gedeikis, Simona Ivova Gerova, Khalil Kamarulzaman, Hau Wee Koh, Ibaa Adil Hassan Al Lawati, Chung seng Loh, Alina Marinescu, Raussell-Vince Mendigo, Iulia-Georgiana Nastasache, Veroniki Nikolopoulou, Kimberly Pei Zhen Ng, Kanilaras Prihadikari, Serah Sadique, Dominic Street, Ali Irfan Bin Shazali, Jinkun Shen, Franci Tafilaj, Aiman Tarmizi, Adriana Tomeci, Rucha Anand Valimbe, Keating Walters

design competitions. All projects explore contemporary and novel design methods and material performances in tectonic and spatial propositions. Testing of these occurs in application to a specific programmatic brief and this year's themes were 'high-rise' and interpretations of the notion of 'performative pattern'.

Projects began with digital and material experimentation in the design response to a pavilion competition brief in Milan. Projects then developed ideas, applying design techniques and understandings of material performance to the high-rise context in city-centre Manchester.

The atelier is conceived as a think tank and test bed - a platform for research and experimentation in architectural design and is concerned with holistic understandings of design and sustainability.

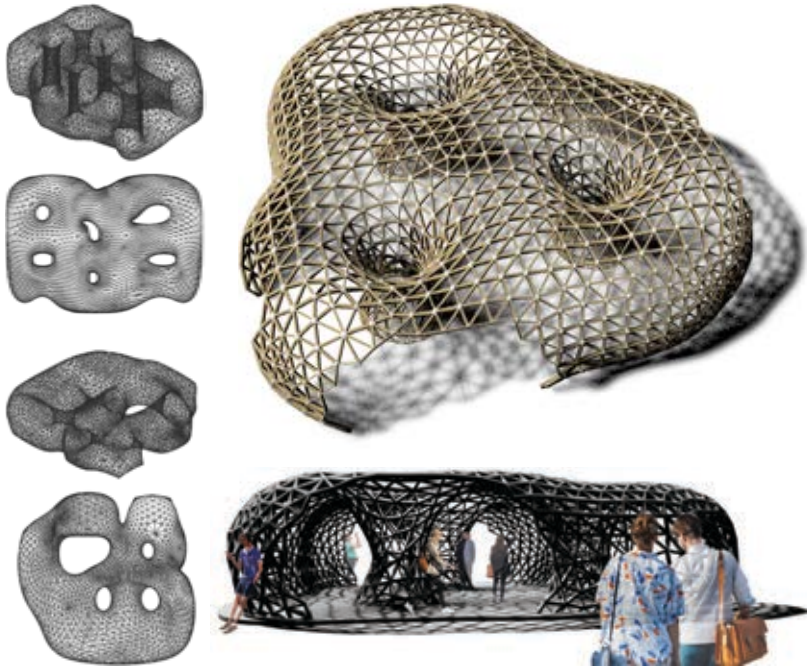
Within the evolving context of advanced architectural practice our interest lies in the interaction between technology and people, in the design and delivery of environments that support the needs and activities of contemporary and future society, in a creative, positive and equitable way. We engage and collaborate with specialist consultants and with our MArch atelier, consistently gaining successes in international



Chungseong Loh - Porocity Tower



Franci Tafilaj - Observatory, Aviation and Space Centre



Tudor Cosma - Digital modelling studies and pavilion concept



Simona Gerova - Expanding foam textile studies



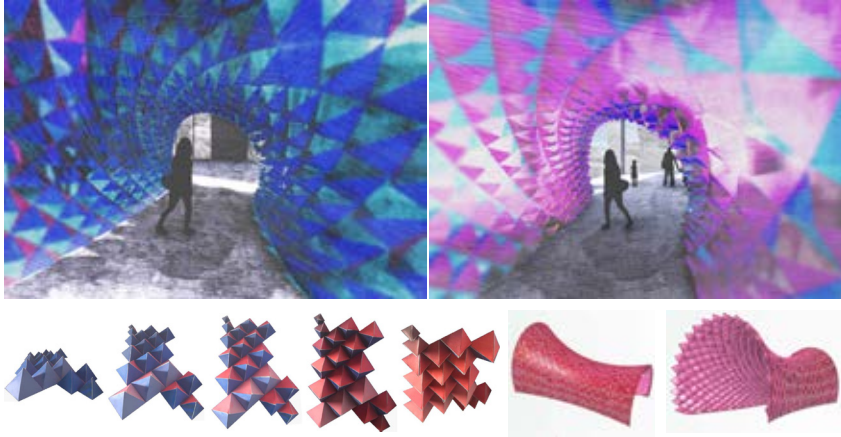
Adriana Tomeci - Vortex Tower



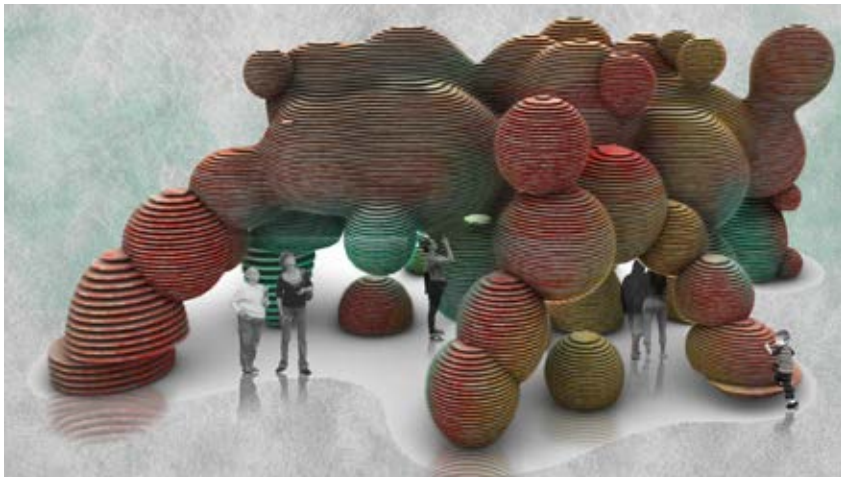
Khalil Kanaruzaman - Timber Waffle Exoskeleton



Alina Marinescu - Massing and lighting study



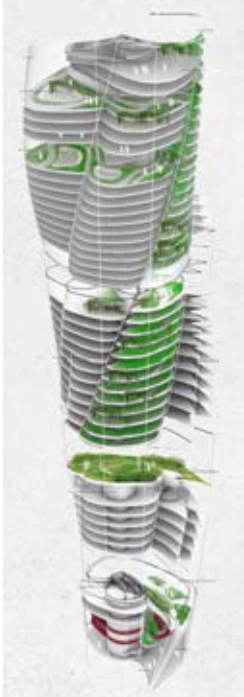
Iulia-Georgiana Nastasache - Anamorphosis Pavilion



Alina Marinescu - Cavern Pavilion Concept



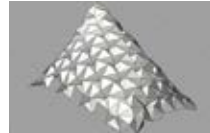
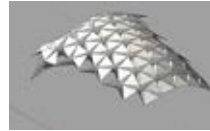
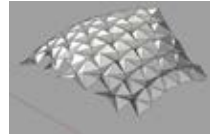
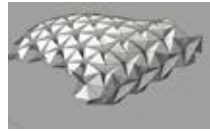
Simona Gerova - Quartz Crystal Pavilion - lighting studies



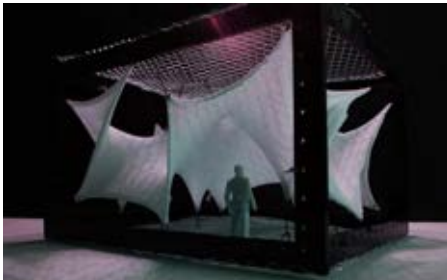
Adriana Tomeci: Vortex Tower - sky garden circulation spaces



Simona Gerova - Well-being Office Tower



Rucha Valimbe - Testing through physical lighting studies and digital parametric modelling



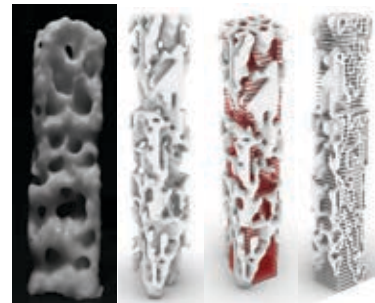
Simona Gerova - Tensile fabric pavilion maquette



Ali Shazali - Multi-layered bamboo pavilion



Kanilaras Prihadikari - Grapefruit Pavilion



Lukas Gedeikis - Wax + digital morphology studies



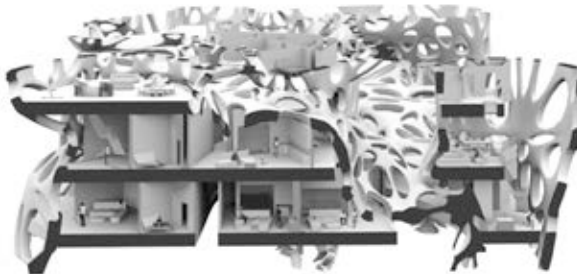
Simona Ivova



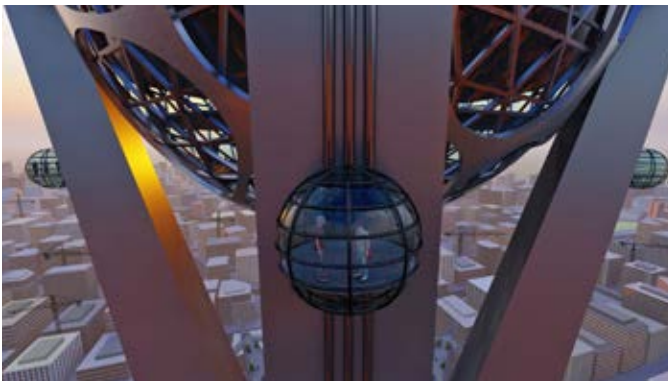
Ali Shazali - Biophilic Tower - roof terrace



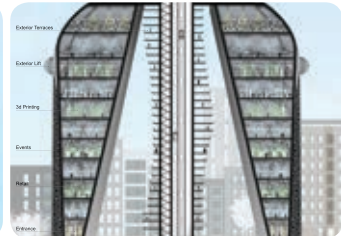
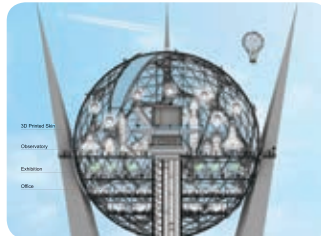
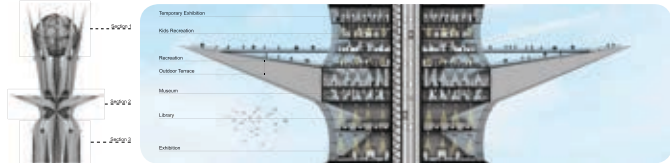
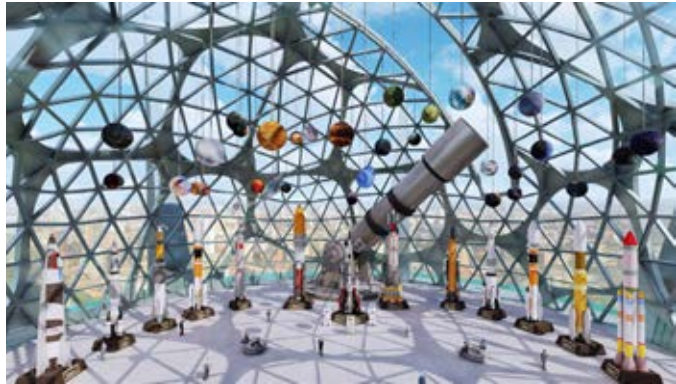
Alina Marinescu - Sky Garden



Lukas Gedeikis - Spatial studies - digital and 3D printed modelling



Franci Tafilaj - Observatory, Aviation and Space Centre - Cafe and sky walk views over Manchester



Franci Tafajlaj - Observatory, Aviation and Space Centre - Observation platform and section drawings

&RCHITECTURE

Staff

Kasia Nawratek, Stephen McCusker

Students

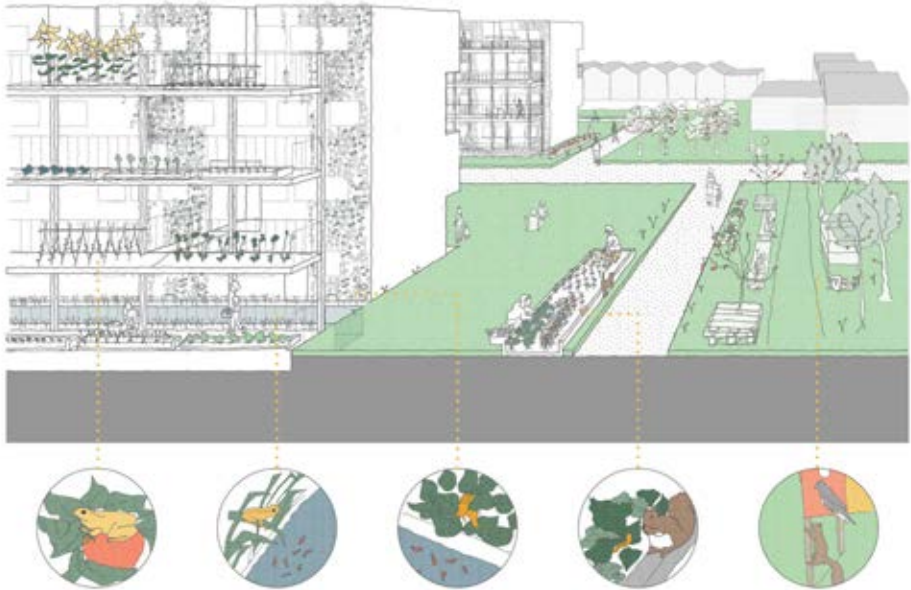
Mohsin Ali, Sarah Altheyab, Jessica Bell, Lucy Chambers, Agnes Wan Nee Cheah, Louis Dunphy, Chada Elalami, Max Ferguson Frost, Walwallah Hivadost, Lucy Kendall, Joseph Makhoul, Mohamad Hanif Bin Mohamad Zaidi, Eleanor Moselle, Catalina Mihaela Nicoara Rosie Park, Sobaan Hassan Rehman, Juliet Tremble, Dilan Vitlhani, Yumian Zhou, Lucy Elizabeth Hobbs, Andia An Yi Chan, Qabas Hassan Mohamed Al Lawati

the design process. We asked “What if?” and explored extreme future scenarios which turned out to be not so extreme when the world faced the Covid-19 pandemic. Suddenly, our investigations became even more relevant and questions of resilience and inclusivity are even more important now, when a new, post-pandemic world is emerging.

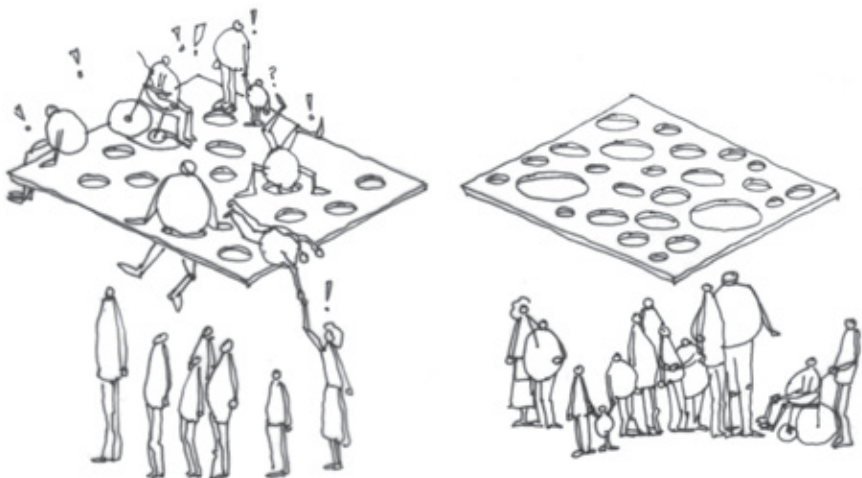
Following &rchitecture agenda, we firmly positioned ourselves as citizens capable of making a difference, creating affective spaces in cities and buildings.

In the &rchitecture atelier we argue that difference is not a mistake that needs eliminating, but the potential for creating a more just society. Without engaging with different people, contexts and methodologies, our thinking and practices remain unchallenged. This limits the architect’s ability to address the complex and fluid conditions we practice in. We believe that difference itself should be valued for its creative potential, and be the starting point for all physical and conceptual activity. This year we explored how housing design can support different kinds of people to live well together. We chose a site in Withington, Manchester working with local partners including the main social housing provider and developer in the area.

Using speculative design techniques and narrative as a design tool, we investigated difference through the lenses of ability, identity and agency. We first applied them to ourselves and then to our projects at every stage of



Eleanor Moselle - Sectional perspective showing biodiversity across the site



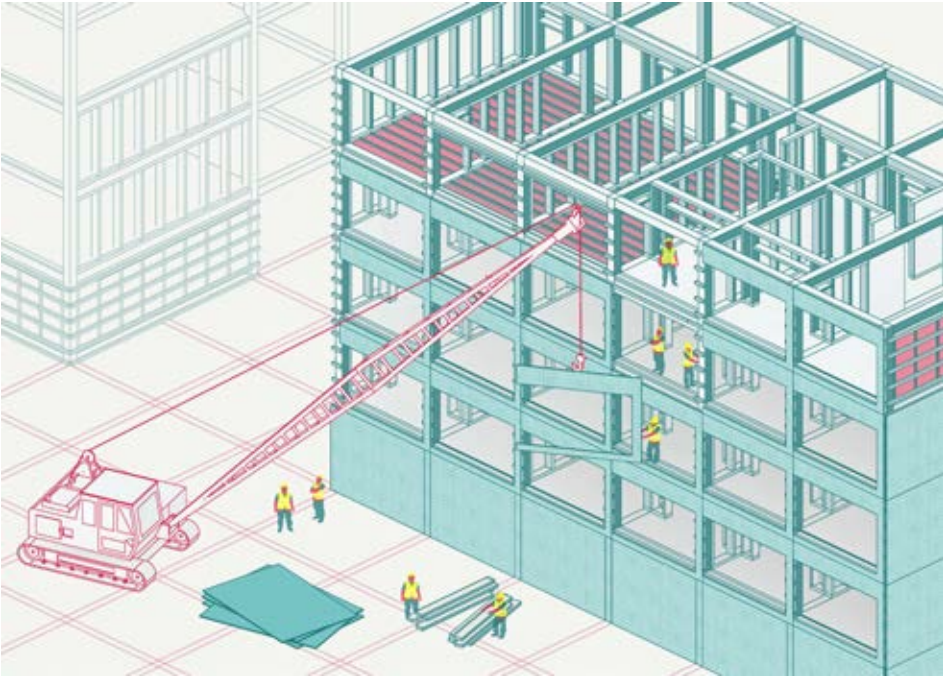
Catalina Nicoara - Diagrams illustrating the paradigm change I believe architecture currently needs: From a world designed for the universal and the ideal user, to a world tailored to accommodate and celebrate difference and complexity



Lucy Kendall - Neighbourhood Life: skill sharing activities focused on the cycles of construction, textiles and food to encourage the incorporation of circular economy principles and social interaction within the neighbourhood, all facilitated by the communal hub



Chada Elalami - Complexity and variety



Max Frost - Site Section along Barbican Street, the new axis across the site, knitting the housing into the High Street landscape with a public square, playground and allotment spaces along the route



Max Frost - Rapid and simple construction formed a key part of my structural strategy, which is outlined in this axo, with cyan tiles on cladding panels attached rapidly to a Glulam and CLT primary structure



Max Frost - My themes of permeability and productivity are expressed with the landscaping shown in this axonometric, with growing and green spaces distributed across the site, while pink concrete tiles highlight the routes across the site



Mohsin Ali - Sectional perspective of the western housing block showing the relationship between the hempcrete-timber structure, units, interior street circulation, farm and landscaping



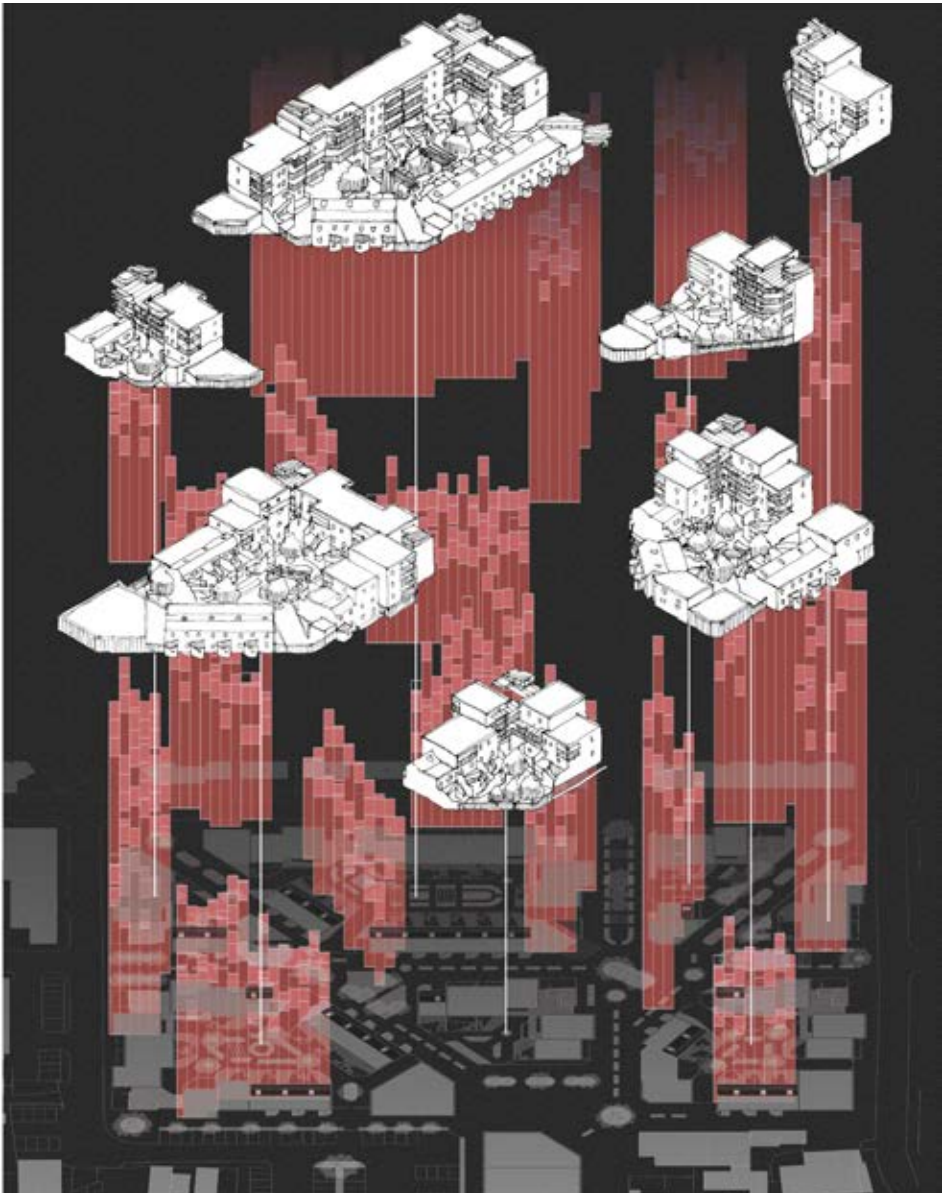
Eleanor Moselle - A kitchen-garden connection that encourages food production



Mohsin Ali - Axonometric drawing of scheme showing it in relationship to its urban context



Louis Joseph Dunphy - My space



Louis Joseph Dunphy - A lot of little agency



Rosie Park - In this series of expressionist inspired lino prints we explored how the site would respond to a scenario of political disruption and food shortage



Rosie Park - Vignettes display interior views into the community spaces in the scheme that aid in facilitating a self-sufficient community

HUMANITIES

Humanities Lead

Dr Ray Lucas

Dr Luca Csepely-Knorr

Staff

Helen Aston, Matt Ault, Laura Coucill, Angela Connelly, Michael Daniels, Johnathan Djabarouti, Dan Dubowitz, Kim Foerster, Rachel Harris, Karsten Huneck, Victoria Jolley, Jenna Kinsey, Carrie Lawrence, Stephen McCusker, Leandro Minuchin, Richard Morton, Kasia Nawrotek, Dragana Opacic-Wilkinson, Maryam Osman, James Robertson, Laura Sanderson, Rosemary Shirley, Lukasz Stanek, Matthew Steele, Lea-Catherine Szacka, Stephen Walker

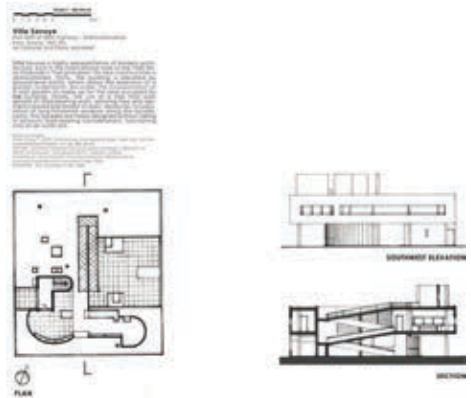
GTAs

Benjamin Blackwell, Debapriya Chakrabarti, Samuel Holden, David Johnson, Demetra Kourri, David Mountain, Osama Naim, Salma Soliman

The BA Humanities course provides students with a robust understanding of architectural history and theory. A variety of teaching practices engages students in contemporary debates and enables them to understand a wide range of theories and methodologies.

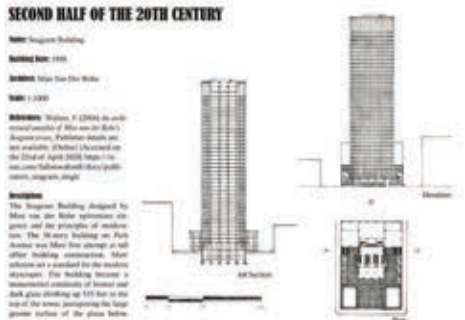
BA1

We introduce students to the study of architectural humanities in first year. Here, we focus on the fundamentals of the discipline, both in terms of content and the skills acquired. We discuss the role of the architect through the history of the profession and discuss the possibilities of what architectural history can be.



Architectural History: Epochs

In Epochs, we discuss the histories of practice and professionalism in architecture. Through combination of lectures, seminars and building visits, students research the expanded field of architecture and its history. This is framed as a series of epochs, broad movements and periods with a consistent enough character to provide a unit of analysis. These key epochs overlap with the general history of ideas, as understood in contexts including the UK, Europe and the wider world.



Architectural History: Paradigms

Paradigms engages architectural history to understand design processes. It highlights the importance of investigating individual buildings and relating them to their historical context. To celebrate the 100 year anniversary of the Bauhaus in Germany, first year architecture students prepared an exhibition of modern houses for Paradigms. The work was exhibited at the Modernist Society in Manchester. The exhibition united models and drawings of the iconic Bauhaus' Master's houses in Dessau, Germany, designed by Walter Gropius with models of houses in London designed by architects associated with the Bauhaus School or the British MARS Group, who were connected to CIAM. Collectively they demonstrate the progression of architectural style through an understanding of modern materials and construction techniques. The exhibition highlighted international links between the groups and the individual designers' contributions to the evolution of modernism in architecture.



BA2

BA2 Humanities introduces students to theories of architecture, practice and professionalism. The units consider ideas, theories and intersections, positing that architecture never exists in isolation – either as a design or academic discipline. The unit is predicated on the idea that opening architecture to possibilities and cross-disciplinary discussions is as important as the discussion of architecture within our broader culture.



Theories

Building on architectural history knowledge acquired in Year 1, students are introduced to key architectural theories and invited to discuss interpretations of the questions that they pose. The unit aims to provide students with the knowledge to understand the importance of theoretical positioning in the field of architecture, and to equip them with the various tools to help them to define and clarify their own design thinking.



Architecture And...

This unit considers architecture as an expanded disciplinary field and reflects its theoretical multiplicity. Students are introduced to various theoretical ideas and cross-disciplinary topics through research-led talks that build on a range of expertise within the MSA. These talks are framed as 'Architecture and...' another topic; this year including: film, form, media, infrastructure, difference, art, the anthropocene, continuity, agency, the political, enjoyment, collaboration, and experimentation.

BA3

BA3 Humanities is concerned with mobilising knowledge, and poses the challenge of what we do with knowledge of architectural history and theory. In particular, how do we make this knowledge relevant to contemporary architectural practice? The unit develops knowledge and understanding of the historical, cultural and professional contexts for architectural design, and extends skills in research, analysis, academic writing and visual representation. Research-led teaching is central to BA3 Humanities. Students elect their choice of teaching unit, which is delivered through lectures, seminars, practical exercises and workshops. This year, the electives on offer were:

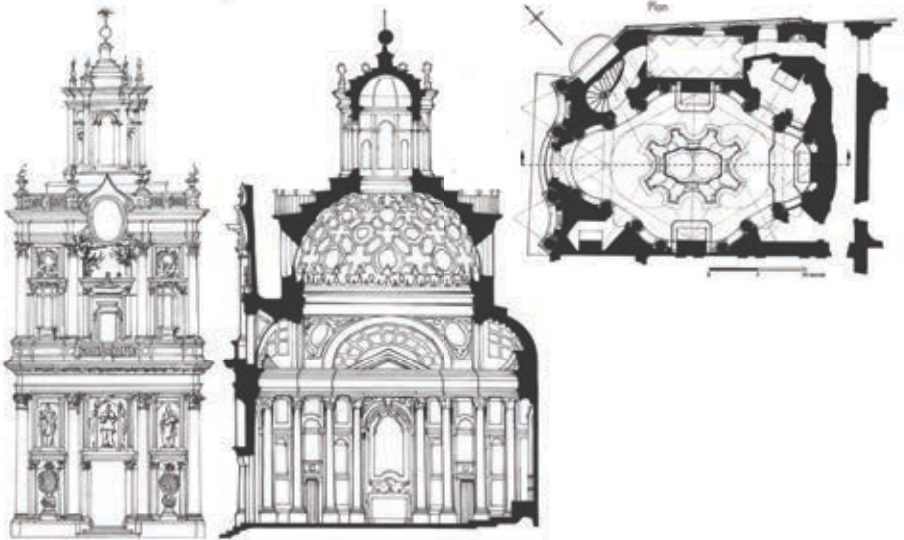
Architecture, Bodies, Theories
(Stephen Walker)

Architecture After Modernism
(Léa-Catherine Szacka)

Architecture on the Move: Global Mobility of Architecture in the 20th Century
(Łukasz Stanek)

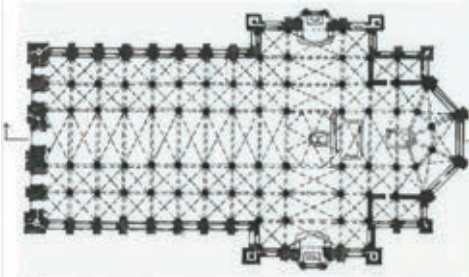
Architecture/Politics: Construction and Urban Activism
(Leandro Minuchin)

Graphic Anthropology (Ray Lucas)
Environmental Histories of Architecture
(Kim Förster)

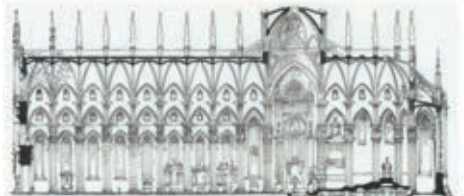


Chihao Tseng - Epochs

Gothic: The Milan Cathedral



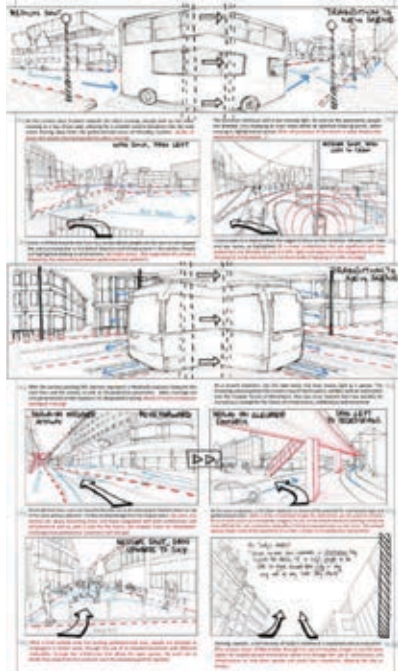
Elevation



Chi Cheng Vong - Epochs



Grace Conway - Urban Squatters



Drilon Mehmeti - Architecture And Infrastructure Storyboard

TECHNOLOGIES

Technologies Lead

Matt Ault

Staff

Matt Ault, Glenn Ombler, Siobhan Barry, John Lee, Ian McHugh, Dominic Sagar, Neil Allen, Dragana Opacic-Wilkinson, Stephen Connah, Jennah Kinsey, Ashley Hunt, Sarah Renshaw, Stephen Wall, John Wood

GTAs

Yu Zheng Tan, Florence Bell, David Wilkinson
Patricia Belcin

Guests

John Barret (5Plus), Allan Haines (EDICCT), Kevin Flanagan (PLP Architects), Jeremy Kim (Foster + Partners), Tim Gibbons (Fieldwork Architects), Mary Arnold-Forster (MA-F Architects)

The Technologies unit is undertaken as a 30 credit unit with a common structure in each year. Generic learning in the Technologies unit via lectures, case studies and design projects is usefully aligned and complementary to specific propositional applications in design projects in Studio contexts.

Technologies acts to create an independent academic discourse of architectural technology. This is structured to enable students to contextualise, inform, inspire and justify their design propositions on the basis of their experience and expertise of the

architectural discipline and its correlates. This discourse sequentially builds a catalogue of concepts, experiences, analyses, applications and experiments focused on answering the question: How do I do this?

The Technologies unit provides students with skills to critically dissect and deconstruct the structural, material and environmental performance of architectural precedents in an operative manner, seeing the built history of architecture as a 'realisation library' to draw from. Assignments develop the material realisation skills and understanding of students through increasing levels of sophistication and authorship in their design projects.

In year one, existing applications and techniques are examined through a series of lectures and analytical exercises which support subsequent holistic analyses of small scale (but often structurally or environmentally complex) case studies. Design projects explore digital modelling and fabrication through iterative qualitative testing.

Year two builds on first year, exploring certain issues in more detail, e.g. introducing industry leading environmental analysis software as a learning tool for analyzing case studies and its application to qualitative iterative testing in design projects.

Year three develops a discourse of contemporary technological design techniques, introducing students to rigour in building academic arguments for the development and resolution of their own technological design propositions in Studio

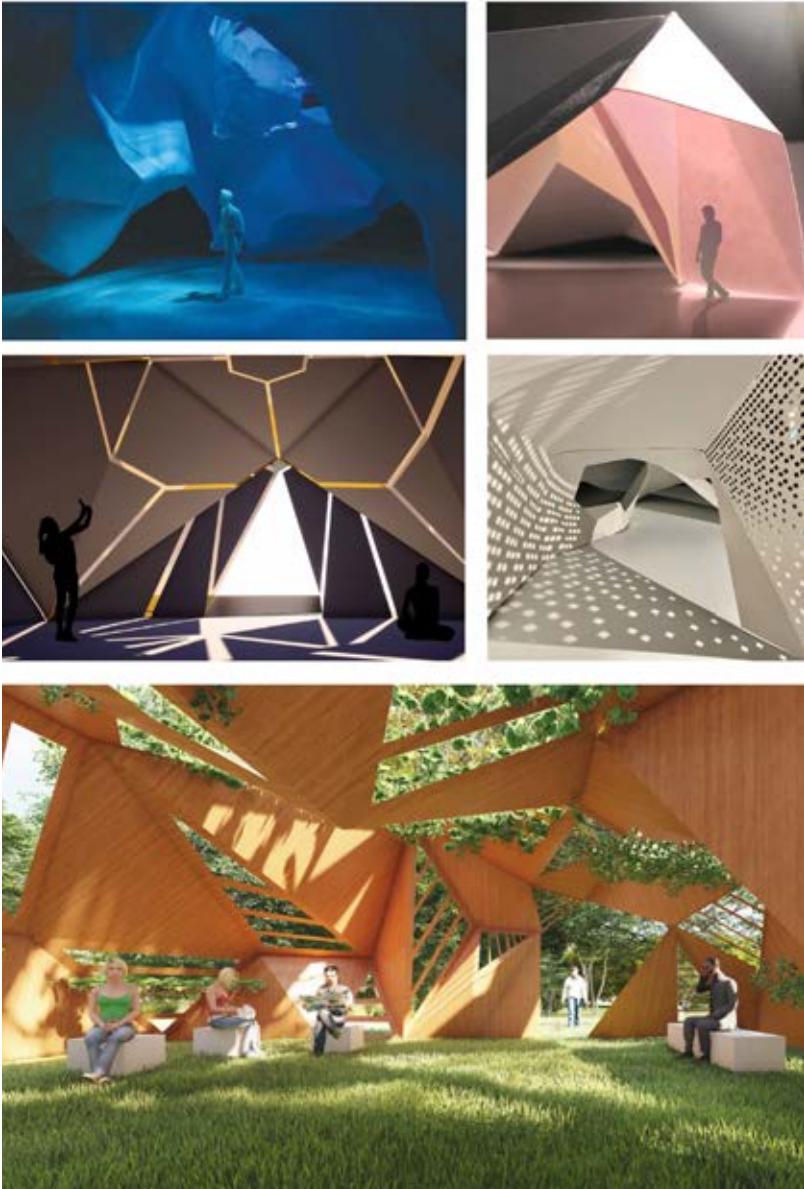
units. The initial building case study analysis frames the level of technological resolution sought for final year Technologies design projects.

Across the three years, the Technologies Design Project is systematic using a framework of appraisals, analyses and iterative design testing to guide students in identifying key performance parameters for their projects and linking them to the opportunities they offer for creative, integrated, architectural design. Technologies design projects are intentionally distinct from others undertaken on the course, with different starting points, methods and outputs, enriching students' portfolios and preparing them for scenarios in professional architectural design practice.

