Thank you. You’ve been amazing!

This book is to celebrate our 2022 graduating students and all the people that have contributed to this school and the amazing work that has come out of it over the last twelve months.

It is a unique snapshot capture of moments from across the school in research, lecture hall and beyond compiled into a dense 400-page block.

With the continuity of the academic year cycle – the ingress and egress of students – it’s always a pleasure to gather together images and words from the parts. We can see how things are different from a year ago and the year before that and that...

We can’t capture everything but we hope that it will help to mark the unique qualities of 2021–2022.

Thank you X

Liverpool School of Architecture class of 2022

congratulations.
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It is an immense privilege and gives me great pride to write this as incoming Head of Liverpool School of Architecture. Whilst we have come through challenging times, I think that LSA has been fortunate to have had strong leadership over its more than century-long existence, long may this continue! My move from Manchester School of Architecture to Liverpool, has made clear to me that although less than fifty miles apart, our school is distinctly unique and has very different characteristics to Manchester and other Architecture schools in the UK. I appreciate the attitude and drive that underpin the creative design work resulting in the ‘Liverpool architecture style’, which is still clear to see in our students. Coming back Liverpool after over more than 20 years away has been a very happy event, I have had really wonderful support and warm welcomes from all at LSA and already feel very much part of the family.

I graduated from the University of Nigeria, with a BSc. then an M.Sc in Architecture, my most inspirational teacher being Professor John Owuso Addo, one of the first Ghanaian architects, who had worked in Kumasi and collaborated with Eastern European Architects on the design of the Unity Hall student residence. I then worked for a brief period as a Junior Architect in the then named James Cubitt and Partners Nigeria Ltd, and witnessed the completion of the tail end of some of its major Nigerian modernist-post modernist projects such as Senate house, University of Lagos, Chellarams Tower (now the UBA group building) Marina Lagos and the Faculty of Science buildings at the University of Nigeria, Nsukka. After passing the Nigeria institute of Architects part 3 examinations and becoming a Nigerian chartered architect, I came out to the UK to complete an MSc, leading on to a PhD in architecture focusing on Factors affecting Secondary school Design in Nigeria. My interest in environmental design stems from my MPhil research studies on tropical school design and has also led to research into developing teaching tools for environmental analysis and thermal comfort. I am passionately in support of conserving modernist heritage and am a member of the conservation movement Docomomo International. As this is a global issue I have worked to develop Architecture writing workshops in Ghana and Nigeria to support students and young researchers in writing about their recent architectural heritage.

I am also interested in EDI issues, and particularly equity in Architecture are crucial to the evolution of Architecture as a profession for all. We are all painfully aware that there was no guarantee that Stephen Lawrence, would have become an architect today as issues of equity and access remain with us for students from underrepresented backgrounds. With Liverpool School of Architecture’s long history of welcoming international students including the hosting of the Polish School during WW2 and its International alumnae I feel we are well placed to champion today’s issues of access and equity in Architecture in all areas.

For Architectural education the past two ‘lockdown’ years have been disruptive but they have also led to the opening up of the digital and hybrid world in teaching and international collaborations. This is an area I hope we can support and build on, as we move into a post-covid world.

Finally, I am looking forward as we all are at LSA to the commencement of the building of the O’Donnell and Tuomey designed, new Architecture extension. This, will surely like the extension by King McAllister, nearly four decades earlier, bring a new unique and distinctive 21st century character to our historic school. The Liverpool Style is very much still with us.

I bid you welcome and hope you enjoy the LSA Exhibition and the work of our amazing 2022 graduate students.
‘From the ground up, from the inside out’: the new Liverpool School of Architecture

In 2019, O’Donnell + Tuomey (ODT) won the competition to rethink and extend the new Liverpool School of Architecture. The Irish practice was chosen over the thoughtful submissions of the other finalists – Grafton Architects, Eric Parry, Carmody Groarke, Haworth Tompkins and 6A.

To witness the development of the project has been a fascinating experience. After the competition a collegial approach was agreed upon: a team that included University Estates, ODT architects and LSA representatives was set up to form the project control group. Now, three years later, the first excavations are just taking place and, in the fall, we might finally see the ‘cornerstone’.

At the end of each academic year, we update the progress in the yearbook. This time it coincides with the publication of ODT’s More Space for Architecture (London, 2022) where the project is featured. So, it seemed a good occasion to read the reflections of the architects, since they agreed to publish an extract of their book – thank you Sheila and John!

The brief for this unusual competition aimed “to redefine the nature of architectural education and to challenge the current preconceptions of architectural design, imagining a building respectful of tradition, but ambitious enough to anticipate the architecture to come”. The School was committed to an inclusive process, involving staff and students in the competition assessment together with an external jury; Maria Balshaw, Kenneth Frampton (chair), Juhani Pallasmaa and Michael Wilford. The Liverpool School, having been the alma mater of James Stirling, was a special project for us.

The existing complex includes Georgian terraced houses, a 1930s courtyard building with subsequent infill and extension works. The brief recognised the “lack of cohesion among the parts, a missing public core and social spaces” while requiring all of the existing fabric to be retained. Our design adds to the narrative, starting from the baseline of the Georgian square, relating to the scale of the existing buildings, respecting their material presence, responding to the roof-lit section. Previously disconnected parts are stitched together to make a meaningful whole.

We started from the ground up; from an analysis of the site conditions, from the history of the school, from a desire to embody the project aspirations. The extension opens towards the angled geometry of the Lutyens/Gibberd cathedral. It makes a new entrance on the main street of the campus. It turns the corner to face the central green space. The building belongs to its place.

We started from the inside out; a concrete table supports timber-trussed loft-space studios above. The gathering hall is a public exhibition space, its ribbed slab supported on haunch-headed columns. Upper-level studios are arranged under 30m clear-span roof trusses, with solar-shaded daylighting. The building is designed to be adaptable to change and to last a long time.

Sheila O’Donnell and John Tuomey
ODT Architects

North East view of the new LSA, towards Liverpool Metropolitan Cathedral
This year, 128 students are graduating from our BA Architecture course. One of the smallest BA3 groups for a number of years and a result of the ongoing COVID disruptions that have influenced so much of this cohort’s university experience.

Many plans had to be aborted, adjusted or reconsidered but all staff and students in the BA always responded with imaginative and creative solutions to the many challenges. Additional tutorial sessions, extended teaching days and use of various digital platforms, alongside the gradual return to the lecture theatre mean that students were supported during all stages of the academic year.

However, the last couple of years have reinforced the significance of the studio space and the importance of working alongside our peers in a shared creative environment. It is difficult to teach or learn about architectural space in an entirely virtual environment, nor can we capture all qualities of architectural design in an entirely digital presentation. We are therefore pleased to see the return of constructed models, crafted hand-drawings and creative sketches, alongside the many computer-generated images, which have made it into this publication. It is also great to once again hold a physical copy of this work, alongside a permanent digital online record.

In the BA3, students worked in 5 different studio groups across various sites in Liverpool and beyond. Students were taking ‘informed actions’ in response to a range of architectural design problems. They have tackled issues surrounding context, heritage, culture and identity in a variety of settings. While the projects are differing in scale and location they can also be connected by shared objectives, which include: The need to relate buildings and the spaces between them to human needs, as well as an understanding of the relationship between people, buildings and their specific environment. There were some common themes of reuse, regeneration and re-imagination, which are informed by current issues and contemporary practice.

“Hybrid” working has been a theme for the last academic year and this new way of working and communicating is reflected in current architectural practice and our graduates are well prepared for this and the future:

An accredited BA degree in Architecture is a step towards practice and membership of the profession. But in the first instance it is also an introduction to architectural design and the creative process. It is challenging to meaningfully unravel and teach this complex subject, but throughout the course our students are equipped with three key strengths:

Skills
“The ability to do something well; expertise”
From the start they have gained technical proficiency, understanding of practical requirements, conventions and professional conduct. Their graphic ability in architectural representation is clearly evident in the quality of their final submission. But they also demonstrate their understanding of how technologies and expertise contribute and enhance architectural design.

Knowledge
“Facts and information acquired through education and the theoretical understanding of a subject.”
Alongside the essential skillsets, students gain knowledge of history, theory, socio-economics and the cultural context of architecture. This critical historical understanding is crucial to the proper understanding of architecture as a creative act.

Much of this knowledge is explicit in the work in this book, while some is perhaps more tacit but should not be forgotten. We know it will prepare our students for the professional life and the further studies that lie ahead of them.

Praxis
“the process by which a theory, lesson, and skill is enacted, embodied, and realized”
Most importantly, students have with the help of their tutors started to turn their knowledge and skills into individual architectural praxis.

Across the course, students have taken ‘informed actions’ on a range of architectural design problems. They have tackled issues surrounding context, heritage, institutions, identity and explored the future of the high street in a variety of urban conditions. This wide range of work is a celebration of the diversity of our School and a testament to the ability of our student cohort.

We would like to congratulate them on their achievements, thank them for their outstanding contributions and wish them all the very best of luck for their future.
In 1st year we encourage experimentation and exploration. This year we’ve done that by going to the beach – 4 times. We began at Formby Beach where we experimented at 1:1 scale by understanding site conditions and shelter building. Our 2nd trip was to Leasowe beach for the students’ 1st project, which was a beach hut for a craft person on the tidal defences. Then in Semester 2, we explored New Brighton, where the students were asked to design a Craft centre on the Marine Promenade. Our final beach trip was to Llandudno to visit Mostyn Art gallery and had fish and chips on the beach.

Throughout 1st year, students develop foundational architectural skills: model-making, orthographic drawing, sketching and theory and critical thinking. This year, students designed an external classroom through exploring, testing and developing ideas through physical model-making. In Theory, the students were introduced to critical points of view representing diverse and sometimes opposing arguments. The students were encouraged to be inspired by the texts and respond to them creating their own new, personal perspectives. In 2nd semester, in Sketching and Theory, students were encouraged to explore the Five Senses in relation to different spaces around Liverpool City or imagined spaces, seeing their body as a filter through which we make sense of spaces we explore. The students built on these key skills throughout the year producing beautiful models and drawings for their final submission.

The 1st years have been fortunate to have had excellent talks from Alex Turner of Studio MUTT, Mark Anstey of EWA and Dan Davies of Rockpoint Leisure to support their design projects.

BA1 students, we’ve really enjoyed teaching you this year. We hope you enjoy 2nd year – keep experimenting, exploring, sketching, reading and touching buildings!

The BA1 team

Thank you to all the LSA staff, BA2, BA3, MArch 4 and MArch 5 students who helped at BA1 reviews

In 1st semester, the students developed foundational architectural skills in Orthographic Drawing, Sketching, Model-Making, and Theory and Critical Thinking.

1 Liverpool Royal Infirmary, Dover Street Elevation
Charlie Young

2 Sketching outside Playhouse
Ella Mead

3 Outdoor classroom for LSA
Erlina Long
Highest Achievement School of the Arts Academic Achievement Award

4 Outdoor tutorial space for LSA
Rorik Smith

5 Theory booklet
Grace Newman
1 Jiffy Centre, Jamie Malavi; 2 The Creative Courtyard, Emily Walker; 3 The Tower of Vision Byan Basahey; 4 Scuter Art Inst. Workshop, Ashlea Smith; 5 Handcrafted Fragments, Aisling McGonigle
Year 2 is stringently defined by CONTEXT, the first semester through elevating an array of sensitive gap sites existing within Liverpool City Centre, the main studio project being the ‘a topos’ locations identified by global coordinates where each student designed in response to various attenuated typological briefs with specifically challenging climate zones from tropical to artic conditions. In each of the eight climate zones, the briefs ranged from an outdoor activity club, a visitor centre, a retreat, and a research centre. The emphasis was environmental design, as well as the relationship between a building and the landscape in which it is placed. The aim was to preserve and enhance the character of the location while facilitating a complex brief.

Semester 2 took the locale of Birkenhead with its rich urban history together with a master plan that was never fulfilled. This history forms a backdrop to a redefinition of the area firstly via an Urban Morphology project that was conducted in groups together with a modelling exercise. The studio briefs referenced typologies that ranged from a music school, a jazz club, a new school complex and finally an auction house.

The students were offered a series of sites across the area all with different challenging contextual elements that were to be responded to. This resulted in design proposals that referenced everything from the domestic terrace bay window to shipbuilding iconography and even a series of diverse global references to other cities such as New Orleans and Shanghai.