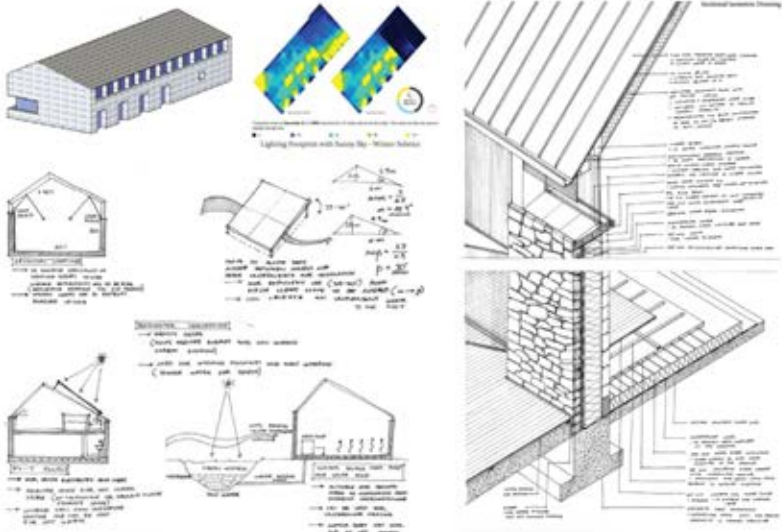
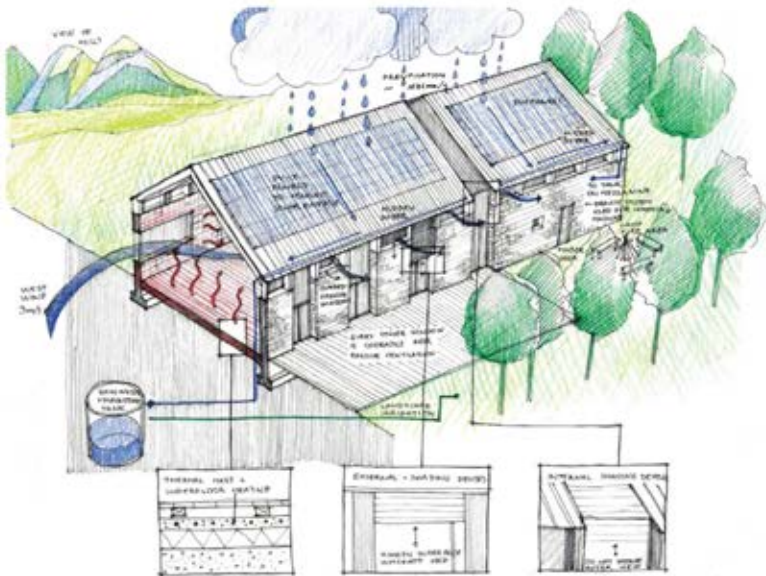




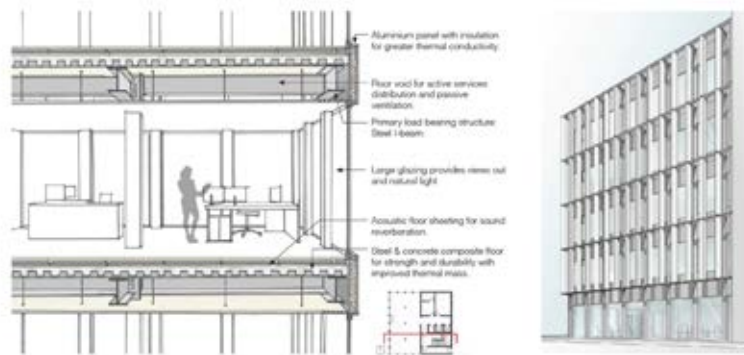
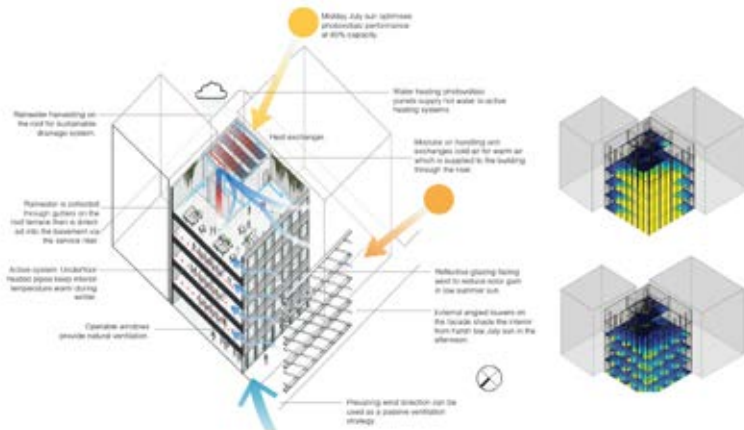
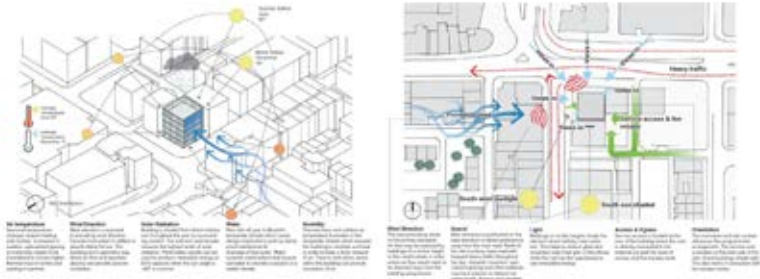
Ioanna Lamprou. Technologies 1 Design Project - experimentation in digital and physical modelling for spatial and environmental effect - festival pavilion, Manchester



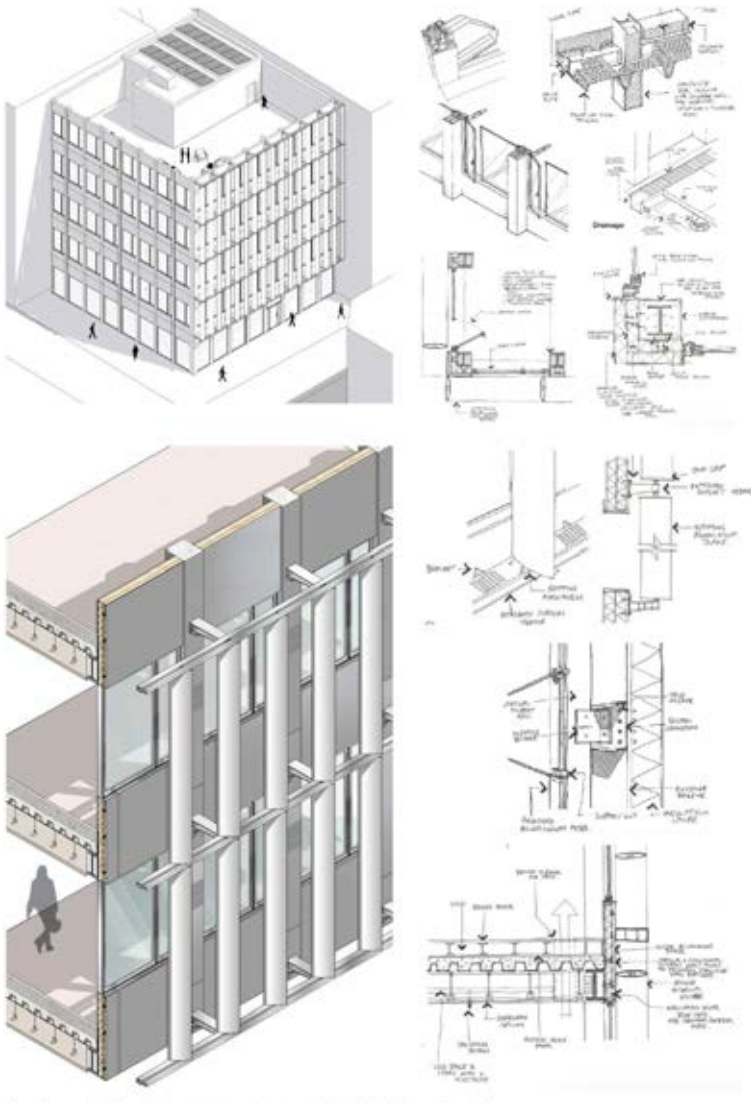
Maria Sangeorzan, Fraser Matthews, Thomas Massey, Sara Miruna, David Suhr. Technologies 1 Design Project - experimentation in digital and physical modelling for spatial and environmental effect



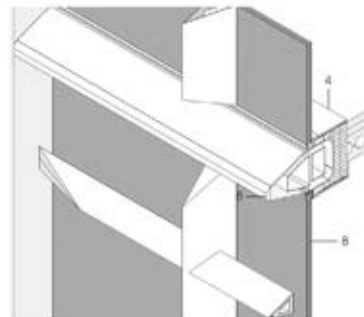
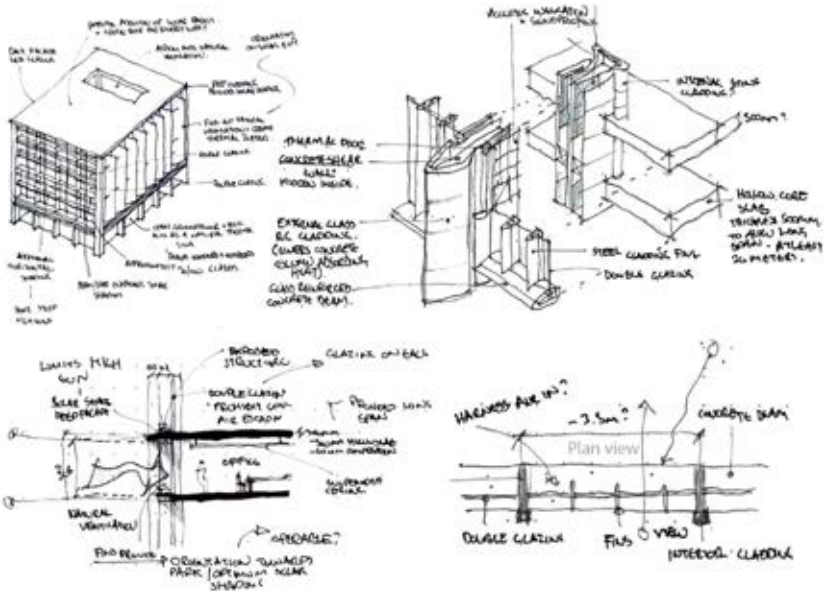
Mylan Thuroczy. Technologies 2 Design Project - Single Volume Space, rural Scotland. Environmental and construction concept development through hand sketching and digital analysis.



Lee Bowen. Technologies 3 Design Project - Office Building, Munich. Studies in context, climate and environment through drawing and digital environmental simulation



Lee Bowen. Technologies 3 Design Project - Office Building, Munich. Detailed studies in envelope design through hand sketching and digital modelling



Raussell Vince Mendigo. Technologies 3 Design Project - Office Building, Bangalore. Sketch studies and detailed modelling in envelope design. Sketch studies and detailed modelling in envelope design



Double Glazing
 01 The top panel is supported by an internal suction
 02 Reduces the amount of heat transfer from inside
 03 Double glazed windows provide better noise reduction and reduce energy bills

Timber Subcill
 01 Timber frame for the double glazing to sit into
 02 The 45° built angle acts as allowing water to run off the surface and protect the window from being damaged
 03 100mm timber as a structural base as required to provide a firming and cushion between that and the bottom rainscreen cladding



Timber Frame
 01 Douglas fir structural timber frame
 02 The timber frame supports the hanging points to be cast securely
 03 Intended to withstand a secondary structural frame as it has a high load bearing capacity and is more sustainable than alternatives such as steel

Breather Membrane
 01 Made from fabric
 02 The breather membrane protects the building from the incoming air of condensation, so fabric prevents the hanging points getting damp and losing it's thermal properties

Hempcrete Walls
 01 Cast-in-situ recycled plastic sheathes the hanging points between the timber frame
 02 Hempcrete is a solid but lightweight formulating concrete
 03 100mm hanging plate due to the high insulating thermal properties, its lower carbon footprint, and its local availability to the site location



Timber Rainscreen Cladding
 01 Vertical Timber Rainscreen Cladding (approx 100mm thick)
 02 The rainscreen cladding protects the hanging points and internal systems from water damage
 03 100mm timber due to its warm qualities and natural aesthetic / structural appearance



Window Board Seat
 01 Cedar Window board
 02 The board sits below the window frame and allows for moisture to fall and collect it
 03 100mm to accommodate a window seal into the profile design so as to encourage self-healing and not into the frame

Tanalised Vertical & Horizontal counter battens
 01 A vertical cavity is created through the attachment of the horizontal battens to the vertical ones
 02 This allows for the drainage of any moisture that penetrates the cladding to run down through the gap
 03 Intense timber due to its warm qualities and natural aesthetic and reliability in protecting the internal hempcrete

Bio-Lime Scratch Finish
 01 Lime Based 2 coat plastering for hempcrete
 02 Acts in protecting and providing the hempcrete
 03 It indicates including an aggregate and



MASTER OF ARCHITECTURE





MASTER OF ARCHITECTURE

This year we reflect upon the progress of the last academic year in extraordinary circumstances. The global pandemic and the resultant lockdown have radically altered the manner in which we interact with each other, and thus transformed the way in which architecture is taught, discussed and disseminated. The unthinkable and the inevitable have happened, but the MArch programme has risen to the challenge; digital face-to-face tutorials, collective seminars, group discussions, visiting critics and guest lecturers, combined with interactive forums, social events, reading groups, online building visits, virtual tea parties and of course – the obligatory lockdown quiz. Thus, the programme has progressed almost as normal – and already, to hold a group discussion with people from five different time zones has begun to be standard behaviour.

The Master of Architecture programme has always been a laboratory for experimentation; indeed, it is the responsibility of all students of architecture to question the validity of the built environment that surrounds them. Students must be enquiring, activist and vigilant. They should expect higher education to provide them with the means to think seriously about the world, to question the manner in which it is occupied, to look beyond the current situation, to understand why and how that has arisen and to imagine alternative futures. All built environments are products of the culture that created that environment, and it is the role of the student to interrogate this, to examine and analyse the existing conditions, to upset the status quo, and propose a different solution. The next generation of architects need to be able to think laterally, to react quickly to the changing situation and at the beginning of the

third decade of the twenty-first century have the confidence to think beyond the expected and into a radically new future. Difficult, incomplete and contradictory problems are addressed within the MArch programme, these wicked problems include climate change and environmental degradation, social responsibility and changing priorities within domestic organisation, heritage and the future of the already built, new materials and new methods of construction, and health and mental wellbeing. The vast collection of research-informed projects are testament to the commitment of the staff and the students, to the search for radical solutions to an ever changing world, and also to the pursuit of beauty within architecture itself.

Sally Stone
Programme Leader



& ARCHITECTURE

Staff

Stefan White, Mark Hammond, Cagri Sanliturk
Emma Haward, Jamie Ashmore, Sam Holden

Guests

Jos Boys, Phillip Hall-Patch, Emily McKay,
Morag Rose, Jane Gant, Devon Poyser

MArch 1 Students

Abigail Colder, Amanda Jia Yun Chua, Anya
Hristova Tineva, Binyu Binev, Dalia Qistina Binti
Mohammad Nasaruddin, Harry Westwood,
Jemima Osborne, Jessica Amelia Ward, Kaja
Marta Sandura, Katayha Marie Gould, Khe Lyn
Lim, Kiran Milton, Lu Hui, Ma Chor Yu, Nestor
Jose Ruiz Medina, Patricia Belcin, Rachael
Aylward-Jones, Samuel Ejaye-Uzhioka Okoh,
Siti Nur Syahirah Binti Shukri, Supriya Maruti
Jagtap, Szymon Konrad Milczarek, Tang Qinyi,
Tianyi Wen, Wang Xinbo, Yoon Chan Nam

MArch 2 Students

Adam Kamal Najja, Anahita Mohammadkhani
Bubusara Abekova (Sara), Christopher Myk
Ethel Yin Yu Ng, Frixos Petrou, Hanna Maria
Zbikowska, Kelly Cheung Ka long, Khairul
Asyraf Bin Mohd Rodzi, Mike Pok Yin Chan,
Rachel English, Sarah Seok-Young Jin,
Serena Sanushka Dias, Shu Mei Guan
Chloe Chan, Tobias Corry, Xin Yun Ang,
Candice Yuanmei Lin, Zi Quan Beah

& is a powerful little symbol - it opens out into the next step, argues for inclusion and demands to be followed. Rather than starting from within the discipline and moving outwards, & architecture emerges from what already is different (in the world). & architecture is brought into existence through the participation in and inhabitation of material space by the subjects of the city. This is a key way of discovering what the power and potential of architecture is to create (inclusive cities and societies). & architecture argues that difference is not error that designers should seek to minimize/eliminate in order to come to an optimal solution, but the central means of creative practice. & architecture seeks to embrace difference in order to be affective and affectable – to make a difference and move people emotionally, whilst being open to change ourselves. Without engaging with difference our thinking and practices remain unchallenged, and our actions are unable to address the complex and fluid conditions we practice in. Without difference, we fall into habitual processes in which norms and orthodoxies are perpetuated.

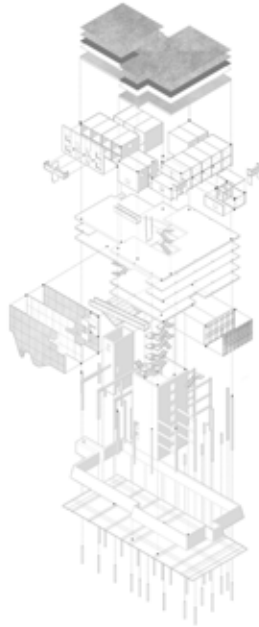
Professional Studies 1

Rather than a simulated form of practice, our interpretation of professional studies focused on using rigorous architectural approaches to justify deviation from habitual architectural behaviour. Developed and taught in collaboration with HTA Design, our professional studies unit undertakes a series of design-research investigations developed with partners across the city. In PS1, we worked with Southway Housing Trust to investigate the potential of retrofitting a 'Radburn' estate in south Manchester into an

older people's cohousing community. Each student was given a set of constraints to explore, creating a systematic feasibility study which was present to Southway Housing Trust. The proposals have significantly altered Southway's understanding about how they might respond to issues of ageing and the potential to diversify housing stock without significant demolition.

Professional Studies 2

Our PS2 brief was developed with Manchester City Council (MCC) and the Far East Consortium (FEC) –who are developing the 12,000 home 'Northern Gateway' regeneration programme in north Manchester. MCC and FEC wanted to understand how their development could be more equitable for existing residents and achieve the goals set out in the council's 'Age-Friendly' strategy. Informed by a parallel academic research project and their own engaged research activities, students produced a series of masterplans and building proposals which combined housing, commercial space and social infrastructure. Each group was challenged to use design as a form of creative negotiation, bringing together the seemingly contradictory requirements of 5 stakeholders through design. The proposal will be formally reported back to MCC, FEC and local stakeholders in Autumn 2020.



Exploded axonometric for a Centre of Local Dissent in North Manchester, Kiran Milton



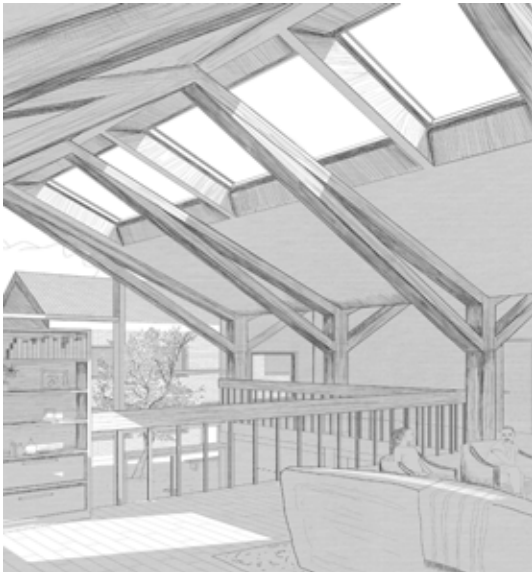
Kaja Sandura and Tianyi Wen - An disused railway in Collyhurst, converted to community-led business hub



Amanda Chua, Lim Khe Lyn, Dalia Nasaruddin, Syahirah Shukri, Yoon Nam - Entrance of a community library, developed as part of an intergenerational masterplan for Collyhurst



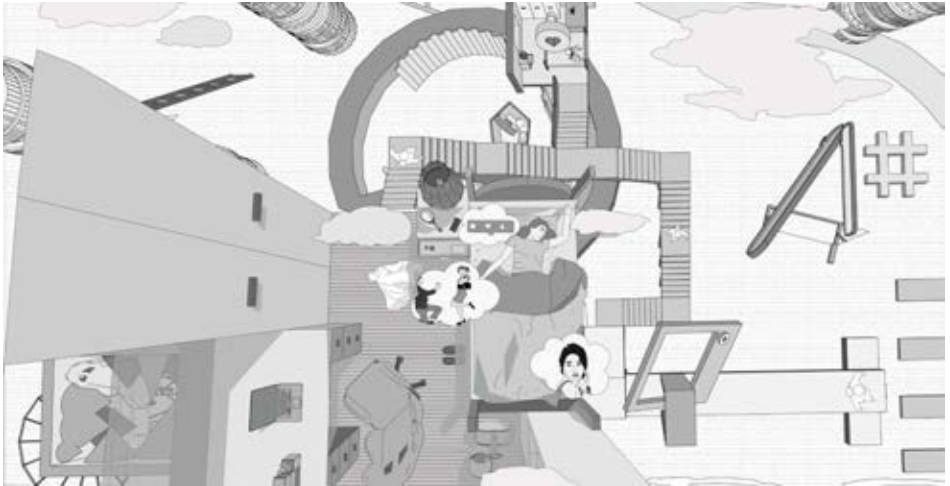
Rachael Aylward-Jones and Harry Westwood - Experiential journey through an 'age-friendly' co-living and skill share scheme



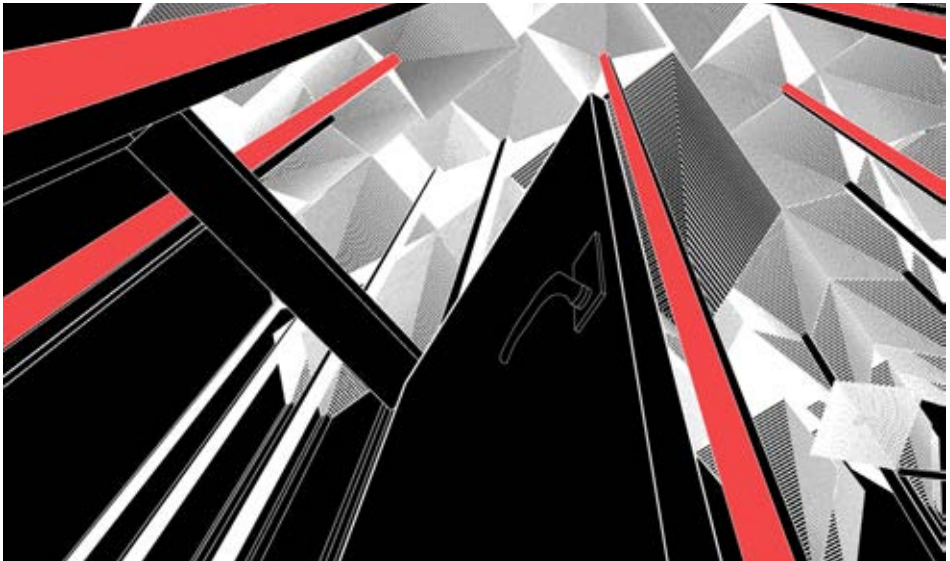
Abigail Colder and Jessica Ward - Interior of a cohousing community/ women's refuge in Withington, Manchester



Tobias Corry - To Act in the Arena of Masculinity – an extension of Boal's notions of Forum Theatre, allowing those outside of the profession to engage with architecture through interactive storytelling



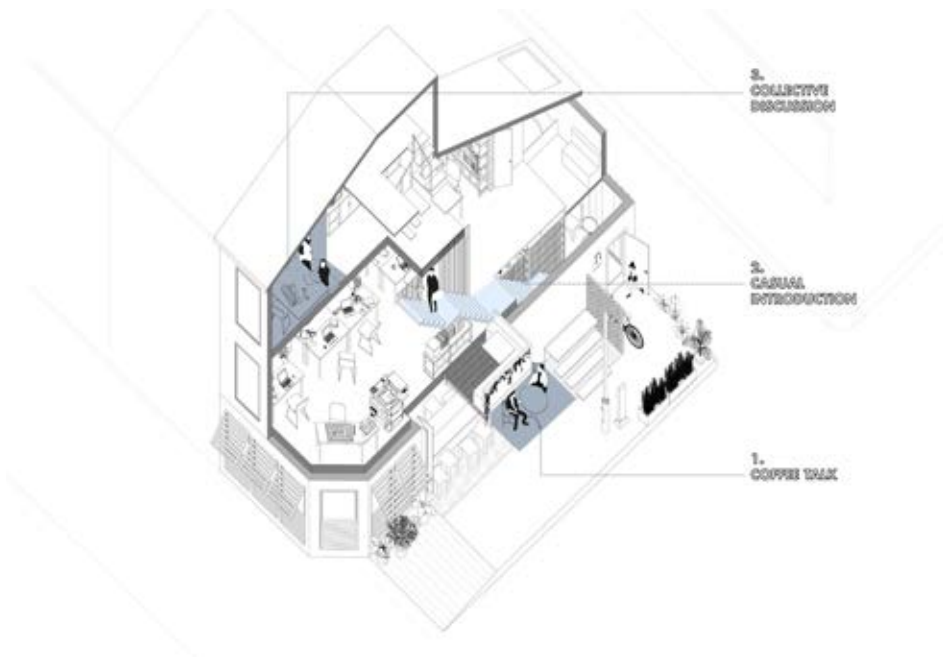
Seok Jin - Unpacking the lack of detachment of social media through personal, metaphysical space



Bubusara Abekova - Non-citizen of Places – a graphic novel about identity and the journey through asylum system



Serena Dias - The first scene of The Memory Bank, an immersive and interactive video blurring the lines between the fiction and reality of 11 refugees memories



Estelle Xin Yun Ang - A studio for a collective for introvert architects, showing protocol for a client meeting



Yuanmei Lin - Collection of spaces created for my funeral, to create a light and fun experience of remembrance and mourning



Chloe Chan - The urban spectacle that sits on St. Albert's Square following 7 days of architectural protest



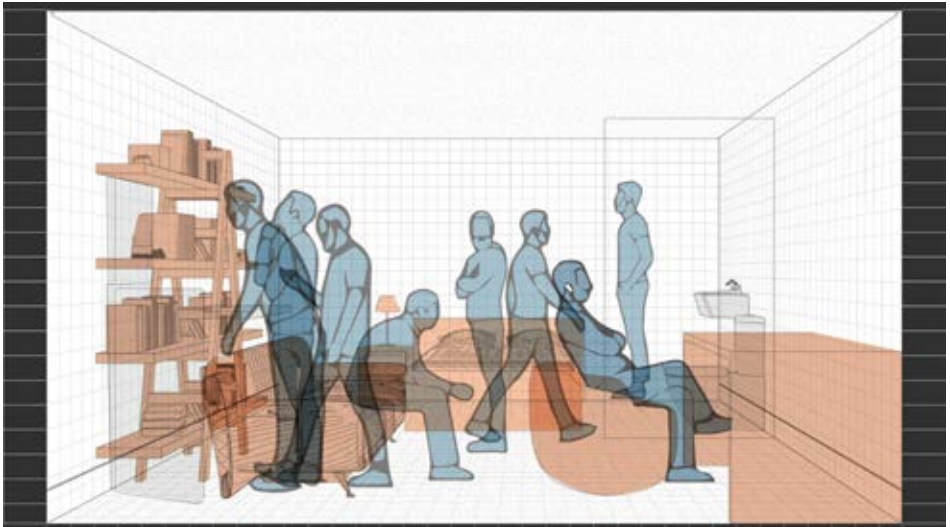
Adam Najia - A potential future for Blackburn high street through the lens of an augmented reality wearable device



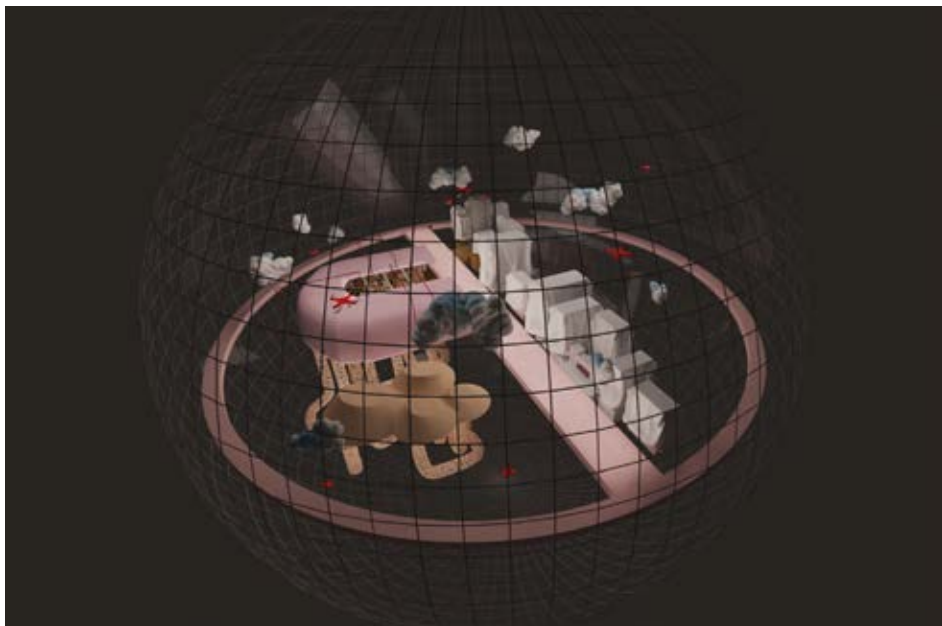
Zi Quan Beah - Four prototypes for creating multi-sensory architecture



Rachel English - A space for public political liberation within the heart of Manchester's civic quarter



Christopher Myk - The durational space plays host to the amalgamation of activities



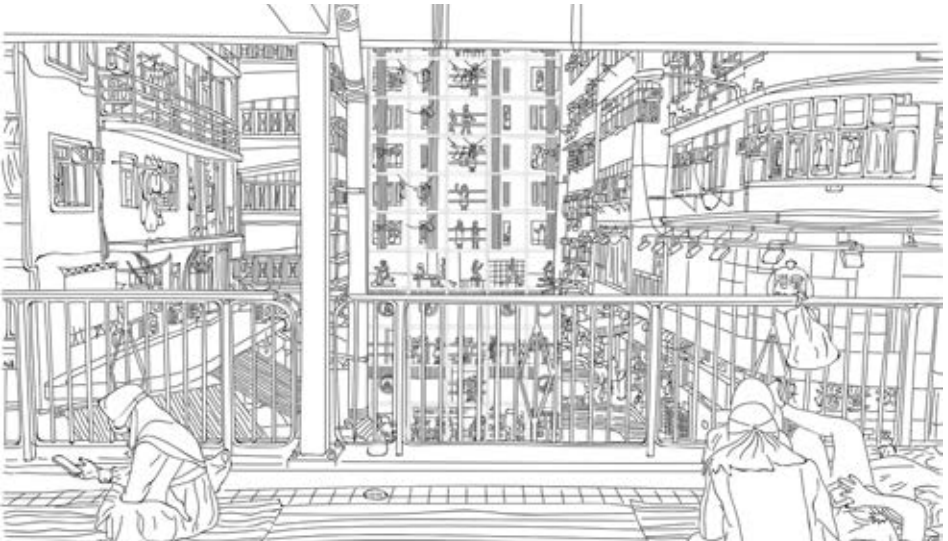
Anahita Mohammadkhani - A harmonious performance of space and psyche, materialised as a metaphysical stage composition in oppression and resistance to patriarchal structures



Hanna Zbikowska - The Polish Museum of Environmental Crisis located on the Vistulea Boulevards



Frixos Petrou - The perimeter wall of the Psychogeographic Institute of Lefkosia



Kelly Cheung - The pedestrian footbridge in Hong Kong, where domestic workers socialise

ADVANCED PRACTICE

Staff

Matt Ault, Neil Allen, Amy Hanley
Kyle Reid, Stephen Wall, Patrick Drewello,
Matt Pilling

Guests

Mariana Albano, Phil Downs MBE, Calum Askins (WSP), Samuel Fleming (WSP), Ricardo Candel (AKT II), Florence Collier (HB), Mario Dreosi, (BDP), Valerio Stuart (WSP), Jeremy Kim, (Foster + Partners), Ricardo Candel (AKT II), Dr. Gregory Lane-Serff, students of the University of Manchester School of Engineering.

MArch 1 Students

Solomon Adebiji, Natasha Blows, Emily Cheung, Natalie Man Sum Chan, Yan Chen, Liam Kristian Costain, Matthew Crossley, Laurence Culliford, Patrick Charles Davies, David Faminu, Isabella Kate Kendrick-Jones, Aslan Gabriel Lewis, Cheuk Ki Ma, Alin Pal, Shuo Pan, Yashovardhan Sharma, Alex Ching-Nam Tam Vickie Tang, Yuehao Wang, Tsz Ching Wong, Thomas Hayden John Wilkinson, Ovidija Zemaityte

MArch 2 Students

Jia Jun Chu, Dash Bernhard, Ngan Jonathan Chun, Jin Tay Hau, Will Horn, Tamara Keoshgerian, Derek Ng, Ashif Shafi, Saad Sharifeh, Anca Trimbaciu, Jingyi Ye, Ginfung Yong, Tan Yu Zheng

The atelier is conceived as a think tank and test bed - a platform for research and experimentation in architectural design and is concerned with holistic understandings of design and sustainability. Within the evolving context of advanced architectural practice our interest lies in the interaction between technology and people, in the design and delivery of environments that support the needs and activities of contemporary and future society, in a creative, positive and equitable way. We engage and collaborate with specialist consultants and local community groups in response to live briefs as well as international competitions. All projects explore contemporary and novel design methods and material performances in tectonic and spatial propositions. Testing occurs in application to a specific programmatic brief and this year's themes in the atelier were expansive and intensive.

PS1 projects addressed issues of surface and accessibility in Didsbury with the Civic Society. PS2 projects explored timber high-rise designs for sustainability (operative and embodied) in social and affordable housing in city-centre Manchester. Studio thesis projects begin with digital and material experimentation in the design response to a pavilion competition brief in Milan. Thesis projects then developed ideas, applying techniques and understandings of material performance to the high-rise design context. Projects range from detailed structural simulations and physical material studies, to computational simulations for master planning projects in Africa.

Professional Studies 1

In PS1, we consider adaptive re-use in an 'extensive' context or condition.

The Advanced Practice atelier has been invited to join the 'Future Didsbury Project', a live project founded by Phil Downs MBE and the Didsbury Civic Society, who seek a more accessible place to live, work and socialise. Together with members of the community, they aim to tackle the debilitating effects of the poor condition of the existing built environment. Our goal will be to propose a range of detailed design strategies for Didsbury Village that visualise innovative ideas that examines and rethinks what is considered 'an accessible high street'. The project aims to map out and test imaginative but credible architectural design proposals for a 'Future Didsbury'. A key design objective will be to improve access and ease of movement for all pedestrians and vehicles that visit the village. The main outputs will be a strategic plan for the high street and a detailed design proposal for the adaptation of one typical existing retail building. Design proposals will be exhibited publicly at Manchester Central Library and shared with key stakeholders- members of the community, councilors, residents, businesses and schools. The projects will be an essential part of the on-going Future Didsbury Project. The exhibition will inspire and build momentum for a future Didsbury involving the participation of the whole community.

Professional Studies 2

In PS2 we consider an 'intensive' high-rise typology in a city-centre context to explore residential programme.

The design research question and project aim is to explore and demonstrate the viability of timber construction as a structural solution for high-rise buildings. This will be explored and tested in the programmatic context of sustainable, affordable and/ or social housing. The project objectives will be to produce a building design that addresses and engages with current themes in relation to sustainability and demonstrates viability and limits of timber high-rise construction, including embodied carbon, energy performance in use and modern methods of construction (timber). Benchmarking against 'exemplar' designs will allow propositions in PS2 to be tested and evaluated. This includes built precedent and/ or measurement against published assessments and frameworks such as BREEAM, LEED, Passiv Haus and EU Levels etc. This includes critique and reflection of these metrics and standards. Digital modelling and environmental analyses will further allow exploration and refinement of design propositions. Prototype, Test, Conclude - portfolios will be structured to establish the key parameters and reference points for the project and develop a generic prototype design concept. This will then be tested in application to a specific site context and, finally, developed into a final design proposition to conclude the findings of the design research project.



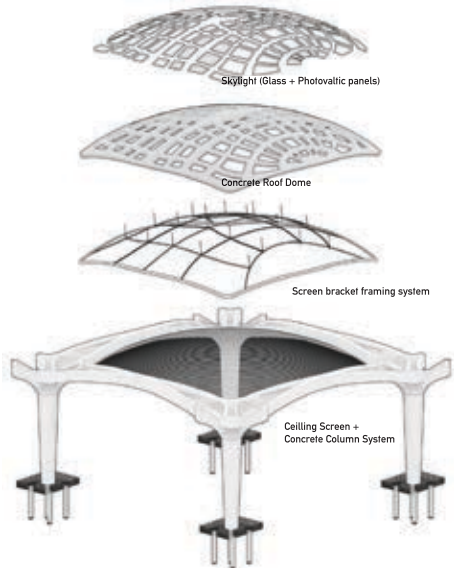
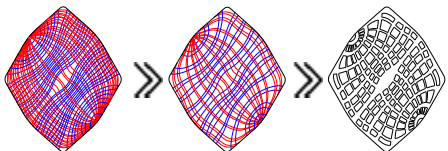
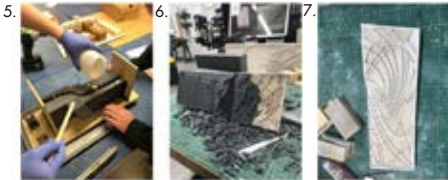
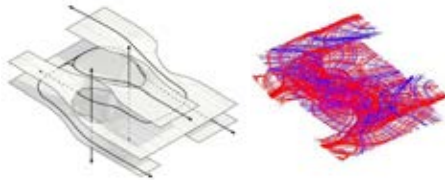
Will Horn - A networked system of microscale urban interventions to effect slum improvement in Kibera, Nairobi. A series of seven communication masts and community centres, improve access to digital services, sanitation and community amenity, sensitive to local contexts and identity



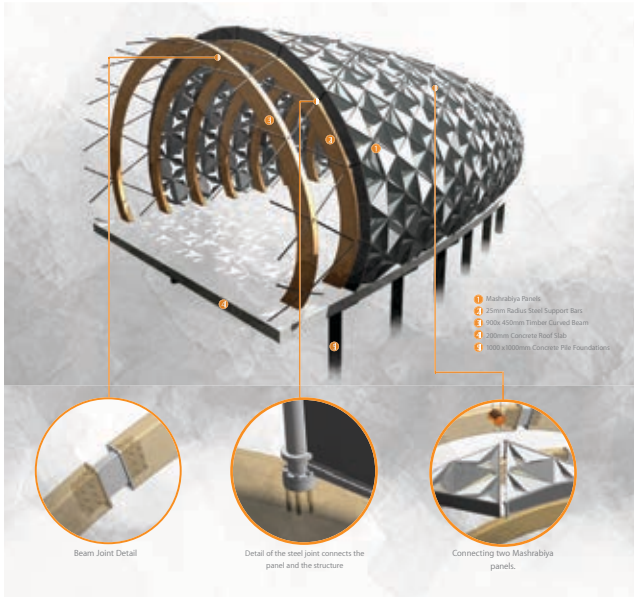
Will Horn - A networked system of microscale urban interventions to effect slum improvement in Kibera, Nairobi. A series of seven communication masts and community centres, improve access to digital services, sanitation and community amenity, sensitive to local contexts and identity



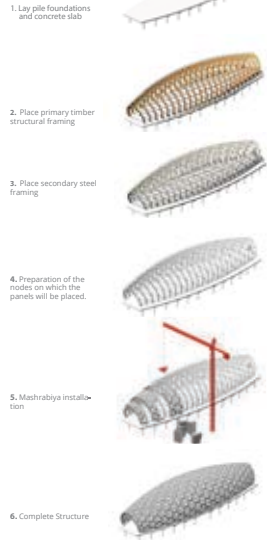
Saad Sharifeh - Environmental modulation - facade development studies.



Yu Zheng Tan - Digital structural optimisation and material casting studies with CNC milled mouldings



Installation Process



Saad Sharifeh - Construction and assembly study



Yu Zheng Tan - Concept render for minimal surface pavilion/ canopy for transport interchange



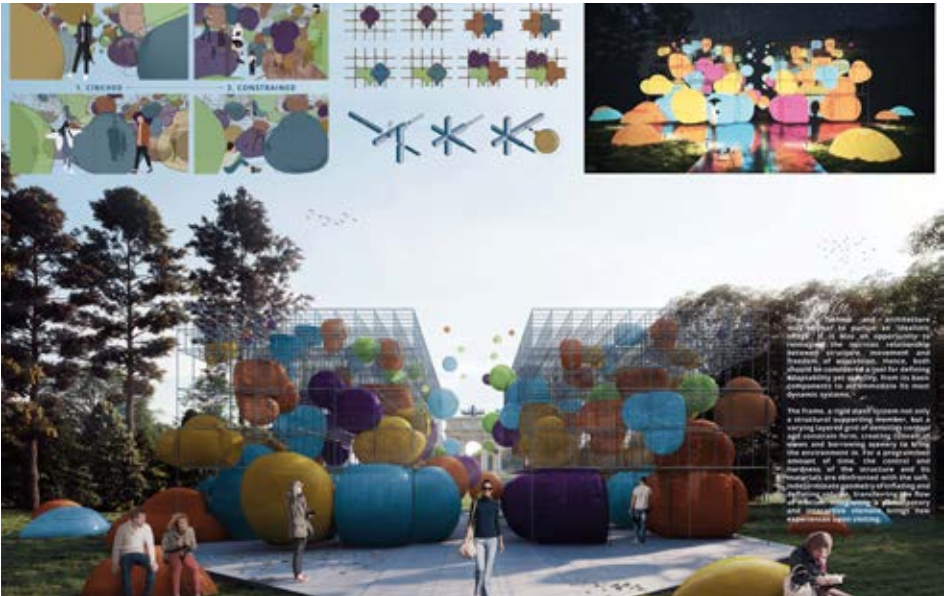
Yu Zheng Tan - Minimal surface studies - 3D printed stress line models



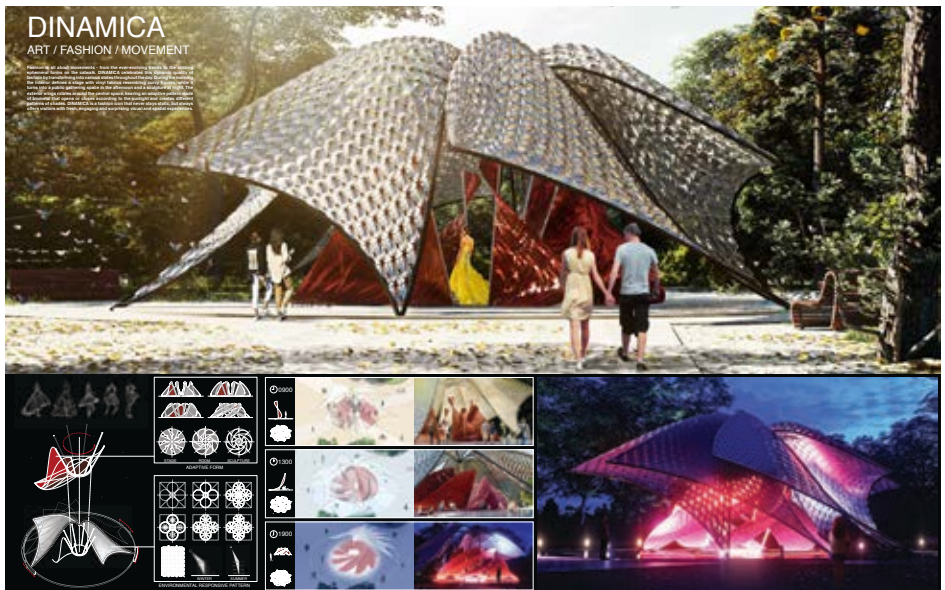
Jia Jun Chu - High-rise tower entrance lobby framed by dendriform timber structure



Jia Jun Ch - Structural material studies in bending timber.



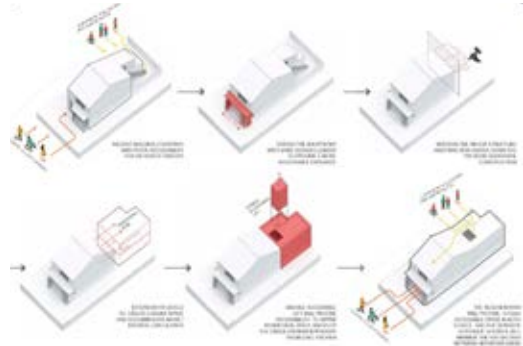
Will Horn & Tamara Keoshgerian - Milan Fashion Pavilion Competition Entry (shortlisted honourable mention)



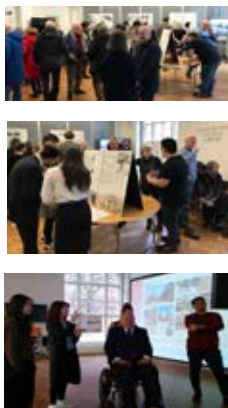
Saad Sharifeh & Ngan Jonathan Chun - Milan Fashion Pavilion Competition Entry



Patrick Davies, Aslan Lewis, Liam Costain, Minnie Wong and Yan Chen - Masterplan proposals



Yan Chen - Appraisals of accessibility of existing public realm and building stock and concept proposals



Community engagement in Didsbury: PS1 projects publicly exhibited at Manchester Central Library, St Emanuel's Church, Didsbury and Parsonage Gardens Gallery, Manchester.

A PROTOTYPE FOR THE URBAN WOODLAND

PROJECT BRIEF

EXPLORE / DEMONSTRATE THE VIABILITY OF TIMBER CONSTRUCTION AS A STRUCTURAL SOLUTION FOR HIGH-RISE BUILDINGS.

A GREEN SOLUTION

SOLUTION REQUIREMENTS

- VEGETATION FOR ECOLOGICAL EMBODIMENT
 - RESPONDING ENVELOPE
 - A SOCIAL SOCIAL HOUSING FORM
 - SIMPLE, FEASIBLE CONSTRUCTION
- These 4 features are key to the project and will be featured throughout the portfolio, at the bottom right of each page.



A1.01 - KEY FEATURES OF THE GREEN CITY

Through ongoing development, cities are becoming more dense, lacking in vegetation and open green spaces. Coupled with rising temperatures, cities can also be harmful to residents. By combining green spaces with city living, environments can be designed and social housing can be enjoyable, vital atmosphere.

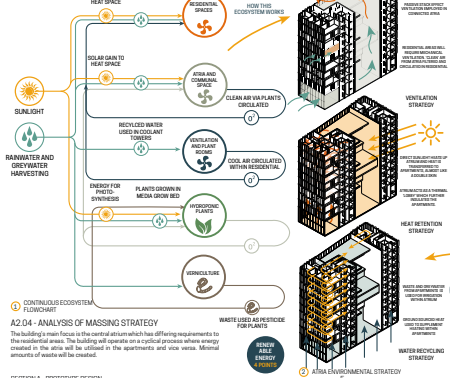


A1.02 - IS IT A BUILDING OR A FOREST?

Common criticism in the built world is the focus on not tackling a number of issues. Four key attributes have been highlighted to reduce CO₂, a responsive envelope, a social space and a simple construction that all achieved. The building will only provide shared spaces rather than balconies and private gardens to promote community living.

A2 - ENVIRONMENT

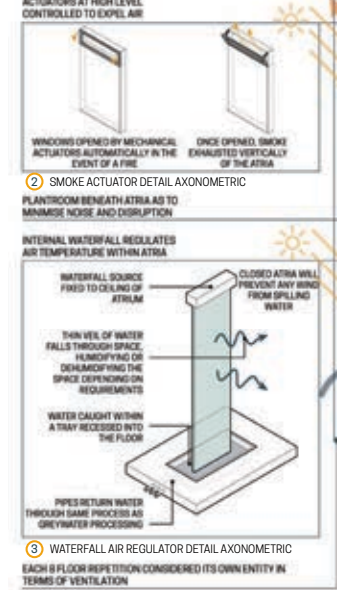
THE ECOSYSTEM, CONTINUAL CYCLES AND PASSIVE SYSTEMS



SECTION A - PROTOTYPE DESIGN

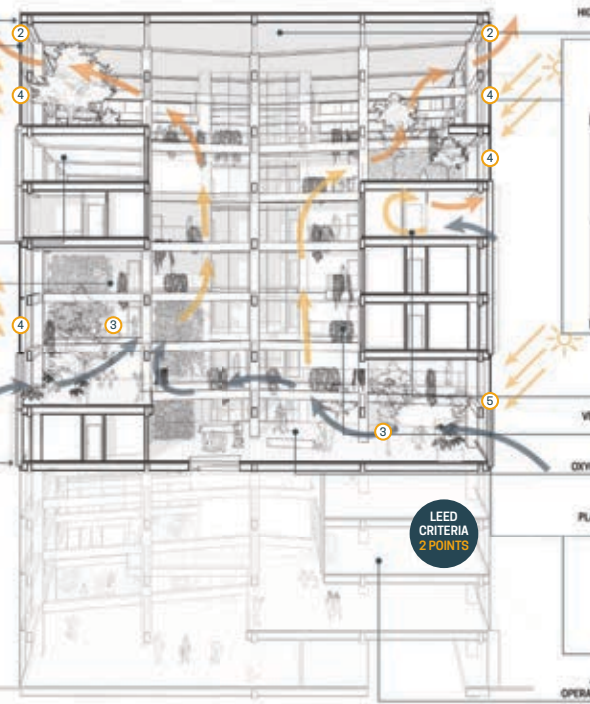
C2 - ENVIRONMENT

THE LUNGS OF THE BUILDING



C2.01 - A WELL VENTILATED ATRIA

The atria within the building require a specific ventilation and heating strategy due to their use and the amount of vegetation within them. Humidity is controlled using internal waterfall features, and ventilation is controlled using mechanical actuators for both daily use and emergency smoke ventilation.



LEED CRITERIA 2 POINTS

1 ATRIA SECTION (WITH 4 STOREY PODIUM FOR CONTEXT) - 1:200

SECTION C - THE FINAL PROPOSAL

COMPLEXITY PLANNING & URBANISM

Staff

Rob Hyde, Enrique Alonso, Solon Solomou,
Sam Bland, Filippos Filippidis

Guests

Ulysses Sengupta, Eric Cheung, Sigita Zigure,
Ivana Tosheva, Mahmud Tantoush, May
Bassanino, Giuseppe Miccoli, Karim Anwar,
Antonis Kountouriotis, Bryden Wood, Greg
Hardie, Arup, Joanna Parker, Jamie Jamieson,
Manchester Metropolitan University Estates
Team

MArch 1 Students

Reiji Nagaoka, Tere Sagay, Andreas Maragakis
Maryam Al-Irhayim, Seenam, Shitian Lin
Linyu Li, Henry Baker, Elise Colley, Abbie March
Wenjing Ma, Jinyu Liu, Tiantian Ge, Zakaria
Islam, Yuirui Chen, Josh Quinlan, Siyu Xie,
Menghan Chen, Jiao Xie, Junjie Su, Sunny
Jagtap, Michael Williams, Aifa Muthuraman
lathei Luke Chan, Aliaksei Tsikhanchuk
Jingrui Wang, Laura Lapadat, Iulia Lup
Crissti Dubinã

MArch 2 Students

Jack Seymour, Connor Forecast, Max Jizhe
Han, Nadeem Hanna, Celeste Abayomi
Deven Kara, Jessica Corns, Zohra Abbas
Raya Pavlova, Aaron Underhill, Adam Chown
Ben Sayers, Daniel Cruse, Maxine Yingying
Zhou, Carol Jingsi Sun, Michael O'Reilly
Ben Miller, Alex Kendall, Yaseen Bhatti
Shambhavi Joshi, Lour Roberta

Complexity, Planning and Urbanism, (CPU) develops new theoretical approaches and computational tools using a complexity science framework. These are intended to affect the design, management, governance and understanding of future cities related to climate change, citizen participation, development strategies, resilient interventions, policy making and urban morphology. Computational processes are used to augment conventional static design methods and theory by enabling a temporal and dynamic process. The MArch atelier is strongly linked to the CPU_Lab where research into frameworks enabling the development of new approaches takes place. Our research is transdisciplinary and currently spans Future Cities, Smart Cities, the internet of things, agile governance and cities as complex adaptive systems.

The brief for MArch 2 looked at harnessing the power of natural intelligence. Designers have always been inspired by the forms of nature, and their abilities to solve difficult problems in novel and beautiful ways. However, up to this point our inspiration from nature has been limited to 'bio-mimicry', or the reproduction of nature's physical forms in new designs. The students took a step further by understanding how nature designs by incorporating evolutionary design methods and encoding all the unique properties and abilities of its individual members. Using iterative design processes the students instead of designing objects, designed systems to explore the full range of possible outcomes of a particular design problem and learned methods for measuring and quantifying the performance of

these systems for evaluation by the computer and designer. This exploration was carried out at occupancy, building and urban scales by exploring spatial and physical aspects of the site as well as sustainable development perspectives by measurable goals such as walkability, participatory design, resilience and well-being.

Professional Studies 1

The brief in project one explored Design for Mass Assembly (DfMA) using Building Information Modelling (BIM) in order to understand how digital design could complement off-site manufacturing and modular construction in high density housing. Around the world different industries, as diverse as automotive, aerospace, manufacturing and more, are innovating to improve their productivity. Through the application of new technology and automation, productivity in these industries is on the rise. Architecture and construction companies have started to apply new design and productive technologies such as BIM and DfMA to their projects to realise significant productivity improvement as compared to the traditional methods that rely heavily on unskilled workforce and craft based methods. Our aim is to better understand the potential of these innovative technologies and assess the impact they can have in architecture and the built environment. Our students were asked to develop a Digital Delivery Strategy, using BIM, that specified the level of resolution and the types of data that needed to be built into the model at each stage. This resulted in a customisable parametric model for more effective and efficient facility operation and management.

Professional Studies 2

The brief in project two explored the limitations of a re-use project on Manchester University campus, the Righton Building (1905) on Cavendish Street, a constrained (listed) site, in direct contrast with computational design methods. The students explored the idea of Adaptive Re-use as a special form of refurbishment that can be quite challenging for designers. The programme selected was a hybrid between design school and maker space to allow for integration within the existing university grounds for students to take advantage of. The aim of the project was to come up with an appropriate spatial strategy which firstly analysed the existing building and secondly conceive the potential for its future conversion and use. By combining old and new architecture the designer is expected to retain the authentic character of the existing building while providing a new use. The approach was expected to use creative ways to act as a new catalyst for an existing historic site while re-inventing an economic and social value.



Elise Colley



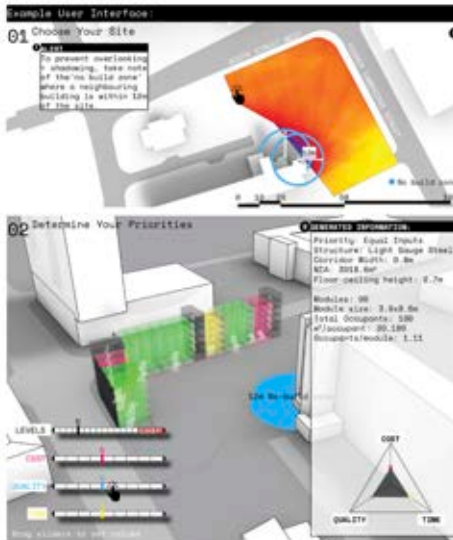
Chen Yirui



Wenjing



Siyu Xie



Maragakis Andreas



Abigali March



Linyu Li



Lulia Lup



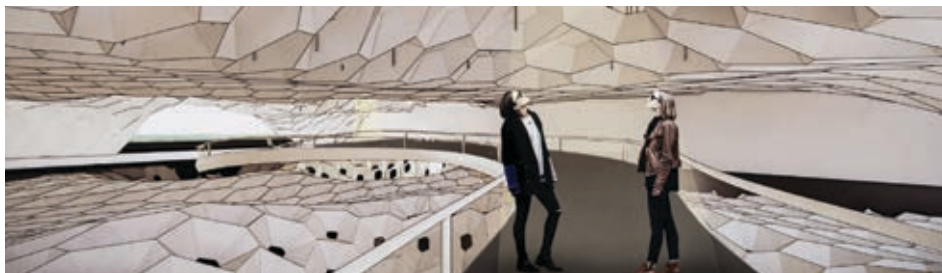
Menghan Chen



Junjie Su



Jingrui Wang



Chown Adam, Dan Cruse and Ben Sayers



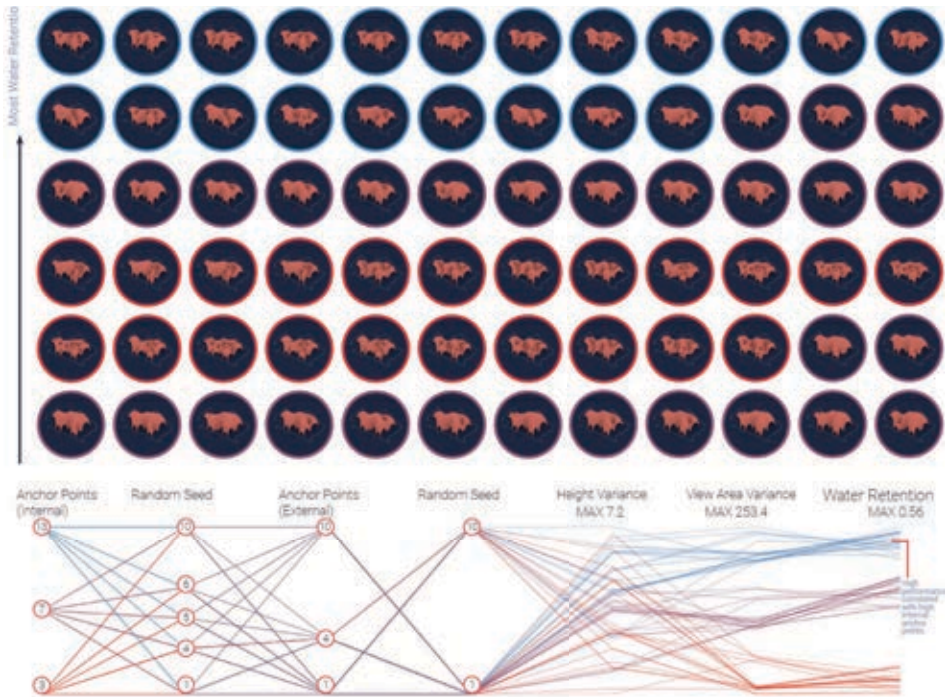
Michael O'Reilly, Carol Sun and Maxine Zhou



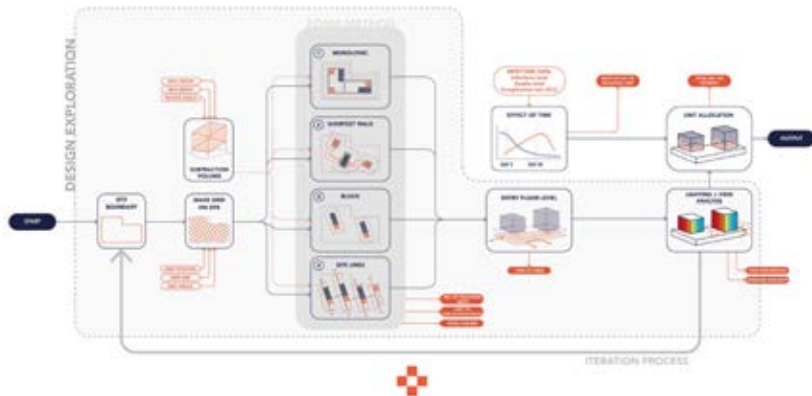
Connor Forecast, Jack Seymour and Max Jizhehan



Connor Forecast, Jack Seymour and Max Jizhehan



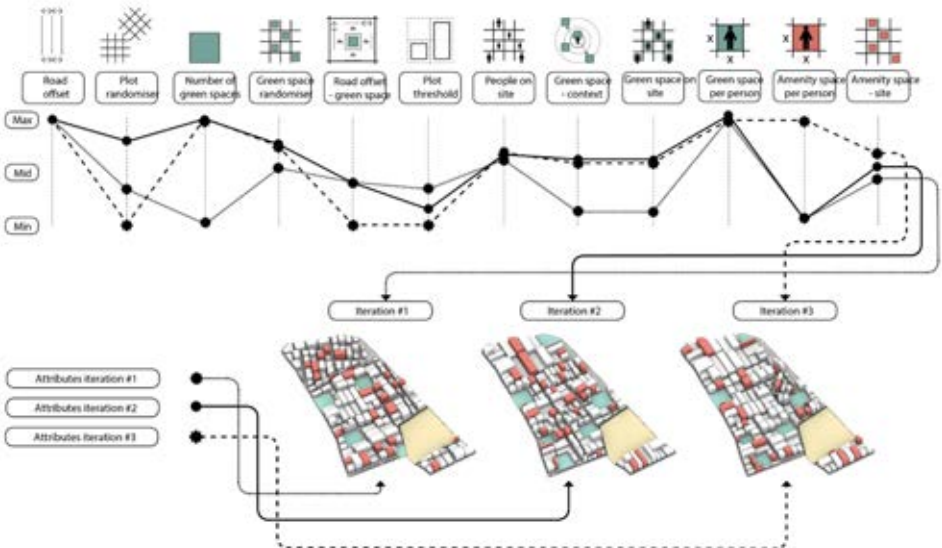
Alex Kendall and Ben Miller - Resilience Design



Connor Forecast, Jack Seymour and Max Jizhehan - AID: Architecture for Infectious diseases



Connor Forecast, Jack Seymour and Max Jizhehan - AID: Architecture for Infectious diseases



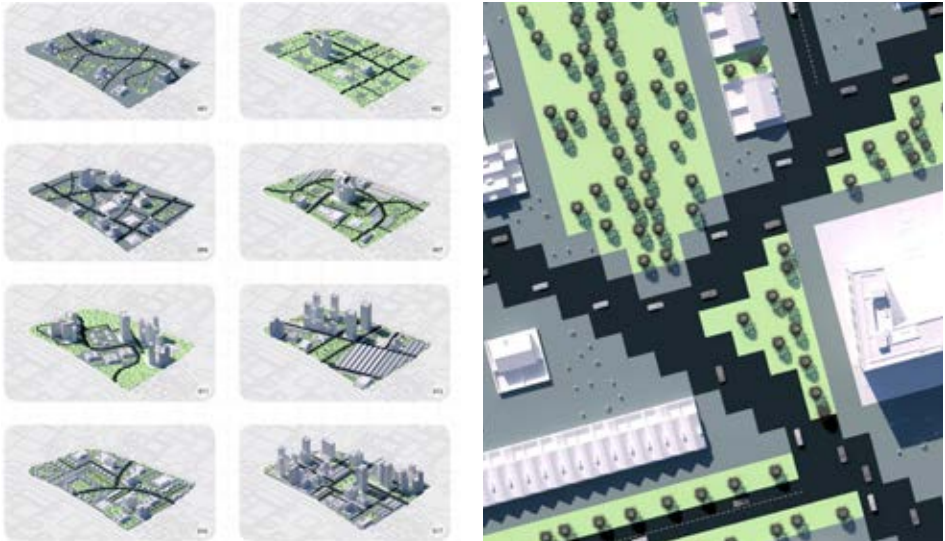
Raya Pavlova, Aaron Underhill and Shambhavi Joshi - Made in Hulme



Michael Oreilly, Carol Sun, Maxine Zhou and Yaseen Bhatti - The Forge



Zohra Abbas, Deven Kara and Jess Corns - The pursuit of happiness



Zohra Abbas, Deven Kara and Jess Corns - The pursuit of happiness



Adam Chown, Dan Cruse and Ben Sayers - Sound mind: the future campus



Chown Adam, Dan Cruse and Ben Sayers - Sound mind: the future campus



Alex Kendall and Ben Miller - Resilience Design

CONTINUITY IN ARCHITECTURE

Staff

Sally Stone, John Lee, Laura Sanderson, Dominic Roberts, Mike Daniels, Tim Groom, Alberto Velazquez, Adam Gray, Claudio Molina Camacho, Johnathan Djabarouti

Joshua Hunt, Sophia Major, Olivia Marshall, Carmen Maxim, Daria Pavlova, Mark Pearce, Jim Rapanut, Jun Shi, Smriti Solanki, Vasilka Stefanova, Joseph Stooke, Daniel Vella, Paul Wright, Lingling Xie

Guests

Gary Colleran, Kate Darby, Bie Plevoets, Cary Ash and Robert Sakula, Riccardo Marini, David Cox, Kathryn Valentine, Shrewsbury Town Council (Helen Ball, Gary Farmer, Amanda Spencer) Shropshire Council (Claire Evans, Hayley Owen, Tim Pritchard) and Shrewsbury BID (Seb Slater), Darwen Terracotta (Jon Wilson), Hargreaves Foundry (Andrew Knight), Jack Badger Joinery (Ben Naylor), Münster School of Architecture, Germany

Continuity in Architecture actively pursue a Future for the Already Built. This search for an alternative to the expected redevelopment of towns, cities, places, landscapes, buildings and interiors is grounded in the theories of Contextualism (Schumacher, 1971). As such, the atelier is committed to the synthesis of urban settings, the teaching of building design, the analysis of craft, and the search for detail and ornament.

MArch 1 Students

Jamie Boardman, Jack Carter, Lok Yiu Ashley Cheung, Niall Coleman, Heston Harris, Alexander Hughes, Wojciech Jankowski, Ifan Jones, Hamza Khan, Emma Lewis, Valentine Lezius De Seynes, Ajay Mahay, Adil Mulk, Benedetta Nigro, Andrius Ovsiukas, Yuet Wah Poon, Louise Roussie, Yeside Anuluwatobi Sobowale, Mona Tamaru, Jo Lynn Tan, Jumana Tarazi, Aysha Utsho, Daniel Warren, Hayden Webster and Lucy Hannah Woodward.

This year the MArch students worked closely with BA3 students in partnership with the Shrewsbury Big Town Plan. This collaboration directly linked to ongoing Continuity in Architecture research into the sympathetic development of Small Settlements - producing work that is bold, progressive and future-proof, yet entirely appropriate to place.

MArch 2 Students

Constantina Alambriti, Tara Aveyard, Abdullahi Banye, Lewis Barker, Siu Nicholas Cheng, Shadath Chowdhury, Justin Chung, David Cross, Erin Edmondson, Dimitra-Rafailia Evamoropoulou, Chris Foulkes, Laura Gonzalez Vega, Benjamin Harmer, Keqin He,

Students have produced work with appropriate responses to water and flooding, redundant structures, infill sites and additions to the distinctive skyline. A seminar series titled 'Remember, Reveal, Construct' explored texts and contextual precedents. Field trips to Edinburgh and Amsterdam stimulated responses to brick and waterside architecture. Factory visits led to ornamental revival.

MArch 2 students tackled the challenges of intractable sites across the historic core of Shrewsbury, including the historic Town Prison, the Library, the two large empty shopping

centres, and the site of an infamous gas explosion. These creative, innovative and progressive projects look towards an uncertain global future by extending what is valued from the collective past.

'Let this small monument record the name of Cadman, and to future time proclaim now by'n attempt to fly from this high spire across the Sabrina stream he did acquire his fatal end...'
The Memorial to Robert Cadman, C18th daredevil

Pushing the boundaries of technology has its dangers, as the spectacular demise of Shrewsbury's trumpeting hero of the zipwire testifies. Nevertheless, combining theories of Contextualism with apposite case studies, theoretical texts and craft factory visits, we work to expand knowledge through addressing the challenge of difficult sites and awkward buildings in a rapidly changing world.

Professional Studies 1

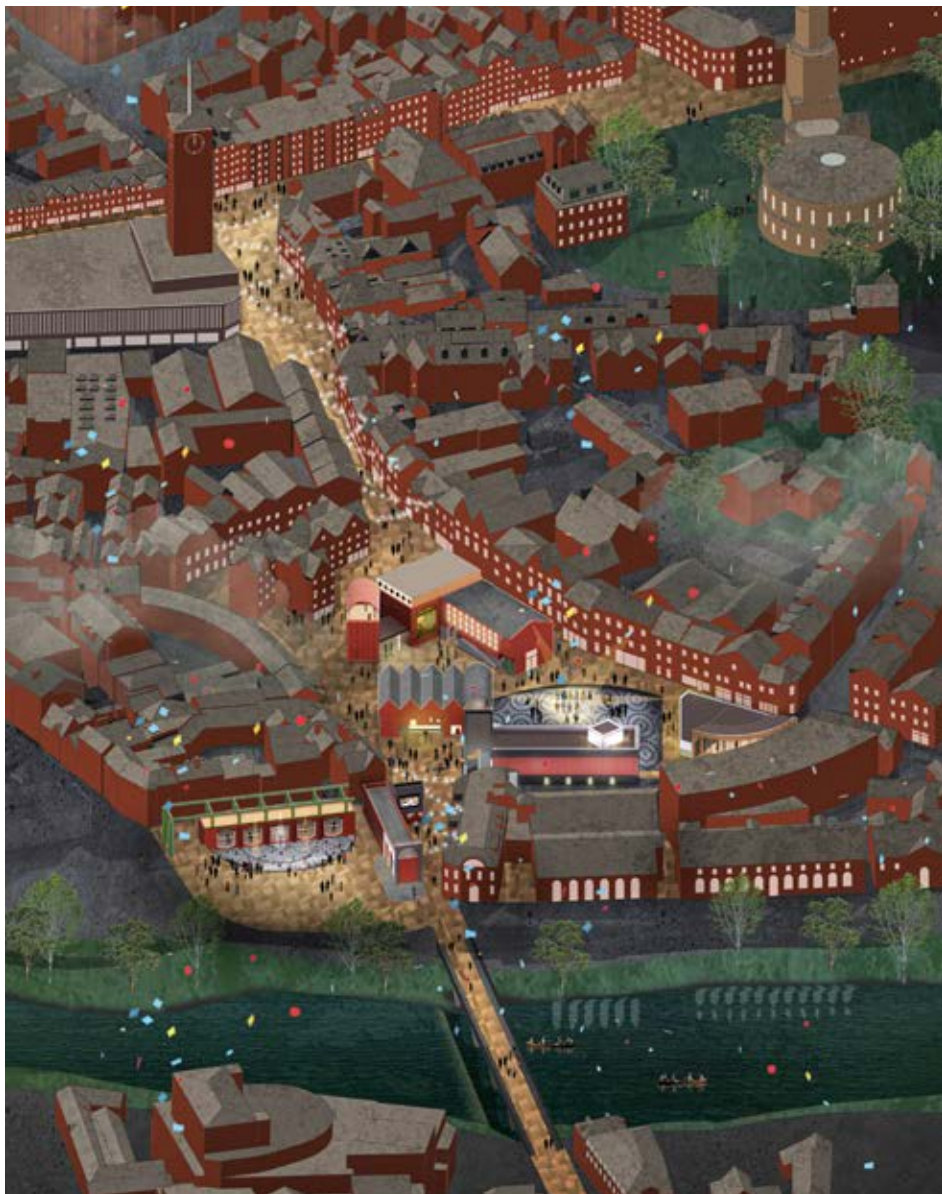
Following guidance from Shrewsbury Council, two housing sites either side of Wyle Cop in the west of Shrewsbury centre were studied by the PS1 teams, looking first at the neighbourhood planning scale, and then at the scale of the block and the home, all in the context of a flood-prone position. With a concern for the people of the town, affordable homes, elderly homes, family homes, co-living, multigenerational living and more were explored, combined with strategies for raising living spaces above the flood level, and creative solutions for managing flood capacity within the site.

Professional Studies 2

The former Shrewsbury School, now a public library, is a group of listed structures in the old heart of the town. Due to be relocated, the current library would soon render the complex vacant. For PS2, students studied the building in fine detail, assessing significance and shortcomings, as well as potential for new uses. The result were proposals for museums, galleries, breweries, hotels, gyms and new specialist study rooms, animated by dramatic tensions between new and old, continuity and disjunction, harmony and dissonance.

In the last twelve months, students from the atelier have won the highly prestigious Architect's Journal 'Post-Graduate Project of the Year' prize, were one of just ten architecture student projects in the international magazine: Wallpaper, and have been featured in the graduate issue of Blueprint.

Please follow our blog:
<https://ciawip.msa.ac.uk/group/shrewsbury>



Jun Shi - Shrewsbury Film Festival



Olivia Marshall - Route to the Principal Floor



Daniel Warren, Model Collage - Creating Communities



Chin Kiu Justin Chung - The Islanded: A Reimagined Factory



Mark Pearce - The Pivotal Space



Erin Edmondson and Jim Rapanut - City within a Room



Josh Hunt - West End Masterplan Axonometric



Shadath Chowdhury - A view of Shrewsbury during a One in Two Hundred Year Flood



Chris Foulkes - Section through the reimagined Charles Darwin Shopping Centre on a Perfect Day



Constantina Alambriti and Carmen Maxim - Therapeutic Garden View



Daniel Vella + Paul Wright - Aerial view, 3 squares, 3 elements



Daria Pavlova - View from The English Bridge, Archaeological Museum of Shropshire



Sophia Major - Site Plan of the Quarry



David Cross - View towards the Welsh Bridge



Laura Gonzalez Vega - Proposed Site Plan for the former Darwin Shopping Centre



Tara Aveyard - Urban Artefacts

INFRASTRUCTURE SPACE

Staff

Dr. Laura Coucill, Jack Penford Baker, Richard Morton, Lisa Kinch, Sam Higgins, Nicholas Nilsen, Jamie Wallace

Guests

Prof. Tom Jefferies (QUB), Shane Campbell (ICBAN), Prof. Greg Keeffe (QUB), Dr. Richard Brook, Dr Alix Vargas (Connected Places Catapult), Gemma Ball (Satellite Applications Catapult), David Livingston (Napier Meridian), Kevin Logan (Maccreeanor Lavington), Sunday Ekpo (5G technologies, MMU), Andreas Leonidou (Hawkins Brown), Justin Tan (PLP Architecture), Jack Moloney (Chapman Taylor), Graeme Moore (Consarc Design), Stephen Douglas (HallDouglasBlack)

MArch 1 Students

Tung Wong Hiu, Chiara Martinelli, Karl Leung, Ariel Helen Chesley, Brent William Haynes, Jad Choucair, Julia Arska, Joseph James Copley, Zohir Foukroun Lays, Thomas Owain, Andrea Gabriela Nobrega, Lok Kan Katie Au, Kelly-Louise Ward, Xincheng Yang, Leo Lima, Remi Phillips-Hood, Grace Jing Yuan Yu, Muhamad Adha Bin Salim, Silvio Lussana

MArch 2 Students

Thomas Brunyard, Ziwen Cai, Joseph Carter, Lauren Gabbitts, David Jones, James Kennedy, Sarah Kim, Joseph Maguire, Stephanie Phillips, Jorge Reynolds, Laurence Richards, Verity Roweth, Joseph Shepherd, George Sims, Isaac Timson

Infrastructure Space operates as a design and research atelier using data mapping and spatial analysis to develop design proposals that test possible spatial futures. We are particularly interested in the interface between technology and physical space, and how this has manifest in architectural and urban form. Our approach is cross thematic, spans a range of spatial scales, and embraces value and effectiveness in their manifold forms.

This year we have been evaluating the spatial implications of Brexit for the UK – Republic of Ireland border, specifically exploring ideas of digitally enabled space and seamlessness. The atelier comprises BA and MArch students and our pedagogy is grounded in multi-level, cross-disciplinary activity. The year began with a research-led, JMCE funded, workshop which brought together architects, technology consultants, community stakeholders, academics and students to trace the production and mobility of materials in a range of possible Brexit outcomes. This set the scene for linked studio briefs which have studied the relationship between manufacturing, logistics + distribution and customs + services. In October 2019, we travelled to Kyiv, Ukraine, to experience borders and explore architectural latency and obsolescence.

MArch 1 have considered customs and services through a housing project sited on the border in Belleek and reuse projects re-appropriating obsolete bank buildings in Belfast city centre. Recent events, including Brexit and the Covid-19 pandemic, have highlighted the fragility of current systems and infrastructure to deal with any kind of disruption, whether political, economic or environmental.

Professional Studies 1

Projects in PS1 specifically responded to the nature of transactions, how these might change in the context of Brexit and what implications they will have along the border while maintaining the principles of the Good Friday agreement, this included explorations of cross-border mobility and new kinds of spaces and how these might drive changes in residential accommodation.

Through an exploration of spatial logistics, distribution, networks and connectivity, MArch 2 have developed projects which foreground place and experience as central aspects of frictionless movement and the cultural changes it might generate.

Professional Studies 2

Extending these ideas, PS2 explored the nature of contactless transactions at the scale of the high street and the city through increasingly obsolescent building typologies, such as Banks. Projects reflected on the heightened need for contactlessness during the course of the unit as a consequence of the Covid-19 pandemic. Set in Belfast, these projects now form the basis for discussions with Belfast City Council about the future development of the city centre.