We were able to have field trips again, studio 4 went to Oxford to look at interesting buildings, including new student accommodation at Balliol by Niall McLaughlin Architects for which our tutor, Caoilinn McConville had been the project architect. Other studios went to the Yorkshire Sculpture Park and Brockholes Visitor Centre.

Special thanks
Huge thanks to the BA3, MArch 4 and MArch5 students who attended our student led reviews.
**Studio 1**
The main studio project in semester 1 was for a visitor centre in one of the eight designated climate zones, complete with a coffee shop and a small exhibition area. In semester 2, the students designed a music college centered upon a medium-sized auditorium. They again had the choice between eight sites, this time in Birkenhead, and the main challenge was to combine public and private functions on a restricted site while responding sensitively and beneficially to the wider urban area.

Visitor Centre – Exploded Axonometric
Louis Smith

**Birkenhead Music School – Exploded Axonometric**
Angel Chase

**Birkenhead Jazz Club – Exploded Axonometric**
Ching Bosco Wong

**Studio 2**
The main project defining the year in studio 2 was a jazz club located in Birkenhead that is on the other side of the river from the City of Liverpool. The scheme offered a series of opportunities to look at global criteria such as world music, cultural shifts, economic viability, political definition, ethnicity, and globalisation from the macro to the specific context of the decline and rejuvenation of Birkenhead itself.

The outputs were of a high standard and represented a series of forms that referenced the locale as well as that beyond where relevant. The domestic terrace bay window, decorative brick, and sandstone, shipbuilding references from riveting to port holes as well as the relationship to the River Mersey were all referred to as elements for informing design avenues that would in turn generate a cultural branch appropriate in reviving Birkenhead and in encouraging a more dialectical relationship with Liverpool and further afield.

Birkenhead Jazz Club – Model
Ioana Brancuza

Royal Entomological Society Research Station – Perspective
Li Yin
Studio 3

The semester 1 project was an “outdoor activity centre” and students were asked to design a building in one of eight different climate zones for an appropriate outdoor sport. The emphasis was on the relationship between a building and the landscape in which it is placed. In semester 2 the emphasis shifted from the rural to the urban, with students designing a primary school in Birkenhead town centre. They again had a choice of sites, which encouraged evaluation and comparison as part of the site analysis. While semester 1 was focused on topography, semester 2 also explored the social, economic and urban development as part of the project’s context. By working on relatively tight urban sites, students were also forced to challenge the conventional typology of a primary school: rather than ‘sprawling out’, the designs explored vertical circulation and multi-storey buildings.

Studio 4

The focus in Studio 4 was the design of BAH: Birkenhead Auction House. Some went for high end art sales like Sotheby’s, others sold old furniture or football memorabilia, each approach leading to different sorts of buildings. The theatrical quality of the sale-room and the complex circulation interface of people and objects made this a challenging planning exercise. In April we went to Oxford to look at interesting buildings, including new student accommodation at Balliol for which tutor Caolinn McConville had been the project architect for Niall Mclaughlin Architects.
BA History & Theory of Architecture modules (ARCH171, ARCH271, ARCH321)

Dr Ranald Lawrence, Dr Yat Shun (Juliana) Kei and Dr Christina Malathouni

In BA1, ARCH171 provides an introduction to the history of architecture across cultures and geographies. Students explore the relationship between architecture and society, both in terms of use and meaning, based mainly on case studies. The module starts off by considering different approaches to the history of architecture, and proceeds to discuss the many ways in which works of architecture are bound to their social, technological and climatic contexts. A series of vernacular, historical, and modern examples are examined to show how buildings reflect their cultural and geographic settings.

In BA2, ARCH 271 introduces students to key events, theory, and practice in modern architecture. The discussions are arranged thematically through People, Nature & Environment, War and Colonialization, and Globalization. The on-line teaching also gives us an opportunity for more peer-to-peer teaching and learning. Students are asked to introduce one modern building (1850s to the present) from their countries/regions of origin.

In BA3, ARCH321 focuses on the twentieth century. The changes in the conception, realisation, and communication of architecture that this century brought about were so radical that their understanding continues to be crucial for design and practice today. The principal aims of the module are that students attain a broad understanding of some of the innovative aspects of twentieth-century architecture and that they are also exposed to the great variety of approaches that one can follow when studying architectural history. In line with these points, the module is structured and delivered so that it engages students with the research of University of Liverpool staff. It consists of two delivery components: lectures and seminars. There are also a number of key texts which the students are expected to be reading every week, in parallel to the material delivered in lectures. Architectural Engineering students also join the module, as part of their own degree.

Tutors
Dr Barnabas Calder
Julian Ferraro (English)
Ewan Harrison
Professor Iain Jackson
Dr Yat Shun (Juliana) Kei
Dr Ranald Lawrence
Dr Christina Malathouni
Adam Mannis
(Engineering)
Dr Giamilia Quattrone
Professor Nicholas Ray
Dr Torsten Schmiedeknecht
Dr Mary Shepperson
Dr Junjie Xi
Dr Patrick Zamarian

Special thanks
Noor Ragaban
Razan Simbawa

Noor Ragaban
Razan Simbawa

The creation and then the destruction of Frank Lloyd Wright’s Pauson House – a mixed media two-part collaged comic
Rebekah Garner
BA3 studios have experienced a confluence of interest this year. We usually have distinctly different agendas, underpinned by common criteria, however a number of post-covid themes have asserted a more collective approach in 2021/22. This has included the importance of community; options for reinvigorating the high street; and the creative readaptation of existing buildings, including heritage assets in some projects. Every studio has based both Semester 1 and 2 projects in a single location or around a chosen theme in order to achieve a rigorous exploration of place and topic. There is no assertion that our projects are the same. Only that each studio seeks to be relevant in these emergent times and to stay connected with an architecture that has a social agenda and is both meaningful and joyous.

These last three years in, and outside, education have been challenging. No intake at our School will have experienced this more so than our BA3 graduating class this summer. Nonetheless they have displayed camaraderie in abundance and a desire to succeed whatever the odds throughout these times. There has been relentless enthusiasm and absolute determination in the pursuit of excellence. The result of such endeavour and inspirational output can be seen in the pages that follow.

Many congratulations to the class of 2022. You can be proud of your achievements and resilience in extraordinary times. We wish you further success and know that a bright future lies ahead.
Architects and students are encouraged to consider the impact of their design decisions on local and global communities living in a climate emergency. They judge building programmes that contribute to the development of a resilient city. We design with low carbon construction and re-use existing structures. Students engage in value judgments regarding the social and cultural value of existing buildings, their embodied carbon content, and the development and justification of appropriate strategies for intervention, repair and re-use. We use large scale models of architectural moments to explore how users experience our designs, considering aesthetics, internal environmental qualities, and construction.

The students’ first project employed timber construction and proposed a Community Kitchen for sites in Sefton Park. Their final project, Make Eat Share, explored how buildings on our campus could be re-purposed for making the things we use every day in sustainable ways, and to provide spaces that contribute to the social life of the city. Students began by studying and modelling these buildings, then researching an everyday object, to understand the process and impact of its production in a globalized world, alongside sustainable alternatives.

Students have used the existing structures in exciting and unexpected ways, creating useful and delightful spaces which illustrate the potential that exists in our built environment today.

Emma Curtin (lead)
Dr Ranald Lawrence
Michael Southern
Hazel Weir

Guest Critics
Daniel Aston-Clarke
Alex Dusterloh
Dan Gibson
Finnegan Hulbert
Tom James
Andrea Ku
Peter Mitchell
Kelly Morris
Francesca Piazzoni
Lucretia Ray
Raphael Selby
May Tang
Dominic Walker
Alexandra Williams
Dr Patrick Zamarian

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Phyllis Bennett
Joseph Brierley
Ye Chen
Francesca Coey
Tong Dai
Joseph Dolden
Yuhao Fei
Charlie Fletcher
Alice Garner
Ziqian Guo
Qianye Hu
Yanjie Huang
Gwilym Humphreys
Lanhui Jiang
Marco Lam
Yasi Li
Grace Limani
Ruochen Lu
Xiaohan Ma
Veronica Martinez
Huw Morris-Jones
Alexander Murthy
Minseok Park
Joshua Pemberton
Zhiye Shen
Kaja Strzeniecka
Shiyu Wang
Yenny Weng Mei
Wenxi Zhang

Reconstruction of the Box
Sumayyah Bashir
Physical Model

Winner AHMM award for Urban Heritage and Design
Sumaliyah Bashir
*Inhabiting a Frame / Internal View of Atrium Space and Factory Floor*
*Reconstruction of the Box*
*Hand drawing / cgi*

Rhys Bennett
*Fostering Connection to University Square / Varying Functions of the Modular Component*
*Assemble*
*cgi*

Winner School of the Arts Academic Achievement Award
Winner John Rankin Awards for best sketch designs
Runner up Liverpool Architectural Society Student Awards 2022

Winner School of the Arts Academic Achievement Award
Winner John Rankin Awards for best sketch designs
Runner up Liverpool Architectural Society Student Awards 2022
Joseph Brierley
Master Plan Isometric / Ground Floor Plan
Cycling Campus
cgi

Ye Chen
Proposal shown in context
Glasses Factory
Physical Model
Francesca Coey
Long section / Detail section & elevation
Engineering Coffee
cgi

Tong Dai
Perspective short section / Exploded axonometric drawing
Knitting Chaos
cgi
Joseph Dolden
Exploring an Architectural Moment
The Lonely Potter Paradise
Physical Model

Yuhao Fei
Model Photos
Planting and Harvest Community
Physical Model
Charlie Fletcher
Section through the factory / Site Plan
Charlie and the Chocolate Factory
Mixed Media (hand drawn and edited in Photoshop)

Winner Sikorski Memorial Prize for best interior design
Runner up Liverpool Architectural Society Student Awards 2022

Alice Garner
Perspective Section, showing production process and social spaces / Exterior View
9.5 Million Paper Cups
Collage

Winner BA3 Best Rendered Drawing
Ziqian Guo
Facade Experimentation
Hand-made Bags
Physical Model

Qianye Hu
Aerial View in Context
Sito Studio
ccu
Yanjie Huang
Isometric View – University Recyclable Plastic Research Center / Exhibition, Production, Meditation / Interior Activities
Recyclable Plastic Future
cgi

Gwilym Humphreys
Sectional illustration of student wellbeing centre, inspired by the seven chakras / Internal render of root chakra space.
Energetic Bodies: From the roots of the earth, to the crown in the sky.
Hand drawing / cgi
Lanhui Jiang
Perspective section / Concept poster
Contemporary Health Center

Yasi Li
Exploring an Architectural Moment
Back to Nature, A Healing Space
Physical Model
Grace Limani
The catwalk show – Axonometric section / Intergenerational activities – Views into the space
EE fashion House / Connecting Generations
CGI

Winner David Inman Fund for environmental science performance

Ruochen Lu
Lond section perspective / Space renderings
Standing Textile / Woodland Kitchen
Photomontage
Veronica Martinez
Sectional Perspective Atrium View with Mango leather sheets hanging to dry / Children's Space Exterior
Wearable Mango / Reconnecting with Nature

Huw Morris-Jones
Creating and Making – recycled coffee ink factory and screen printing studio / Section
Coffi Inc

cgi

President Swedish Wood Student Architect Award
Alexander Murthy
Exterior View / Perspective Section
The Chain Hub
csi

Minseok Park
Exploring an architectural moment in context.
Two Pitched Roofs
Physical Models
Joshua Pemberton
Facade Study
The Vinyl Cut
Balsa Wood Model

Zhiye Shen
Building from human perspective / Axonometric analysis
Art Factory – The Regeneration of the Masks
cgi

The facade is made up of translucent triangular pieces of plastic that can be made from recycled disposable plastic in our buildings and can be recycled for re-processing if damaged, making it very environmentally friendly and sustainable.

Tension is key to carry the facade components inside the gallery to the main building, making the material and aesthetic an important criterion to achieve the elevation of tension.