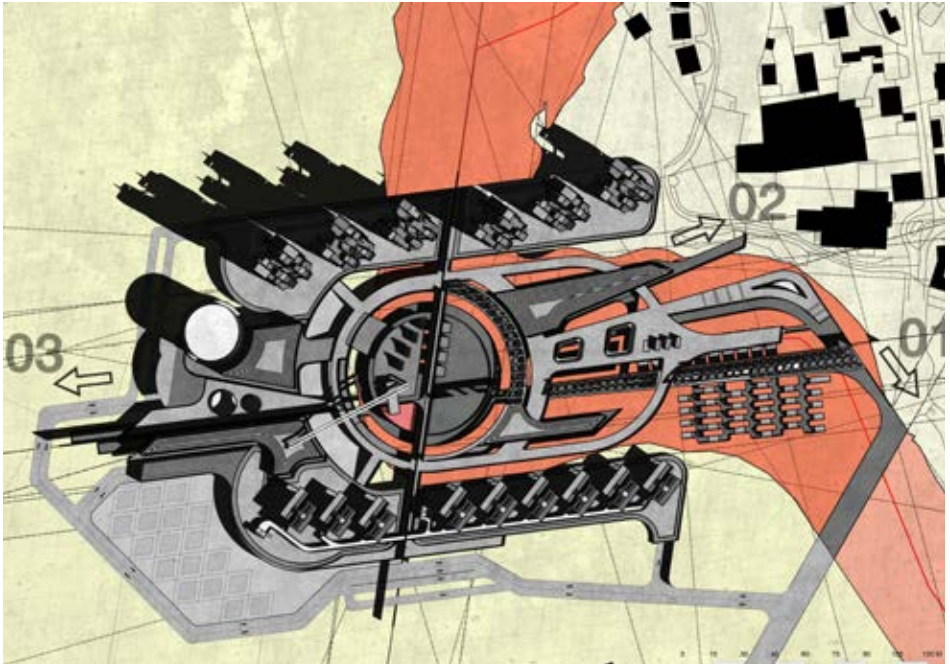
Brent William Haynes - Pomo Deco Abwo



Thomas Owain Register - (Extension)



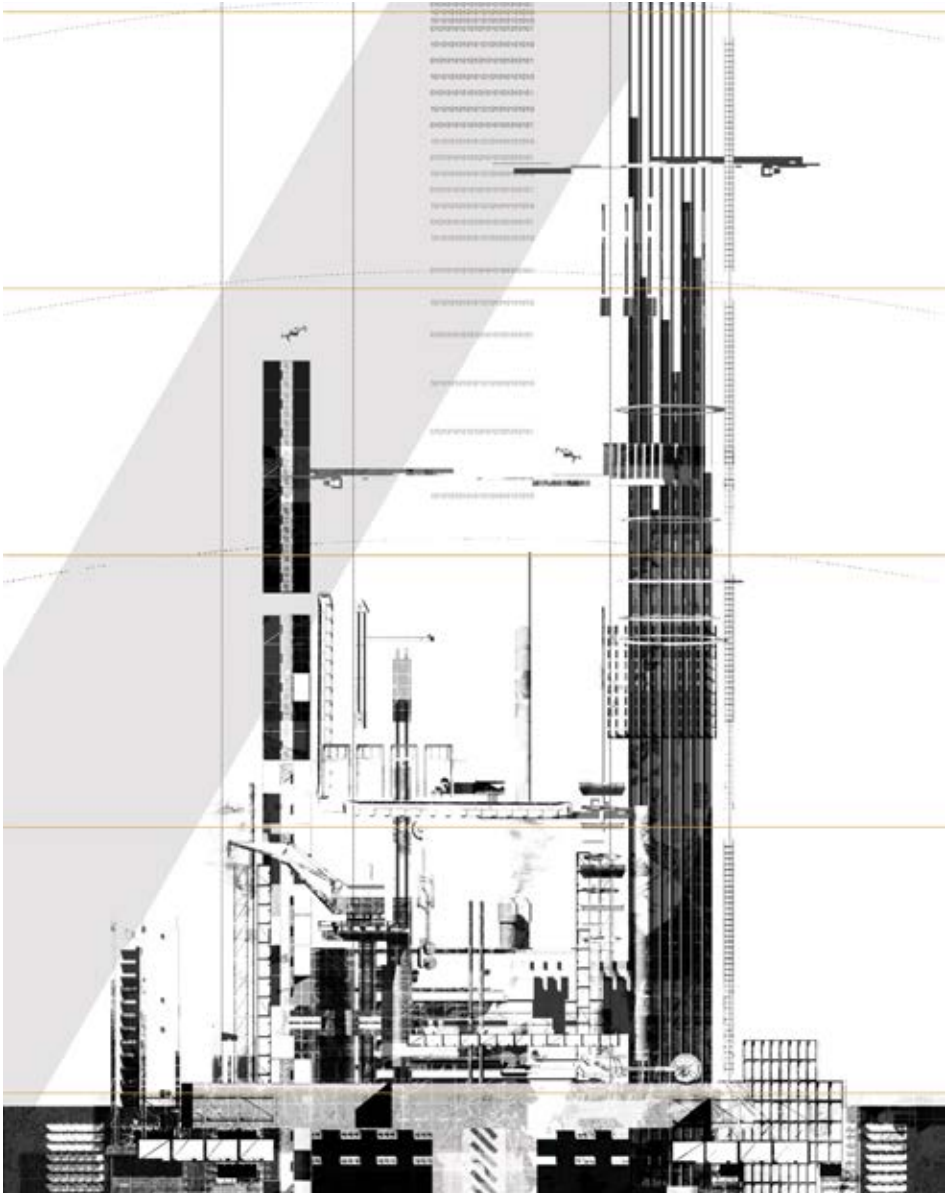
Ariel Helen Chesley - Umbrella Building



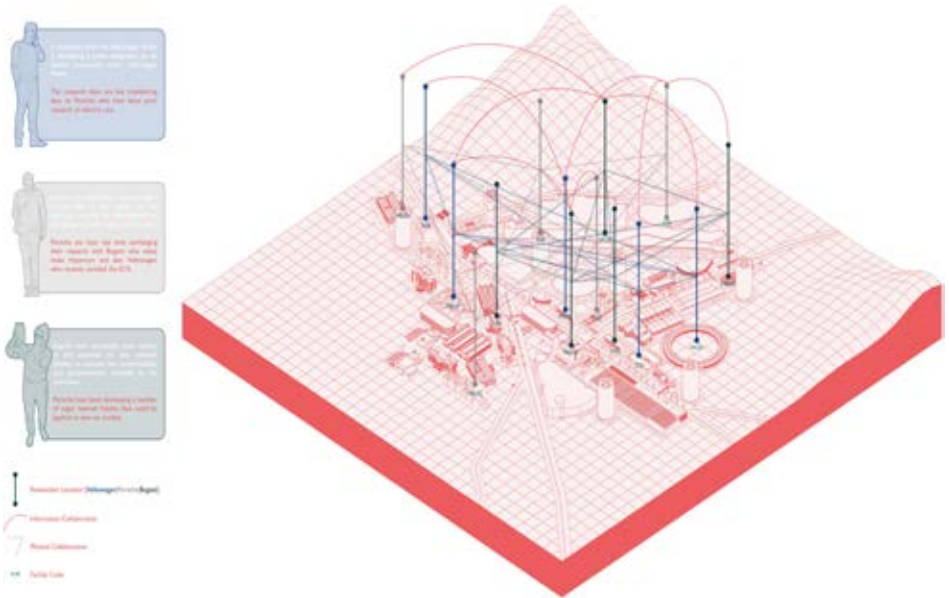
Muhamad Adha Bin Salim - Belfast Art Residency



Grace Jing Yuan Yu - Co-Lab Belfast



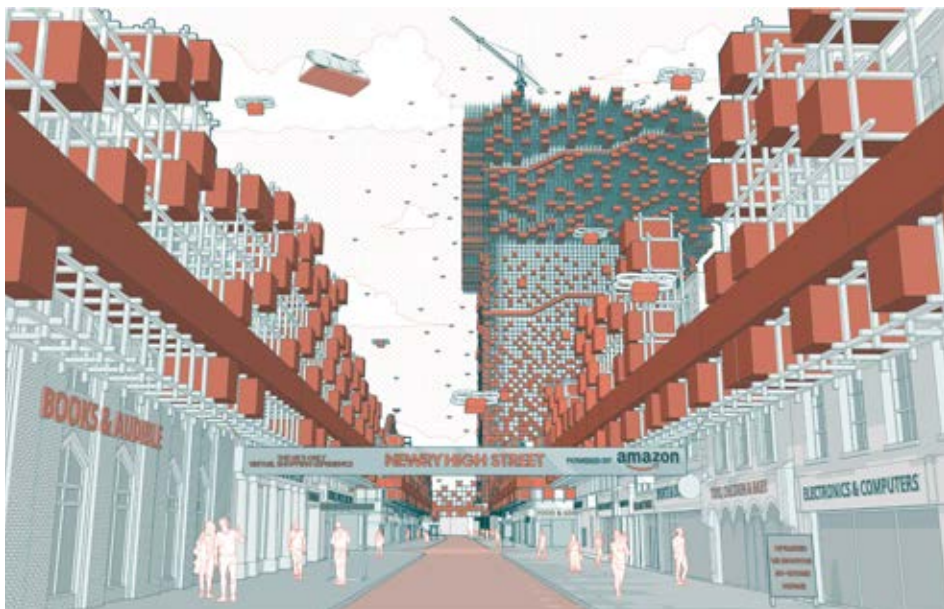
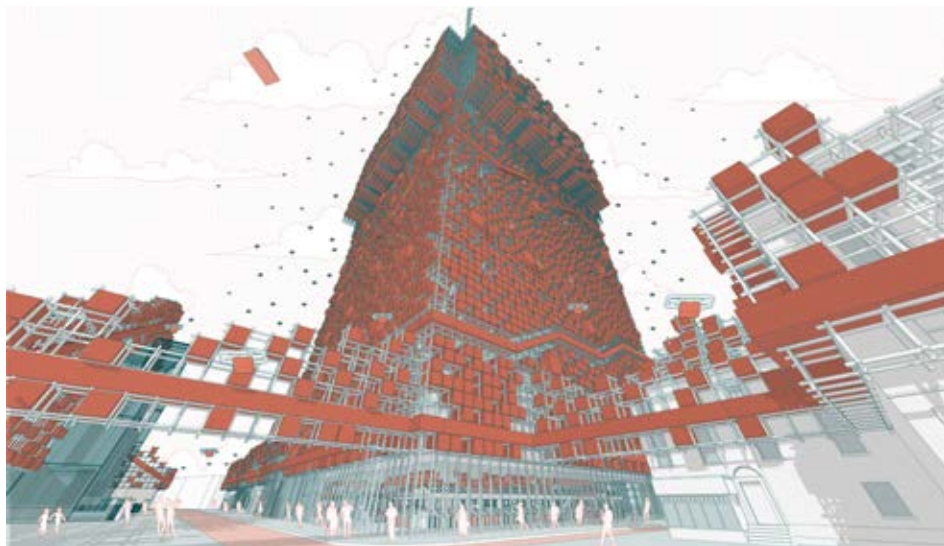
Lauren Gabbitts - An Unavoidable Post-scarcity World



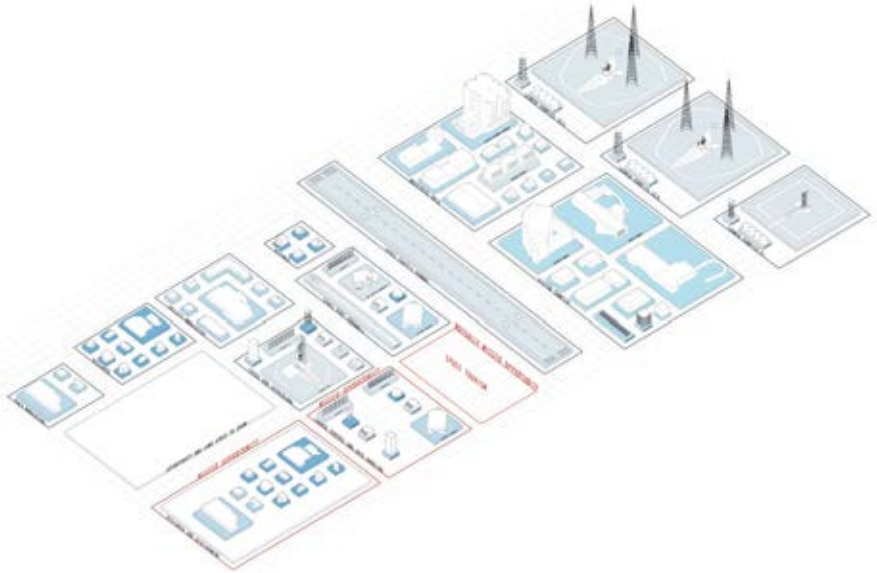
Jorge Reynolds - Automobile Ire[is]land



Joseph Shepherd - The Ireland of Identity

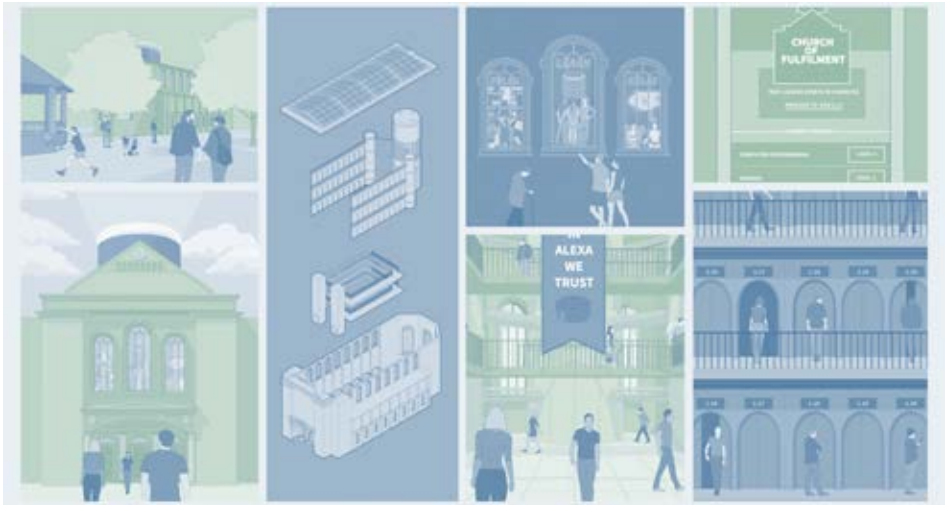


Joseph Carter - Delivering the Future



AN OPPORTUNITY FOR IRELAND

Stephanie Phillips - Satellite City



James Kennedy - When Amazon Came to Town



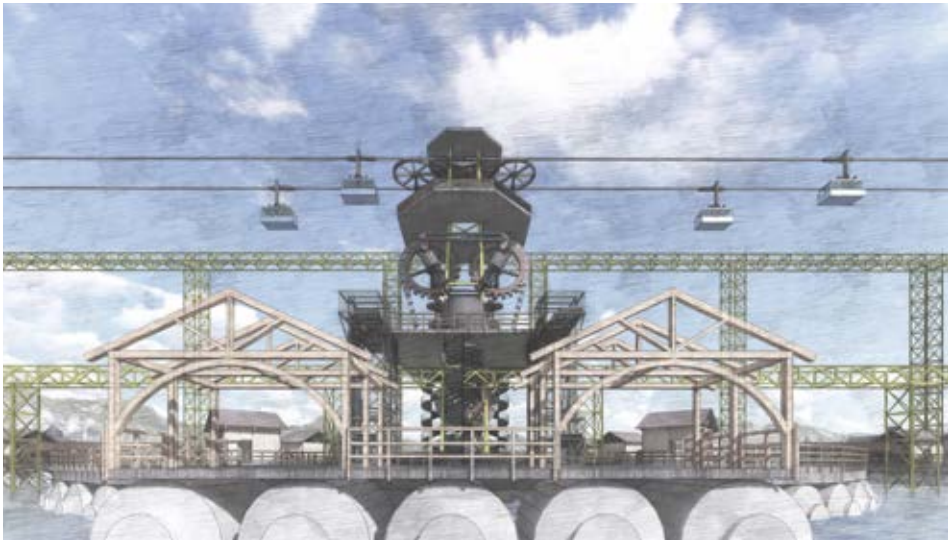
Isaac Timson - Carbon Mootral



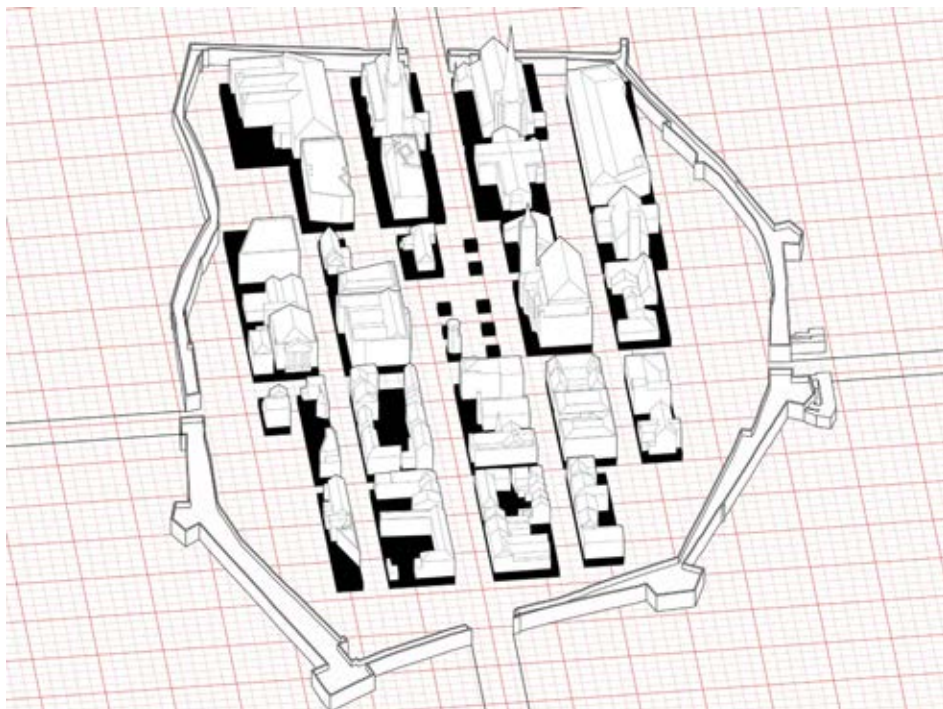
Thomas Brunyard - DAASI



Joseph Maguire - Take Back Control of Our Data



Ziwen Cai - Meditopia Village



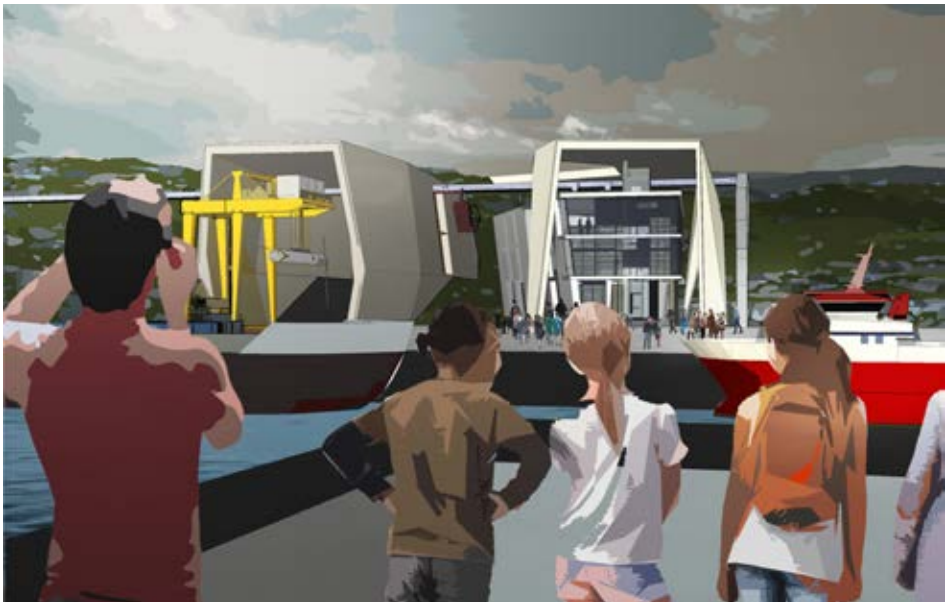
Verity Roweth - Apple Town



Laurence Richards - Waste:Land



George Sims - Hydrogen Based Life



David Jones - Infrastructure of Space

LULU: LANDSCAPE AND URBANISM

Staff

Dr Lucy Montague, Dr Luca Csepely-Knorr
Victoria Jolley, Joren Heise, Yun Wu, David
Rudlin, Vicky Payne, Helen Berg

Guests

Helen Grimshaw (URBED), Marianne Heaslip
(URBED), Lorenza Casini (URBED), Tom Smith
(CBRE), Megan Hanney (CBRE), Francis Hill
(CBRE), Urban Splash

MArch 1 Students

Claire Ainsworth, Sonia Mancxia Balaguru,
Celia Brearley, Sophie Chappel, Eva Cheung,
Hyda Davis, Charlotte de Moor, Irena Renata
Dewi, Emily Hagger, Panagiotis Kapositas,
Sung Jie Koh, Filippo Mecheri, Cezara Misca,
Hannah O'Neill, Holly Rhiann Partlett, Megha
Paudyal, Anna Charlotte Rezin, Luke Richards,
Areeje Sherllalah, Laura Gabriela Toth, Alex
Williams, Ka Hei Wong, Bismah Zafar

MArch 2 Students

Jessica Mary Abbott, Hani Namirra Binti
Abdul Nasir, Farid Abdulla, Emmanuel
Adedokun, Kimberley Androliakos, Farah Arar,
Florence Bell, Chelsea Bland, Michael Foster,
Mohammed Asim Hanif, Alice Weng Sam lu,
Alistair William Lewin, Pei Yin Loi, Nadia Isabel
C Ingles Pinto, Ethan Schofield, Kate Marie
Sinclair, Aishwarya Somisetty, Edward Sykes,
Oliver Thomas, Irvine Kipkemboi Toroitich,
Kirsten Wai Yee Wah-Finn, David Jeffery
Wilkinson

LULU Landscape & Urbanism sits within
URBED+, a wider research partnership between
Manchester School of Architecture and award-
winning consultancy URBED. URBED+ is an
innovative, cross-sector vehicle that combines
academia and practice to pursue research,
advocacy and education. The novel approach
taken by the atelier is to integrate public realm
and landscape approaches, exploring how
this interacts with built form and architecture.
Through URBED+, the atelier benefits from
both cutting-edge research and practice-
based knowledge, across the wide range of
specialist disciplines pertinent to its agenda,
including urban design, landscape architecture,
architecture, planning, sustainability and real
estate.

Urbanism is complex, conflictive and multi-
disciplinary. The client is multiple, control is
partial, the program indeterminate and there is
no state of completion. The primary aim of this
atelier is to prepare students to understand
and to successfully participate and intervene in
this process of urban design.

For their final year projects, students are
introduced to different approaches to
intervention in urban areas through theories
and principles in urban design, tools and
techniques of analysis, and the knowledge
and skills for designing urban areas and
negotiating the implementation of those
designs. This year students worked with
sites in Belfast, Blackpool, Leeds and Milan.
Initially working in teams, they first produce
in-depth reports analysing physical, socio-
economic and cultural factors. Students then
individually create a theoretically driven urban
design framework to guide strategic, long-
term goals for the wider city region, followed

by the evolution of part of this framework into a masterplan - a three-dimensional product and a process of implementation to achieve that product. The masterplan design considers, in varying levels of detail, activity patterns, built form typologies, open space types and hierarchies, movement types and channels. The implementation process considers timescale, phasing, costs and value of development and participating agencies. Particular attention is given to issues of landscape, transportation and development finance. One key space or building within the masterplan is then developed in more detail to explore the implications of their approach across all scales of urban design.

PS1 – High Street Re-use

High streets have been going through vast changes in the last century, impacted by the arrival of inner-city shopping centres, out-of-town retail parks and the convenience culture of online retail. Their decay has become a key challenge, dominating debates in urban design, town planning, architecture, landscape architecture and place management. In this first project, students address this through a landscape driven approach, designing the re-use of public space in one of Stockport's local high streets - Castle Street - and then the re-use of retail units that line it. This equips students with principles and abilities in landscape design as well as a detailed understanding of the relationship between public space and architecture. They learn the potential of landscape to revitalise declining urban centres, to accommodate various functions in public space and to respond to functional, aesthetic and technological needs.

PS2 – Terraced House

Within a market-driven construction industry, new housing in the UK is highly dependent on private developers. This means that residential development is primarily driven by profitability, leading to risk-averse repetition of very limited and generic products and minimal consideration of public realm beyond the saleable units. In this project students discover the balance between control and creativity - creating coherent public realm through masterplanning whilst leaving scope for architectural innovation – and they re-imagine the terrace as a robust and sustainable typology capable of responding to the housing needs of different demographics. A group masterplan is developed (this year in Edgeley, Stockport) and then sequentially blocks, streets and plots in increasing detail. Each student has one plot in which to re-imagine the terrace typology for contemporary times and for diverse clients, whilst working co-operatively within the constraints agreed in the group masterplan.

Links

<https://www.msa.ac.uk/urbed+/>
<http://urbed.coop/projects/msa-atelier>
<https://www.msa.ac.uk/study/march/lulu/>



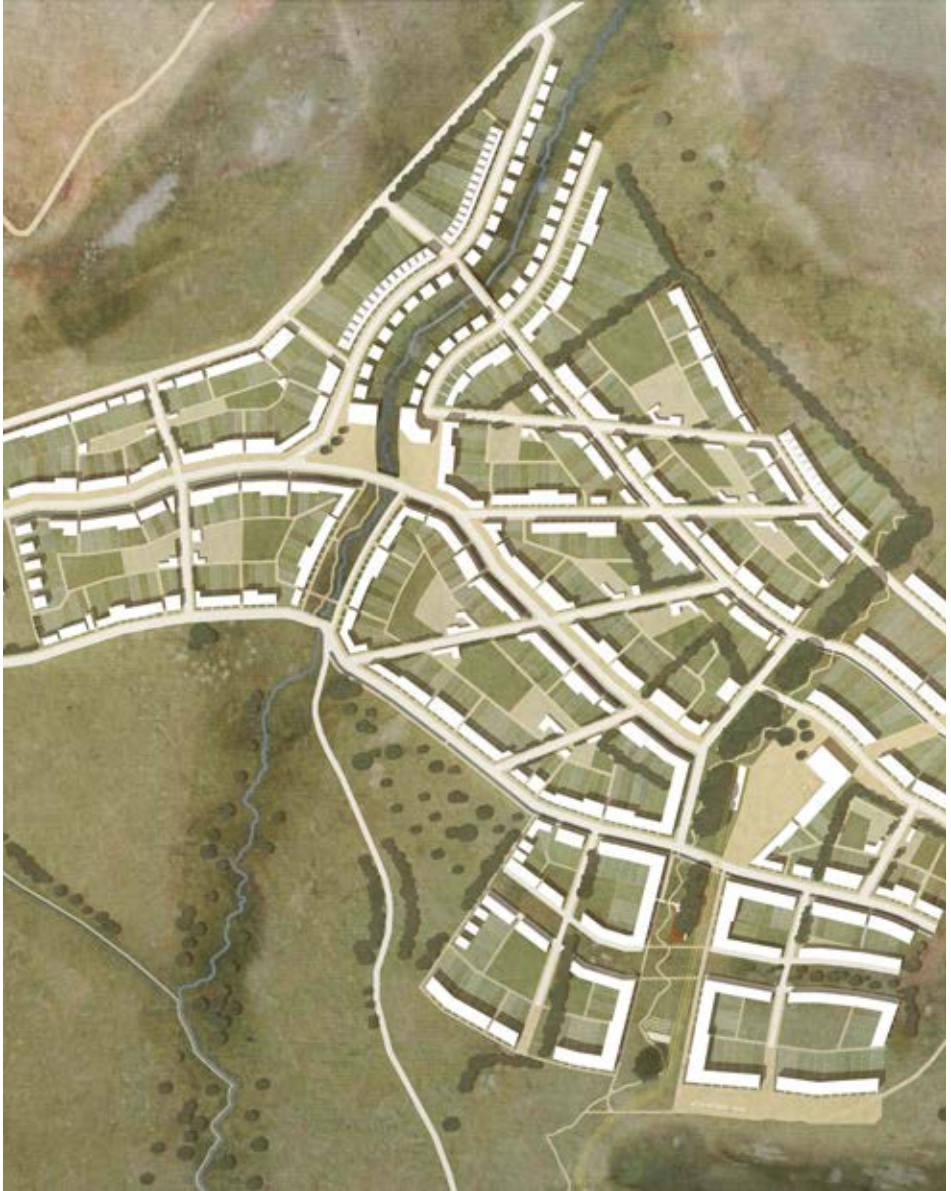
Areeje Sherlillah, Bismah Zafar, Cezara Misca, Megha Paudya - Edgeley High Street Strategy Plan



Alex Williams, Celia Brearley, Filippo Mecheri - Edgeley Education Hub



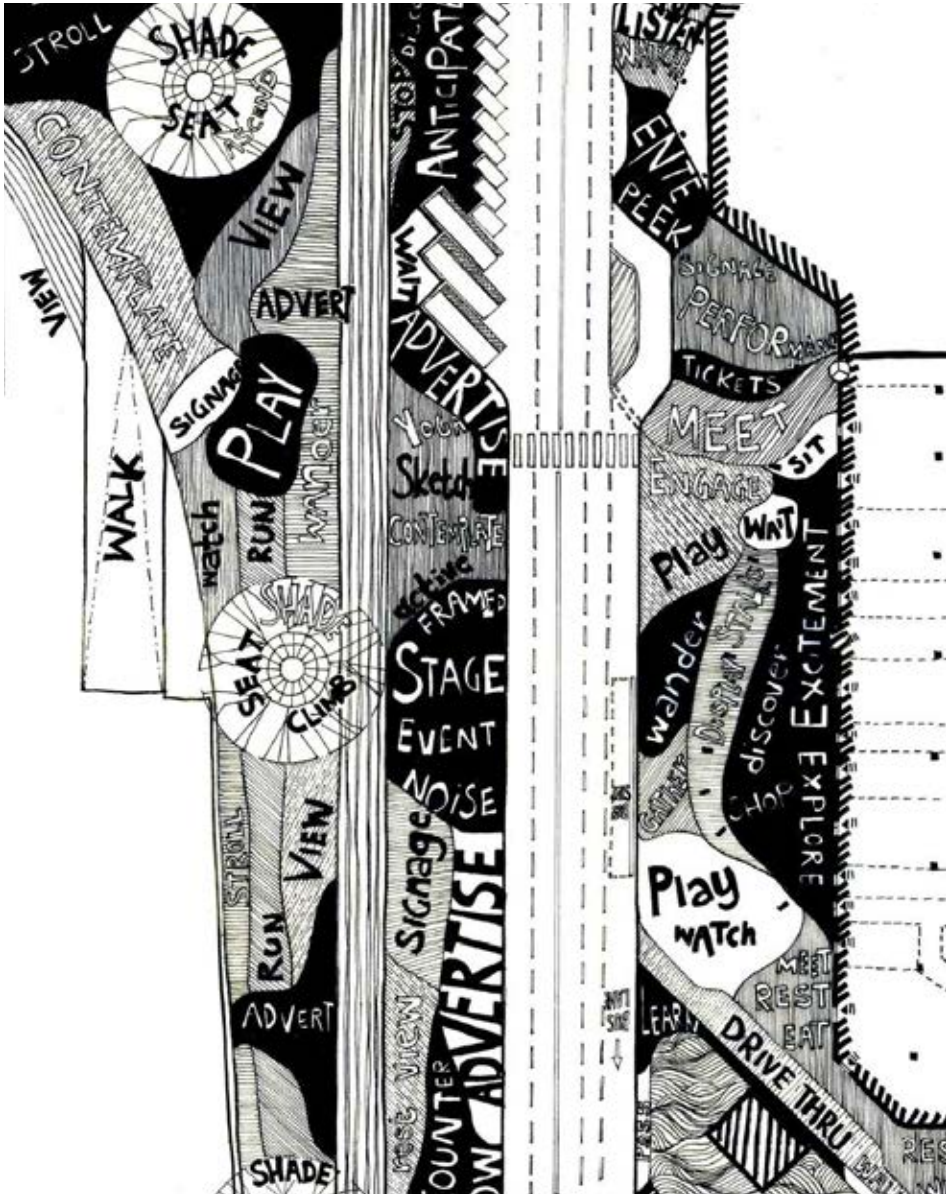
Celia Brearley, Sophie Chappel, Sung Jie Koh, Cezara Misca - Edgeley Park Terraces



Jessica Abbott - Genius Loci: A settlement on the Antrim Plateau



Chelsea Bland - Participatory Regeneration in Sailortown



Alice Weng Sam lu - Welcome to the Blackpool Spectacular!



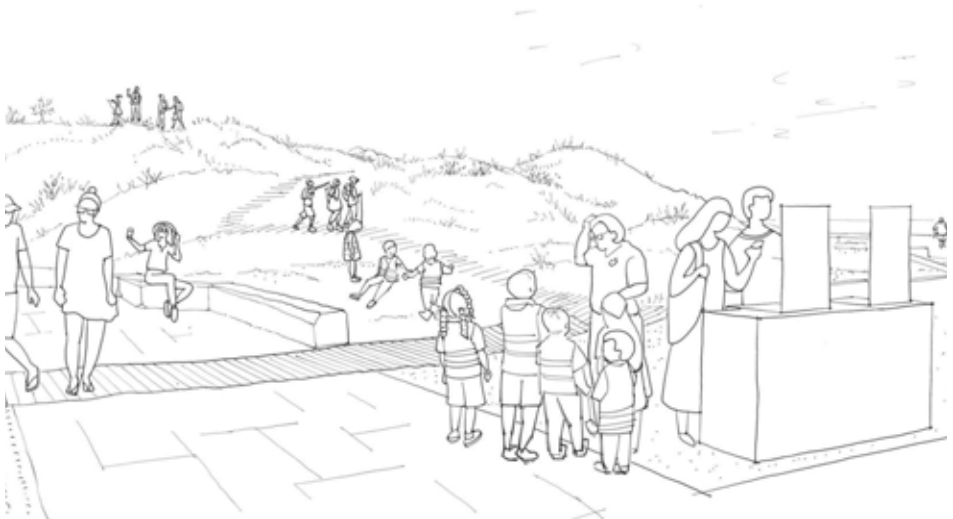
Florence Bell - Creating public life in Inner East Belfast



Edward Sykes - Leeds South Bank



Hani Namirra Binti Abdul Nasir - Blackpool Central Station Park



Kimberley Andrioliakos - Squire Gate Sand Dune Habitat

PRAXXIS

Staff

Helen Aston, Emily Crompton, Rhiannon Hodgeon, Kat Timmins, Sarah Renshaw, Kate Stott

Guests

Britt Jurgenson, Erin Byrne (Greater London Authority (GLA)), Anna Wildman (WML Consulting), Melissa Meyer (GLA), Tommy Harrison (Landolt + Brown), Shona Scales (GLA), Helen Hough (Bryden Wood), Darren Paine (dp2), Nick Mitchell (Purcell), Architecture Unknown

MArch 1 Students

Tahreem Amjad, Alice Bell, Freya Cooper-Williams, Sarah Day, Sara Hakkou, Martha Hiles, Sally Lofthouse, Aniela Migasiuk, Felicity Pettit, Callum Plumb, Jasmine Ratcliffe, Angus Riddell, Sandra Rotarescu, Quadri Shogunle-Aregbesola, Raluca Sisu, Pek Kwan Soo, Motunrayo Soyannwo, Eleanor Strange, Flora Wei See Teng, Lorenzo Zimmermann, Thandokazi Zitumane

MArch 2 Students

Simisola Abidakun, Purva Bhende, Chloe Cann, Alice Davitt, Karolina Dudek, Emily Fettes, Deanna Heatherington, Leanne Hobday, Lauren Jakeman, Elly Mead, Caterina Pini, Tom Prendergast, Annie Sibthorp, Kate Silvester

PRAXXIS is an all female-led feminist studio atelier and research collective at the MSA in BA3 and the MArch years 1 & 2 with roughly a 75/25 gender split of students (in favour of females). Praxxis takes an explicitly feminist approach, in particular intersectional feminism to explore the inequalities in society and what that may mean for the built environment.

Intersectionality takes the position that the various layers of what we see as social and human characteristics—class, race, sexual identity, religion, age, disability, marriage status and gender identity do not exist separately from each other but are interwoven as a complex matrix. It is a platform where theoretical transdisciplinary practices are set up, a studio space of exchanges and dialogues where you can ask the questions that are not comfortable in other ateliers. And we are not afraid to use the F word! And by this we mean Feminist.

For the year-long thesis project our MArch 2 students have used feminist tools as a way of constructing project briefs that always respond to the personal and the political. We hold Feminisms Conversations which act as a supportive and discursive platform to explore a non-binary approach to practice, education and our profession. Ideally as a more inclusive understanding of how our identity affects our life and our work. By defining a project from a personal position (an experience or simply a passion) and placing it within a political context, project work often results in the re-definition of systems—a key tenant of feminism with the objective to alter the existing system for the inclusion of women, or equality of women and inclusion of others.

We have been working on the same street in Old Trafford throughout the academic year alongside our BA3 PRAXXIS atelier colleagues. In simple terms there are two intense atelier led design projects in M.Arch 1 PS1 a housing project and PS2 a Building Re-use project. We have seen two these projects as interlinked at various scales from the political through to the personal but always through a feminist lense. Our simple yet complex research question for the year to you is how a high street work for Old Trafford whilst including alternative housing models for many forms of modern families?

Professional Studies 1

Intersectional Housing - High Street as Host! Intersectionality takes the position that the various layers of what we see as social characteristics (class, race, sexual orientation, age, disability and gender) do not exist separately from each other but are interwoven as a complex matrix. Each student created a new High Street Strategy and designed intersectional housing proposals considering the urban design, technical and material choices, ethical decision making and an alternative yet appropriate economic model.

Professional Studies 2

Feminst Detail Building Reuse - Tolerances. Building on the High Street Strategies and intersectional housing proposal from PS1 we asked the students to reflect on their own forms of Feminist Practice which manifested into them setting up a number of transdisciplinary practices. By reusing an old petrol forecourt on the site the project was aimed at showcasing the benefits of

Social Enterprises within the local economy to a strategic reuse scale of 1:200. Then the students were required to jump to designing and creating feminist architectural details and each group created a new Building Regulation with a distinct feminist agenda.

Finally, using feminist pedagogy we require our students to create project road maps. With this we ensure that these various key reflective processes are constantly discussed, self and peer reviewed. This is something we see as a crucial part of any successful feminist project. Each road map involves the navigation and communication of how and what the students have had to unlearn, learn, then had to re-learn, whilst constantly reflecting and finally evaluating. We ask our students frequently what kind of Architect do you want to be? We ask how our students want to practice, not where and not for who... And what form of practice that might be.

Follow us on Instagram and Twitter @praxxis_f



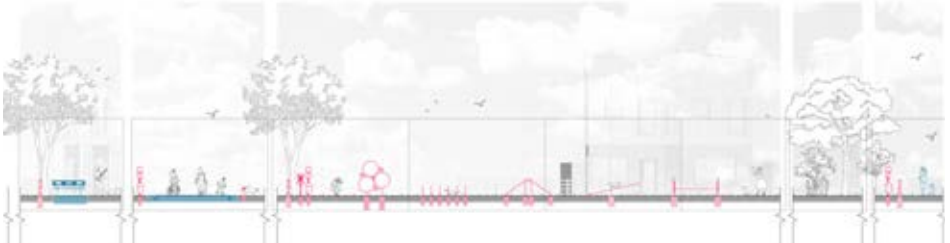
Karolina Dudek - Beyond Coal: How can a former coal mine be regenerated as an element of a feminist energy transition?