The main on the ground floor and the second and third floors back the building, creating a transition from the building’s outer forms to the building in proper power by.
Kaja Strzemiecka
Section of the manufactory of pillow / Render of the screening room with a mirror on the floor to reflect the sky at night
Into The Arms of Morpheus
Hand drawing, Photomontage / cgi

Shiyu Wang
Smile zone – a space for people to gaining happiness in their campus commute route / Concept collage – the ideal of utilizing artificial lighting to improve people’s emotions
Bright Corner Forever
Mixed media / Photomontage
Yenny Wong Mei
Detail Section / South Elevation
GrandMaster
cgi

Wenxi Zhang
Proposal shown in context
Experience – Teaching – Recycled Paper Products Workshop
cgi
Making a Meal of it Group Project
Students started the year by cooking and eating a meal together. Across different cultures, eating together acts as a tool for social cohesion. Our 1st project responded to this idea. Each group created a manifesto for their meal and a map or infographic to record the wider impact of their meal and a drawing to communicate something about the spatial or social experience of the meal event itself. This year all the meals were online.

CGI
In 2021/22 our Liveable cities and Fragile Futures agenda focused on Huyton’s signature Derby Road high street and its sustainable post-pandemic recovery. Projects explored tactility and haptic experience, interaction and conviviality after a world of isolation and bodily restriction.

We worked in collaboration with: Architectural Emporium, a Liverpool based chartered practice, Dr Fei Chen of research group Urban Form and Social Space and Knowsley Metropolitan Borough Council to identify and debate the post-pandemic challenges faced by Huyton.

Across the year, we undertook two consecutive design sessions. In semester 1, students envisioned a micro-plan and a meanwhile proposal for the Signature High Street. Projects activated and celebrated providing either: a temporary, reusable solution to a current challenge, an activator to test a specific need or a generator for a specific activity.

The event of Knowsley Borough of Culture was an opportunity for a playful response or a more touristic / playful / audience.

Students noted the need to engage with the train station and the church to ‘top’ and ‘tail’ the masterplan and complete the Signature High Street.

In semester 2, reflecting on this – students created a community hub with council interface on one of three high street sites. Sherbourne Square a Community Housing based hub, Mayfair Cinema site an Arts and Culture focused hub or William Hill site a Health and Well-being based hub all reusing and renewing existing empty and formerly significant high street heritage.

Students carried out measured surveys and created manifestos embedding stakeholder aspirations for proposals that contribute to the economically and socially sustainable high street for changing world.

Fragile futures, livability and post pandemic economic recovery remained core. The macro of the bigger picture and celebrating the micro in the tiny observation.

Exhibition: Ideas for Huyton 22-29 June Derby Road Huyton Village
Digital: Community Heritage Survey in collaboration with Huyton Council
Event: Council Consultation; December 21
Thank you to:
Mark Bingley, James Duncan, Phil Aspinall, Jan Moore (KMBC), Luke Cooper (AE) DK Architects, Avison Young, Holly Knight Parfitt, Molly Fitzpatrick, Conor Foster
Exhibition and Degree Show team
Patrick Allan, Samantha Evans, Xhesika Bicaku, Amina Al Najjar, Nihaad Choudhury, Leontina Frunza, Harvey Munro, Donny Daityda, Yuan Zhang, Qifeng Hou, Guyu Bao, Molly Fitzpatrick, Charlotte Bailey, Emma Smith

Students
Patrick Allan
Amina Al Najjar
Charlotte S. Bailey
Amer Balin
Guyu Bao
Charlotte Bebb
Xhesika Bicaku
Jiayi Chen
Nihaad Choudhury
Doristos Daliyda
Angela Duka
Duyuwatini
Egwodele
Samantha Evans
Anna Fairoq
Leontina Frunza
Qifeng Hou
Zoe Huang
Malik Ismail
Suni Kim
Bertuel Mehdi
Harvey W. Munro
Somviset Phoeuk
Emma Smith
Yitian Su
Yuan Tang
Bo Wang
Alexander Wignall
Jingbo Zhang
Jingshu Zhang
Yuan Zhao
Emma Smith
Stepping into the Square / First Floor Plan
Huyton ReGeneration Sherbourne Square
Mixed media

Amer Balan
Sectional Perspective / Axonometric / Proposal sketches
Sherbourne Life in Stage / Turn Back on Time Meanwhile
cgi
Guyu Bao
Perspective Section / Micro Plan
New Sherbourne: To Regain Vitality

Alexander Wignall
Axonometric of independent market / Sectional perspective of accommodation
Huyton Shares / Huyton Hospitality Sherbourne Square
Hand Drawing / Procreate / CGI
Samantha Evans
Visual Perspective / Brief
The Healthy Building – An oasis along the high street

Winner Emma Holt Travel Scholarship for academic achievement
Runner up Liverpool Architectural Society Student Awards 2022

Nihaad A. Choudhury
Section / Render / Elevation
Huyton Health / Huyton Village

Winner Emma Holt Travel Scholarship for academic achievement
Runner up Liverpool Architectural Society Student Awards 2022
Patrick Allan
Skylight Void and 360 Tour / Use of Vertical Space
Mayfair Multi-Centre

cgi

Winner Skorski Memorial Prize for best interior design

Xhesika Bicaku
Axonometric of proposal / Perspective Section of Mayfair Regeneration of Mayfair
cgi

https://youtu.be/3-QNPdz1Cc8
Yuan Zhao
Wooden castle – First floor plan / Section
Reborn castle Sherbourne Square
Mixed media

Zoe Huang
Day and Night Pop up Performance / Garden Render
Sherbourne Square / House of Artistry Mayfair
cgi

Runner up Swedish Wood Student Architect Award
Bo Wang
Mayfair Axonometric Explosion
/ Sectional Perspective
Huyton, you alright?

Jiayi Chen
Balcony Interior / Floor Plans and Dog’s View
Mayfair Cultural Hub

70 | Studio Pen and Inc

71 | Studio Pen and Inc
Yiqun Tang
Lively Sail day/night render
Compass Meanwhile proposal
Model

Jingshu Zhang
Render / Perspective section
Riotous Corner Sherbourne Square / Inheritance and continuation Mayfair
Mixed Media
**Charlotte Bailey**
Photomontage of first impressions of site / Visual of Community Hub
Journey to Mayfair
Mixed Media

**Harvey Munro**
Proposal Axonometric / Experimental Massing & Sketching The New Mayfair Centre
Amna Farooq
Old & New – Merging of materials / Detail Elevation
Rejuvenation of Mayfair

cgi

Amira Al-Najjar
The Archives – A wooden assemblage with non-specific design allowing for flexibility and adaptability in the long-run, accepting the notion of unpredictability within the “high street” / Mayfair Cinema Regeneration – Structural strategy
Liveable cities and Fragile Futures / Arts and culture based hub
cgi

Nomination Norman Foster Foundation Travelling Scholarship Runner up Swedish Wood Student Architect Award
Charlotte Bebb
Section / Elevation
New and old The Palimpsest of Mayfair / Wearing our Identity The Compass

Winner John Rankin Awards for best sketch designs
Runner up Liverpool Architectural Society Student Awards 2022

Leontina Frunza
Long section of Mayfair cinema regeneration / Concept Section
Mayfair Focus

Winner John Rankin Awards for best sketch designs
Sunil Kim
Eye level perspective / Sectional perspective
Zero Pavilion / Self sufficient village showcase for Fragile future
cgi

Winner RIBA Project Management Poster Award Prize

Jingbo Zhang
Sectional Perspective / Model
Mayfair community
cgi / Model
Donatas Dailyda
Exterior
Mayfair
cgi

Angela Duka
Perspective Concept / External Render
High Street Escape / Huytons New Mayfair
cgi
Malak M. Ismail
Elevation / Visual Brief
Light in the tunnel
cgi

Bettuel Mehdi
Elevation / Render
Weekend at Mayfair
cgi
Qifeng Hou
A political approach to help towns rise / A cultural centre and council hub to help Huyton Village high street regenerate
Huyton Commune
cgi

A number of semester one meanwhile activators
1 Heritage Survey @huyonvillagecentre Background Charlotte Bebb Wearung Our identity
2 Cycle Power Tower Samantha Evans
3 Shared 1:500 site model
4 Huyton Shares Alex Wignall
5 Sketch microplan Amira Al-Najjar
6 Huyton Community Centre Harvey Munro
7 Riotous Corner Jingshu Zhang
8 Peoples Pods Charlotte Bailey
9 Growing on the Roof Guyu Bao
Projects aimed to focus on a specific level of the high-school and a particular activity.

Students created a community hub with a central plaza, which is one of the high-school locations. The project included a library, a water fountain, a community meeting place, and a community garden. The project also aimed to create a sense of community and encourage social interaction among the students.

Students created a design for a specific area of the high-school. The project included a classroom, a library, and a meeting room. The project aimed to create a functional and efficient space for students to learn and work. The design also aimed to create a sense of community and encourage social interaction among the students.

Tutors:

SpecialThanks:
Practice North

Richard Dod (Lead)
Jane Moscardini
James Jones
Anthony Mackay
Special Guest
Roger Stephenson OBE

Guest Critics
Dan Wiltshire
Lee Bennett
Valentino Capello
Yu Zhan
Mike Cruise
Jasmin Eastwood
Dr Marco Iuliano
Nina Edge

Special Thanks
Mike Hutchison
Jaimie Ferguson
Stuart Gee
Father Stavros Kasinos
Daniel Draper

Practice North focuses on the history and under-exploited potential of Liverpool. This year we explored themes of place-making and community in nearby Toxteth, L8. Our Semester 1 and 2 sites are located adjacent to each other and form the boundary of a neglected city block. St Nicholas Greek Orthodox church forms the centrepiece of this urban triangle. It has narrowly survived second world war bombing and the Toxteth riots, unlike the neighbouring urban fabric which – in addition to destruction from these events – exhibits signs of decades of underinvestment. Our sites are two vacant lots on the perimeter of this area.

The first studio project was to design a community art gallery and studios as a means of urban regeneration and in recognition of the emergence of Toxteth as a place where art and community are valued. We visited Granby Winter Garden by Assemble and toured the Welsh Streets area that was saved from redevelopment by local activism and design diplomacy. Studio members were encouraged to consider how their design might respond to local conditions and, following an urban design workshop, provide a vision for the wider public realm. The second project was to design a Youth Zone. The project brief required a range of accommodation and facilities but also offered the scope for reinterpretation through individual research and analysis.

Students

Karolina Adamiec
Hamad Alnaqbi
Imogen Campbell
Kel Shen
Aaron Griffin-Keogh
Will Jackson
Anna Kulisz
Riyash Kumar
Zak Kurtulus
Alessandra
Lanzoni-Rivers
Zonda Lau

Danny Lay
Johnathan Li
Amelia Maddocks
Bethany Mellor
Louis Marchini
Aishlin McGowan
Lynn McKinnon
Hannah Metheran
Mina Murid
Thomas O’Loughlin
Henry Omodoko
Owen Risetley

Zivoin Ristic
Eleanor Robinson
Sarah Sencel
Thomas Simpson
Clarence Tang
Grace Webb
Jingyi Wu
Zheqiang Zeng

Climbing wall: Informal (above) and Formal (below) use
Karolina Adamiec
Karolina Adamiec
Upper Stanhope Street View / Perspective Section
Confluence of Communities
Mixed Media / Photomontage

Winner of Best BA3 Model
Runner up School of the Arts Academic Achievement Award
Winner Emma Holt Travel Scholarship for academic achievement
Ale Lanzoni-Rivers  
External View / Internal Visual  
L8 Youth Sanctuary  
Mixed Media, Photoshop

Zak Kurtulus  
External View / Entrance, Sports Hall and Youth Zone Interiors  
Toxteth Tetrad  
cu

Jicwood Prize Shortlisted  
Winner RIBA Project Management Poster Award Prize
Johnathan Li
Berkley Street Elevation / Internal View of Youth Forum
Subtraction
cgi

Amelia Maddocks
Arial View / Interior
Play Street
cgi
Bethany Mallard
The Regeneration of Berkley Square – Masterplan Arial View
If Walls Could Talk – A street art takeover of Toxteth
“The Bridge” Youth Centre & Stanhope Gallery

Louis Marchini
View from Princes Avenue / Inside the Frame
X40 – Community Art Exchange
cgi

Winner of Best Contextual Response
Runner up Liverpool Architectural Society Student Awards 2022
Lyra McKinnon
Upper Stanhope Street Elevations
Toxteth Youth Innovation Hub
Mixed media: oil paint, spray paint, cardboard collage
Photoshop Collage

Hannah Meheran
Community Youth Centre – Perspective Section / Entrance to the Young Generations Future
Shape L8
cg
Zivoin Ristic
Ground Floor Axonometric
Kinetic Community
cui

LSA entry for AJ Sustainability Prize
Winner Charles Anthony Minoprio Prize for best rendered drawings
Runner up Swedish Wood Student Architect Award
Runner up Liverpool Architectural Society Student Awards 2022

Ground Floor
1. Skatepark
2. Climbing Wall
3. Multi-Use Hall
4. Bucket Sculpture
   by Richard Huws
   (relocated to site)
5. Indoor Street Market
6. Health Suite with
   24/7 Pharmacy
7. Community Garden
Clarence Tang
A vision for the L8 Section – The long staircase serves as the centerpiece of the design
The L8 Prospective Model / cgii

Danny Lay
Berkley Street View / Aerial View of City Block
Toxteth Terraces
cgii
Arina Kulinich
Multi-purpose Hall / Site Axonometric
Urban Hub
CGI

Eleanor Robinson
View of square / Interior / Section
Y2L8
Photomontage

Winner David Inman Fund for environmental science performance
“The Long Now is the recognition that the precise moment you’re in grows out of the past and is a seed for the future.”