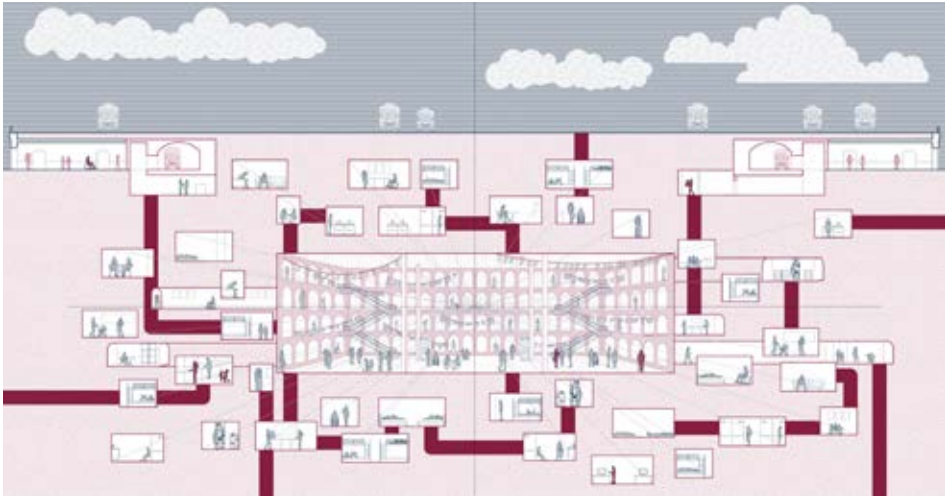
Karolina Dudek - Beyond Coal: Stage 6 of the Energy Transition



Lauren Jakeman - Transforming Belle Vue from Cruelty to Liberty - a dog friendly development brief and urban design proposal



Lauren Jakeman - Transforming Belle Vue from Cruelty to Liberty - a dog friendly development brief and urban design proposal



Caterina Pini – Architecture Over Politics – considering refugee crises from an intersectional perspective focusing on people and behaviours



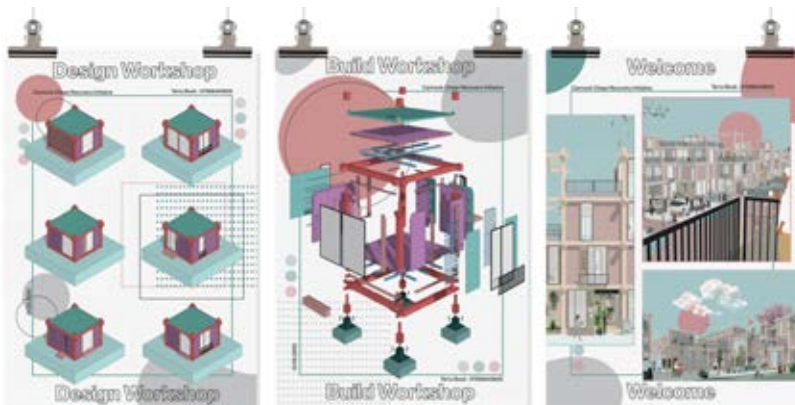
Caterina Pini - A poster campaign for raising awareness and to critique the current political scenario, in order to give refugees and asylum seekers the possibility of choice that policies are taking away from them

Elly Mead - Providence Park: Exploring sustainable food futures in Greater Manchester





Kate Silvester – The Memory Game: Set in 2030, how can the dementia care model be re-designed to break the stigma for future generations



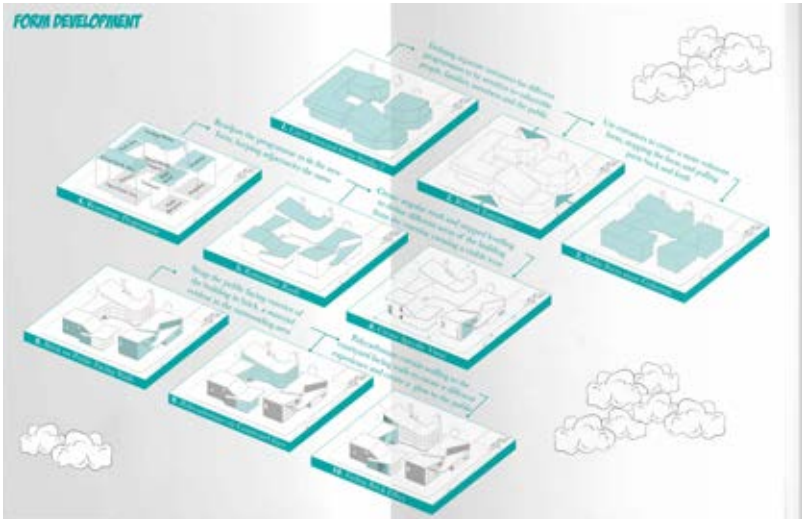
Deanna Hetherington - Exploring the Marxist Feminist Future of Flexible Housing



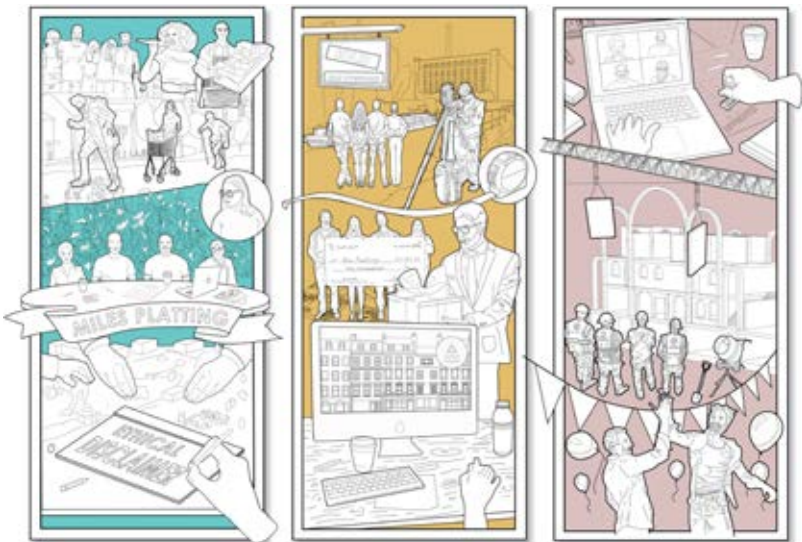
Chloe Cann - The Walls in our Head and the Walls in our Streets: A safe space for men in Belfast, Northern Ireland



Leanne Hobday - The Campus of Architectural Innovation



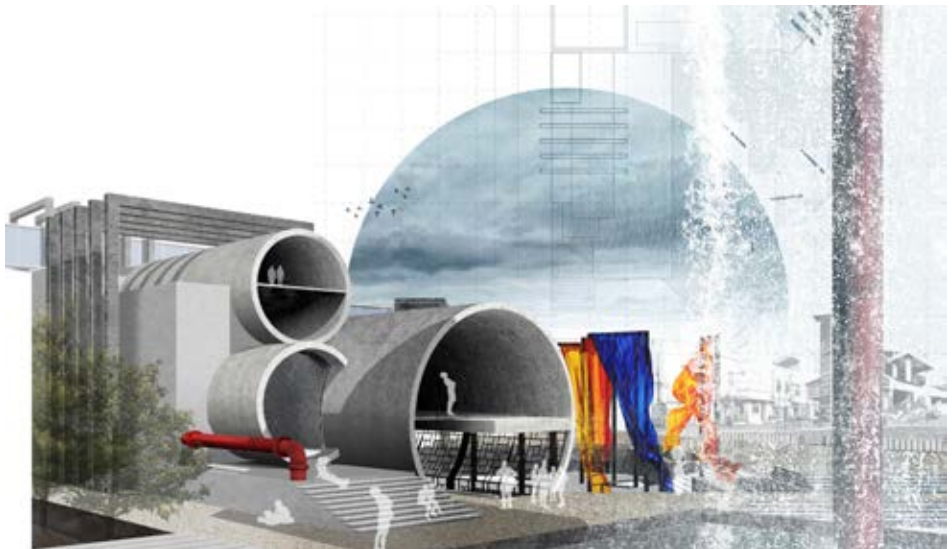
Emily Fettes - Generation A: A Spatial Rethink of Youth Provision



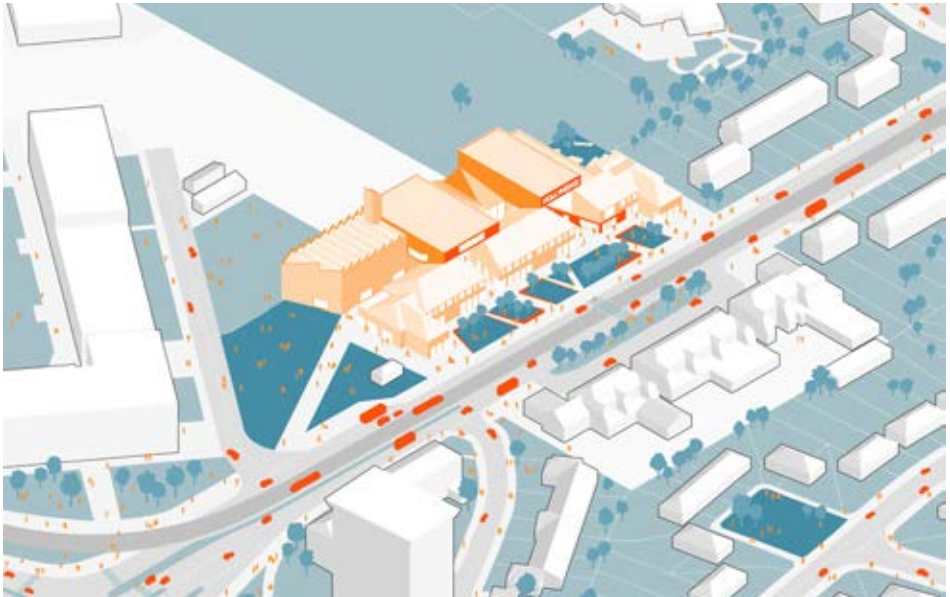
Alice Davitt - The Ethical High Street - A Model for Practice



Purva Bhende - Decolonising the Water Supply in Chennai, India: A Vision



Purva Bhende - How can the decolonisation of water structures build socio-ecological resilience to extreme climatic events?



Tom Prendergast - Re-Inventing Wythenshawe's Social Infrastructure



Tom Prendergast - How can social infrastructure be used to facilitate greater cooperation between various political movements?



Annie Sibthorp – The Threshold between Trans and Transed Spaces



Annie Sibthorp - Can gendered architecture be subverted in order to connect, celebrate and empower transgender lives?



Simisola Abidakun - The Curated City in Action: A Neighbourhood Cultural Strategy and Catalogue for Cheetham Hill

URBAN SPATIAL EXPERIMENTATION

Staff

Karsten Huneck, Becky Sobell, Vikram Kaushal, David Connor

Guests

Alice D'Andrea (KHBT), Aran Chadwick (atelier one / structural engineers), Bernd Truempler (KHBT), Max Rengifo (WRAP Architecture), Charles Blanc (Sans facon), Tristan Surtees (Sans facon), Kirsten Scott (Foster + Partners)

MArch 1 Students

Hu Tianyuan, Nuojun Lin, Philippa Jane Humphries, Thomas Charles Keen, Ka Wai Chan, Cheryl Jade Leung, Aron Mitchel Lewer, Francis Croll, Cho Yee Jason Cheung, Shanahan Siu Wai Leung, Zhong Haocheng, Lyu Mangting, Xiao Junfu, Liao Yitian, Christopher Mcmanigan, Kieron O'Sullivan, Angharad Jones, Patrick Millar, Joseph Kelleher, Julia Gei Ga Wong, Zhao Yimeng, Michael Rostock, Shaw Labrianidis-Kenny, Robert Joseph Cameron Clarke, James Robinson, Tom Keen

MArch 2 Students

Daniel Mead, Maciej Augustynowicz, Evgenia Papaikovou, Faruq Agberemi, Jingyu Lyu, Iuliana Silvi, Chenghe Huang, Andrew Boness, Asher Bourne, Lorna Lovatt, Catherine van Dorssen, Georgina Cormode, Zhu Runzi, Jiacheng Ying, Quan Wan, Sarah-Jayne Stamper, Jinhao Zhang, Jessica Cham, Joshua Jenje, Magdalena Plonka, James Soeno, Wei Liu, Ho Cheung, Callum Cherry

In USE each student is encouraged to form an individual concept based on a thorough site analysis. The projects follow a (personal) narrative that is born out of the site's history and its inherent potential which is developed through all design stages. The Atelier is exploring the boundaries of architectural practice and utilizes the techniques and working methods of other creative disciplines in particular fine art. As a result USE also creates ongoing collaborations between the MArch Course and the Fine Art Department of the MSA and organizes yearly symposia between the two disciplines as well as international workshops. This year, the Atelier's activities included: a field study tour and workshop at Venice Art Biennale with Hochschule Mannheim, Fachhochschule Dortmund, Hochschule Coburg, EASD Ourense, Freie Universität Bozen, Marmara University, Manchester School of Architecture; a lecture by Kirsten Scott of Foster and Partners; and another on Art and Architecture by Sans Facon.

The topic for MArch 2 this year was to develop projects and spatial strategies that explore the nature of "Islands". We asked: What defines the existence of an Island, when is a piece of land considered an Island and when does it stop to be an Island? What are the inherent qualities of an island, spatially and mentally? Is the surrounding of water or other elements essential to define an island? In times of growing tendencies to revert to nationalism and closing borders it is of vital importance to explore what drives this development and its derivation. Islands of different nature have been explored; starting with the investigation of the archipelago of Venice, where we investigated the whole archipelago as well as exploring the Art Biennale and participating in

a 5 day International Workshop. Mixed groups of students developed and presented ideas as part of the Biennale Sessions at the Arsenale. The theme of the Biennale, May You Live in Interesting Times, acted as a guiding theme for the workshop and as a kick start to the Atelier Topic of islands. The primary site for most projects was the abandoned Pomona Island, a stretch of land in Manchester originally consisting of five docks on the Manchester Ship Canal.

Professional Studies 1 - Severn House, The English Country House(ing) 2020

The task was to develop a new type of house(ing) that explored the potential of the country site as well as the unique location on the river Severn and its aspect of re-using the remaining columns from Dowel's railway Bridge in Bewdley. The students were encouraged to explore the nature of house and home in a broad sense. The proposals included new co-living models, science and environmental laboratory residencies as well as a new cycling tourism model and manufacturing facilities with on-site housing provision. All solutions had to reconcile low-carbon agendas with the atelier approach for the buildings to express a poetic quality that enhanced the landscape of the Severn Valley and explored new concepts and forms through experimentation.

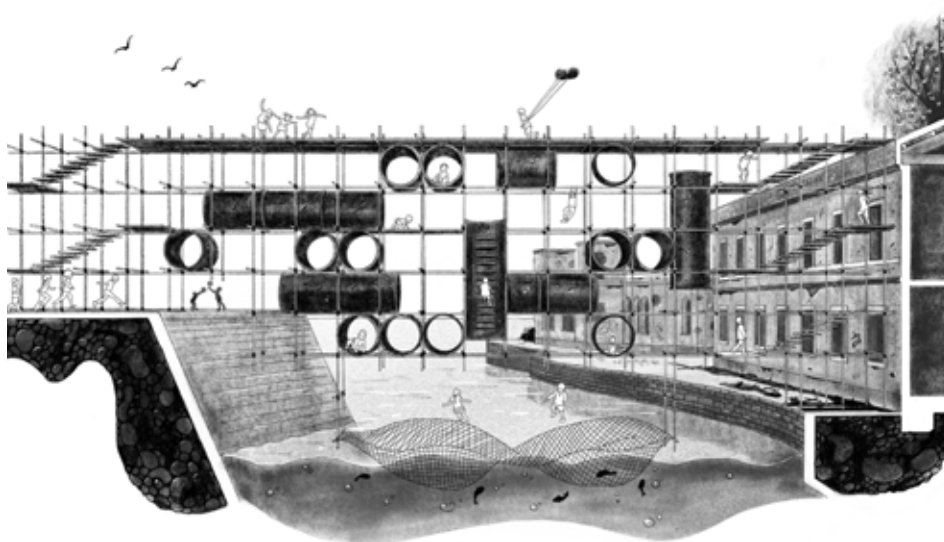
Professional Studies 2 - "Island of Poveglia", Venice Archipelago

This brief required the transformation of the abandoned island of Poveglia, located south of Venice, which, amongst other uses, was once home to an asylum. The students were

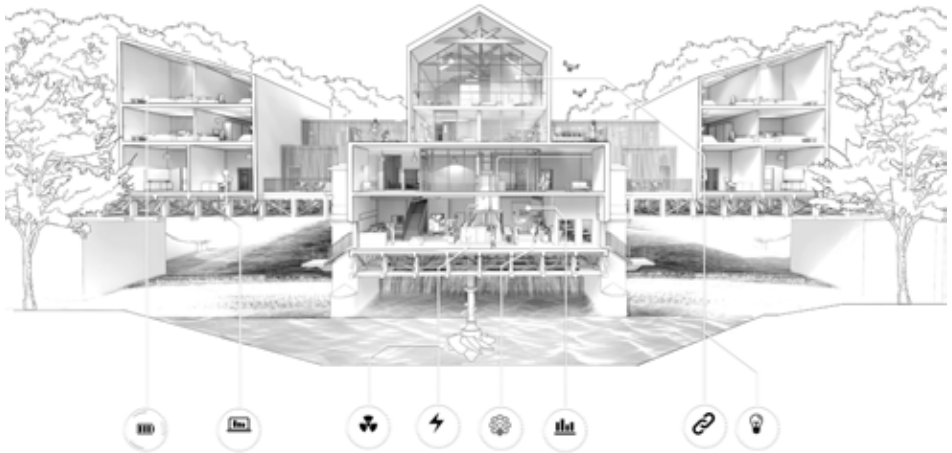
asked to develop strategies that transformed the whole island as well as the existing derelict buildings. It was important to explore the nature of this location and develop individual briefs or strategies by using contemporary technologies and design methods whilst respecting the old structure and its values. The students' strategies began their development during our workshop at the Art Biennale where they considered the nature of islands and ideas that could instil a new life or programme to areas that are overlooked in the archipelago. A rare opportunity to visit the island and explore its derelict buildings enabled the students to create a thorough analysis that not only captured the physicality of the place but most importantly its fantastic atmospheric impact. This led to highly imaginative experiential proposals including performance theatre venues; facilities for therapeutic treatments, a kids play island or an innovative "free" prison complex; all characterised by sensitive consideration of detailing and material use and clear decisions about the incorporation of new structures.



Angharad Jones and Kieron O'Sullivan - Introducing the masterplan for Poveglia Prison City



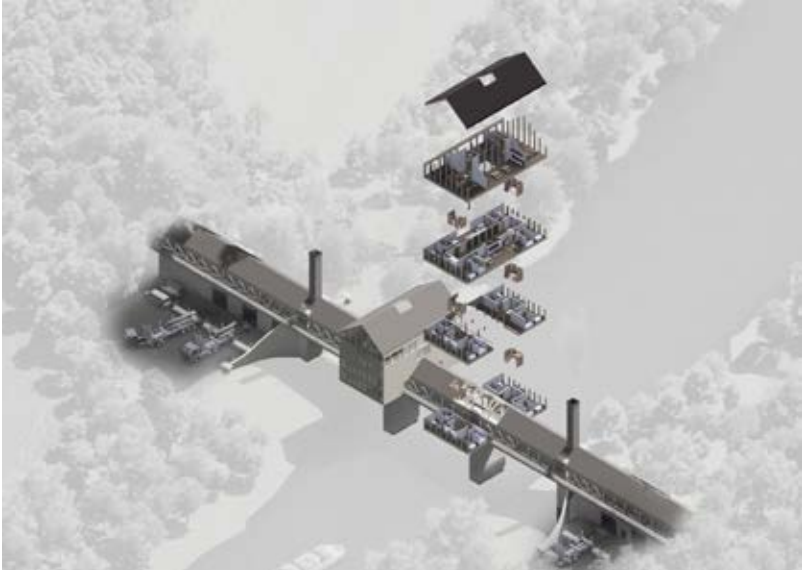
Junfu Xiao and Yitian Liao - "Venetian Treasure Island" for Children



Thomas Keen and Phillipa Humphries - "Environmental Cross-Section"



Kieron Osullivan - Bewdley 2120 based on worse-case climate change predictions



Mike Rostock and Shaw Labrianidis-Kenny - 'Dowles Bridge Carbon Neutral Community'
Sawmill and residential hybrid structure



Francis Croll and Aaron Lewer - 'Crucible House', West Elevation



Sarah-Jayne Stamper (would you like to share your story?)



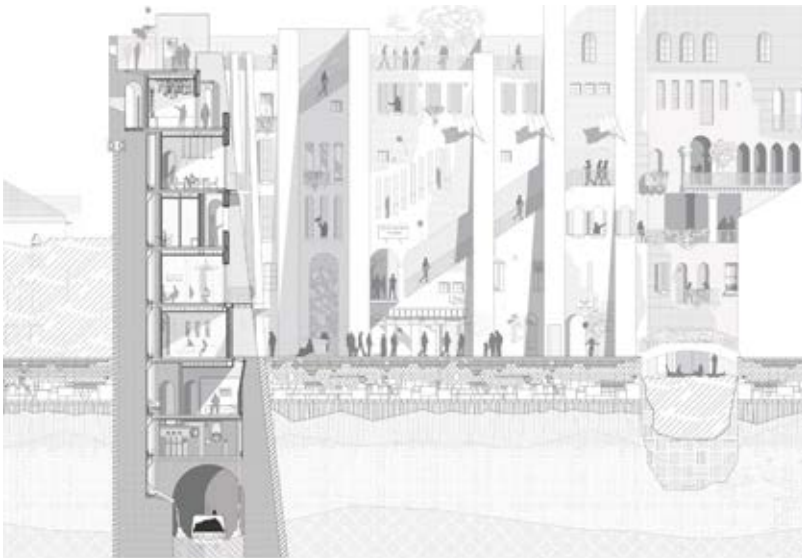
Faruq Agberemi - 'The Healing Island'
 Procession, Enclosure & Wayfinding: Inducing a sense of discovery and freedom in movement



Joshua Jenje "Rikers Island Rehabilitation Complex" Psychiatric Effects of Solitary Confinement



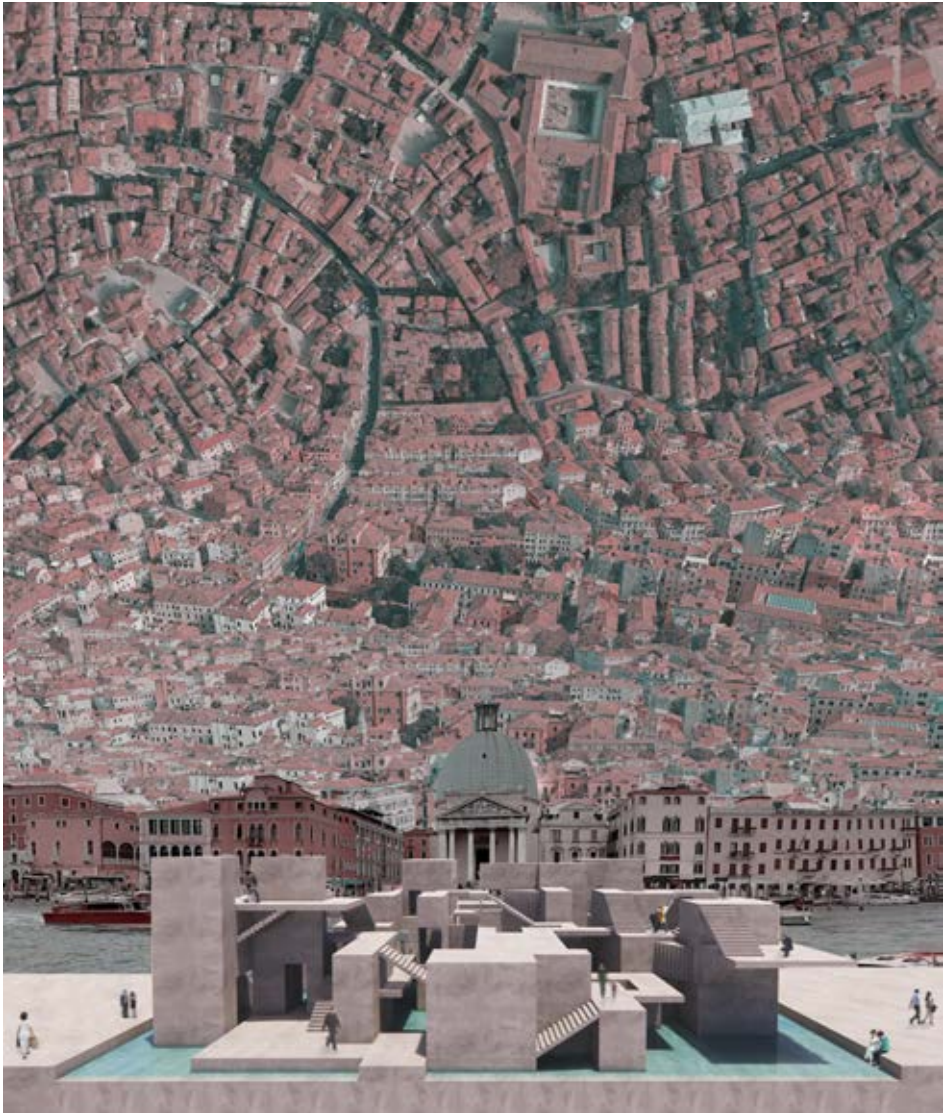
Andrew Boness "Manchester Under Construction 2050"
Manchester Monument Tower - A warning if we resist innovation



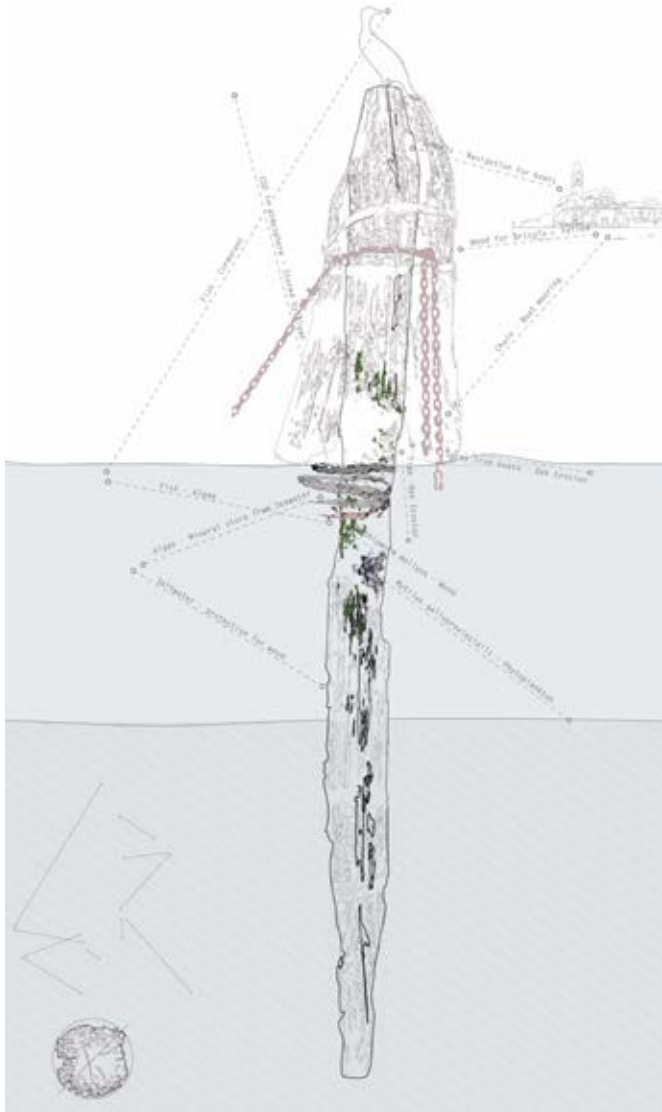
Callum Cherry - Detailed Section of the Living Wall



Callum Cherry "A City Between A City"



Evgenia Papaïakovou "Another Venice" A phenomenological approach to understanding the historic centre of Venice



Catherine van Dorssen - "The Ritual of the Bricola" . The Bricola as a Micro-Island



James Soeno - "Beneath the Pavement, The Lagoon"



James Soeno - New Port Terminal within a wave attenuating barrier and artificial reef



Daniel Mead and Maciej Augustynowicz - "The Drowned City"

How does Venice function as a city and museum in the wake of 10 metre sea level rise?

EVENTS

Events Lead

Becky Sobell

Events 20 is the latest in the MSA's annual programme of collaborative student-led live projects.

Each year the Manchester School of Architecture runs the Events programme to unite BA Year 01 and 02 undergraduates with MArch 1 postgraduates in mixed-year teams. MArch students organise projects, working with collaborators locally and globally to create impact beyond architectural education. Events 20 offered multiple benefits to all participants: students engage in peer-to-peer learning while testing modes of architectural practice in collaborative live projects. Some Events are research-led with connections to MSA staff projects, and all have identified social impacts which will result from the activities. MArch students collaborate with external partners from charities, social enterprises, community groups and other organisations to develop a brief and comprehensively plan activities for the duration of Events. This year the Events blog was redesigned to reflect the scale of activity and the depth of engagement with associated themes: <https://events.msa.ac.uk/2020/>.

The timing of our collective response to COVID-19 inevitably altered the course of the programme this year; all projects were curtailed at the conclusion of the planning stage. However, the quality of research and collaborative effort is well-represented. We hope to build on many of these achievements and relationships next year.

Events 2020

St Mary's Sensory Walk, Manmus, Woah – Pod, Chorlton Re-Use, Incredible Sheducation, Let's Talk: Zine, Farm Follows Function, Let's Play, Dreamhouse For Circus, Supported Earth, Human Narrative, The Right Space, Re-Imagine Accra, Centre Stage, Re:Think, Victorian High-Tech Church Roof, Carbon Housing Retrofit, Youth Centre 422, Town Hall In The Making, Revitalising The Town Hall, Make * Space * Discover, Newtopia, Digital Den, How Women Build, The Chronicles Of 42nd Street, Ready Sheddy Go, Trees Not Cars, SpinSpace, Young Rogues' Exhibition, Botanical Blueprint, Rising Architects

Partners

42nd Street, Bradford Civic Society, Building Bridges Pendle, Dr Laura Coucill, Dr Luca Csepely-Knorr, Dr Łucasz Stanek, Friends of Beech Park, Helen Aston, Hive Urban Farms, How Women Build, iarchitect, In Situ, Incredible Education, Jesuits in Britain, Kwame Nkrumah University of Science and Technology, Laura Sanderson, Lifeshare, Lynn Settrington, Manchester City Council, Manchester Modernist Society, Manchester Museums, Manchester Vineyard, Nightsafe Ltd, North West Theatre Arts Company Ltd., Our Town Hall Project, Professor Giles Johnson, Professor Ola Uduku, Purcell, Smallpeice Trust, SPIN, St Cuthbert's RC Primary School, St. Mary's RC Primary School, TASC Manchester, The Circus House, The Horsfall, The University of Manchester Botanical Gardens, Trees Not Cars, WOA H



EVENTS

MANCHESTER SCHOOL OF ARCHITECTURE

ST MARY'S SENSORY WALK

AGENDA:
 Create an arena of community that makes connecting with the existing building, learning, laboratory, the outdoors, with the city streets for the people of St. Mary's, Lancashire, a priority.

COLLABORATE:
 Our event collaborating with St. Mary's Lancashire Special School. Through visible working with its support of staff and their pupils become our youth team who will they would like to see on this urban walk.

SKILLS:
 •Planning
 •Presenting this innovative aspect of using a traditional building.
 •Communicating with others.
 •Presenting

TEAM:
 Felix Clarke
 Mathematics Specialist
 Sally Mangan
 Anne Preece
 Jane Gledhill

Visit msa.ac.uk for more information

EVENTS 20

GROUP 01
 St Mary's Sensory Walk

MANCHESTER SCHOOL OF ARCHITECTURE

MANMUS

Re-imagined a heart of our building, the school and business entrance

AGENDA:
 The new, vibrant people who to move and see the heart of the university through the physical building.

SKILLS:
 Design skills used to reimagine through the existing building, existing space, shape and architectural form. Students will use an interdisciplinary design skills through continuing engagement.

COLLABORATION:
 The new, vibrant people who to move and see the heart of the university through the physical building.

CHORLTON

EVENTS 20

GROUP 02
 Manmus

MANCHESTER SCHOOL OF ARCHITECTURE

WOAH - POD A HOUSING REVOLUTION

We are 100% an award-winning collaboration with 100% MSc student led cultural and Creative Industries priority to develop an award-winning housing 100% of the students owned the Manchester area. We will continue to change lives with Chortleton Re-use project. The architecture is essential to their design for the context of the location.

WHERE WE COLLABORATE:
 In Work
 Project/Classroom
 Academic
 Laboratories
 Gardens

SKILLS:
 Students will learn to work collaboratively. For the success of the urban culture will be required to 21 working solutions. To solve complex, dynamic, interdisciplinary. Resilience necessary model.

EVENTS 20

GROUP 03
 WOAH - Pod

MANCHESTER SCHOOL OF ARCHITECTURE

RE-USE

AGENDA:
 The new, vibrant people who to move and see the heart of the university through the physical building.

SKILLS:
 Design skills used to reimagine through the existing building, existing space, shape and architectural form. Students will use an interdisciplinary design skills through continuing engagement.

COLLABORATION:
 The new, vibrant people who to move and see the heart of the university through the physical building.

CHORLTON

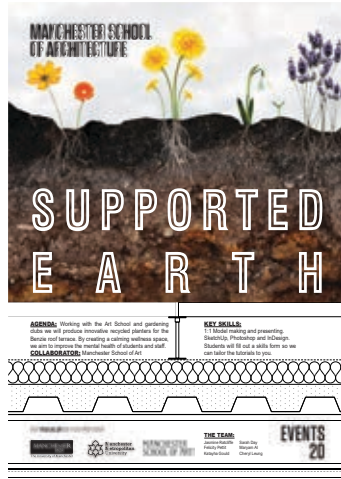
EVENTS 20

GROUP 04
 Chorlton Re-Use

EVENTS



GROUP 09
Dream for Circus



GROUP 10
Supported Earth



GROUP 11
Human Narrative



GROUP 12
The Right Space



GROUP 13
Re-imagine Accra



GROUP 14
Centre Stage



GROUP 15
Re:Think Bradford

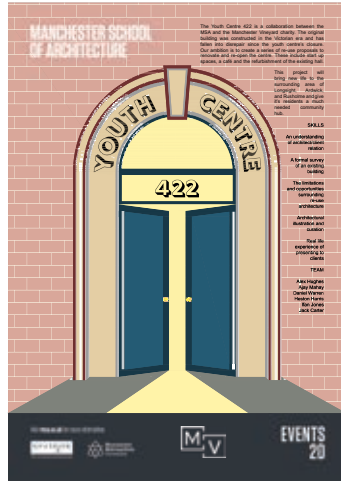


GROUP 16
Victorian High-tech Church Roof

EVENTS



GROUP 17
Carbon Housing Retrofit



GROUP 18
Youth Centre



GROUP 19
Town Hall in the Making



GROUP 20
Revitalising the Town Hall



GROUP 21
 Make Shape Discover



GROUP 22
 New Topia



GROUP 23
 Digital Den



GROUP 24
 How Woman Build

EVENTS



GROUP 25
The Chronicles of 42nd Street



GROUP 26
Ready Set Go



GROUP 27
Trees, Not Cars



GROUP 28
SpinSpace



GROUP 29
Young Rogues Exhibition



GROUP 30
Botanical Blueprint



GROUP 31
Rising Architects

RESEARCH 1 - METHODS

Research 1 - Methods

The unit Research 1 - Methods offers an opportunity for students to explore techniques and processes that inform design as a spatial practice. The course develops methodological capability consistent with the discipline of design production and students are encouraged to develop the subject of their enquiry in parallel with their interests, career aspirations and the content of studio units. The subject chosen will reflect the symbiosis between design practice and theory, and allow for scholarship within individual specialisms to be placed within a deeper understanding of architecture as a whole.

This year students were given the choice of 11 electives

RM1 Arch. Land. Infra. Destination Runcorn: The Architecture and Landscape of New Towns

RM2 Accra Futurism

RM3 Transdisciplinary Urbanism_Infrastructures

RM4 Climate Resilient Design

RM5 Filmic Architecture V

RM6 The Age of MTV: Media, Urban Culture and Identity (1981-1992)

RM7 Remember Reveal Construct

RM8 Archives of (Energy) Transition

RM9 Unceasing Walk

RM10 L.(O.O.P) Live (Or Other Possibilities)

RM11 Prefigurative Architectures: The Making and Politics of Urban Infrastructures

RESEARCH 1 - METHODS

Arch.Land.Infra.

Staff

Laura Coucill, Luca Csepely-Knorr

Guests

Richard Brook, Victoria Jolley, Janina Gosseye (ETH Zurich), Michala Hulme (MCPHH)

Students

Aifa Binti Muthuraman, Alexander Hughes, Cezara Misca, Hayden Webster, Jack Carter, Joseph James Copley, Liam Kristian Costain, Lucy Hannah Woodward, Motunrayo Oluwatumininu Soyannwo, Sally Lofthouse, Silvio Lussana, Sophie Chappel, Sung Jie Koh, Szymon Konrad Milczarek, Tamaru Mona, Wang Xinbo, Yeside Anuoluwatobi Sobowal

industrialisation of the nineteenth century to provide a considered spatial solution to population growth, employment and industry, recreation and transport as part of a broader objective to modernise society and its underpinning infrastructure.

This year, JMCE funding was secured to support a lecture and workshop from Janina Gosseye (ETH Zurich) who, through her archival research on Runcorn New Town, presented a European perspective on the UK New Towns Programme. Michala Hulme, an Historian based at the Manchester Centre for Public History & Heritage, gave a detailed introduction to oral history interviewing and analysis which supported live engagement with communities in each of the towns and with surviving architects and landscape architects to uncover insights into the relationship between design intentions and the lived experiences of post-war New Towns. Analysis took creative forms building on design skills to represent research findings in the form of diagrams, maps, drawings and models. A number of students developed their research further through their dissertation topics and a digital exhibition of the work is planned in connection with The Modernist Society, later this year.

Arch.Land.Infra. runs alongside the Post-War Infrastructure Research Network at MSA coordinated by Richard Brook, Laura Coucill and Luca Csepely-Knorr. Through archival research, combined with oral histories and design analysis techniques, this year, the workshop produced case studies of Warrington, Skelmersdale, Telford and Redditch New Towns.

The New Towns programme reflected the spirit of optimism and social reconstruction following WWII. Predicated on the ideals of Howard's Garden City (1898, republished 1902) and developed through Abercrombie's Greater London Plan (1944), the New Towns programme designated areas for planned development that avoided the unplanned rapid



RESEARCH 1 - METHODS

Accra Futurism

Staff

Dr Łukasz Stanek

Guests

Prof. Ola Uduku, Dr Ransford Antwi, Acheampong, Dr Gail Millin-Chalabi, Adam Przywara

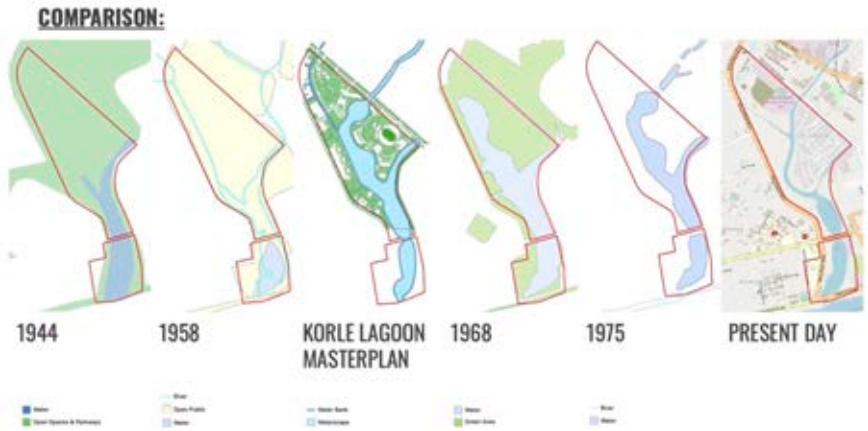
Students

Adil Mulk, Ariel Helen Chesley, Callum Plumb, David Faminu, Emma Lewis, Grace Jing Yuan Yu, Heston Harris, Julia Arska, Laura Gabriela Toth, Megha Paudyal, Michael Williams, Niall Coleman, Wojciech Jankowski

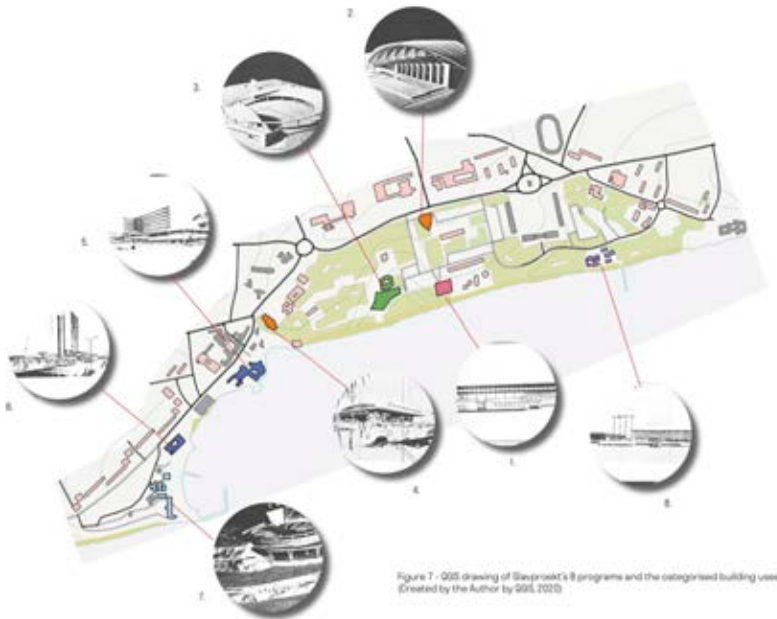
This course combined archival research and the use of digital tools, in particular GIS (Geographic Information System), in order to map a unique moment in African architecture: the explosion of architectural production and urban imagination during the first decade of Ghana's independence (1957-1967). A privileged site for studying these competing imaginations is the waterfront of Accra, from the Korle Lagoon to Labadi. The settlements at the seashore were the oldest in the city, and they include the historical colonial settlements and forts (Usshertown, Jamestown, Osu) which were developed, rethought, reframed, and re-appropriated after Ghana's independence. It was at the shore, or in its vicinity, that new spaces of representation of the new state were planned and, sometimes, constructed, including the Black Star Square, the redeveloped Osu Castle, and the International Trade Fair. These and other ensembles resulted in the creation of public spaces, spaces of for education, culture, socialisation, and leisure where the image of the new Ghanaian citizen was projected.



Julia Arska & Ariel Chesley



Emma Lewis and Grace Yu



Megha Paudyal and Niall Coleman

RESEARCH 1 - METHODS

Transdisciplinary Urbanism_Infrastructures

Staff

Deljana Iossifova, Ulysses Sengupta

Guests

Dr Julia King (LSE/Central St Martins),
Debarpiya Charabarti

Students

Abigail Colder, Andrea Gabriela Nobrega,
Celia Brearley, Chen Yirui, Dalia Qistina Binti
Mohammad Nasaruddin, Holly Rhiann Partlett,
Laura Lapadat, Liu Jinyu, Maryam Al-Irhayim,
Okpetere Sagay, Seenam Seenam, Thomas
Owain Register, Hiu Tung Wong, Xie Siyu,
Xinchen Yang, Zhao Yimeng

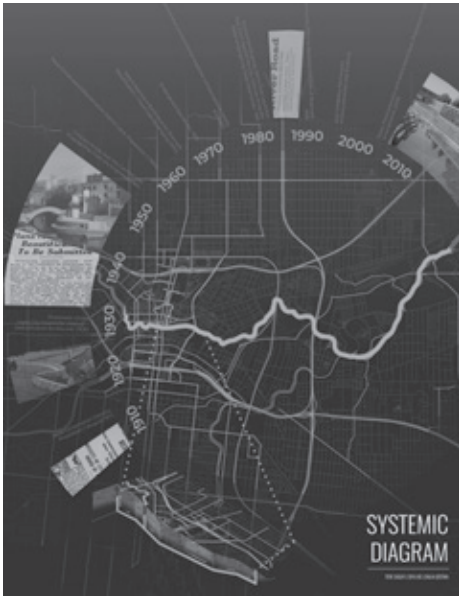
rooted in a deeper understanding of urban processes (and related concepts, such as development, distribution or poverty) and begin to recognise the implications of and for their work as designers.

The course is structured in two interrelated and overlapping parts: (A) studying individual interaction with infrastructure to understand its socio-eco-technical nature through an analysis of current and past everyday practices in order to (B) uncover their embeddedness in larger political, economic or otherwise defined systems and frameworks.

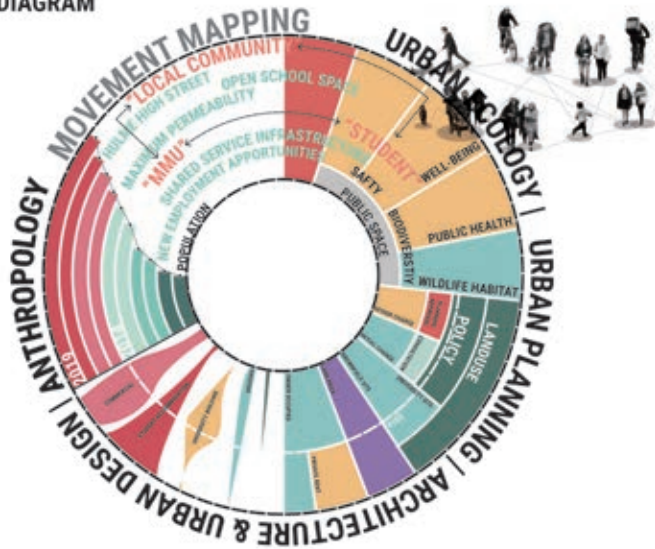
Image: Abigail Colder, practice diary and analysis

This course is tightly linked with two ongoing research projects on sustainable infrastructure in Shanghai (China), Mumbai (India) and São Paulo (Brazil). The objective of this course is to develop critical spatial practice that recognises and addresses its normative aspects. It teaches students how to draw on research in their design process. Equal emphasis is placed on the processes of research, writing and representation.

Through the lens of infrastructure, students develop an understanding of the ways in which spatial interventions can affect people and livelihoods. They are challenged to see, understand and articulate the interlinkages of processes across spatial scales, from individual everyday practices to transnational financial flows. They formulate their position



SYSTEMETIC DIAGRAM



RESEARCH 1 - METHODS

Climate Resilient Design

Staff

Dr Angela Connelly

Guests

Ian McHugh

Students

Mila, Brent William Haynes, Cheryl Jade Leung, Cheuk Ki Ma, Felicity Pettit, Francis Croll, Hamza Khan, Hannah O'Neill, Hyda Davis, James Robinson, Laurence Culliford, Lok Yiu Ashley Cheung, Natalie Man Sum Chan, Thomas Charles Keen, Vickie Tang, Yashovardhan Sharma

Extreme weather events, such as Hurricane Sandy, have taught us that our existing buildings and infrastructure are ill-equipped to face the mounting climate change challenge. Practitioners and policymakers are encouraged to make our towns and cities more resilient to these challenges. This workshop introduces students to theories around resilience and how these may be applied in design practice. Students worked in groups to use different types of open data to understand the physical and social characteristics of their chosen neighbourhood in Greater Manchester. Based on this understanding, students proposed a range of interventions to make that neighbourhood and its inhabitants resilient to floods or heatwave in ways that are sensitive to existing social vulnerabilities.

REDUCING THE IMPACT OF HEATWAVES USING SOCIAL INFRASTRUCTURE AND NETWORKING IN WITHINGTON.

GROUP 1: TOM KEEN, ANIELA MIGASLUK, VICKIE TANG, HYDA DAVIS



MAKING USE OF MULTI MEDIA



01 To ensure people have access to this questionnaire, it is to be made available to residents of the Withington area through a variety of multi-media. As currently, elderly people are not proficient with both commercial and services and may not have access to such devices, the questionnaire is to be available on website and post. It should be available online with use of a PC and/or smart phone. This media ensures maximum participation throughout Withington to guarantee that the most vulnerable receive appropriate care.



02



03



04



05

ADAPTING PUBLIC SERVICE BUILDINGS



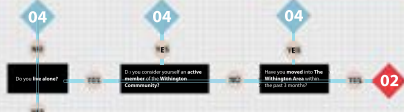
Public service buildings such as libraries, town centres and schools, are well suited to being temporary and makeshift hot locations for locals to use in necessary during a heatwave. Re-opening of buildings for use in these ways of these locations in the form of an alternative service, a personalised computer or phone call will also be sent out to each household concerning the location of their A&E Centre.



PROJECTED MAXIMUM SURFACE TEMPERATURES IN GREATER MANCHESTER FOR THE 2080'S

It is clear that through climate change, heatwaves in the UK are going to become more and more frequent. The best way to stay protected to heatwaves is to adopt a community. The most socially responsible people within a community are the most vulnerable to heatwaves. The solution lies in creating a community spirit and ensures the most vulnerable to heatwaves receive the most help. Residents of Withington should be sent a survey related questionnaire which is designed to categorise them in terms of vulnerability to a potential heatwave. Each category is accompanied with a personalised response, the most vulnerable category receives the most support including a daily check-in during a heatwave and the least receive a short-term and direct phone advice staying safe in a heatwave (covered in the briefing notes). It should be noted that this is a very old article scheme and although tried in the Withington area, it is rarely successful to reach larger communities too.

CATEGORISATION & PERSONALISATION



CATEGORISATION FLOW CHART ALGORITHM

WITHINGTON AID LOCATIONS

ST. PAUL C of E PRIMARY SCHOOL
Address: 6 Park Road, Withington, Manchester, M20 4PG
Capacity: 315 People
Nearest Bus Stop: Withington St. Pauls Station

WITHINGTON LIBRARY
Address: 410 Winslow Road, Withington, Manchester, M20 3BD
Capacity: 120 People
Nearest Bus Stop: Withington Library Station

LADYBARN PARK
Address: Burnage Lane, Withington, Manchester, M20 0XA
Capacity: 1000+ People
Nearest Bus Stop: Ladybarn Park Station

LADYBARN COMMUNITY HUB
Address: Royal Street, Withington, Manchester, M14 6RN
Capacity: 162 People
Nearest Bus Stop: Ladybarn Lane Station

LADYBARN PRIMARY SCHOOL
Address: Burnage Road, Withington, Manchester, M20 4JH
Capacity: 480 People
Nearest Bus Stop: Burnage Road Station

MAULDETH ROAD PRIMARY SCHOOL
Address: Mauldeth Road, Withington, Manchester, M20 4SQ
Capacity: 480 People
Nearest Bus Stop: Mauldeth Road Rail Station

KINGSWOOD PARK
Address: Kingwood Road, Withington, Manchester, M14 6GG
Capacity: 1000+ People
Nearest Bus Stop: Kingwood Road Station



Aid Centre locations are tactically selected depending on location and size on the each household in within a radius of at least one kilometre. The public service building will be partially or used by a charity member or volunteer in a suitable location depending on support, advice and in extreme cases, aid for anyone who is below it.

RESEARCH 1 - METHODS

Filmic Architecture V - Spatial Genre

Staff

Dr Ray Lucas

Guests

Simon Mitchell

Students

Abigail March, Helda Iulia Lup, Iat Hei Chan, Joseph Christopher Kelleher, Li Linyu, Liao Yitian, Lin Shitian, Lu Hui, Panagiotis Kapositas, Patrick Millar, Quadri Shogunle-Aregbesola, Raluca Sisu, Supriya Maruti Jagtap, Shaw Ian Labrianidis-Kenny, Wang Yuehao, Tsz Ching Wong, Yoon Chan Nam, Zohir Foukroun

Filmic Architecture returned for a fifth iteration, with a discussion of genre at its heart. The participants in the workshop each selected a director whose work resonated with them in some way and conducted a series of notational and diagrammatic investigations to develop a visual language around the films. The focus for this was genre, the codes embedded in a particular grouping of films, such as science-fiction, western, rom-com, or animation.

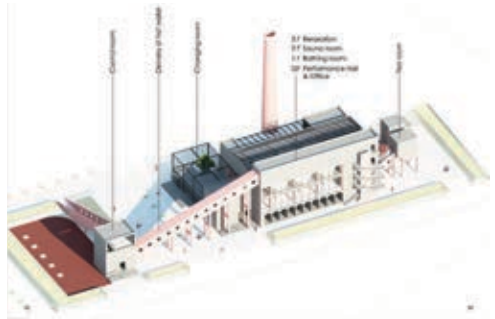
Each student designed a house for their chosen director based on this analysis, interpreting the idea of the house as loosely as possible, so one might choose to design a bath-house retreat, a love hotel, or even a series of pavilions. The aim is to translate the filmic language of the director into architecture; exploiting the connections between cinema and architecture.

We hired a cinema at HOME, Manchester's centre for contemporary theatre, film, art and music to hold a viewing at the end of the workshop, celebrating the work on the big screen.

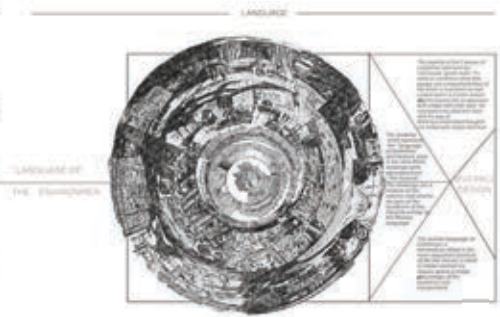
The list of films and participants is as follows:

Iathei Chen's House for Stanley Kubrick
 Linyu Li's Bath for Yasujiro Ozu
 Zohir Foukrun's House for Quentin Tarantino
 Supriya Jagtap's House for Spike Jonze
 Panagiotis Kapositas' House for Yorgos Lanthimos
 Yitian Lao's Love Hotel for Makoto Shinkai
 Joseph Kelleher's House for Nick Park
 Shaw Labrianidis-Kenny's House for Christopher Nolan
 Hui Lu's House for Nadine Labaki
 Iulia Lup's House for Stephen Spielberg
 Abigail March's Space for David Fincher
 Patrick Miller's House for Nicholas Winding Refn
 Yoon Nam's House for the Wachowskis
 Shitian Lin's House for Shunji Iwai
 Quadri Shogunle Aregbesola's House for Mamoru Hosada
 Raluca Sisu's House for Wes Anderson
 Tsz Ching Wong's House for Makoto Shinkai
 Yuehao Wang's House for Kaige Chen

A selection of the films will be available at:
<https://distractedattention.wordpress.com>



SPATIAL BREAKDOWN & ANALYSIS



RESEARCH 1 - METHODS

The Age of MTV: Media, Urban Culture and Identity [1981-1992]

Staff

Dr. Léa-Catherine Szacka

Guests

Dr. Torsten Lange (ETH, Zurich), Ivan L. Munuera (Princeton University), Dr. Joaquim Moreno (Universidade Autonoma de Lisboa), Dr. Elsa Devienne (University of Northumbria), Dr. Catharine Rossi (Kingston University), Dave Haslam, David Johnson

Students

Aliaksei Tsikhanchuk , Aslan Lewis , Charlotte De Moor, Chen Menghan , Chiara Martinelli, Claire Ainsworth , Cristian Dubina , Daniel Steel , Emily Hagger, Kelly-Louise Ward, Lorenzo La Magna Zimmermann, Ma Wenjing , Rachael Louise Aylward-Jones, Samuel Ejaye-Uzhiokia Okoh , Sara Hakkou, Tang Qinyi, Valentine Lezius De Seynes

a range of themes and ideas – such as the bridging of high art and popular (low) culture; the 24 hour cycle and the end of sleep; the culture of individualism; the loss of authenticity and the omnipresence of simulacrum; questions of gender and alterity; the importance of style over substance; the celebration of youth and impermanence; the aesthetic of dreams and discontinuity; the end of metanarratives; the use and inhabitation of fragmented Space - that emerged from 1980s art and popular culture and to trace their influence on and relevance for current architecture culture.

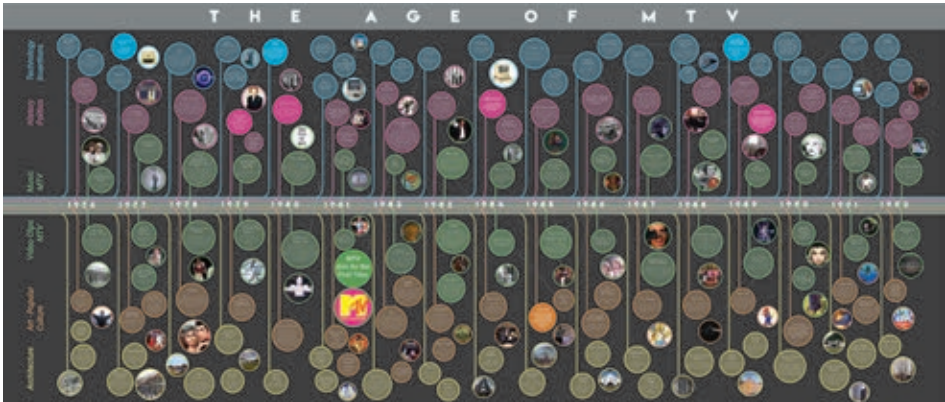
Image 1 – Time line by Aliaksei Tsikhanchuk, Aslan Lewis, Chen Menghan, Chiara Martinelli, Claire Ainsworth, Cristian Dubina, Daniel Steel, Emily Hagger, Kelly-Louise Ward, Lorenzo La Magna Zimmermann, Ma Wenjing, Rachael Louise Aylward-Jones, Samuel Ejaye-Uzhiokia Okoh, Sara Hakkou, Tang Qinyi, Valentine Lezius De Seynes

Image 2 – by Lorenzo La Magna Zimmermann and Daniel Steel

Image 3 – by Valentine Lezius De Seynes and Chiara Martinelli

When appearing in August 1981, the cable network Music Television (MTV) ushered in a true revolution characterised by the domestication of entertainment and a shift from a focus on public and collective spaces to the private and the domestic. MTV forever changed the global TV landscape, while reshaping music culture, visual culture, popular culture and, more importantly, youth culture.

Taking the history of MTV in its golden era (1981-1992) as a departure point, this workshop aims to introduce students to



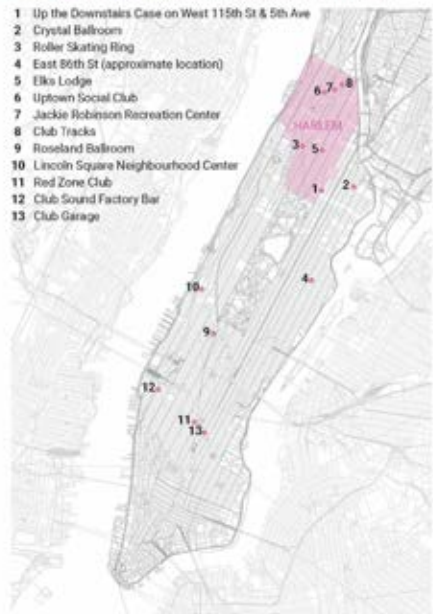
Time line by

Aliaksei Tsikhanchuk, Aslan Lewis, Chen Menghan, Chiara Martinelli, Claire Ainsworth, Cristian Dubina, Daniel Steel, Emily Hagger, Kelly Louise Ward, Lorenzo La Magna Zimmermann, Ma Wenjing, Rachael Louise Aylward Jones, Samuel Ejaye Uzhiok a Okoh, Sara Hakkou, Tang Qinyi, Valentine Lezius De Seynes



Valentine Lezius De Seynes and Chiara Martinelli

Mapping The Balls Locations Within New York City (1980's)



Lorenzo La Magna Zimmermann and Daniel Steel

RESEARCH 1 - METHODS

Remember Reveal Construct

Staff

Sally Stone, Laura Sanderson, Daniel Kirkby, Vanessa Tori

Students

Ajay Mahay, Alex Williams, Alice Josefa Bell, Andrius Ovsuikas, Angus Riddell, Chen Yan, Cho Yee Jason Cheung, Christopher Mcmanigan, Daniel Warren, Eleanor Strange, Irena Renata Dewi, Jamie Boardman, Jiao Xie, Lyu Mangting, Robert Joseph Cameron Clarke, Siti Nur Syahirah Binti Shukri, Su Junjie

1993); Centro de Lazer Fábrica da Pompéia (Lina Bo Bardi, 1982); Universita Luigi Bocconi (Grafton Architects, 2008); Red House (Tony Fretton, 2001); Jazz Campus (Buol & Zünd, 2014); The MAC (Hall McKnight, 2013); Renovation of Captains House (Vector Architects, 2017); and Warrandyte Police Station (Kerstin Thompson Architects, 2007).

This research-through-modelmaking project investigated the relationship between context and building, studied how this can generate architectural difference, explored how contemporary architectural design can exploit this disparity, considered how this can be scrutinised through modelmaking, and revealed the findings through a collection of rigorously researched and methodically developed, beautifully constructed models.

The interpretive models were exhibited in the Benzie Gallery, and will be published as an integral element within the forthcoming publication, *Remember Reveal Construct: Reflections upon the Contingency, Usefulness and Emotional Resonance of Architecture, Buildings and Context* (Sanderson & Stone, Routledge 2021).

The buildings explored through the workshop were: The Prada Foundation (OMA Architects, 2015); Munster City Library (Bolles Wilson,



RESEARCH 1 - METHODS

Archives of (Energy) Transition

Staff

Dr. Kim Förster

Guests

John Duggart OBE, Tim Skelton (Chair of MK Forum), Dr. Anne Kockelkorn (ETH Zurich), Tomislav Medak (University of Coventry)

Students

Anna Charlotte Rezin, Henry George Baker, Hu Tianyuan, Isabella Kate Kendrick-Jones, Joshua Michael Quinlan, Karl Leung, Lok Kan Katie Au, Nuojun Lin, Ovidija Zemaityte, Patrick Charles Davies, Pek Kwan Soo, Thandokazi Vuyokazi Zitumane, Wen Tianyi, Ka Hei Wong

current transitionings, in the plural, as one of the biggest challenges we are facing today, much needed and, after all, inevitable. The workshop encompassed in-class discussions of readings, individual and team projects on past and present case studies, and a field trip to Milton Keynes, one of the key planning sites in the UK, where alternative energy projects were experimented with, institutionalized, implemented and eventually commodified.

In the context of anthropogenic climate change and global heating, there has been renewed talk about transitioning to alternative energy sources and new ways of living, which includes designing and building. Historically, energy transition, understood as, the 'the gradual shift from a specific pattern of energy provision to a new state of an energy system' (Vaclav Smil), has been at the base of modernization since the invention of the steam engine. This research methods workshop entered into archives of (energy) transition in various respects at different points in time: 1- past transitions of the 19th and early 20th century understood as the modern development towards a new energy system; 2 - the transition towards renewable energy as a project of the 1970s and 80s, both critical and emancipatory; and 3 - the imperative for



RESEARCH 1 - METHODS

Unceasing walk – researching the city from within

Staff

Dr. Cagri Sanliturk

Guest

Dr. Morag Rose

Students

Amanda Jia Yun Chua, Angharad Jones, Areeje Sherlallah, Bismah Zafar, Eva Cheung, Emily Cheung, Flora Wei See Teng, Freya Cooper Williams, Harry Westwood, Jemima Osborne, Jessica Amelia Ward, Jingrui Wang, Kaja Marta Sandura, Muhamad Adha Bin Salim, Philippa Jane Humphries, Sandra Ioana Rotarescu, Sonia Manxia Balaguru

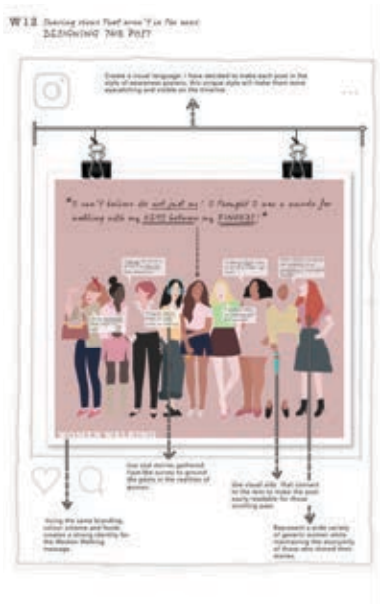
research methods (mapping, drawing, graphic novel, interviews, surveys, performances and story telling) in order to map out the policies, practices, and physical artefacts used by policy makers, planners, developers, real estates, community activists and others (power/ resistance) in order to understand the line that divides people in the cities. Unceasing Walk investigates the role of architects in a context where people are constantly transforming, resisting and negotiating in order to answer the question: How can art/architectural/urban design methodologies play a role in these increasingly critical situations?

Through investigating different notions of power, this Unceasing Walk focuses on ideas and practices that create exclusion/inclusion in cities. The aim of the workshop is to research how architects and urban designers can deploy design methods and methodologies to meet the needs and aspirations of different groups of people. We will use various methodologies such as feminist methodologies, critical theories, active research methodologies and transdisciplinary methodologies in order to reflect on rather than objectify exclusion and inclusion in cities; we will not aim to prove a hypothesis nor prescribe a particular methodology or solution to a problem, but to offer self-reflective thinking that aims to address the problems in cities. The main focus of the workshop is to use different design



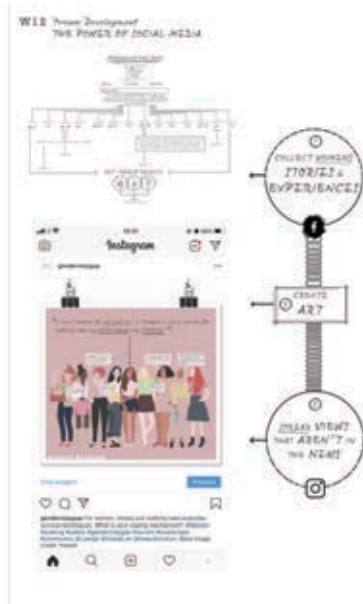
Sonia Mancxia

The little Window: A research project on the inclusion and exclusion in the city



Phlipa Humphries

Gender Step Gap: What role does the city have in shaping the experience of the women who walk through it?



RESEARCH 1 - METHODS

L.(O.O.P) Live (Or Other Possibilities)

Staff

Stephen McCusker

Guests

David Bryan, Bridget Collin, James Cragg,
Louise Watson, Dean Whiteside

Collaborator

Manchester Museums

Students

Anya Hristova Tineva, Aron Mitchel Lewer, Ge
Tiantian, Gei Ga Wong, Ifan Jones, Jasmine
Ratcliffe, Katayha Marie Gould, Luke Richards,
Chor Yu Ma, Martha Daisy Mead Hiles,
Matthew Crossley, Michael Rostock, Natasha
Blows, Pan Shuo, Patricia Belcin, Sarah Day,
Xiao Junfu, Zhong Haocheng

This year we collaborated on a design commission with Manchester Museum to develop a new approach to their public shop, a modest project in scale but a critical part of their business plan and income generation within the larger refurbishment of their listed premises. Their team have seen last year's outputs and are keen to work with students on developing a new shop installation: "We have been very, very impressed with the standard of work that the students have produced and in a very short amount of time. Their commitment to the project has been excellent, and their level of knowledge impressive. We have all been surprised that the students were so professional and their ideas and concepts so well-developed"

L.(O.O.P.) is a live research vehicle realising projects from practice guided & student-led engagement with partners from beyond our educational establishment.

Our co-operative approach does not simulate architectural practice but instead immerses the students in a real practice scenario comparable to experience in architectural practice. This has input from a practising architect to inform dialogue with a real client and budget; we expose the students to manufacturing, testing and production of something tangible and useable – not a theoretical, temporary installation.



Reflective postcards on the collaborative process



Extract from VR model for the proposed Museum shop

RESEARCH 1 - METHODS

Prefigurative architectures: The making and politics of urban infrastructures

Staff

Dr. Leandro Minuchin

Guests

TreesNotCars

Students

Alin Pal, Andreas Maragakis, Ankur Gautam, Elise Omome Akioya Colley, Jad Choucair, Jo Lynn Tan, Kieron O'Sullivan, Kiran Milton, Leo Lima, Yuet Wah Poon, Reiji Alexander Nagaoka, Solomon Adebiji, Sunny Subhash Jagtap, Zakaria Islam

infrastructural interventions that sought to prefigure other ways of producing urban space. This year we teamed up with a Manchester campaign group, TreesNotCars, to develop alternative proposals to oppose the Council's master plan for a former retail park in Ancoats. The involvement allowed us to understand the workings and consequences of the accelerated financialisation of housing in Manchester and the emergence of novel forms of infrastructural struggles in the city.

Urbanisation, in its contemporary iteration, has become inextricably associated with the varied and conflictive infrastructural processes that are transforming the earth. From logistics hubs and extractive zones to improvised sanitary solutions and expansive peripheral settlements - private and popular infrastructures are radically altering environmental dynamics and territorial formations. The construction, distribution and access to these socio-technical mediums delimit a domain of contestation that – despite shaping the rhythms of city life – cannot be fully contained or organised through municipal or metropolitan institutions. The struggles surrounding the construction of everyday infrastructural networks does not only enrol community organisations, social movements and local and national state agencies, they also involve transnational construction and developing firms, hedge-funds and financial institutions. The workshop set out to examine collective

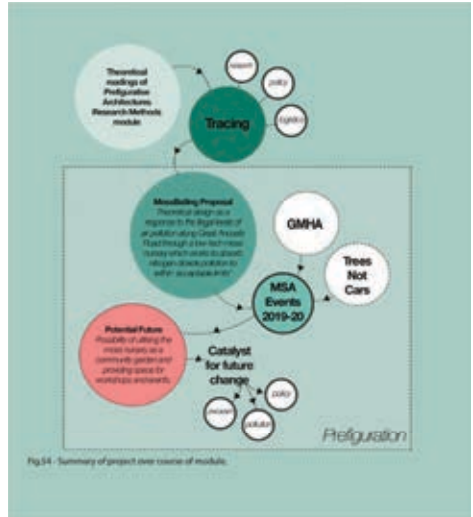
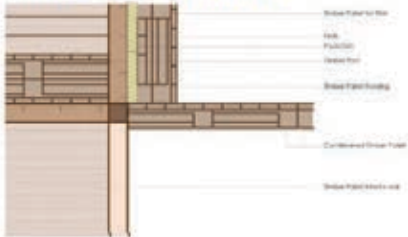
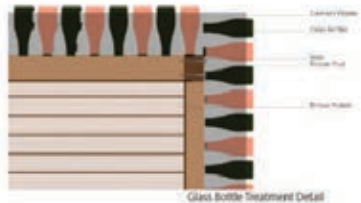


Fig 54 - Summary of project development course of modules.

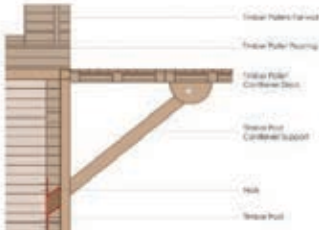
Construction Details



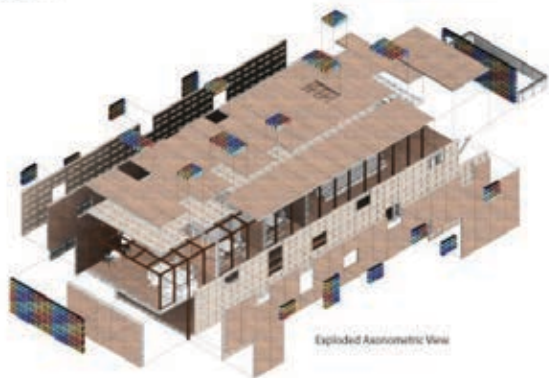
Wall Detail



Glass Bottle Treatment Detail



Cantilever Deck Detail



Exploded Axonometric View

RESEARCH 2 - DISSERTATION

Dissertation Lead

Dr Ray Lucas

Supervisors

Helen Aston, Siobhan Barry, Dave Carter, Angela Connelly, Laura Coucill, Emily Crompton, Luca Csepely-Knorr, Bertie Dockerill, Dan Dubowitz, Kim Förster, Nick Green, Mark Hammond, Karsten Huneck, Deljana Iossifova, Victoria Jolley, Vikram Kaushal, Luciana Lang, John Lee, Alan Lewis, Stephen McCusker, Leandro Minuchin, Richard Morton, Kasia Nawratek Sarah Renshaw, Cagri Sanliturk, Ulysses Sengupta, Lukasz Stanek, Matthew Steele, Lea-Catherine Szacka, Ola Uduku, Hannah Wadle, Stephen Walker, Albená Yaneva

Although often considered solely as a design discipline, the wider intellectual tradition of architecture remains important to the discipline. The Research units in the MArch are key to our students' development of their own agendas: defining what they are concerned with as future architects. Students are given space to develop their positions towards the built environment and aided in articulating this fully. Students are asked to develop their own research questions, and to position themselves regarding the existing literature as well as engaging in archival research, field work, or interviews.

The dissertation trains students in rigorous academic discourse, framing their arguments within wider debates and constructing arguments in an orderly fashion. The aim is to produce a consistent piece of research based on the appropriate methodologies. Students are matched with supervisors who can advise

on the content, methodology, and practicalities of their research. Connecting architecture with other fields of study is one important part of the dissertation at MSA. Students can address topics including but not limited to historical aspects of architecture and how they intersect with political and economic conditions; materials, technology, and sustainability through their social impact; understanding the psychological impact of buildings on their inhabitants; variations of how architecture is practiced, its contemporary realities and propositions for its future; or how the aesthetics of other forms of creative practice might inform or be informed by architecture.

The dissertation is taught as a programme of lectures on research methods followed by focused individual & small group tutorials. Staff from across the MSA are involved in the supervision of the dissertation, connecting students directly with tutors who have relevant research interests.

The dissertation is completed as a requirement for the Part II RIBA examination, and conforms to the ARB criteria. The investigations made by students in their dissertations often drive subsequent design and research projects, both in education and practice.



Michael Rostock - Aftermath - living with the ruins of Italian Fascism



Figure 22 Illustrated by Sonia Mancxia to show the life in a courtyard. There is a two-way engagement - inside-out and outside-in. Inside the courtyard, plants grow, children play and we observe the outside world from within. However, the sunsets in return, enters the space through rain, light and shadow.



"I looked high and low, both told different story."



"Just a picture of me holding the infamous Malaysian fruit."

Sonia Mancxia Balaguru - Defining poetics - A dialogue between Western Theories and the Asian philosophies in the intimate spaces of George Town



Fig 14 - St Joseph's in Blackburn. Image of nave showing the roof light.
Source: Bennett (no date)

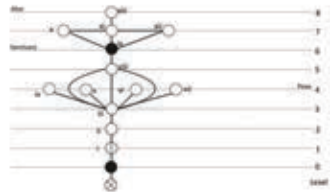


Fig 16 - Space syntax diagram of St Anne's church, Ancaster. Showing a fan seating arrangement. Source: Author's own diagram



Fig 15 - St Anne's, Ancaster. Image of sanctuary showing the altar and lighting.
Source: Bennett (2007)

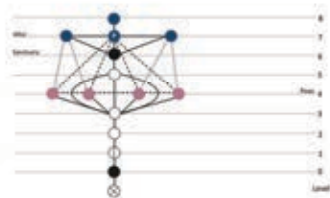
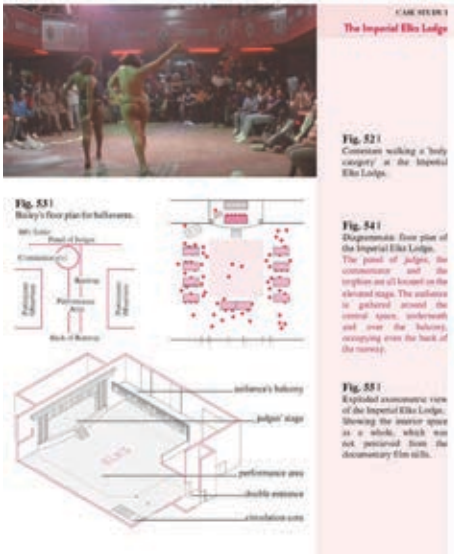


Fig 17 - Annotated space syntax diagram for St Anne church, Ancaster. Showing proximity of clergy and laity.
Source: Author's own diagram

Jemima Osborne - Power in Catholic Church Architecture



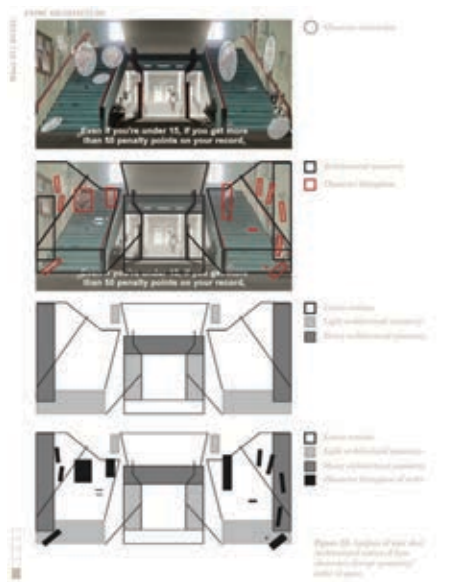
Lorenzo La Magna Zimmerman - Spatial analysis of queer black ballroom competition at the Imperial Elks Lodge in Paris is Burning



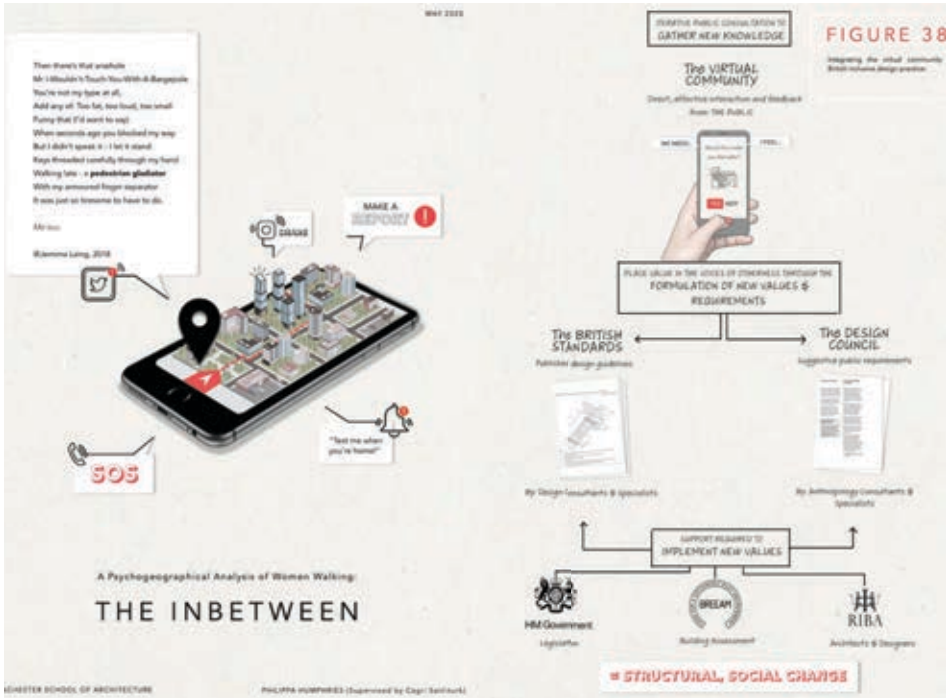
Lorenzo La Magna Zimmerman - Mapping the Masquerade balls of New York



David Baraev - Master Plan of Tashkent



Quadri Shogunle Aregbesola - Anime Architecture



Philippa Humphries - A Psychogeographical analysis of woman walking - The Inbetween

PROFESSIONAL STUDIES 3

Staff

Rob Hyde, John Hickey

Guests

Harry Rich (Ex RIBA CEO), Sarah Holt (ARB), Sean Hogan (ARB), Simon Foxell (The Architects Practice), Brian Johnson (Former Chairman of AHR/AEDAS), Vince Nacey (Mirza+Nacey Research & The Fees Bureau), Mike Ryan (Futurist), John Worthington (DEGW Co-Founder/ Edge), Carys Rowland (RIBA), Paul Iddon (Agency Spring), Ken Moth (ex-BDP), Chris Booth (McKellens), G. Tittley (Member European Parliament), Rion Willard (Business of Architecture), Robert Festenstein (RHF Solicitors), Chris Boyce (Assorted Skills & Talents), Paul Bukeley (Snug), Prof. Peter Folkman (Manchester Business School), Simon Merry (Berthold Bauer), Jane Duncan (Jane Dunacan Architects and Interiors), Matthew Hill (ManMet Estates), Prof. John Cole, John Edwards (Laing O'Rourke), Rob Hearne (AHMM), Mauro Bergio (Bryden Wood Associates), Wayne Timperley (Manchester City Council Building Control), Richard Hartless (BRE Academy), Colin Haylock (Haylock Planning & Design), David Kaiserman (TRA Consulting), David Maher (Greater Manchester Police), Jude Children (Cursus Archaeology), Rob Cowan (Urban Design Skills), Sarah Stansfield (Trafford Council), Jane Simpson (Jane Simpson Access), John Miles (Butler & Young), Paul Bussey (AHMM), Simon Lay (Olsson Fire & Risk), Gordon Gibb (Gibb Architects), William Ibram (Capita Tozer Gallagher), Katie Saunders (Trowers & Hamlins), Ken Bishop (JLL), Dean Gormley (Irwin Mitchell), Alistair Kell (BDP), Alan Lewis (Irwin Mitchell), Jonathan Foy (Auxilium) Mark

Platt (Laing O' Rourke), Reece Singleton (Laing O' Rourke), Michael Dunn (Rex Proctor), Nigel Ostime (Hawkins\Brown), Tomas Millar (MHP), Alan Eyre (Towergate Insurance), Alison Mackinder (RIBA), David Hughes (ex-Pozzoni), Lisa Raynes (Pride Rd), Sarah Harrison (Harrison Stringfellow), Plamena Yotova (Debtal Architects), Alice Parker (Pozzoni), Zoe Hooton (HPA), Billy Hodge (DV Architects), Davis Watkins (Brock Carmichael)

Professional Studies appears across our courses and steadily prepares our students for the expected and unexpected encounters and experiences of architectural practice and the construction sector. In the BA (Hons) this is addressed through the Humanities strand, that asks about the historic and contemporary role of the architect and considers the manifold tasks that architects undertake. In MArch 1, two studio projects, PS1 and PS2, directly address two of the most salient issues of today, namely housing and building re-use. These projects are directed through the atelier system and engage with all of the statute, policy and guidance involved in designing buildings that are energy efficient, environmentally responsive and ecologically sound whilst considerate of other social and cultural factors informing their development.