Brian Eno (founding board member of The Long Now Foundation)

Designing architecture can be a contradictory process. At once designing for the present, with the inherent optimism of designing something for the future, whilst also considering and referencing our shared histories. Our understanding of what is ‘now’, and how that affects future ‘nows’ is critical if we are to address the challenges ahead.

This year, Studio NOW has been investigating high streets. Their decline has been well publicised – threatened by out-of-town shopping malls, online shopping, a monoculture of retail uses, changes in consumer habits and more recently COVID-19.

Like most historic high streets, our wider site, London Road, was once the beating heart of social life with a variety of uses, including numerous pubs, cinemas, restaurants and a wide variety of shops.

Projects this year look to create a future vision for the area and propose a new gathering space. Each student has interpreted what this new typology might be, and formed their own individual brief. The bones of a typically outdated department store has been our host to test, trial and prototype a wide range of ideas all seeking to activate the high street once again.

We ask, can a renewed idea of the high street as a social space reinvigorate our town centres and provide new, sustainable and accessible spaces for urban life to thrive?

James Crawford (studio lead)

Graham Burn
James Crawford
Ben Devereux
Alexander Turner

Special Guests
Mat Barnes
Ione Braddick
Alice Brownfield
Marc Cairns
Emma Colthurst
Laura Gaskell
Ernst ter Horst
Evronne Mackenzie
Rachel Patel
Alex de Rijke
James Rogers
Su Stringfellow
Fran Williams
Hannah Wilson

Special thanks
Adam Booth
Richard Jennions
Will Howard
Jason Coe
All the staff at Ty Pawb, Wrexham.
Sophie Percival

Students

Thomas Barlow-Kay
Haowen Bo
Carrie Boon
Lewis Bushall
Lok T. Chiu
Kathrina Fung
Cara Grime
Daniela Hudson
Korej Husselboe
Daniel Jolivette
Ajei Kesavara
Finlay Law
Fonda Lee
Emma Loughnane
Natalia Malin
Myah Phee
Bowu Ou
Josh Richardson
Liza Rose
Ben Rylance
Nainin Sharratt
Yusra Sonwar Akhter
Ben Sutherland
Zhi Tan (Andrine)
Tianjun Tan
Emilia Taraszkiewicz
Yarfei Wang
Qiqing Xu
Li Zeli (Jiand)
Zihan Zhang

How Long is Now: The Kunsthaus Tacheles, Berlin
Alamy Stock Photo

Collection of student models
NOW Model selection
Photo: Sophie Percival
Thomas Barlow-Kay
The project proposes a social music and art centre that engages local community groups with the creatives of Liverpool. Using the abandoned TJ Hughes building, two flexible performances spaces linked by an open plan food hall hosts events showcasing and celebrating local Artists, Musicians and DJs.
Foodhall Scene / London Road Scene
The London Road Project

cgi

Winner David Thistlewood Dissertation Prize

Haowen Bo
Perspective Rendering-view in the atrium / Axonometric Explosion
W(e)AVE GALLERY
Rendering / Mixed Media
Carrie Boon
Long Elevation to Stafford Street
Bay Elevations showing action of open air stalls within the proposal
London Road Market
cgi

Lewis Bushell
The Fabric district transport hub – An affordable, sustainable, and flexible gathering space providing services to the commuters of Liverpool / Transport hub exterior showing interaction of commuters with building and surrounding infrastructure
OK Commuter
cgi
Lok T. Chin
Aerial view-sculpture garden / Iso view – Visualisation of new high street – Stafford Street
De pARTment Store
Model

Katrina Fung
Exterior render / Interior
The MakerSpace
cgi
Cara Grime
Elevation Drawing / Rendered Elevation
Thread Exchange
cgi

Kerry Husselbee
View from London Road / Internal view – using the existing structure
London Road Creative Centre
cgi
Ajey Kesavaraj

cgi

Finlay Law
Community Sports Hall interior / Food Library interior
Fit Kitchen
cgi
Fonda Lee
Future Strafford Street – A place to pursue dreams
UNiTé
Hand drawing / Model

Emma Loughnane
Mixed use market and fashion studios / Adaptable retail market
Wearhouse
Model / cgi

Winner Sheppard Robson Jicwood Prize
Winner RIBA Presidents Bronze Medal – part 1
Runner up Liverpool Architectural Society Student Awards 2022
Natasha Mallin  
London Road Reimagined / Entrance Perspective of Climbing Wall  
*THRIVE*  

Myah Phelan  
Live, Work, Protest.  
Stand Out – development models and facade patterns for a non-profit art hub in Liverpool  
*NOW or NEVER*  
Photomontage / Mixed media, spray paint
Boyu Qu
Exploded Axonometric of music venue / View of green house
POP MUSIC VENUE
cgi

Josh Richardson
Proposed redevelopment of Monument Place, including SoundGarden and Café NOW / View inside SoundGarden Glasshouse
SoundGarden
cgi
Liza Rose
Internal Collage image / Glasshouse for Aromatics model
The Glasshouse
cgi

Ben Rylance
‘The Nest’ @ HABITAT – Internal view of the main venue space with a double balcony structure /
Night Section – Activity level and uses
HABITAT
Mixed Media / Hand drawing
Niamh Sharratt
Theatre – a view from the first floor / Long Elevation – the view from Stafford Street

The Department Store As a Theatre

Yusra Sorwar Akhter
cgi
Ben Sutherland
The People’s Library and Music Hall – East Elevation / The Courtyard – an informal welcoming
Indoor Voices
cgi

Zin Tan (Andrine)
Youth Centre and Urban Farm / Greenhouse Envelopment
Grow & Grow
Collage / Model

Winner BA3 Best CGI
Tianjun Tan
Fabric Hub - A socialising space for fabric designers in Liverpool / Physical Model of ‘Fabric Facade’ and ‘Fabric Stair’
Fabric Hub
Rendering / Model

Emilia Taraszkiewicz
Food court and Theatre – View from London Rd, Liverpool
People attract People
Photomontage / cgi
Yanfei Wang
Sectional perspective of the building – including theatre, market, food hall, classrooms / External perspective of London Road – combination of old and new
Shopping as Theatre

Qianshu Xu
cgi
Li Zeju (Jared)
Diploma piece
TJ Hughes Bar

cgi

Zihan Zhang
Food hall & fashion studio-external view / Night view at atium area – fashion show
Foodie&Fashion
cgi

Winner Architects Journal Student Prize – part 1
Winner Sikorski Memorial Prize for best interior design
Historic buildings present particular challenges when considering new design proposals in their vicinity. Our studio focuses on interventions in these contexts, whether building a dialogue between old and new as adjacent yet separate designs, creating new extensions, considering design solutions within the footprint of the existing building itself, or a combination of these. Our ethos is to encourage creative and innovative design ideas whilst respecting and adding value to the existing historic built context.

Semester one saw us working with the Friends of Williamson’s Tunnels to design a visitor centre on the site of Joseph Williamson’s house; a businessperson in Liverpool renowned for building a network of underground tunnels. Responses including sweeping roof structures to create bold and contemporary forms inspired by the original tunnel designs below, ramped subterranean entrances giving direct access to the exposed kitchen ruins, as well as vast atriums overlooking these and the original Williamson house façade.

In semester two we explored designs for a traditional building skills hub for the National Slate Museum Wales. We worked amongst ruined slate worker cottages that are a part of the former Dinorwic slate quarry. Design strategies at this industrial yet picturesque site ranged from a series of grouped buildings carefully connected via landscaping, interventions directly working with the slate cottages, as well as elements giving prominence to the panoramic views over Llyn Peris and Yr Wyddfa.

The projects shown here are a celebration of the efforts of the entire studio, who showed resilience, skill and dedication to produce a variety of creative design responses throughout the year.

Maria Anselmo da Rocha
Zhongquan Bai
Joe Camlin
Sam Cole
Yue Dai
Emily Dodd
Max Dresler
Ryan Farrell
Daisy Foster
Maddy Gallant
Rebekah Garner
Veronica Gawlik
Tonnaaz Goold
Freyja Harrison
Stephanie Hopkinson
Ali Jones
Cadi Jones
Meral Kozibek
Sonja Lissone Johnson
Ethan Martin-Yates
Rupert Morley
Cai Owen
Claran Robinson
Izzy Saxen
Ellie Smith
Zuzanna Staniecka
Charles Thadwald
Sam Thomas
Alex Walker
Nanxue Xie
Zhaoyun Xing
Ziting Xiong
Yilun Zhu

Ensemble Drawing
Joe Camlin
CU
Zhongxuan Bai
Interior Visualisations / Perspective Section
Layers of Rocks
cgi

Joe Camlin
Mountainside Cross-section / Mountainside Visual
Mountainside
cgi
Sam Cole
Lane Render / Site Section
*A Walk Down Memory Lane*
CGI

Yue Dai
Site Perspective / Illustrations
*Barracks Traditional Skills Hub*
CGI / Hand Sketches
Emily Dodd
Site History / Design Development
The King of Edge Hill

cgi

Max Dresler
Exploded Axonometric / Sections and Elevations
Arsylwi Môn (Anglesey Observe)
cgi
Ryan Farrell
Rendered Perspective Construction Detail / Exploded Isometric
Anglesey Barracks Traditional Skills Centre
cgi

Winner BA3 Best Background Research
Winner Swedish Wood Student Architect Award

Daisy Foster
Visitors Centre – Axonometric Section / Site Plan – Heritage Centrepiece
Williamson Tunnels Visitor Centre / Centre for Building Skills
cgi

Winner RIBA Presidents Bronze Medal – part 1
Runner up Liverpool Architectural Society
Student Awards 2022
Maddy Gallant
Night Time View of Walkway / Elevations
The Miner’s Trail

cgi

Rebekah Garner
Whole Site Axonometric / Internal Street
Remembering Traditions

cgi

Winner David Thistlewood
Dissertation Prize
Veronica Gawlik
South Elevation – Contrasting Materiality Between Old and New / Ground Floor Plan
Forgotten Heritage
cgi

Stephanie Hopkinson
Sunken Atrium / Cafe
Sunken in Time
cgi

Cafe
Freya Harrison
Sketch Section / Elevation Drawing
Anglesey Barracks
cgi

Abi Jones
Knitted Concept Model / Site Montage
Bed and Barracks
Physical Model / cga
**Tomasz Gogol**
External Render / Connection Between Old and New
Traditional Building Skills Hub

cgi

**Cadi Rees Jones**
A View from the Anglesey Barracks / The Quarry Workshops
Caban y Chwarelwy / Quarriers Cabin
cgi

**Runner up Swedish Wood Student Architect Award**
Ethan Martin-Yates
Courtyard Render / Plan
Traditional Building Skills Hub

Rupert Morley
Isometric Drawing / Interior
Visualisation – Workshop Spaces
Return to the Mountain
Caio Tudur Owen
Accommodation Unit – Traditional Welsh Crog Loft Design, a ‘Suspended Room’ / Environmental Section
What’s Past is Prologue

Ciaran Robinson
South Elevation / Exploded Perspective
The King of Edge Hill

CGI
Izzy Saxon
Site Axonometric / Interior Visualisations
Traditional Skills Hub

Ellie Smith
North East Elevation / Before and After Montages
Traditional Building Skills Hub

cgi / Physical Model
Zuzanna Staniecka
Site Section / Old and New
Llanberis Hub for Traditional Building Skills
Mixed Media / Photomontage

Charles Thadwald
Site Perspective / Interior Visuals
Anglesey Barracks Education Centre
cgi
Ziting Xiong
Exploded Structural Isometric / Elevations
*Lie in Mountain*

cgi

Yilun Zhu
FoWT Entrance Render / Barracks Concept to Render Process
*Edge Hill Cube / PLUG-IN Barracks*
Mixed media
Introduction to M.Arch

Dr Rosa Urbano Gutiérrez
Reader in Architecture, Programme Director M.Arch

Our MArch Programme ambitions to provide an environment of intellectual discussion about current discourses in architecture and culture. We aim to promote creativity, innovation, imagination and experimentation in our studios, which we want to relate to a stronger integration of history and theory, technology and urban, structural and environmental design, but also to the use of new design methodologies, hands-on seminars and the active inclusion of new technology, media and formats in the design process. Our tutors have strong research and professional backgrounds, to grant that our students are competent and confident in all areas of the profession and scales of intervention, from urban design to the technical development of the building. Our design schemes explore both local and international issues: working with real projects in the UK context allows input from national stakeholders to the briefing and review process, but equally important is to reinforce global citizenship, acknowledge the international nature of our cohorts and develop the skills to work in different contexts on site and remotely. Our successful international field trips, design competitions, collaborations with different universities and the diverse range of our exchange programme further support this vision.

Unique to the MArch at Liverpool, it very successfully offers a dynamic structure to support collaborative practice, alternating individual and group work, introducing the students to the opportunities and responsibilities of both methods. Our programme also wants to be led by the students own interests, with brief-making and a personal exploration of a wide range of media and resources as part of the design process, strongly supported by seminars and guest lectures delivered by world class tutors, academics and practitioners. The broad range of design investigations provides a stimulating and highly rewarding learning experience, and the freedom allowed in the programme enables the student to develop a personal perspective towards design, which frequently informs their professional career. Our graduates have an excellent record of employment in both internationally renowned offices and small-scale specialist practices.

Urban Space – Designed for Whom?
Interrogating the right to safety.
Molly Fitzpatrick, Philipa Mack, Ka Ho Tang, Daniel Aston-Clarke
Budapest: Remote [Re] Discovery

The first year of the MArch explores the relationship between architecture and the city. The studio is structured through a series of interlinked stages (ARCH401 and ARCH402 in semester 1 and ARCH403 and ARCH404 in semester 2), where students work through critical architectural projects that traverse the full range of scales, from the urban strategy to the design of an urban building, to its finest technical details.

This year the city of our study was, for the second consecutive year, Budapest, Hungary, which we could not visit due to the COVID-19 travel and health and safety restrictions. The theme of the studio, Remote [Re] Discovery has built upon these restrictions and called students to develop tools to engage with a place they cannot visit. How can we explore, read, represent, and design for a city we cannot physically experience? What are the media that architects have in their hands today to understand the multiple realities of cities at a distance? What are the material, cultural, political, economic, and environmental capacities of the city that we can unmask and reprogram in this manner, and how can we develop interventions that release them and make them productive in new ways? Throughout the year we engaged with local agents; we studied the city’s deep history through text, maps, photographs and videos; we drew and re-drew its multiple layers; and, we modelled its endless potential. Under this framework, the three studios developed different methodologies and programmatic approaches.

Ultimately, Budapest became trope to enquire what a Central European city is and how it may be reimagined in the context of complex contemporary challenges.

Alongside the studio, taught modules in Urban Design Theory, Practice Management & Contract Law, and Sustainability in Practice, provided further support to students’ academic development, while Research Methods in Architecture prepared them for the writing of their dissertation in the second year of the programme.
Urban beaches are exceptional public spaces. A place of leisure between sea and land, natural and built environment. They are a celebration of everyday life. A place where the city takes time off and plays. A place where domestic routines are exposed in public. An urban beach is a kaleidoscope, displaying a perpetually changing pattern of city life. Here, structures, objects, pieces of homes, games, social norms, and codes of behaviour mix in a seemingly spontaneous yet highly choreographed configuration. Beaches are both spaces and events.

Budapest is the capital of a landlocked country with no seashores. The studio used the “beach phenomenon” as an operative term. As we explored ideas around public/civic space, the question posed was: what lessons can we learn from this urban typology? In the field of towels, beach beds, coolers, umbrellas, and personal objects, how are the private-public boundaries negotiated? Can beaches teach us how to address the reciprocal relationship between the public and private realm?

In this context, the first semester’s civic space design tackled domesticity in the public realm. In the second semester the studio flipped the order as they developed housing proposals as part of the city’s public infrastructure.

Five themes through which the urban beach can be analysed were extracted, producing a comprehensive brief to discuss public and domestic space:

1. Ownership/politics
2. Infrastructure
3. Urban form
4. Temporality
5. Nature/Environment
Have you ever had the feeling, while reading a novel, a piece of non-fiction, a poem, or a short story, watching a movie that you are inside a structure built, knowingly or unknowingly, by the writer or filmmaker? We are not referring to the reader's natural process of imagining and visualising the locations described in the text, but the clear sensation of being immersed in a space – literary or cinematic space – built by somebody else. In fact, the studio argues that there is a clear relationship between space/architecture and storytelling, and good architects often approach architectural design with an understanding of narrative and structure.

It is hardly an original proposition, but some of the best critical histories of urban life, and some of the most powerful representations of buildings and cities, are arguably not produced by urban or architectural historians but by novelists and filmmakers. Literature and film can enrich our understanding of place, illustrate the phenomenal logical character of the city in an immediate and pressing way, and simply evoke the most precious of things, the atmosphere and experience of urban life, of moving and being in time and space.

The studio looked at the city as "narrative construct" that exists as much in reality (hard city) as well as in the minds of dwellers, on-site observers and off-site consumers (soft city). Hence, we used spatio-temporal techniques and methods to explore architecture and the city. Students were trained to see the city with different eyes; learned about the architectural tectonics of texts/films/games as well as the narrative structures/qualities of place.
The contemporary arena of architecture seems dominated by trends identified with specific terms that are in the region of the ‘here and now’: words like sustainability and innovation are often used with superficial and opportunistic meanings to fund or justify projects in a politically correct way. Without denying or neglecting the importance of these topics for the public good (if properly framed), the studio aims to rediscover the fundamentals of architecture, which should form the basis of any intellectual argument for thinking and making.

Le Corbusier’s position on the relationship between human and nature, just after WWII, could still be a significative starting point so as, in the first instance, to relate ourself to a given context. The analysis of how this relationship operates, should anticipate any modification of the natural and of the built environment:

In this time of upheaval, we must discover the constructive principles of man and the environment: essential man and profound nature. Man is a product (perhaps the highest) of nature, and is consequently a mirror of it; nature, a part of the cosmos [...]. Human work should reflect solidarity with the work of nature.

Then, column, capital and composition: our cities are full of objects and of concepts that form the vocabulary and the grammar to write architecture. Are we in control of these devices that have influenced our way of perceiving and thinking architecture for millennia? In order to renew their use today, we need to understand how they were conceived and how they evolved.

In the past the classical language of architecture was used to define surface and space, power, social status and authority. Critically interpreting this language, together with the consideration that the human being has to be harmonic with the environment, we can devise a meaningful approach for the future of architecture.
M.Arch Dissertation

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M.Arch Dissertation Module Co-ordinator

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How can the architectural profession tackle racism, ableism and androcentrism? What can we learn from nature to promote a more sustainable building production? How can we address the needs of visually impaired children and people who suffer from mental health problems? Is there a future for collective housing, and how do we avoid the failures of the past? What to do with our built heritage?

These are just some of the intriguing questions that have been tackled in this year’s dissertation work. Some students focused their research on local issues, making the most of the wide range of resources available to them at the University and in the wider city region. Others chose their case studies in countries as far and wide as Germany, Italy, Poland, Cyprus, the Czech Republic, China, and Bangladesh, with several students using the relaxation of lockdown rules to carry out research in their home countries over the summer.

The students’ written dissertation in the first semester of MArch 5 is the outcome of a sustained intellectual effort that starts in the methodology module of the previous semester, where students formulate a research proposal and are paired with a suitable supervisor to give them advice and guidance throughout the process. Though they collaborate closely with their supervisors, students are encouraged to take full ownership of their dissertations. Their topics and emphases are thus a reliable barometer for the changing mood and priorities of a generation of architects shortly to enter our profession.

The thematic and geographical spread of our dissertation work is a distinctive feature of our school and reflects the diversity that exists within it. This has been particularly noticeable in the past academic year, which saw an unusually large graduating cohort. 37 members of staff were involved in supervising and assessing the dissertation work of 65 students — roughly twice the number than in previous years. I commend our students for producing work of generally high — and sometimes exceptional — quality.


James Alexander Hole
M.Arch5

Dissertation Tutor
Dr Ataa Alsalloum

Winner RIBA Presidents Dissertation

Winning Research Title
‘Past, Present, and Future Urban Developments on Liverpool’s Historic Urban Landscape’

Pier Head and Mann Island: historic buildings and new developments

James Hole, Google Earth

The recent de-designation of Liverpool’s World Heritage Site has brought to light the impact that current developments are having on the city’s heritage. James Hole’s study provides a detailed analysis of the changing relationship between heritage and development on Liverpool Waterfront’s Historic Urban Landscape over the past forty years. James explores this relationship by using a new heritage impact assessment methodology which analyses the impact that developments have had on three core values: Integrity, Authenticity and Outstanding Universal Value. These values are assessed by comparing elements that have not been brought together in previous methodologies, ranging from urban to architectural elements and their tangible and intangible domains. In addition to the heritage impact assessments, James carried out interviews with experts on the Liverpool heritage context to deepen the understanding of the impact of developments. He chose three case study areas for closer analysis: the adaptive reuse of the Albert Dock Complex (1981-88), the Pier Head Developments, including the Museum of Liverpool and Mann Island Buildings (2007-2013), and the Stanley Dock Conservation Area, including the Stanley Dock Complex and the Everton Stadium proposal (2021 onward). James concludes that adaptive reuse schemes have proven to be successful on the Waterfront’s historic urban landscape, whereas urban interventions have shown to have a harmful impact on heritage. To gain a better understanding of how Liverpool can strengthen its grip on safeguarding heritage, he recommends that additional research be carried out on Liverpool’s historic urban landscape, with the inclusion of additional development case studies and the study of successful cases of urban interventions in historic areas in other cities.
Gabriela Grodny’s dissertation examines the urban and social transformation of two post-war Eastern and Western Bloc new towns: Nowa Huta in Poland and Stevenage in the United Kingdom. It discusses their administrative framework, political background and ideological influence on the new town urban image. Drawing upon a broad range of literature and archival sources, Gabriela analyses the social background of the first residents, their first experience of the new urban environment and their active response to the urban design imposed on them by their respective governments. By evaluating historical maps and newspaper articles as well as correspondence deposited in local archives, the dissertation traces and classifies the urban transformation patterns instigated by the residents of Stevenage and Nowa Huta. Through a comparative study of case studies on either side of the Iron Curtain, it finds common themes regardless of political circumstances: new living conditions, residents’ background, employment, future plans, and a demand for places to meet their social needs. Both towns were subject to multiple strikes and social actions to satisfy their inhabitants’ social and architectural aspirations. Gabriela argues that such community activities significantly contributed to the creation of an urban transformation pattern: the construction of an excessive number of buildings with identical social functions.