In PS3 2019-20, we refocused the brief to respond to new challenges but always facilitating emergent thinking to develop mindsets, skillsets and toolsets through both independent learning and collaboration for collective intelligence, while encouraging a wide range of responses from the traditional to the radical. We began the year with a series of questions and statements to enable

the students to understand the diversity of practices associated with the field of architecture.

We asked the 160 final year MArch students to self-organise into 13 proto-practice groups mixing atelier cultures to create unique synergies in order to focus on enquiry and problem-based learning, evidence-based decision-making and designed solutions to the wicked problems we face. Reflecting on their studio projects to date, the groups were tasked to produce reports and undertake presentations to industry. Individual work was founded on these reports and asked for reflections in the form of a Think Piece on future scenarios, a SWOT analysis of career trajectories into scenarios and a letter of advice to future students.

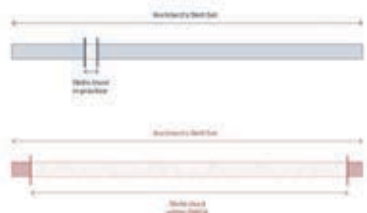
We held a symposium, Achieving Quality in Construction, chaired by Jane Duncan (Past President, RIBA) including architects, clients, estate managers, developers, contractors, manufacturers, approved inspectors, sustainability experts and futurists. We also strengthened our partnership with RIBA by arranging our students' participation with the Guerilla Tactics conference. We embraced networked learning and welcomed 70+ experts from all over the world making manifest communities of inquiry and practice to create a reflective knowledge exchange forum. This enabled the transfer of tacit knowledge through discourse and encouraged the questioning of contemporary and future definitions of professionalism in relation to architecture. In so doing, we acknowledged the ever evolving contemporary fields of dissolving professional boundaries within the rapidly changing disruptive contexts of complexity and contradiction.

We facilitated a dialogue on adaptability between the orthodoxy of conventional architectural production and unorthodox alternatives at both the core and edges of the property, construction and creative industries. We explored diverse current and future forms of practice and engagement including collaboration, association, multi- and inter-disciplinary, systems design, digital fabrication, construction, development and research. We enabled focus on a range of contemporary challenges to architectural production, amongst them were design quality, ethics, value, fees, productivity, conservation, robotics and AI, the internet of things, design for mass assembly, off-site fabrication and the proliferation of data.

All in all, we seek to provide a foundation for a professional career that is underpinned by a capacity to be adaptable, resilient and imaginative in the face of rapidly shifting political, cultural, ecological and economic contexts.



TWELVE +



GMDA



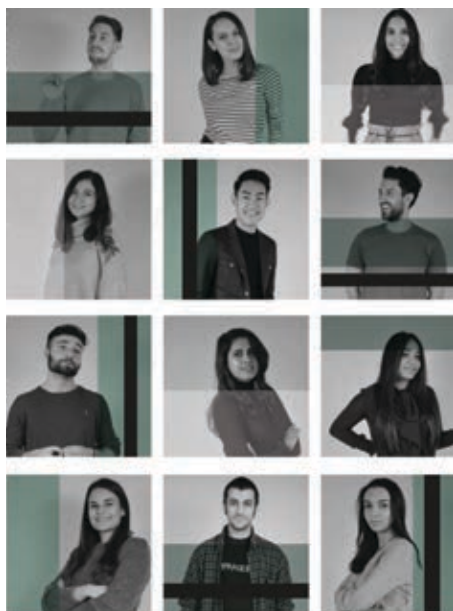
CO-ARCH



V I R T U A L S P A T I A L A G E N C Y



VSA



GEN.Y



Anca Trîmbăciș



Chelsea Bland



Celeste Abayomi



Jim Rapanit



Laura González



Edward Sykes



Shadath Chowdhury



Katie van Dorssen



Verity Roweth



Oll Thomas



Mark Pearce



Ethan Schofield

COMMON PLACE



Develop

DEVELOP



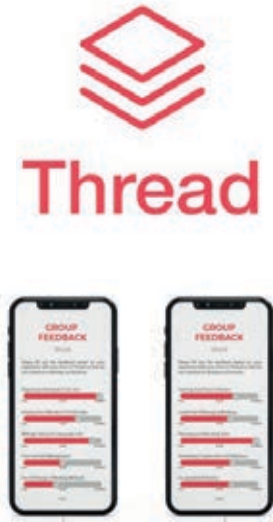
PLAN_ET



OSAS



PPL

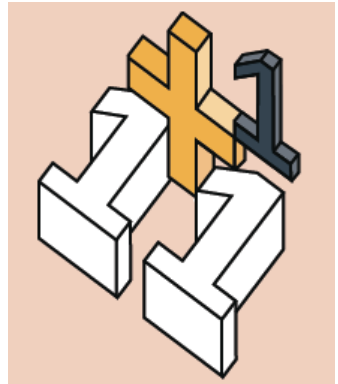


THREAD

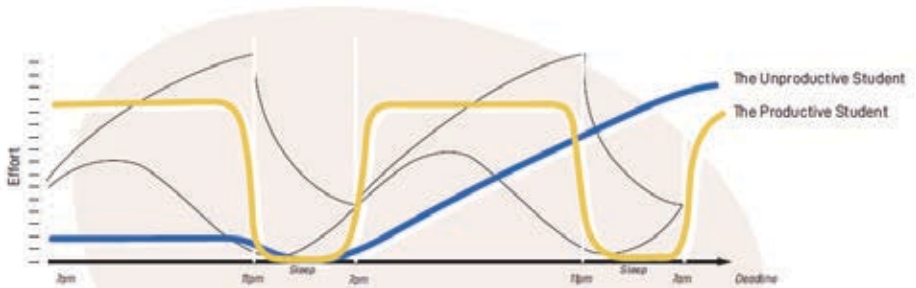


11D

PROFESSIONAL STUDIES



LAB11+1



Adam Cho



Daniel Cruse



MA ARCHITECTURE + URBANISM

Staff

Eamonn Canniffe, Dominic Sagar, Mazin Al-Saffar, Antonio Blanco Pastor, David Chandler, Johnathan Djabarouti, James Dyson, Ewa Effiom, Julie Fitzpatrick, Colin Harwood, David Johnson, Demetra Kourri, Kaija-Luisa Kurik, Curtis Martyn, Claudio Molina Camacho, Aissa Sabbagh-Gomez, Tamara Salinas-Cohn, Yun Wu

The 2019-20 cohort for MA A+U has seen another significant rise in enrolments for the course, a success no doubt connected to the maintenance of our position as twelfth globally in the Best Architecture Masters ranking.

The increase in numbers led to a widening of research possibilities with the provision of 11 optional projects looking at a variety of urban issues in different locations. As well as our own territory in Manchester other settings were explored in Barcelona, Detroit, Hong Kong, Malaga, Matera, Stoke-on-Trent, Venice, Whitehaven leading you a wealth of proposals through which students learn as a group about the transformative potential of urban design. As a course we were delighted to be able to publish these projects on *issuu*.

The expanded range of introductory projects has meant that an ever wider range of thesis projects and dissertations are flowing from the minds of our students. In this endeavour they are guided by a range of established and new tutors from research and practice contexts. The studio has operated this year with seven tutorial groups balancing experience and expertise with paired tutors, while dissertations have been managed in nine

'dissertation bootcamp' supervisory groups. The evolution of the structure of the course, responding to dramatically increasing demand, will undergo a further step change with the introduction, in addition to the September 2020 intake, of an additional cohort commencing in January 2021.

With such a large international student cohort the Covid-19 pandemic has presented particular problems which the students have borne with grace and forbearance, supported by the efforts of an extraordinary course team.

Eamonn Canniffe **Programme Leader**

<http://www.bestarchitecturemasters.com/interview-eamonn-canniffe/>
<https://issuu.com/2019maaumsa>



Duo Zhang



Ruibing Hu



Andrea Calle Bustamante, Cheng Gu, Cyntia Claudia Pardosi, Hanqin Zhang, Dian Zhang, Sneha Tallavajjula, Tiancheng Ren, Tianrui Peng, Vasiliki Iakovaki, Yan Fang, Yiyin Liu, Yuanqing Zheng - Conceptualising from Manchester & Bristol allotments interview



Fallowfield Loop and Gorton Allotments atmosphere view reimaged



Masterplan of Pomona Island and surrounding connected areas



Yang Hang, Yang Zhengang, Wang Tao, Xiaoxiao Liao, Xie Mi - View of Pomona Island from a Metrolink Tram





Haolun Huang - Matera



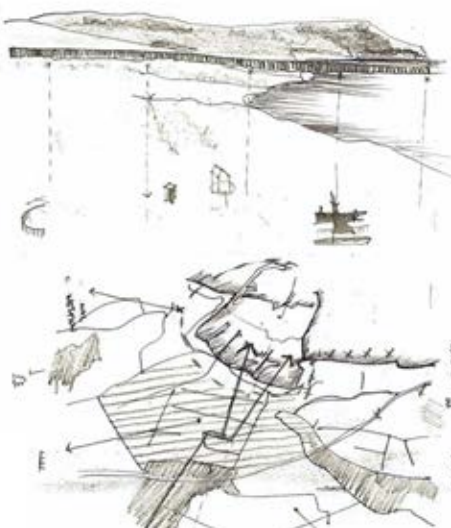
Xin Liu - Matera



Martin Quiroga Mora, Huang Zeng, Ying Chen, Jiajia Xu - Reconnect Whitehaven Masterplan



Fanlong Zeng - Proposals for student accommodation in Lagunillas, Málaga



Martin Quiroga Mora, Huang Zeng, Ying Chen, Jiajia Xu - Reconnect Whitehaven Regeneration Sketches

MASTER OF LANDSCAPE ARCHITECTURE

Staff

Eddy Fox, Ian Fisher, Joanne Phillips, Mick Timpson, Charlotte McLean, James Richardson, Mark Jackson, Nick Gould, Tim Johns, Paul Gray

MLA Part 1 Students

Madhumitha Babu, Shreyansh Barua, Charles Griffin, Georgia Hartley, Aakanksha Khatri, Joe Mulvihill, Marianna Osman, Anubhav Rana, Rudhira Pravin Sambrey, James Stephenson, Edmund Toomey, Jason Wong, Jou-Hsien Wu, Jessica Peach

MLA Part 2 Students

Students: Sonali Satyesh Mallapur, Xianzheng Zeng, Lauren Pridding, Swatilekha Banerjee, Kimiya Behrouzian, Zilu Meng, Nicholas Baron, Sahil Vikas Unkule, Beavan Flanagan, Reema Khan, Anushriya Pherwani, Wilson Chun Yin Lai, Carly Lok Sze Leung, Leighton Lai Sze Mak, Harry Snowden, Daisy Pui Sze Wong, Beth Houston, Anthony Lynch, Ashley Eagles

The Master of Landscape Architecture (MLA) is a 2-year programme of study, accredited by the Landscape Institute, for students with a related degree or background who wish to gain a professional qualification. Students with a BA in the subject, or equivalent, enter directly at Part 2 of the course to complete their professional education.

In Atelier 1A, an exploration of the universal definitions of garden, park and landscape acts as a precursor for individual experimentation and design practice, expressing the role of

landscape architecture in the Anthropocene. In Atelier 1B, students focus on the regeneration of an urban quarter, exploring the relationship between humans and their environment in the 21st century, through themes such as heritage, culture and climate change in a specific urban context.

“The countryside is now the frontline of transformation ... more volatile than the most accelerated city.” (Rem Koolhaas, *Icon: 23.09.14*) Our rural landscapes are mythologised as timeless places of beauty, tranquillity and health, or commodified for the consumption of urban leisure seekers. Below the veneer of the rural idyll lies a contradictory reality of ecological desertification, high-tech agriculture, concentrated land ownership, resource extraction, energy generation, subsidy-dependent farming, and isolated, disenfranchised communities. The idealisation of the countryside as a kind of living museum co-exists uncomfortably with this increasingly dystopian reality.

MLA2 students' work this year has explored the tensions and contradictions of the rural landscape in the context of an area sandwiched between Morecambe Bay and the Lake District National Park. These peninsulas, separated by three rivers which drain into the bay, are rich in biodiversity as well as historic and social complexity. Students have defined their own project briefs and tested these on sites within this area, exploring the potentials of a range of landscape scenarios, including: The Drowned World, Dis-enclosures, The Rural Powerhouse, New Nomads, and The Wild Woods.



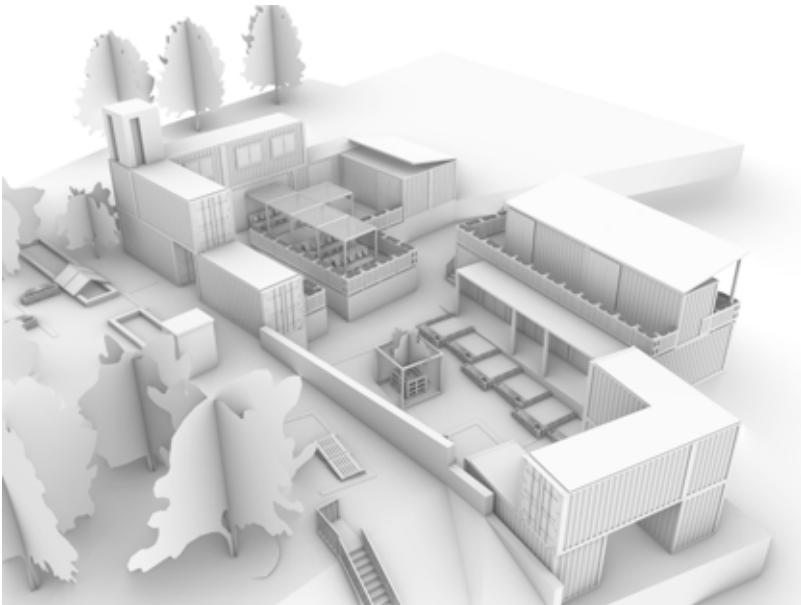
Ann Jou-Hsien Wou - Green Tech Playground - Birdseye



Ann Jou-Hsien Wou -Green Tech Playground - Serial Vision



Aakanksha Khatri - Beech Road Park Model



James Stephenson - Lancaster Canal Quarter Container Village



Shreyansh Barua - Park as a local biosphere



Beavan Flanagan - Heterogeneous Land Typologies



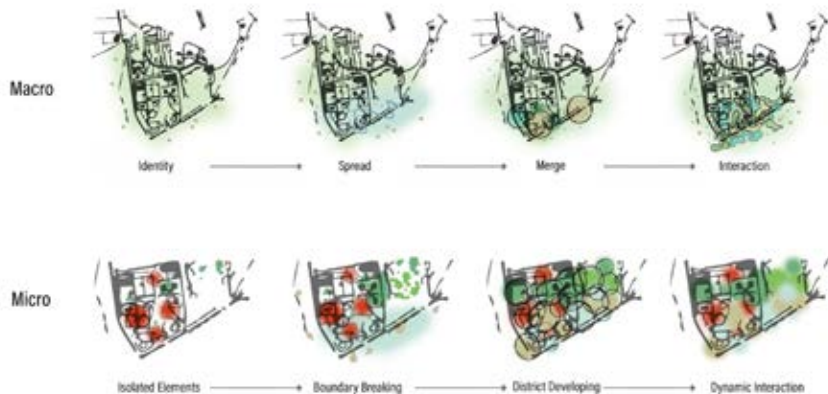
Beavan Flanagan - Productive landscapes – Future scenarios



Beth Houston - Bald hills series



Beth Houston - Bald hills series



Daisy Pui Sze Wong - Dynamic Interaction



Daisy Pui Sze Wong - Salt Marsh Explorations



Wilson Chun Yin Lai - Re:demption - Ulverston Industrial Park 1

MLA



Carly Lok Sze Leung - Piel Island Perma-Culture



Kim Behrouzian - Bloom! Haverigg Biolabs



Zilu Meng - Dynamic Wetland Construction



Sonali Mallapur - Millom Archipelago - Birdseye



Ashley Eagles - Pixelscape





ALL SCHOOL PROJECT

Staff

Luca Csepely-Knorr, Laura Sanderson

Guests

Steven Millington, Tom Hindmarch, Maria Lorono Leturiondo from the Institute of Place Management

All students in MSA worked in collaboration with the Institute of Place Management to reimagine five district centres in Manchester, to create proposals for vibrant, liveable and sustainable High Streets. The work was exhibited as part of the ESRC Festival in the Benzie Vertical Gallery in November.

Blog

<https://www.msa.ac.uk/allschoolproject/>

Britain is currently experiencing a perceived crisis in terms of the sustainability of high streets and town centres. Whereas major city centres appear to be thriving, smaller towns and places are losing their retail functionality and footfall is declining. What can be done to restore British centres therefore has become a concern for local communities and subject to national government policy intervention.

A neglected space in the debates about the future high streets are district centres. These are often neighbourhood centres comprising a group of shops, separate from the town centre, usually containing at least one food supermarket or superstore and non-retail service uses such as banks, building societies and restaurants. These are important places as they help shape the liveability of neighbourhoods, providing everyday services and necessities, together with sites for leisure and social interaction and exchange. A key challenge, however, is that retail, banking, estate agents and travel agents have been disrupted by technological change, which has led to the withdrawal of these functions from many places. This has left voids and vacancies.

**MANCHESTER SCHOOL
OF ARCHITECTURE**

High Streets + Town Centres

Proposals for 2030 and Beyond

Supported by



Visit msa.ac.uk for more information



**Benzie Vertical Gallery
04-07 November**



Group 02 - FLOODING CHORLTON, Chorlton



Group 34 - NOTHENDSUN, Northenden. Joint Winner



Group 49 - THE HIGHER STREET, Withington.



Group 31 - NORTHERN ENCLOSURE, Northenden



Group 11 - DEFUNCT_REFUNK, Gorton. Joint Winner.



Group 25 - THE MARKET PLACE, Harpurhey.



Group 28 - THE NETWORK OF CULTURE, Harpurhey



Group 44 - STATE OF FLUX, Withington

STAFF RESEARCH

Debates about the role of architecture in an age of economic globalisation, technological futurism, environmental fatalism and deepening social division demands an approach to architectural studies that draws upon a diverse range of practices and plural forms of knowledge. MSA has a strong research culture, which is underpinned by the diverse range of design work produced in our ateliers. Both research and studio practice are interwoven in their practical and applied engagement with the built environment. We work in various groups and partnerships, with each other and with external agencies. Our research groups fall broadly into three thematic areas: Built Heritage, Urban Futures and Citizen Engagement. The School has strong links to practice and is connected to the city, region and world with over 150 external partners. Our key strength is in applied research and its relationship to the realities of contemporary architecture and urbanism.

In 2019-20 researchers at the Manchester School of Architecture have organised innovative public events, produced influential new publications had significant grant success and developed exciting new collaborations.

Public events

Public events remain a key way of disseminating our research and to maintain and evolve its relevance to those outside of the university. To celebrate the 100 year anniversary of the Bauhaus in Germany, staff members curated an exhibition of student work at the Modernist Society, highlighting the international links between the Bauhaus and British designers. The School hosted public lectures by visiting academics, Janina Gosseye

(ETH Zurich), Moa Carlsson (Edinburgh), Alistair Fair (Edinburgh) and Simona Valeriani (RCA). The symposium What Now? debated the role of history in architectural education with guest speakers Michiel Dehaene, Anne Kockelkorn and Huda Tayub. Colleagues led walking tours celebrating the co-operative movement, organised a symposium as part of the ESRC Festival to bring together academics and professionals to discuss the challenges and future of British High Streets, convened and chaired the Healthy Cities 2019: Urbanisation, Infrastructures and Everyday Life conference, and delivered public lectures both nationally and internationally. The CPU-Lab collaborated with Transport for Greater Manchester in the delivery of the Future Mobility 2020 symposium.



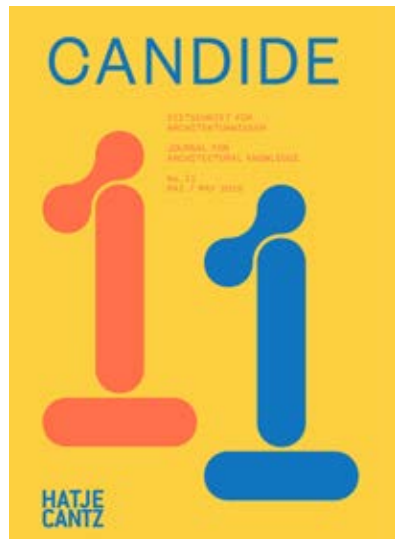
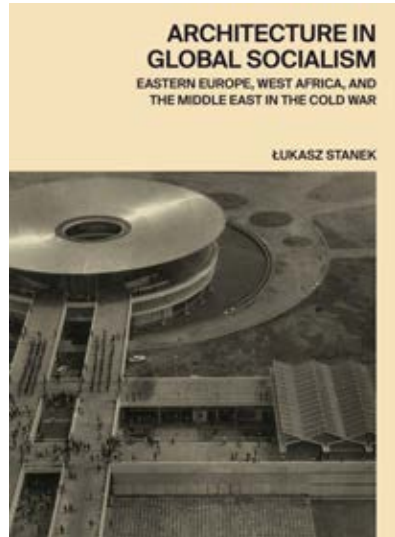
Anthropology for Architects | Social Relations
and the Built Environment | Ray Lucas



RESEARCH

Key Publications

Dr Ray Lucas has published his monograph, *Anthropology for Architects*, that questions what architects can learn from anthropologists. Lukasz Stanek's book *Architecture in Global Socialism* investigates how the collaboration between architects, planners & construction companies from socialist Eastern Europe, West Africa & the Middle East shaped these regions in the Cold War. Lea-Catherinè Szacka's new book, *Biennials/Triennials: Conversations on the Geography of Itinerant Display*, includes interviews with a range of curatorial agents and visits crucial sites of recent exhibitions that reveal what is at stake in the newfound ubiquity of the architectural –ennial. Rob Hyde co-edited the book *Defining Contemporary Professionalism: For Architects in Practice and Education*. Kim Förster edited the 11th Issue of the journal *Candide. Journal for Architectural Knowledge*. Colleagues have published peer-reviewed articles in the *Architectural Review*, *Architectural Theory Review*, *A+U Special Issue: Tokyo: Right to the City*, *DISEGNARECON*, *Environmental Evidence*, *Journal of Architectural Education*, *Journal of Architecture* and *Journal of Landscape Architecture*. A research report about understanding investor confidence in nature based solutions by Angela Connelly has been submitted to the Greater Manchester Combined Authority-led Ignition project. Mark Hammond collaborated with colleagues from the University of Manchester and Newcastle University on the report *Developing Age-Friendly Communities in the Northern Gateway*, and Ray Lucas submitted the report *Notations of Architectural Anthropology*.



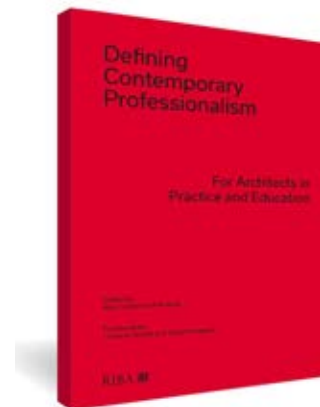
Grant success

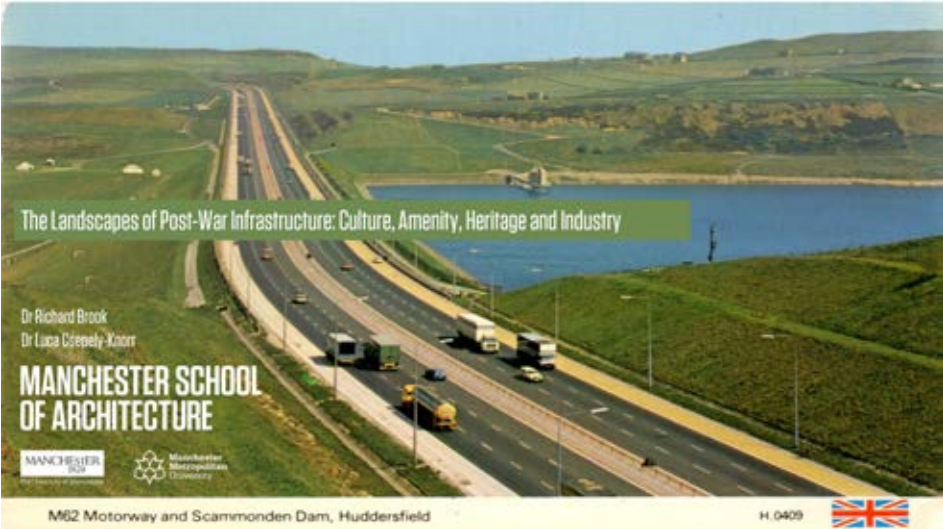
Helen Aston and Luca Csepely-Knorr received funding for their project *How Women Build* from the Paul Mellon Centre for the Studies of British Art and the Women's History Network. Richard Brook and Luca Csepely-Knorr secured *Networking and Follow on Funding* from the AHRC for their projects *Landscapes of Post-War Infrastructure* and *Cooling Down* to investigate the heritage and values of infrastructural landscapes. Laura Coucill secured funding from the Manchester Jean Monnet Centre of Excellence (JMCE) for her projects *Is Seamlessness Possible?* and *Runcorn: Destination Europe*. Ray Lucas was awarded a grant by the Daiwa Anglo-Japanese Foundation for his project *The Architecture of Gion Matsuri*. Lucy Montague in collaboration with David Rudlin and Vicky Payne won the Royal Commission for 1851's *Built Environment Fellowship* for the project *Tales of the High Street* and has also secured the UK Research & Innovations Councils' *Enhancing Place-based Partnerships in Public Engagement Fund* for the project *The 100 Year Street*, working with Liverpool social enterprise *Squash*. Ulysses Sengupta and Deljana Iossifova have won awards from the Royal Society, NERC and EPSRC to continue their research into urban sanitation in some of the world's most challenging urban contexts. They have also had individual successes in attracting funding from the British Council for work in Brazil and China. Lukasz Stanek has received a research grant from the Canadian Centre for Architecture, funded by the Andrew W. Mellon Foundation, to work on the project *Africanisation of Ghanaian Architecture* and Lea-Catherine Szacka was awarded a *Mid-Career Fellowship* by the Paul Mellon Centre for the Studies of British Art for her project *A World Wide Book: Charles Jencks and the Language of Post-Modern Architecture, 1977–1991*.



New Collaborations

Lucy Montague launched the *URBED+* research partnership, a vehicle for research, advocacy, education and public engagement in urban issues. Stefan White and Mark Hammond are part of a consortium (along with Greater Manchester Combined Authority, Microsoft, Cisco, Design Council, University of Manchester, Pozzoni Architects) who won the UKRI 'Healthy Ageing Trailblazer' scheme.





/ ——— Biennials /
 ——— Triennials:
 / ———
 ———
 Conversations on ———
 the Geography ———
 of Itinerant Display —
 / ——— Léa-Catherine
 ——— Szacka
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 Columbia ———
 Books ———
 on Architecture ———
 and the City ——— /

MANCHESTER SCHOOL OF ARCHITECTURE
WHAT NOW?
ARCHITECTURE HISTORY TODAY

FOOD AND THE SELECTIVE MEMORY OF URBANISM
 Michiel Dehaene /
 Department of Architecture and Urban Planning, Ghent University

ARCHITECTURE, CAPITAL AND THE CITY
 Anne Kockelkorn /
 Institute for the History and Theory of Architecture, ETH Zurich

RACE, SPACE AND ARCHITECTURE
 Husa Toyok /
 Graduate School of Architecture, University of Johannesburg

Debate on 20th century architecture in the curriculum of the Manchester School of Architecture.

WITH INPUTS BY:
 Richard Brook
 Kim Förster
 Lukasz Stanek
 Léa-Catherine Szacka
 Oia Udiuku

14.00-17.00
 WEDNESDAY, 15 JANUARY 2020
 ROOM F41, SACKVILLE STREET BUILDING
 UNIVERSITY OF MANCHESTER

The MARG Centre is supported by the University of Manchester.

MARG
 Manchester Architecture Research Group

MANCHESTER SCHOOL OF ARCHITECTURE
 UNIVERSITY OF MANCHESTER

B.15 MODEL MAKING WORKSHOP

Staff

Jim Backhouse, Scott Miller, Saul Parker-Backhouse

The 19/20 academic year started with a host of ideas for lectures and events to mark the 50th anniversary of our workshop being established back in 1970. Students were soon back in the workshop exploring their designs to produce a range of models in the first semester. Unfortunately, as we know, the events surrounding the Covid-19 Pandemic put a halt to many plans, including our own. Despite the campus closing, we have seen a great response from students continuing to pursue their concepts through modelmaking at home supported by remote tutorials. We look forward to continuing to foster modelmaking as the next challenges emerge.

V&A Architectural Models Network (AMN) Lecture

Early in 2019 Scott contributed to an article for the Architectural Models Network, a research group based at the V&A museum in London. This contribution led on to us connecting the workshop to research in the School and hosting Dr Simona Valeriani who presented 'Architectural Models: Past, Present and Future of a Design Practice'. This gave an insight into how the AMN has mapped out different areas of architectural design that employ modelmaking and their predictions for it's continued use. Of particular relevance to the situation we have faced in lockdown, Dr Valeriani discussed the issues surrounding conservation, archiving and accessibility of physical models with ideas about 3D scanning items to allow wider audience participation.

Atelier La Juntana Summer School and Exhibition

Summer 2019 brought our third collaboration with the international summer school Atelier La Juntana, once again bringing together BA and MArch students for a week of learning craft skills on the Northern Spanish coast. The sun, sea and modelmaking certainly has an appeal to our students and this warm week in July was no exception. This time they were joined by our technical assistant Saul who took part in the full range of activities offered by the course before leading the exhibition build which showcased the work back in Manchester.

Lockdown and Modelmaking from Home

Whilst the enforced campus closure came as no surprise to us it still required some quick thinking to be able to continue to offer the support students deserve. Despite the limitations of home working, many successful projects have been produced because of the need to be innovative and resourceful with the tools and materials to hand. The continued efforts have been fantastic to be part of and we'd like to thank all the students who have joined in with any modelmaking with us throughout this very unusual year.

Adapting to Mass Production

Our normal work relies on treating each project on a case by case basis with any number of requests coming through the door on each day. As it became apparent that there was an immediate need for PPE equipment for the NHS, we made our presence known as part of the university wide response and quickly reconfigured the workshop to begin manufacturing visors. We started with a design by Prusa3D and collaborated with Manchester NHS Foundation Trust who requested adaptations to the design in order to make it suitable for frontline use. This

was achieved with the input of Advanced Practice MArch Student, Yu Zheng Tan who was instrumental in developing an additional component to the design, resulting in its approval. It has been great to be able to contribute and would like to thank those who have supported the project; Yu, John and Bob at the Manchester Museum and 4D Modelshop for making a special effort to send us their entire remaining stock of materials.

More Information about the B.15 workshop can be found at www.manchester.ac.uk/b15workshop



Detail study models by Advanced Practice student Chu Jiajun

The poster features a background image of a detailed architectural model of a circular, tiered lecture theatre with a curved stage. The text is overlaid on this image. At the top left, it reads 'MANCHESTER SCHOOL OF ARCHITECTURE'. To the right is a large, stylized 'V&A' logo. The main title is 'ARCHITECTURAL MODELS: PAST PRESENT AND FUTURE OF A DESIGN PRACTICE'. Below this, the speaker's name and affiliation are listed: 'Dr Simona Valeriani, Senior Tutor V&A/RCA History of Design MA, V&A Research Institute'. The event details are 'TUESDAY NOVEMBER 12TH, 18:00, CORDINGLEY LECTURE THEATRE, HUMANITIES BRIDGEFORD STREET'. At the bottom, there are logos for Manchester School of Architecture, Manchester Management University, MARG (Manchester Architecture Research Group), and B.15 (Building Information Systems). A small text line says 'Visit manchester.ac.uk/b15workshop for more information'. On the right, it says 'CELEBRATING B.15:50'.

MANCHESTER SCHOOL OF ARCHITECTURE

V&A

**ARCHITECTURAL MODELS:
PAST PRESENT AND FUTURE
OF A DESIGN PRACTICE**

Dr Simona Valeriani
Senior Tutor V&A/RCA History of Design MA
V&A Research Institute

TUESDAY NOVEMBER 12TH, 18:00
CORDINGLEY LECTURE THEATRE
HUMANITIES BRIDGEFORD STREET

Visit manchester.ac.uk/b15workshop for more information

MANCHESTER SCHOOL OF ARCHITECTURE

Manchester Management University

M A R G
MANCHESTER ARCHITECTURE RESEARCH GROUP

B.15
BUILDING INFORMATION SYSTEMS

CELEBRATING
B.15:50

Promotional Poster for the Dr Simona Valeriani Lecture 'Architectural Models: Past, Present and Future of a Design Practice'



Aluminium Casting at Atelier La Juntana MSA summer school



Continuity in Architecture students after completing their 1:50 section model.



B.15 was adapted for the mass production of PPE during the Covid-19 Lockdown.



Students continued to make from home with the assistance of remote tutorials. One such example is this 1:500 site model produced by 3rd Year Student, Paula Bruvere.

MANCHESTER STUDENT SOCIETY OF ARCHITECTURE

MSSA Overview

The MSSA is a completely student led society at Manchester School of Architecture, we work closely with students, tutors, lecturers and collaborators inside and outside the school to deliver an improved student life for our 800+ members. We aim to celebrate students of architecture by enabling experiences that put us into the city. We present students with a wide range of experiences and ideas through academic and social events. The society encourages and promotes new ideas within the school, providing students the opportunity to put on events that they believe in. We are immensely proud of our team this year with some of the biggest and best events we have done so far - club nights, guest lectures by some incredible speakers, debates, campaigns, competitions and more. The MSSA has a genuine interest in bettering the university experience, providing skills workshops and even tea and coffee (in real and virtual settings) to improve the studio environment. Year on year the society has grown and outdone itself and we are excited to show you what we have planned for the next academic year.





Zine

MSSA Zine is an independent student-led zine focussing on one spatial re-invention per issue. Themes are chosen based on challenging conventional concepts of space. It embraces abstraction, reinterpretation and unanswerable questions - inviting readers to decide. The content of the zine is produced with and for students, academics and professionals, while the team curates, adapts and restructures the zine to the theme's changing definition. It is made using a collaborative, all-are-invited and a 'what's more?' approach. The zine attempts to use a single microcosm to shed light on issues to broaden all minds.

MSADU

The Manchester School of Architecture Debating Union (MSADU) was established by students to encourage a formal platform for architectural debate outside of the design studio. In a traditional debating format, students, tutors and external speakers discuss architecture with an audience outside of the School and establish new dialogues. This year MSADU have organised the debates: Architect vs Engineer: Who knows best?; To redevelop or to preserve?; and, the first virtual discussion, Is architecture feasible as an online degree?