Underground spaces have been accommodating human activities since the Stone Age. Yet contemporary designers no longer consider them due to stereotypes and technological limitations. Given the shortage in land supply, Ho Fung Lee wonders whether it might be time to re-discover these spaces for future architectural interventions with the aid of biomimicry, a problem-solving tool that over time has successfully inspired designers to overcome a wide range of challenges through innovative strategies. Underground spaces have protected countless lives in human history, and they have greatly improved transportation efficiency, notably through the development of the famous London Underground in the late nineteenth century. Some of these spaces are being forgotten while new developments are being announced every second. Ho Fung’s dissertation aims to uncover the lost stories that are hidden in an abandoned station of the Tube and suggest potential environmental strategies for underground spaces based on the study of precedents around the world. Interviews with experts as well as members of the public suggest that the idea has broad support; the main reasons why so many re-development projects remain on drawing boards are the high costs involved in executing them as well as the reluctance of developers to engage with a medium with which they are not familiar. Even though contemporary technologies could solve some of these issues, Ho Fung predicts that the time for financially sustainable underground developments is yet to come.
M.Arch Dissertation: Community-First Living: Identifying and Assessing Local Strategies to Resist State-Led Gentrification

Daniel Aston-Clarke
M.Arch
Dissertation Tutor
Emma Curtin

According to the Department for Communities and Local Government, in 2019 an estimated 1.11 million households were on the waiting list for social housing; the Office for National Statistics meanwhile recorded only 60,300 dwellings built between 2017-2018. These stark figures evidence today’s social housing crisis in England. It is this crisis that forms the backdrop to Daniel Aston-Clarke’s dissertation. Following an analysis of how and why this crisis has arisen, his study focuses on contemporary regeneration/state-led gentrification schemes which envisage the demolition of council estates, resulting in the wide-scale decanting of residents. The objective of Daniel’s research is to identify and assess local strategies adopted by residents to resist regeneration. He identifies two suitable case studies to pursue this objective: the Heygate Estate in Southwark and Cressingham Gardens in Lambeth. His research is informed by relevant literature and digital resources as well as two interviews conducted with key stakeholders, one with Geraldine Dening from ‘Architects for Social Housing’, the other with a resident campaigning to save Cressingham Gardens. Framed by the notion of ‘community-living first’ – once formerly enshrined in social housing policy and today a major driver behind estate communities resisting gentrification – Daniel’s dissertation affords new insights into strategies relating to the language and communication of regeneration; political climate and the timing of resistant actions; self-organisation; social value, networks and skillsets; and the imaging/publicising of estates.

M.Arch Dissertation: CITY vs BODY: Did modern planning movements develop as a response to the perceived threat of female sexuality?

Bonnie Jackson
M.Arch
Dissertation Tutor
Anna Gidman

Even in the earliest texts on the foundations of Western society (Eve and Lilith in the Book of Genesis, the myth of Pandora’s Box, Plato’s writings, and so forth), the female body has historically been pitted in opposition to the ‘reason’ and ‘order’ of the polis and the city – the whole of civilised society. This is contrarily declared a genius produced by the ‘rational mind’, which is distinctly ‘male’. The masculine represents consciousness, mind, omniscient presence, whereas the feminine – stressed in its physicality as a ‘body’ – is placed in the spatial realm as a constant threat to the fabric of society. With (historically male) architects and planners occupying a position of authority over the physical realm, from the onset of modernity the conflation of ‘female body’ and ‘problematised city’ requiring design, intervention and ordering by male rationale became an oft-repeated metaphor in urban proposals. In her dissertation, Bonnie Jackson explores how nineteenth-century planning doctrine conflated ‘sick’ cities specifically with the bodies of female sex workers, and how the drive to perform ‘urban surgery’ on said city/body exposes a male anxiety with female sexuality, demonstrating a crusade to control women’s desire. Drawing on a range of disciplines, she divulges how ideas surrounding women and the female body were socially constructed in relation to spatial practices. This social history forms the context for individual case studies relating to cities, urban proposals, and planning movements, which she uses to test her claims and hypotheses. Bonnie concludes by highlighting the controlling effects that sexist ideologies have had upon limiting women’s spatial and social mobility.

Lyrics of the song ‘Moved On’ by Jimmy Aldridge and Sid Goldsmith, written in response to the disenfranchisement of communities as a result of urban regeneration (2017)
I. What? theme

"An original design thesis needs to be both experimental and rigorous, responding to
• an actual problem(s): Topical
• or by developing solution that anticipates certain problem(s): Speculative"

The thematic direction will be proposed by the LSA research groups in line with their current investigations and thematic interests.

1. Urban Form and Social Space (Katerina Antonopoulou, Francesca Piazzoni, Juliana Kei)
2. Archiam (Soumyen Bandypadhyay, Giamila Quattrone, Mary Shepperson Claudia Briguglio, Matina Vrettou, Konstantina Georgiadou)
3. Moving Image and Digital Realities (Richard Koeck, Hamid Khalili)
4. Pragmatic Theories (Marco Iuliano)
5. Housing Research Group/Houselab (Johanna Muszbek, Rosa Urbano, Pietro Pezzani)
6. History Conservation and Heritage (Iain Jackson)
7. Northwest Urgencies-Thinking Practice (Jack Dunne, Peter Farrall)

II. How? method

In research by design methods, the experimental process is ensured by finding the right design tool(s). The design tool is a medium through which the thesis is represented and discourse constructed.

To develop their own design methodology, relevant to their chosen topic, students will be offered a series of workshops.

Workshop leads have a unique interdisciplinary research based practice with an experimental design/artistic process.

A. Film (Monika Koeck)
Analytical filmmaker, documentarist, focusing on ‘space’ and ‘screen space’ as a narrative expressive element.

B. Installation (Johann Arens)
Artist, uses installation and video to survey the documentary properties of public interiors and their inherent social textures.

C. Body and Performance (Emma Hoette)
Designer, choreographer, performance artist, experimenting with relationship between body and space.

D. Visual Anthropology (Kata Soos)
Artist, Anthropologist, focuses on visual experiences as qualitative methodologies in cultural anthropology.

E. GIS Cartographies: Data Visualisation (Biayna Bogosian)
Architect with a background in environmental design, computational design, data science, spatial science, immersive media design.
In 2021 there were 177 cases of femicide in England and Wales; in cases where a perpetrator was charged 92% were male. Moreover, whilst sexual violence against women that results in death is the most serious and heinous of crimes, this is only one form of violence women are subjected to. In the year ending March 2020 there were 618,000 recorded cases of sexual assault, 9% of which occurred in public space.

By highlighting the statistical data wrought out from an assault, we call upon architects to reconsider how we design our built environments. Ultimately asking: how may architecture and urban design mitigate against sexual violence, ensuring women’s safety in public space?

In light of this aim, testing was conducted in Anfield, one of the worst affected wards for sexual offences in Liverpool. Building upon urban scholar, Vania Ceccato’s framework for designing safety, the following factors were considered (alongside urban design parameters):

1. Planning solutions targeted at the ‘neighbourhood structure’ – developed and enforced by partnerships between ‘municipalities, police, community groups and local actors’.

2. Secondly, features of high-crime neighbourhoods – ‘lack of natural surveillance, empty properties, a lack of public facilities’.

Research into the socio-economic conditions of Anfield renders significant issues that resonate with Ceccato’s work. A significant factor of which has been the land speculation policy of Anfield Stadium. Since the early 1990s, the stadium has continued to expand its seating capacity. Given the stadium was neighboured by blocks of terraced housing however, this process would require acquisition of ordinary people’s homes. Rather than openly engage and negotiate with these residents, Liverpool FC would purchase these dwellings via a third party. Post-sale properties would then be left abandoned, thus engineering dilapidation, and increasing crime in the area.

To counteract the effects of Liverpool FC’s actions, which have propagated crime, we have proposed a scenario in which their recent stadium extension would be relocated. Rather than isolating this new increased activity within the stadium grounds, it would be displaced to a site at the end of the high-street. This intervention would provide another anchor point — the first being the Anfield stadium — which would increase footfall on the high street in-between. Beneficially it would facilitate a greater success for local businesses to take root and incentivise investment into regenerating abandoned units. And also, these people provide natural surveillance, reducing the likelihood of a perpetrator committing sexual assault.
Abandonment of the High street
cgi

Dispossession of Anfield
cgi

Isometric
cgi
Rethinking Schools: Urban Playgrounds

Ka Ho Tang

The first road service station in the UK was born in 1959. It used to be a way to show off, bold architecture built next to or even above the freeway. However, it currently is a “public toilet” place, a building without a soul, with no one willing to stay except if they are hungry and other physiological needs. With the development of technology, the transformation of transportation, and the opportunities brought by electrification or even automation. This thesis argued architects can once again remake this inconspicuous place on the edge of the city into a special place and match it with the upcoming transformation.

This project improves sustainability and mobility by imagining possible new technologies in the future such as on-site production and storage of renewable energy, shared autonomous transportation systems, robotic logistics distribution, etc. The thesis aims to create this new system and guidance prototype for the future motorway station to reference. At the same time, balancing the need for the private car owners and lorry drivers, everyone will be treated as same and equity in the newly designed station area. The interior spaces and circulations of the building are specially designed to maximize the encounter and communication of different groups of people.

This service area will become a place where machines and humans coexist in the future, and the building will serve them at the same time, providing energy, transportation, entertainment and recreational space for all passing drivers and passengers, as well as the vehicles they drive.

Ka Ho Tang

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Dr Aikaterini Antonopoulou

Thesis Critics
Dr Frances Holliss
Sebastian Aedo
Dr Maider Llaguno
Professor Iain Jackson

Special thanks
Thank you to both of my thesis tutors Dr Katerina Antonopoulou and Dr Francesca Piazzoni for their support throughout the project, and thanks to everyone who helped me.

Rethinking Public Spaces

Malyah Younis

Focusing on Blackburn town centre, this thesis projects looks to redefine public spaces in an unconventional way.

The primary objective of this thesis was to challenge traditional public spaces, by proposing the use of innovative interventions to create colourful and playful spaces that aim to improve and encourage social interactions within the community. The blend between architecture and public art was implemented in the design with the intention to enhance the public realm and its appearance. It is not only about how green our surroundings are, but also about whether the architecture and streetscapes are pleasing to the eye. It is because we as a public feel better when we find ourselves in what we regard as beautiful surroundings because when we are in these spaces they bring us happiness and positive feelings and this influences the quality of life these surrounding convey.

Malyah Younis

Thesis Tutor
Dr Yat Shun Kei

Special thanks
Thank you to Dr Yat Shun Kei for your continued support throughout this thesis project and to my parents Samina & Wasim Younis for their constant support and positive encouragement.

Malyah Younis

External View of the Community Hub
Homelessness: Providing long-term solutions through Architectural Design

Farokh Damania
Callum Ross

Thesis Tutors
Dr Francesca Piazzoni
Dr Aikaterini Antonopoulou

Thesis Critics
Dr Frances Holliss
Professor Iain Jackson
Noor Ragaban

Special thanks
We would like to thank Dr Aikaterini Antonopoulou and Dr Francesca Piazzoni for their support and guidance throughout the duration of our thesis design project.

Homelessness is a real and growing social issue on the streets of Liverpool with 2,287 people being registered as homeless in August 2021. Strategies implemented by Liverpool City Council, such as the introduction of ‘No Second Night Out’ and ‘MainStay’, focus mainly on an early prevention and intervention approach. However, they fail to focus on long-term strategies aiming to combat the issues surrounding homelessness. Our thesis aims to address these underlying issues by providing long-term and sustainable solutions to fit the current urban and socio-economic context of Liverpool.

The selected site for intervention is located behind Liverpool Central Station and has unique characteristics, due to being sunken below the surrounding street levels by 6-10m and has high stone walls surrounding it, which creates an element of secrecy. Our urban and site analysis showed that there are opportunities to play with the privacy of the site by creating new entrances. The public ramps and platforms provide a connection to our proposed public and private spaces. The public ramp also offers a shorter route to Central Station.

The core of our sustainability strategy is the proposal of a new green space to regenerate the site. To make way for the green space, some of the existing buildings on site had to be demolished and we analysed how we could potentially reuse or recycle the materials. The proposal comprises of two main buildings, a greenhouse along with public and private ramps. The massing and design of the proposal reflects the wider triangular context of the site and its boundaries. The public zone accommodates shops and a cafe to encourage community involvement with the site and also helps in generating income to run the homeless community. The semi-private zone accommodates specialist services to support the homeless, such as financial advice and healthcare; and the private zone accommodates the co-living community. Cedar cladding and a glulam primary structure form part of the thesis environmental strategy.