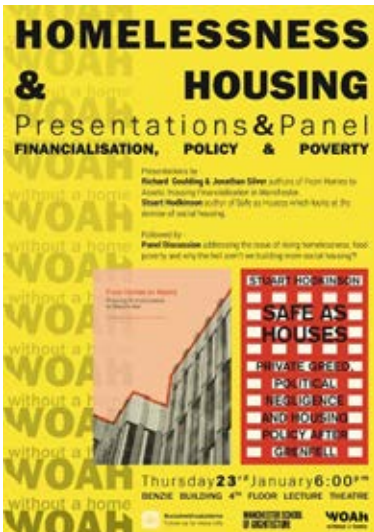


EVENTS

The Events subgroup for MSSA builds upon the architectural community and is a great way to collaborate with students across different year groups. Events set up by the team promote inclusion and a healthy social life outside of studio! The responsibilities of the events team include organising events such as architecture themed pub quizzes, nights out with guest DJs and the end of year ball. Being a part of the events team is a fun and creative way to provide a platform for all within the school!

WOAH

WOAH is a non-profit student design collective, predominantly focused on the issue of homelessness and all associated issues surrounding it, such as community, housing and poverty. We mainly consist of architecture students and have worked on both research and design projects alongside charities, ex-homeless artists and architectural firms. WOAH came into existence in 2015 in reaction to the removal of the homeless encampment underneath the Manchester way, opposite the hatch development. This year we put on a series of lectures that focused on housing and the way our cities are shaped. The first focused on financialization, policy and poverty. We had talks from John Silver and Richard Goulding authors of From Homes to Assets as well as Stuart Hodgkinson author of Safe as Houses. The second lecture was a more detailed look at the councils coming up with innovative ways of building new social and affordable housing. For this the research was presented by Professor Janice Morphet and Dr Ben Clifford of the Bartlett school of planning.



MSSA



MSA&U

MSA&U is a student-led initiative that focuses on the wellbeing of students, here at the Manchester School of Architecture. It was initiated in November 2019 and has worked hard in taking actions that attempt to replace the architecture student culture of competition, no social life and all-nighters with one of collaboration, understanding and mutual support. Some of these include placing kettles and free tea in each open studio to encourage students to take short breaks and have a chat; pairing students from different years to initiate a dialogue between year groups; spreading positivity on social media (@msaandu on Instagram) and organising weekly yoga sessions for students and staff.

MSSA Photography

With humble origins as a group of avid photographers helping out documenting events, MSSA Photography has flourished in the past 2 years to run termly photography competitions and showcases of work. Shortlisted entries are featured across our social media and printed in MSSA publications. In the past year, we also organised workshops to help students get more into photography and improve their skills.



BY30

Before You're 30 is a student led organisation, which belongs to MSSA. We organise architecture talks given by the professional architects and people working in a built environment. The events take place once a month. Usually 3 speakers are invited to talk for 30 minutes each. After every talk there is a Q&A. Once the event is over, there is a great networking opportunity with the speakers. The event takes a place in a venue which feels more casual rather than a formal lecture hall to create a relaxed atmosphere for all.



ASN

The Architecture Student Network is an independent network of student representatives from the schools of architecture within the United Kingdom. We host events all over the nation, bringing together people from all schools and all backgrounds to discuss issues that don't just affect our individual universities, but the entire profession. This year we hosted an event in Newcastle where we heard from some interesting speakers and had incredible discussions about our experiences. The event resulted in a written letter that contained our findings to be presented to the RIBA president in person, also later being sent to the ARB and other change makers. The society is a great way to make meaningful change while also creating friendships all over the nation..

EXPERT PANEL

Chairs

Dan Dubowitz, Ray Lucas

Editorial Board

Emily Crompton, José Ángel Hidalgo Arellano, Léa-Catherine Szacka, Stephen Walker

Expert Panel

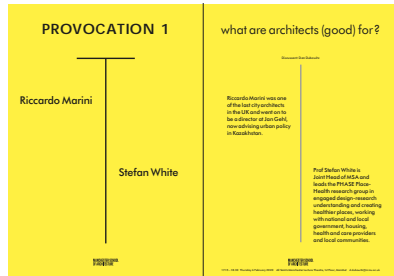
Alan Hooper, Andreas Leonidou, Benedict Phillips, Charles Blanc, David Livingstone, David Reat, Eduardo Aguirre, Elisabeth De Bezenac, Ella Walklate, Erika Rushton, Florence Collier, Ian Miller, Jocelyn Boys, Joe Dempsey, Jong Min Kim, Kathryn Valentine, Kevin Flanagan, Malcom Miles, Mariana Albano, Mario Dreossi, Marios Tsiliakos, Martyn Evans, Mary Arnold-Foster, Mary Wardle, Miguel Paredes Maldonado, Nicholas Cherry, Nick Dunn, Oren Lieberman, Patrick Duerden, Phillip David Hall-Patch, Riccardo Marini, Robert Mantho, Timothy Gibbons, Tim Ingold, Tom Jefferies, Tristan Surtees, Valerio Stuart, Zoe Bruce

The Expert Panel was established this year as a way of consolidating our invited guest teaching into a collective contribution to the life of the school and to connect practice and research to pedagogy.

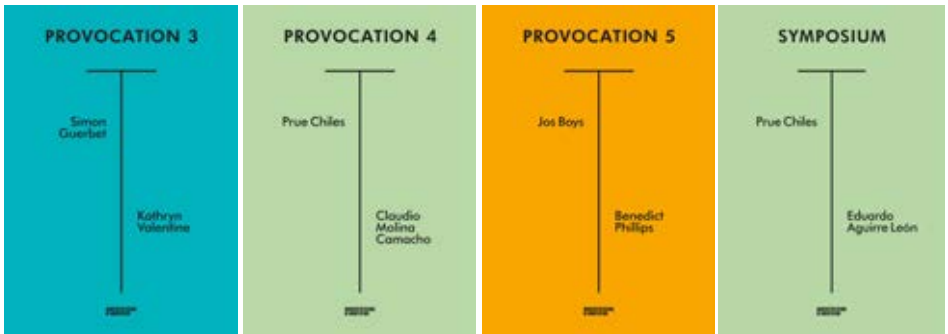
The panel helps to form an ecosystem of events that are attached to our teaching and research agendas. This year, as well as contributing to our regular reviews and research lectures, our appointed experts have taken part in the Provocations series, consulted in round table sessions with

students we have called Salons and presented fast paced pecha-kucha talks. Provocations are open events scheduled for each Thursday evening during term time where two short and provocative talks are given on a matter of concern. The format invites students to respond directly to the positions of the speakers, with a discussant for each session guiding the conversation. Salons serve as an opportunity for different perspectives on work-in-progress, building discourse and new connections between student projects from different academic years.

The creation of the expert panel allows us to build sustained relationships with professionals and practitioners who contribute to the developing culture of the School. The events programmed with the panel feed debates within the School, augment, and sometimes challenge, our regular teaching practice enable expertise to be shared across the School and faculty. The tempo and frequency of events facilitates socialising around these contributions, which enriches debate and promotes the sharing of knowledge as an intrinsic part of our school's culture.



Provocation 1: What are Architects (Good) For?



GUEST LECTURES & SYMPOSIA

Open Reviews

This year we welcomed 60 practitioners from across the UK into the School for two Open Reviews. Coinciding with key stages of MArch 2 students' design thesis. These important networking events provide an opportunity for informal critical debate between practitioners, academics and students. They allow practitioners to influence the next generation of designers; actively contribute towards the future of the school; feedback knowledge and experience into the education system; discuss approaches to practice and see the breadth and quality of our students' work. We would like to thank all practitioners for their valued contribution this year and look forward to seeing you again.



**MANCHESTER SCHOOL
OF ARCHITECTURE**

12.30-13.30 Wednesday 13th November

Chatham 312

Modern Playhouses

Dr Alistair Fair (University of Edinburgh)

Dr Alistair Fair is a historian of architecture in Britain between 1918 and the 1990s, with specialisms in theatre, university, and hospital architecture. He is interested in the relationships between architecture and wider themes in social, urban, and political history. His work therefore locates buildings (both built and unbuilt) in a wider context, drawing on original archive material and contemporary published accounts. His most recent book *Modern Playhouses: an architectural history of Britain's new theatres, 1945-1985* has been shortlisted to the SAHGB Alice Davis Hitchcock Medallion

Visit msa.ac.uk for more information



**GUEST
LECTURE**

**MANCHESTER SCHOOL
OF ARCHITECTURE**

17.00 - 19.00 Mon 14th October
Chatham 312

'UNEASY BEDFELLOWS'

**Conceiving urban megastructures:
Precarious public-private partnerships in post-war British New Towns**

JANINA GOSSEYE
(ETH ZÜRICH)



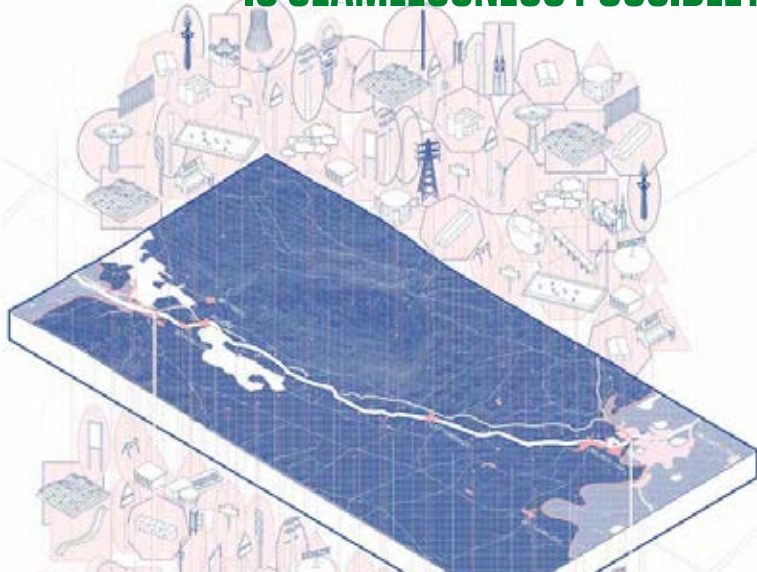
Visit msa.ac.uk for more information



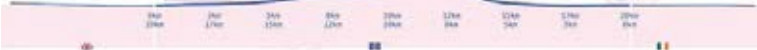
**GUEST
LECTURE**

MANCHESTER SCHOOL OF ARCHITECTURE

IS SEAMLESSNESS POSSIBLE?



A MULTIDISCIPLINARY WORKSHOP EXPLORING THE IMPLICATIONS OF TECHNOLOGY FOR SPATIAL EXPERIENCE



  @INFRASPACEmsa



CHATHAM 811
OCTOBER 11th 2019
09.30 - 17.00

FREE

**22nd October 2019
6pm-9pm**

**Fairfield Social Club
Manchester
M12 6HR**

Search
'4x4 Manchester'
on Eventbrite

4x4 is a series of events about cities. Join us at this special event exploring the morality of urban growth. Enjoy local food vendors, craft beer, talks and debate. **Featuring The Guardian's Oliver Wainwright**

4X4

www.4x4manchester.com

Sin City?



KIRSTEN SCOTT

FOSTER + PARTNERS – SENIOR PARTNER



Talk and Q+A

Thursday 5th December 2019

5pm to 6.30pm

Lecture Theatre SB G.01

Ground Floor Manchester Law School

Sandra Burslem Building M15 6BH

Arrive early to guarantee a seat

A talk by Kirsten Scott – senior partner at F+P on her contributions to some of the practices most admired projects. Gain insight on the architect's role on projects from Maggie's Centre to Apple campus to Kulm Eis pavillon.

This is a brilliant opportunity for students to talk to and learn from a leading professional within one of the UK's top architectural practices.



**USE + MSSA
LECTURE**

**MANCHESTER SCHOOL
OF ARCHITECTURE**

MANCHESTER
1827
The University of Manchester

**Manchester
Metropolitan
University**



**MANCHESTER SCHOOL
OF ARCHITECTURE**

**SUN, SEA AND MODELMAKING:
ATELIER LA JUNTANA 2019**

AN EXHIBITION OF STUDENT WORK FROM THE THIRD
MSA/ALJ EXCLUSIVE SUMMER SCHOOL

NOVEMBER 18TH - 29TH
HUMANITIES BRIDGEFORD STREET FOYER

LAUNCH PRESENTATION EVENING WITH ALJ
THURSDAY NOVEMBER 21ST, 18.00

Visit manchester.ac.uk/tu5workshop for more information

  **M A R G**  **CELEBRATING
B.15:50**

**MANCHESTER SCHOOL
OF ARCHITECTURE**

Ash Sakula

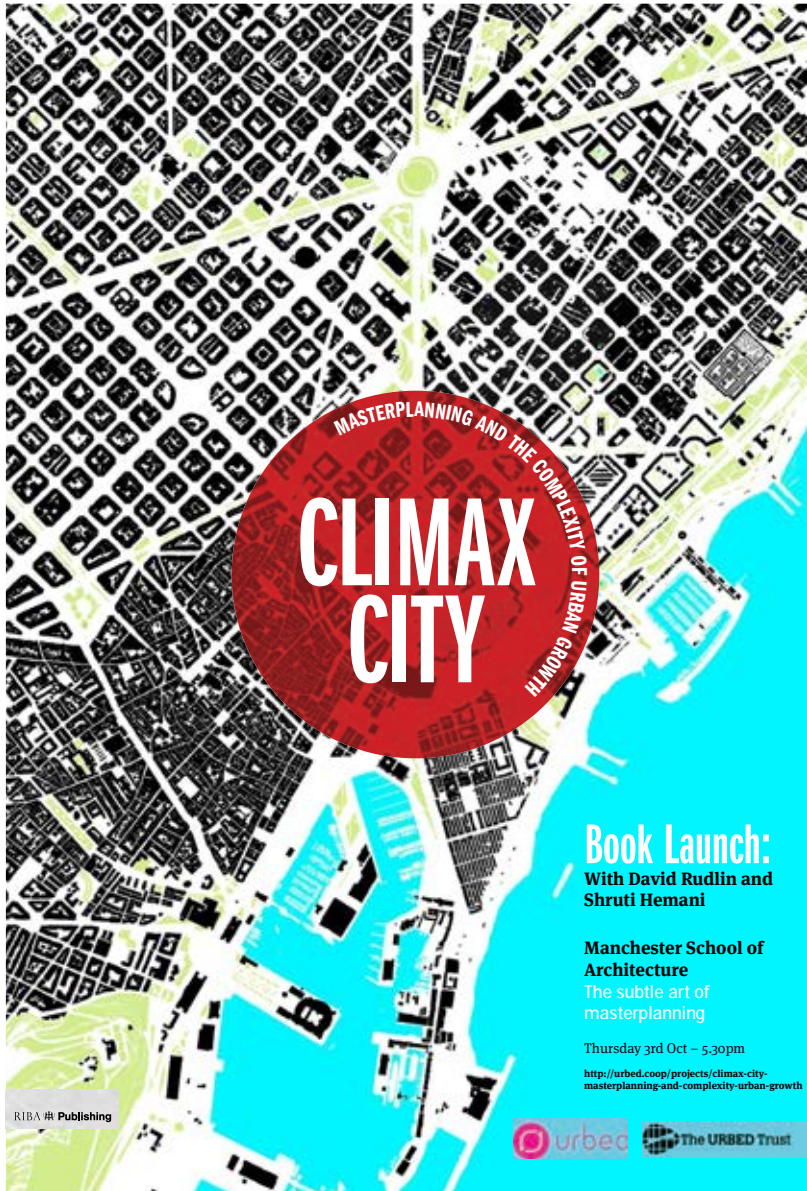
Benzie 403 //

1pm 08 November

Visit msa.ac.uk for more information



**VISITING
LECTURES**



CLIMAX CITY
MASTERPLANNING AND THE COMPLEXITY OF URBAN GROWTH

Book Launch:
With David Rudlin and Shruti Hemani

Manchester School of Architecture
The subtle art of masterplanning

Thursday 3rd Oct – 5.30pm
<http://urbed.coop/projects/climax-city-masterplanning-and-complexity-urban-growth>

RIBA # Publishing

urbed The URBED Trust

**MANCHESTER SCHOOL
OF ARCHITECTURE**

Dr Moa Carlsson

**Computer Aided Visions of the British Industrial Landscape
(1965-1988)**



Dr Moa Carlsson is a Lecturer in Architectural Design at the University of Edinburgh, researching histories and practices of computing and information technology in design, planning and cartography in Great Britain and the United States after 1945. Her current project examines how views in the built environment become political instruments that are variously treated as geometric abstractions and lived realities. Through case studies in the UK and the US, she researches how outcomes (maps, diagrams, graphs and perspectival views) of particular computer systems have been used since the mid-1960s to strategically govern visual identities of urban and rural landscapes.

Visit msa.ac.uk for more information



WEDNESDAY, 11/03/2020, 12.30-13.30

BS G.35 - LECTURE THEATRE 6 (N ATRIUM)

**MANCHESTER SCHOOL
OF ARCHITECTURE**

THE DOUBLING AND DISAPPEARANCE OF THE BODY IN ARCHITECTURE

INVITED SPEAKERS

Beatriz Colomina

Professor of the History of Architecture
Princeton University, USA

Debra Benita Shaw

Reader in Cultural Theory, College of Arts, Technology & Innovation
University of East London

Sophie Warren & Jonathan Mosley

Warren & Mosley,
Bristol, UK

WELCOME ADDRESS

Tom Jefferies, Head of MSA

CONVENOR:

Stephen Walker

Visit msa.ac.uk for more information



16h00, 26 September
Benzie Building
4th Floor Lecture Theatre

MARG SYMPOSIUM

**MANCHESTER SCHOOL
OF ARCHITECTURE**

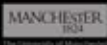
V&A

**ARCHITECTURAL MODELS:
PAST PRESENT AND FUTURE
OF A DESIGN PRACTICE**

Dr Simona Valeriani
Senior Tutor V&A/RCA History of Design MA
V&A Research Institute

TUESDAY NOVEMBER 12TH, 17:30
G32 HUMANITIES BRIDGEFORD STREET

Visit manchester.ac.uk/h15workshop for more information



**CELEBRATING
B.15:50**



Wednesday 26 February 2020
Manchester School of Architecture
Chatham Building, Boundary Street West
M15 6BR
6:30 – 8:30 pm

Reconfiguring place

HOUSING

In this climate, how can we propose inventive yet realistic ways to shift culture and to improve the quality, range and affordability of our housing?

Join us for an evening of hands-on collaborative design and discussion, where people come together to build on their collective skills, experience and creativity.

This is a free event, but places are limited. Register now to reserve your place:
www.theglasshouse.org.uk/events

theglasshouse.org.uk
[instagram.com/glasshouseclld](https://www.instagram.com/glasshouseclld)
[@glasshouseCLD](https://www.instagram.com/glasshouseCLD)

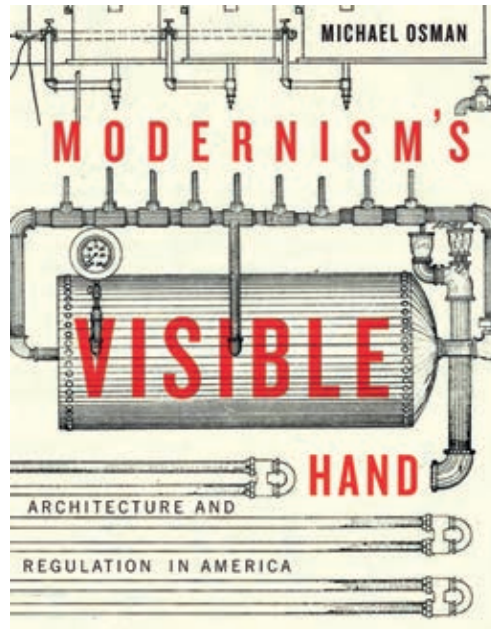
Charity no. 1112094 / Limited Company no. 5435630



MANCHESTER SCHOOL
OF ARCHITECTURE

PHD SEMINAR WITH MICHAEL OSMAN

MANSFIELD COOPER BLDG, 2.03
FEBRUARY 14, 2.30-5.30 PM



INTERNATIONAL COLLABORATIONS

MSA International

This year the MSA has further extended its global network, nurturing international relationships both established and new. The most challenging problems for society today require collaborative, internationally connected partnerships. Connecting teaching, research and external partners internationally has grown to be a vital part of our culture as our students are from all over the world. This enables our students and staff to engage directly with scenarios affecting their own lives, cultures and concerns. The School recognises the importance of these relationships, not only to the continued pursuit of innovation and research excellence, but also its contribution to a vibrant student experience.

The school has been busy engaging with our international partners through international exchanges, collaborative research projects and partnering with other universities. In addition to these more formal relationships that have been harvested it is also wonderful to acknowledge some of the informal relationships by way of student study tours, international workshops, conference papers and competition contributions. These are just some of our international projects.

Erasmus Exchange

The School has four Erasmus Exchange agreements; these are based upon deep rooted connections and long-standing relationships with the universities, and more importantly the schools of architecture within those establishments. Venice and Milan emerged from a collection of collaborative projects, Heritage and Places of Production, which were

initiated by Sally Stone and conducted with Continuity in **Architecture students**.

The exchange relationship with Paris was directly developed from the Atelier Zero (2012) project led by Laura Sanderson and Helen Aston. And the exchange association with Münster is a product of the annual Cuba Summer School created by Colin Pugh in 2010 and now led by John Lee.

The school also accepts students from these establishments in exchange, so every year new friends are made and sometimes life-long associations created. The next academic year will be the very last formal Erasmus exchanges in the UK, but given the importance of such initiatives, alternatives are actively being sought to ensure the continuation of such experiences that have brought a wealth of knowledge and collegiality since their inception.

European Association of Architectural Educators

The school has a strong association with this network and we are determined to build upon this, whatever may happen with future European relationships. This group discusses the future of architectural education, not just in Europe, but also has world-wide connections and, as such, it is important, influential and its conference findings and other publications have international impact. There were two important events in the last academic year. The EAAE Education Conference in Antwerp. This was attended by a number of Manchester academics, including Vicky Jolley, Helen Aston, Emily Crompton, and Sally Stone, all of whom not presented papers, but were also integral

parts of plenary panels. The other event was the EAAE Thematic Network on Conservation, this year it was convened in Prague. Sally Stone is a key member of this group and acted as the Animateur for the group Heritage and Everyday Life and chaired the panel discussion. A number of collaborative projects including substantial funding applications have been born from relationships established through the Ode to Joy that is this association.

possible relations between architecture schools and their local communities, both in Chile and the UK and made some experimental works. On return we hosted Eduardo Aguirre León from the Talca School of Architecture in one of our Provocations events, "How is built work approached within academia? 1:1 scale built projects as a teaching method"

Caribbean Winter school, CUBA

John Lee and the MSA students took part in the Caribbean Winter school in Havana, Cuba. This year's project was set in the Almendares River Valley, in a section close to the western end of the iconic Malecon, dominated by rundown industry, the informal settlement of El Fanguito, and the Fabric della Arte Cubano –the most celebrated centre of young, vibrant, creative Havana. A site of contrasts, Almendares, saw the students design schemes to integrate new social housing and cultural activities across a multi-level site. Ten teams of four students produced rich and sophisticated solutions over an intense three-week period, assisted by tutors from Stuttgart, Israel, Munich and Barcelona.



Talca School of Architecture collaboration. Chile

Claudio Molina Camacho and Matt Ault travelled to Chile, with a group of MSA students to discuss how practice-based methods can inform architecture about real contexts, places, people and materials that constitute the territories in which architecture projects are placed. They reflected on the



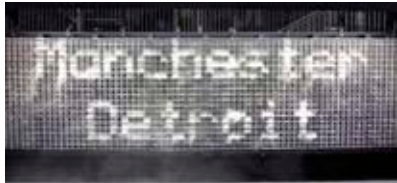
A Place To Dream, Norwegian Summer Schools

Dominic Sagar, Harald Rostvik, (University of Stavanger) and Tom Jefferies directed a series of Norwegian Summer schools which led to the reconstruction of the philosopher Ludwig Wittgenstein's retreat in Norway, aided by architectural students. The project was part funded by The Sto Foundation, Germany, and from universities where Wittgenstein spent his career; Norway, Manchester, Cambridge and Berlin. The project built on the research by Professor Harald Rostvik, and Professor Tom Jefferies and others and the works carried out under guidance of the Wittgenstein Foundation in Skjolden. The students contributed in documenting the initial work, surveying, photographing, condition surveys, cataloguing the timbers, stripping out, carrying out the deconstruction and reconstruction, all under the guidance of local contractors, experts and academics. This is exemplar of the ways in which the School connects thinking with making and engages international interdisciplinary research in live architectural settings.



Popular logistics, infrastructures and municipalism: responses to the pandemic in Rosario (Argentina).

Leandro Minuchin, working with the Faculty of Political Science, National University of Rosario, is developing his work into informal infrastructure in informal settlements. The project looks at how social movements, Universities and local government in Rosario are problematising the role of logistics and infrastructures in the production of urban space. From food distribution, to forms of community care and the development of a municipal platform for deliveries and commercial exchange, the research traces the development of infrastructural development and argues for the municipalisation of logistic networks.



MancTroit, Detroit, USA

MancTroit is an ongoing project with its roots in a Manchester symposium organised by Dominic Sagar. Dominic, Richard Brook, Eamonn Canniffe and David Johnson have been exploring how Manchester and other cities, Detroit included, have reinvented themselves focusing on underground cultures, through the music and the arts - the inventors, the tinkerers and the meddlers, that helped shape their regeneration. We have hosted scholars from Detroit in open faculty forums

and continue to build relationships with, and between, social and cultural organisations with synergies in both cities. The most recent visit to Detroit was with the MA Architecture and Urbanism students to develop schemes there. The students worked out of the studio spaces of the Lawrence Tech University, School of Architecture building in down-town Detroit and in the 'Detroit Future City' offices.

Oslo Architecture Triennale 2019: 'Dealing with It' Workshop

Lea-Catherine Szacka and James Robertson coordinated the Dealing with It workshop alongside the Oslo School of Architecture & Design as part of the Oslo Architecture Triennale 2019: 'Dealing with It' Workshop.

Republic of Ireland border (IL)

Laura Coucill and Richard Morton have working collaboratively with Queens University Belfast, ICBAN and Satellite Applications Catapult. With the aim of providing a clearer understanding of the spatial conditions and experience of the Northern Irish – Republic of Ireland border regions. Investigations have begun to analyse the effect and outcomes of proposed technical interventions along the border as a consequence of Brexit.

Affects as Pedagogy

conference/&rchitecture MA Field Trip In November 2019, staff and students from the &rchitecture atelier attended the Affects as Pedagogy conference in Barcelona. Tutors Stefan White, Mark Hammond and Cagri Sanliturk presented a paper which used student projects to outline the teaching

approaches they have developed at MSA. As part of the conference, final year Masters students had the opportunity to interact with international academics from other creative disciplines, with many integrating methodologies and concepts from the conference into their studio projects. This is a further example of how our teaching and research inform one another.

African Modernisms, Ghana

Ola Uduku and Lukasz Stanek organised the African Modernism event in Accra, Ghana, where they and MSA students collaborated with undergraduate students from KNUST to design an exhibition about Accra's Waterfront development. This new partnership between MSA and KNUST will be further developed when Ghanaian students visit Manchester in the coming years.



Danish Design week: Liveable City Conference Sustainability and Mobility

Sally Stone once again entertained the highly successful Danish Embassy sponsored design week: Liveable Cities. Just five years after their initial conference, which was developed with the School of Architecture and held at the Manchester Metropolitan University, it was a great pleasure to host the quinquennial event, which was a fantastic celebration of design, the Northern Powerhouse and international collaboration. The Ambassador once again opened the proceedings in an event that coincided with the Future of the High Street Exhibition. Sally Stone conducted the liaison between the school and the embassy, Helen Aston and Tom Jefferies made keynote presentations, while selected students undertook the social media campaign for the Embassy. The event attracted audiences from all over the UK, and included discussions on the Inclusive City, the Healthy Workplace, Connected Places, Culture-led Regeneration, Housing in the Twenty-first Century and the Zero-carbon City.

Laura Coucill and Tom Jefferies (QUB) have been working closely with Carmella Cucuzella and Sherif Goubran at Concordia University, Montreal, to investigate effective approaches to sustainable urban design with a specific focus on mobility and borders.

Community Space Workshop Houthalen, Germany

Helen Aston, Emily Crompton, Kat Timmins and Sarah Renshaw, collaborated with UHasselt Urbanism students to investigate the potentialities of producing a community space in Houthalen.



New York: Association of Collegiate Schools of Architecture (ACSA) + Architecture Media Politics Society Conference (AMPS)

The school continued its association with AMPS and ACSA and was well represented at June's 'Education, Design and Practice – Understanding skills in a Complex World' conference in New York. Laura Sanderson, Sally Stone, John Lee presented Small Settlements Research Projects, Lucy Montague spoke on her collaboration with, URBED+ A Synergistic Model and Rob Hyde presented his Professional Studies research and teaching on Adaptable Hybrids For Diverse Future Contexts. The event created many new contacts and reinforced existing ones with the School of Architecture due to host the coming AMPS conference in December 2020 and April 2021.



OBITUARIES

David Ellis. 19th September 1940 – 12th June 2020

Dave Ellis was a Senior Lecturer in Manchester School of Architecture from 1970 until his retirement in 2005. He was born in Marsden West Yorkshire. He attended Royds Hall Grammar School in Huddersfield from where he got a place in the Huddersfield School of Architecture and graduated with a Diploma in Architecture. He later studied Town Planning at Leeds where he received a Dip TP. After graduating Dave went to the US and worked for Louis Kahn. In 1970, he came back to England and became a lecturer at the then Manchester Polytechnic School of Architecture.

By the time I arrived at the School as a young Lecturer in 1992, Dave was with Joe Jessop, one of the two powerhouses in the School. They had worked together in the budding community architecture space in 1980s, and were motivated to change architectural practice through an engaged form of education. They were very different people, Joe was erudite and had a tendency to quote French philosophy, whilst Dave was forthright, political and straight-talking.

Working with Dave in those days could be terrifying for students and staff... He was inspirational, exceptionally rigorous and often downright confrontational. His steely blue eyes would scan drawings like an eagle whilst his brain would search your narrative for any hint of blagging, and bang! He would tear your sloppy thinking apart! Students loved the schadenfreude of their friends being taken apart by Dave's razor-like mind. Although he was prone to aggressive critiques, Dave was also kind and caring, and this carrot and stick approach helped many students reach their potential as architects. I learnt much from working with him.

Dave brought a passion about cities to architecture which was unusual at the time. He was an urbanist before the word was invented. Like Peter Hall, he saw cities as a place for people to meet and exchange: an eternal backdrop to human life. For example, in 1993, he encouraged me to run a whole-School project called Manchester Renaissance where we imagined a populated and enlivened 24hr city centre for Manchester – we pasted up 200 inspirational posters all over the city. His knowledge of urban history was exceptional, and he had incredible insights in the historical development of Manchester. From this historical reading of the city, he developed an interest in hidden geometries: he mapped the hidden rivers of London, and marked them with a range of installations; he developed a sophisticated whole geometric model for the city of Manchester and beyond; he even was involved in the unification of Berlin! These geomantic studies of Manchester started a wider interest in Geomancy and ley lines that shaped his later work with his life-partner Mel, in their practice Earthwise. Together they were instrumental in the saving of Gorton Monastery.

In later years, Dave mellowed dramatically and was an important player in the merger of the two Schools that made MSA. During this time, he embraced a more materially engaged practice that used timber to develop an earth-friendly architecture, which utilised sacred geometry to create benign spaces for alternative communities.

I owe Dave a lot personally: he inspired me, taught me, challenged me and supported me as a junior academic. He was a real person, someone I sought out when I had problems: I trusted his judgment completely. He was a one-off and an institution in the School. I will remember fondly not only his kindness but also his ability to cut people down in full flow and his incredible ability to look straight through you! We are lucky in Schools of Architecture to be able to have such close connections between staff and students. Dave realised the power of that and changed many people's lives for the better.

Dave leaves a large family and of course, Mel. He will be missed.

Greg Keeffe
Professor of Architecture + Urbanism
Head of School of Natural and Built Environment
Queens University Belfast

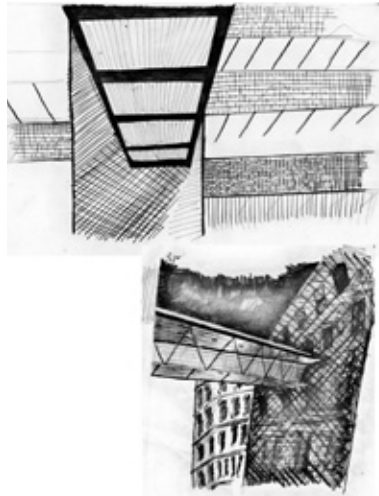
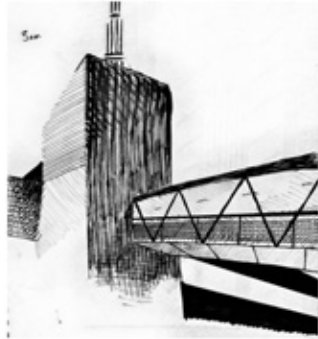
MSA 1992 – 2009.



OBITUARIES

In memoriam - Kate McBean

It was with great sadness that we learned about Kate's sudden death at the end of August 2019. Kate was in her first year and her tutor remembers her as a versatile student and a confident orator able to communicate her ideas clearly and with passion. She was growing in confidence and I think you will agree that her sketches shown here show this promise. She had obvious potential to develop into a talented architect and we in the School were deeply saddened by the news of her death. She was a good friend to many of you, and will always be remembered as a friendly, funny and talented young woman.



Remembering Vic Basil

Amidst the dark news of the global pandemic a true gentleman architect Vic Basil exited as he had lived his life, quietly and unassumingly at the age of 86 after a short illness following a fall. Vic was the commensurate architect practitioner, an entrepreneur, an active and enthusiastic RIBA member and an exceptional mentor and educator. Vic's legacy lies not just in the urban fabric of Liverpool and Manchester but in the thousands of students, and young, and sometimes old, architects to whom he passed on his enthusiasm and passion for our profession.

He was born and bred in Liverpool, his father a GP in Penny Lane reputedly delivered John Lennon. Graduating from Liverpool University School of Architecture he qualified as both an Architect and a Town Planner, typical of many post-war architects. Whilst there he was recruited by Sir William Holford, professor of Architecture to join his office in Liverpool to design the Royal Liverpool Teaching hospital. On Holford's death in 1975, Vic found himself 'jointly and severally' liable with 13 other partners he had never met from Holford's various other practices around the country, out of this Holford Associates was born.

Driving back with Vic from Manchester one day in 1985 after visiting a new client Vic pondered, "if we can get two projects in Manchester sat in Liverpool, how many could we get if we opened a Manchester office?" Swiftly followed by "Brian, you are a Manchester graduate can you find a small office for ten people" Holford Associates Manchester was born. As we recruited, Vic offered his most enduring advice, "only employ people who are more talented than yourself" – this we duly did. Under Vic's mentoring the office developed into one of Manchester's most successful practices, Vic constantly encouraging and enabling young

architects to develop client and practice management skills, and encouraging the development of relationships with both local Universities and branches of the RIBA.

In 1999, predominately driven by the national success of the Manchester office, Holfords merged with Abbey Hanson Rowe to form one of the UK's largest practices, a dream Vic had harboured and encouraged for many years. Consecutive with the merger, Vic now 65 bid farewell to Holfords, but not to architecture. He continued supporting the RIBA where and whenever possible, ran his own one man practice and went onto mentor many students at the Manchester School of Architecture through the practice management course.

It is with deep sadness that we bade fair well to Vic in 2020, but his passion and enthusiasm for our profession lives on in all those whose lives he touched.

Brian Johnson (Holford Associates, 1983-2019)



AWARDS

B.15 Modelmaking 'At Home' Award

Isobel Currie, Ruben Greyson, Lorna Lovatt, Alicia Desmay Hernandez

BA(Hons) Architecture FIRST YEAR

Joe Jessop Award for Contribution to First Year – Miruna Sara

John H.G. Archer Prize – Outstanding Achievement in Humanities – Maria Figueiredo

BA(Hons) Architecture SECOND YEAR

The Partington Prize for Best Technology Coursework in 2nd Year – Karolina Thuroczy

Andrea La Spina Award – Rowdah Charbak

John H.G. Archer Prize – Best Humanities – Benjamin Faure

Ian C.S. Crowcroft Prize – Meritus Performance – Karolina Thuroczy

Women in Property (MSA Nomination for the award) – Janie Jia Min Loh

BA(Hons) Architecture THIRD YEAR

John H.G. Archer Prize – Best Humanities, 3rd Year, BA (Hons) Architecture – Toby Goldsmith

Steady-Greenaway Prize – Outstanding 3rd Year Studio, BA (Hons) Architecture – Rosie Park and

Indigo Leveson Gower

Outstanding Academic Achievement (OAA) Awards 2020. Students achieving average score over 75%

- **Viliulis Petraitis**
- **Rosie Park**
- **Alexander Wallace**
- **Alfred McIlwain**
- **Louis Dunphy**
- **Indigo Leveson Gower**
- **Paula Bruvere**
- **Reicela Zapelova**
- **Eve Talty-Sanghera**
- **Max Frost**
- **Isobel Currie**
- **Adriana Tomeci**
- **Lee Bowen**
- **Ioana Naghi**

Dean's Award for Achievement Nomination (Undergraduate only) – Viliulis Petraitis

AJ Student Prize (MSA Nominations for the award) – Isobel Currie

Excellence in year wide discourse and debate – The MSA&U Team

RIBA Bronze Medal Nominations – Vilius Petraitis and Alexander Wallace

Masters of Architecture

The URBED Award for Integrated Urbanism

Winner – **Florence Bell**

Commendations - **Chelsea Bland, Aaron Underhill, Raya Pavlova and Shambhavi Joshi, Shadath Chowdhury**

The Hays Collaborative Prize for Best Group-work in Professional Studies – **Group B, GMDA: David Wilkinson, Erin Edmondson, Paul Wright, Eleanor Mead, Jessica Abbott, Annette Sibthorp, Florence Bell, Laurence Richards, Tobias Corry, Tara Aveyard, Lauren Gabbitas, Thomas Brunyard**

The Hays Prize for Best Individual Coursework in Professional Studies – **Daniel Vella, Kate Silvester, Sarah Jayne Stamper and James Soeno**

AHR Vic Basil Professional Studies Prize for best overall performance – **Erin Edmondson**

Bown Prize for Outstanding Design Portfolio for a 5th Year – **Kieron O'Sullivan**

Dean's Prize (for Best Drawing, Model, or Thing) – **Alice lu, Laurence Richards, Annette Sibthorpe**

Steady-Greenaway Prize for the Outstanding 6th Year Academic Portfolio – **Michael O'Reilly, Carol Sun, Maxine Zhou and Yaseen Bhatti**

AJ Student Prize (MSA Nominations for the award) – **Frixos Petrou**

AJ Sustainability Prize (MSA Nominations for the award) – **Saad Sharifeh**

Heywood Medal for the best Overall Academic Performance – **Erin Edmonson and Jim Rapanut**

G.E. Greenaway Prize – Outstanding MArch Dissertation – **Philippa Humphries**

RIBA Silver Medal Nominations – **Tobias Corry and Sarah-Jane Stamper**