What makes this proposition unique from previous homelessness schemes is that it offers a tailored programme to the individual circumstances of new users to set them up for their future. As a part of the economic strategy, the semi-private zone has skill-building workshops to enhance the service user’s employability. There are also opportunities to work in the shops and cafe, which can develop transferable skills and promote community cohesion.
Our research began initially with Christine de Pizan’s ‘The Book of the City of Ladies’, which helped us envision how to work allegorically in order to navigate the present day issues women have. By applying a feminist lens to post-covid society and the city centre, we have identified the Central Business District within Liverpool as the site in which to situate our project, rebelling against the historically patriarchal context.

Throughout history, social, economic and environmental activism has been the central root of any political change regarding women’s rights. Women’s protest movements have occupied buildings and public spaces to make their voices heard. This project looks to rethink and create a new typology for political engagement, activity, co-work and co-living surrounding current 4th wave activism debates. Our situated design provides a testing ground to pave the way for new discourse and a typology of city-space. Working at different scales to analyse forms of discussion and change-making – from around the kitchen table to the public space of the streets, and then the digital realm – our proposal focuses on programme-led architecture providing a multitude of community services to tackle gender equity issues. With public spaces for political engagement becoming ever-more scarce due to Government regulations, and women still finding it harder to protest for equal rights due to time-poverty, our intervention activates this programme within the city and society. “No cause can be won between dinner and tea.”
Life Back to Future

Urban villages refer to traditional villages that remain in urban areas. It is a unique phenomenon that emerged in urbanization in mainland China. Shenzhen is a large city that emerged in the 1970s. Extremely rapid urban development and a substantial economic shock have brought this unique urban village phenomenon to the city.

Our research confirmed a public space pattern based on the street grid in the urban village, which makes the space in the urban village have extremely high attractiveness and efficiency. The project takes Baishizhou urban village in Shenzhen as the stage. We hope to use this public space pattern as the design thesis to realize a high attractiveness and multi-functional urban block renewal project.

Our hypothesis is: Some of the current Shenzhen urbanization issues can be discussed through the concept of “street public space pattern” from the urban village. Nowadays, mega cities in China, including Shenzhen, are facing issues such as gentrification, urban space, low attractiveness and functional simplification. Our project aims to achieve an urban planning and architectural design solution that brings the vibrant street life of the past back to the future and the sustainable development of the entire urban fabric.

The early design policy of urban planners was to give priority to demolition, while the current strategy is to regard urban villages as part of the urban fabric and carry out micro-transformation and partial renewal of existing urban villages. However, the Baishizhou urban village is currently being demolished. The concept of our thesis design is to debate the demolition plan.

The design will adopt a combination of discrete and modular design methods, including urban and architectural scales. It should be noted that the purpose of the design is not the organic growth of the existing urban village but the establishment and development of a street-based public space network while emphasizing the space equity and sustainability of the urban fabric. Furthermore, the design will improve the quality of space in the existing urban village. Propose a vision of a possible future city.
In Search of the Civic: A network of Public Amenities in the Baltic Triangle

Helena Kate Sarney

The thesis project is a network of civic functions developed within the interstitial space of the Baltic Triangle, Liverpool. The scheme seeks to contest the local plan by supplementing the current housing developments in the area with much needed facilities for the growing community. Furthermore, this thesis draws on ideas regarding the civic economy to explore how community, education and commercial factors can influence a sustainable neighbourhood, whilst mitigating the interests of existing business owners and rising land prices.

The Baltic Triangle is a previous industrial hub that is experiencing a huge population growth. The area is also undergoing a change in use, from its former industrial warehouses to a residential area with fledgling businesses emerging. As a result there is an obvious juxtaposition between the new elements and the pre-existing industrial heritage.

Liverpool city council has earmarked many sites within the area for regeneration however the majority of developments proposed and completed are high-rise residential complexes. The type of accommodation provided has also mainly catered for a young and an often transient population which compromises the future sustainability of the area. As a result, developers are causing rises in land prices that risk the displacement of existing small businesses. Additionally, the absence of civic facilities proposed further perpetuates the unsustainable population growth.

Focusing on just one site within the network this thesis explores design opportunities on a brownfield site formally accommodating industrial buildings despite today being a carpark and an area of green space. The green is largely unused due to the lack of purpose and the way the elevations meet the land gives an unwelcoming experience. As a result the project seeks to frame the space whilst the civic buildings act as an extension to the public realm.

When travelling outwards from the city centre, the site is at the entrance to the Baltic Triangle and the project seeks to make a statement to celebrate the intent of the proposal. It positions itself to act as a signpost to locate yourself within the city. It does this by arranging its programme on a series of grids framing views to buildings of Civic Pride within the city.

Whilst acknowledging the importance of the buildings presence within its context, the proposal is designed in a way to reawaken a historic axis that has been left unused. By reappraising this axis, it highlights an existing route that was once used to travel from Duke Street through to the Docks. Providing a series of civic facilities along this route gives new purpose to the journey and encourages people to move through the Baltic Triangle differently, thus enhancing street activity and vitality.

Special mentions or thanks
A special thanks to my tutors and Johanna Muszbek

Visual

Perspective Views

Axonometric View

Unit aggregation diagram
Brought together through a deep-rooted passion for community sport, our group has actively sought out ways in which architecture can help create a more sustainable platform for the continuity of grass roots initiatives.

Our initial explorations took place under the guidance of the ArCHIAM research group focusing on a town called Drama, Greece, an ancient settlement developed over time following major events, typically through changes of rules and religion. By analysing, across a range of scales, a community that has undergone dramatic social, economic, political and/or cultural shift, our aim was to more clearly understand any change in the urban fabric. Highlighting key events and studying their impact on the present built form.

Following a Body and Performance workshop with Emma Hoette, we began developing a research methodology which would allow us to analyse the architecture at a fundamentally human scale. Too often are modern event spaces dictated purely on practicality at the expense of the experience. Our methods focused on painting an ‘Eventscape’ through human movement in relation to the surrounding architectural fabric. By analysing space through a series of scores (explorations with defined parameters), we began to be able to understand a more apparent relationship between people and place during event and non-event modes.

At the time of our research method development, we were in contact with tutor and 1874 Northwich F.C. board member Luke Bushnell-Wye. Early conversations regarding the history and development of Northwich exposed surprising references to Drama and our explorations in Greece. Both towns share ancient pasts. These similarities allowed us to use our methodologies to approach our current thesis, looking at how exercising grass roots sport and leisure interventions as a catalyst for community rejuvenation and increased pedestrian activity can create an active network for existing residents to feel a greater topophilia with Northwich. Our emphasis lies heavily on the scales and temporality of the spectacle and spectator. Using architecture to create a more dynamic user experience, ultimately creating a more sustainable future for sport and leisure in Northwich.

Our project has analysed thoroughly and responded respectfully to the historical and cultural history of Northwich. Using our research methodology to develop a coherent and in-depth design response has enabled the proposal to be dynamic and responsive to the needs of the existing Northwich community, with a focus on social and environmental sustainability to ensure the future proofing of the town’s leisure scene.

Special thanks
We would like to express the utmost gratitude to our tutors Lucretia Ray, Luke Bushnell-Wye and Mary Shepperton, who have pushed our concept and theories to guide us through a final semester we are very proud of. We thank them for the time and energy they have invested in our thesis project. We are also extremely grateful for the recognition of the requirement for a break room in the School of Architecture. Without the provisions for leisure in the building, our health and well-being would have suffered greatly and we hope this is retained and improved moving forwards. Finally, we express our fullest appreciation to the University of Liverpool’s School of Architecture for supporting our research and development.
The restriction to live within our four walls caused by the recent global pandemic affected the mental health of many around the world. Disconnecting us from the outside world, limiting us from nature and greenery. Furthermore, at a macro-level shrinking the many aspects of a country’s economy, including the tourism industry and the UK, were not indifferent, as it drastically declined, especially during the first lockdown in March 2020.

Through the current ease of travel restriction, the proposal intends to provide an ecological residence and comprehend how nature with architecture may impact the well-being of individuals and potentially create a sense of community. Overall, enabling us to reconnect to nature and our loved ones on a deeper level, providing an opportunity to take a break from our recent rigid lives and a means of mental peace.

Hence, the research intends to investigate whether setting principles through the indication of potential design phases can promote the creation of a community through organic growth and via the integration of nature with architecture? Also, will the widespread introduction of an ecological residence influence and increase the level of ecotourism in the region?

Furthermore, the research hypothesis is that through the provision of an ecological residence, the level of tourism will potentially increase, which has fallen drastically due to Covid-19, specifically in the form of ecotourism. Moreover, the implementation of integrating landscape and architecture will increase the level of well-being by providing an opportunity to experience nature and a sense of community. Thereby, this will potentially aid our mental health.

The synopsis of this thesis cover three main aspects firstly, the use of an organic form, depicting the organic architecture. This will allow individuals to connect to nature, and secondly, allow the exploration of the surrounding views from all angels while increasing the fluidity in materiality. Moreover, the integration of landscape and architecture will further increase the connection and relationship to nature.

Finally, the mixed building use will increase human activity and circulation, leading to efficient use of space and efficient cost.
Cultural Preservation and Celebration in Babylon

Annette Gathingo

The proposal is a heritage and cultural centre situated on a flat Greenfield site near the UNESCO World Heritage site in Babylon, Iraq. The scheme offers research facilities and private accommodation for archaeological teams. It also enables mass education about ongoing heritage management activities through the auditorium, by hosting events concerning discoveries as well as a gallery where replicas of vital artefacts can be displayed and the stories of local Iraqis who have participated in archaeological expeditions, can be told. The scheme also promotes tourism by serving as a starting point for a proposed boat cruise northwards along the River Euphrates, to the heart of the heritage site where most of the excavated ruins are situated. The river cruise can also be used by research teams heading back to the scheme with artefacts for further research. Local residents are encouraged to experience the scheme through the proposed pedestrian bridge connection with the opposite Riverside in Hillah town.

This morphs into an elevated walkway within the landscape which is adjacent to the well shaded seating steps that stretch on the western frontage, and borrow from the ‘Hanging Gardens of Babylon’ mythology. The elevated walkway has branches which provide additional shading in conjunction with the vegetation mainly date palm, with the walkway ending up at a viewpoint on the eastern façade. Adjoining to this is a food and retail section where cultural and religious norms have been respected with a separate women only space. The scheme relies heavily on vernacular typology mainly the courtyard design that provides thermal comfort in this high temperature region as well as the use of flat roofs, buttresses for structural support and fortification and the adaptation of the ‘Mashrabbiyah’ or enclosed balconies. The proposed scheme would be built predominantly of local fired clay brick which has a yellow sandy tint. Certain section including the gallery and auditorium spaces are proposed with precast concrete due to their need for long pillar free spans. The scheme adds value towards cultural celebration in Babylon as it provides an additional venue for the Babylon International Festival which was on hiatus between 2002 and 2020, while bringing closer to home archaeological research facilities to enable better heritage management in Babylon, through UNESCO in partnership with the Government of Iraq. The project would be managed by the SBAH (State Board of Antiquities and Heritage) under the Ministry of Culture, Tourism and Antiquities.

Thesis Tutors
Dr Mary Shepperson
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Thesis Critics
Helen Roberts
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Special thanks
Neil Swanson (Landscape Institute)
Professor Soumyen Bandyopadhyay (ArCHIAM)

Sections, Elevations, Renders and Materiality

Blast Resilient Architecture in Conflict Zones: Looking at A Post-Conflict Future for The Residents of Avdiivka, Ukraine

Harley Bryant

The thesis examines the Donbas area and the military demarcation line between pro-Russian separatists and the Ukrainian army. Events in Ukraine’s Donbas regions of Donetsk and Luhansk in 2014, which culminated in an armed confrontation between Ukrainian government troops and Russian-backed separatists for control of these areas, influenced an investigation into the establishment and impact of the contact line. Between then until early 2022, the conflict claimed the lives of around 14,000 persons.

The city of Avdiivka, situated north of Donetsk, has been a critical position for both sides from the commencement of the armed confrontation in 2014. The “Industrial Zone” (located in the eastern part of Avdiivka) was designated as a buffer zone between Donetsk People’s Republic-controlled territory and Ukrainian army territory. Residents of Avdiivka are insurgently threatened by pro-Russian separatists engaging the Ukrainian army.

The thesis’ premise investigates a hypothesis in which the conflict has ceased, but borders remain and new housing for displaced persons is needed. The project’s primary emphasis is on robust residential housing that can mitigate deterministic threats if they re-emerge in the unstable area.

The programme designed is for a new typology inside the area that can safeguard and prolong the survival of its inhabitants in case of restarting hostilities. The improved resilience of the proposal is intended to be an inviting feature that makes it easier for displaced residents to return. Throughout the design process, the aesthetic balance between security and wellbeing was investigated.

Thesis Tutors
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SW Isometric

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Don’t Panic!

Rachel Cummings
Sian Ope
Ashni Patel
Brion O’Reilly

Gifted a new spotlight by the recent Covid-19 pandemic, Panic Buying is a topical phenomenon described as ‘the buying of large quantities of a particular product or commodity, due to sudden fear of a forthcoming shortage or price rise’. Despite its newfound relevancy, our thesis group discovered that this subject was yet to be thoroughly investigated from an architectural lens.

Although panic buying may seem like a relatively minor affliction in today’s world, it could also be viewed as a symptom of the wider failings of the UK’s consumer infrastructure. Our investigation revealed distinctly architectural ramifications, both at the scale of the supermarket, and much further afield into the layout of our cities, and the structure of our global trade networks. The topic of panic buying, therefore, resides within a large architectural discourse.

For our Thesis, our group aimed to investigate the hypothetical consequences of transforming our consumer industry into a system designed to curtail panic buying, and the other fragilities which currently exist. As a critical commentary of the existing conglomerate paradigm, this project provides a necessary, pre-emptive response to the present insubstantiality of our consumer trade network.

Our thesis introduces “The Atlas Tower” – a self-sustaining mega-structure, which provides food for its residents in an efficient, yet regimented system. This structure exists within a hypothetical future-Liverpool and is, at its core, a utopian design that interlaces dystopian qualities in order to question – but not solve – the existing fragility of food production, and the future of sustainable living.

As part of the Cinémethods studio, our thesis group was challenged to employ a cinematic approach to our design methodology. Because one of our intended outputs for this project was the promotion of a discourse surrounding the panic buying phenomenon, this somewhat unconventional approach was highly successful, as the medium of film lends itself to the communication of ideas.

Ultimately, this project is critical in that it brings to attention the highly topical, yet largely overlooked, phenomenon of panic buying, and the far-reaching societal structures that influence it. By formulating a hypothetical future-Liverpool, the existing fragilities within the consumer trade network were explored without the expectation of resolution, or the limitations of our existing systems. From a societal viewpoint, this investigation has revealed that there are many benefits to growing food close to the population; however, doing so exposes an entirely new set of vulnerabilities that have intense social consequences.

The Atlas Tower: Internal Perspective

Special thanks
Dr Hamid Khalili
Professor Richard Koeck
Han Wu
Kushagra Jhurani
Nick Stath

Winner RIBA Presidents Silver Medal – part 2
Winner Charles Reilly Medal
In an era that lacks the clear definition or movements of the past, architecture has lost its connection to the city and instead finds itself being used as a tool to maximise a developer's investment. Liverpool’s Local Plan outlines a positive vision for the city's future. Viewing the Local Plan through an architectural lens, development typologies can be knitted into the city’s fabric.

In the first instance, we attempted to gain knowledge of the urban planning processes. A Local Plan is formed as a document that informs all subsequent planning decisions. We used our research of the Local Plan to extract and form 6 Key Principles that we have used on our site as a testing ground for applying these principles.

The Key Principles are:
- Historic Environment
- Urban Grain
- Prevailing Routes
- Street Typologies
- Public Realm
- Building Typologies

The site is selected based on the location of the developers reoccurring typologies in the city. Our site in Ropewalks was then used as a testing ground to investigate each principle. The principles provided a tool kit to form our design and start developing it accordingly.

Statistics collected of capital gains of developers have shown hotel developments especially to have an average capital gain of 32% across 10 years. Our proposal should be gaining exactly half the percentage as we will have half the number of rooms available.

To calculate the community gain we used the developer’s floor plan to find the area of space provided for the public and have shown a comparison with the area we will be providing for the community. Our proposal has triple the area for public and community use than the developer’s, proving that community gain can be achieved to this degree whilst also generating economical growth.
The Failing Culture of a Town

In 2015 the RSA commissioned its first national survey to assess heritage and culture within the 325 towns and cities of the UK. The results placed Warrington last. This sent shockwaves through the town. It starkly highlighted that despite its considerable population of 220,000, somewhat larger than many small cities, Warrington’s cultural and heritage offer fell considerably short of that provided within comparably sized towns and cities.

Our proposition is that a contemporary enhancement of the town’s cultural offer, located within its heritage core, would act as a focal point for increased cultural activity and be a catalyst for the economic revitalisation of a once-thriving town centre.

Appraisal of the results from our initial research questions provided a broader understanding of both place and culture. Through this review it became evident that the area most appropriate for an intervention was the town’s existing Cultural Quarter. An area which accommodates Warrington’s three remaining cultural buildings along with its heritage infrastructure and fabric. Further appraisal indicated that a single building intervention could not satisfactorily address the overarching issues and identified cultural deficiencies, and that a holistic urban design approach would be a more appropriate methodology.

An overall masterplan for the Cultural Quarter was formulated based on three principles; rebalancing of key pedestrian links to improve legibility and connectivity, maximising pedestrian priority to encourage street activation, and the creation of an expanded cultural network.

This network proposition utilises five redeveloped buildings to address the identified cultural deficiencies and builds upon the existing network of cultural venues within the Quarter.

Further masterplan refinement led to the development of The Square; the greened redevelopment of an existing large surface carpark located to the rear of two existing cultural venues and featuring a new amphitheatre. This new square directly addressed, and was developed in dialogue with, our chosen building intervention; a 500 seat dedicated theatre, a resource the town has not enjoyed since the mid 20th century.

This intervention redevelops and extends a vacant Edwardian Registry Office and delivers a thrust-stage based theatre and a new Youth Theatre Workshop for Warrington Collegiate Institute.

Alongside the Theatre’s more conventional capacity to offer internal live performance, a primary driver of our scheme was to bring the “theatre to the town”. Thus, the Theatre features the ability to open-up its large performance doors, set within its façade, facilitating external live performances whilst addressing The Square’s amphitheatre.
Hypothesis: ‘By identifying and restructuring common conditions across Andover Estate, new opportunities for its redevelopment will arise, also responding to the wider context of the site’.

Following several estate regeneration debates, this thesis uses Andover Estate in London as an exemplar site to prove that by identifying and restructuring what seems as common in an estate, new opportunities will arise for its redevelopment. Such possibilities can respond to the needs of the current and future residents of the estate, as well as the general public.

The goal of the thesis is to transform Andover Estate into a sustainable community; that being a place where people desire to visit, live and work in, either in the present or the future. A place that meets the needs of its diverse users, contributing to a higher quality of life. A place that is inclusive, safe and that offers equal opportunities to all.

To do so, the whole site of Andover was surveyed thoroughly and 3 masterplan scenarios were generated to tackle diverse objectives. By using the successful design outcomes of each, an overall strategy was created. That strategy was applied on an exemplar area through operations of big and small scales, to examine which ones could be repeatedly applicable on the whole estate. The main operations were the design of four new buildings, the ‘Corner, Cluster, Bridge and Infill’, which utilized under-used spaces in order to foster social cohesion.

Key objectives of the thesis were:

• Densification: How can housing estates be part of the solution to increasing the housing supply?
• Regeneration Debate: How can the residents of the estate benefit from the regeneration?
• Stigma: How can the public engage more with the estate? How can the flow of people be increased?
• Automobile & 15 Minute City: How can a housing estate be converted into a community that is not depended on cars?
Visual, looking from the existing walkways

Visual, Looking from the existing alleyways

Perspective Section: Cluster Operation
The primary objective of our thesis was to create a new way of surveying the urban context through the lens of our senses. It began by looking into Neurodiversity, and how the neurological spectrum consists of many different ways in which the brain processes information. The social model looks at how design can accommodate Neurodiversity within society by designing for both Over and Under Sensitive individuals.

Our methodology for creating our sensory landscape focused on conducting a sensory site survey, analysing the site and identifying sources of potential ‘triggers’ that may affect a sensory experience. Soundscape, Smellscape, shadows and light intensity were some of the key sensory factors which we analysed in depth in order to investigate our site and understand which were the most sensitive and intensive points to intervene on. Using this design methodology allowed us to determine key areas in Whitechapel (London) which we could enhance or shelter from sensory experiences, and by taking in consideration these elements, we created an undulating sensory landscape, directly responsive to the surrounding urban triggers.

The aim of our thesis is to create a new network of playscape infrastructure which superimposes programatic experiences with architectural specificity. The synergy between play and landscape creates a gradient of spatial altitude which promotes a variety of intensity of activities. Opportunities within the sensory landscape are encapsulated in pockets of activities which amplify or shelter from external triggers. We introduced play as an element for meaningful experience because sensory experience can’t be quantified; however with the right amount of risk, perception and reactivity, we created environments which are sensory stimulating for everyone.
Reclaiming Hell

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Special thanks
Firstly we would like to thank our tutors Johanna Muszbek and Pietro Pezzani for their continued support and guidance throughout the Thesis project. Secondly we would like to thank the guest reviewers for their feedback during the process.

Winner Sikorski Memorial Prize

The thesis is centred on the concept of subterranean architecture and based on extensive research into underground typologies at both a global and UK specific scale. Our hypothesis claims that it is possible to create comfortable and sustainable spaces underneath the busy streets of Central London. The proposal aims to reclaim disused and underused infrastructure to provide a new underground urban typology for the public and private realm.

Currently there is a problem with urban sprawl in London, which given the city’s rate of expansion is not feasible for the foreseeable future. A way to overcome this problem is to increase the density of existing areas. At present, there is two main methods on densification: building higher or filling in the gaps. Our proposal aims to reclaim disused or abandoned underground spaces, already existing in Central London, to increase density.

The proposal is threefold. First, the pedestrianisation of one side of the Kingsway Road to allow safe access to the proposal, increase outdoor urban spaces and promote sustainable travel. Secondly to provide student accommodation in the underused Kingsway Tram Tunnel to make up the shortfall in suitable dwellings within the surrounding context. Finally, to provide public buildings in the form of ‘cores’ which are linked to key buildings along the site and aim to provide programmes to help escape from the metropolis of London.
Reclaiming Hell

Residential Isometric
CGI

Internal View of Residential Accommodation
CGI
The aim of the project is to explore how the adaptable framework of community-led housing and its ownership, development and participation models can create affordable homes in our ever-changing living environment. The project aimed to redistribute population density and economic growth, by using the declining shopping centre typology as a vessel that could guide cities towards a more sustainable polycentric plan.

The shopping centre was designed at the height of consumerism; however, the project explores how this can be inverted both conceptually and architecturally in order to foster post-consumerist lifestyles. This is achieved through addressing the five key needs of Anti-consumerism: Housing, Health, Transport, Education and Arts. This creates incentives for self-sustaining local production and promotes the transition from a materialistic to a convivial and participatory society.

The outcome of the project is the creation of a step-by-step manual which can be given to every local council throughout Greater Manchester, to bring new life to the shopping centre typology and Satellite towns.
Participation Models

cgi

Atrium
cgi

Schematic Section
cgi
When we look at ‘Other’ history – Other meaning those who are not white, able-bodied, heterosexual, or cis-gender – we are met with silences in the archives. Our research in Liverpool has raised questions about whose stories are being preserved and whose are yet to be discovered. These questions exposed the need to rethink the current archive system from historical, architectural, and personal perspectives.

Therefore, our thesis explores how we can preserve Black, Chinese and Queer heritage through inclusive spatial design, prioritising the future of ‘Other’ documented history.

Thesis Tutor
Iain Jackson

Guest Critics
Dr Maider Llaguno
Dr Frances Holliss

Special thanks
We would like to acknowledge all the Black, Chinese and Queer people who have contributed to Liverpool’s rich history but have been erased or forgotten. We hope that this project, in whatever small way, shines some light on their stories.
Challenging the Regeneration of post-industrial towns: A vision for Bochnia Town High Street Regeneration

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Thesis Tutor
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Special thanks to our tutor, Iain Jackson, for his guidance with this thesis project.

Winner AHMM award for Urban Heritage and Design

Bochnia Salt Mine is the greatest treasure of the Bochnia region. Thanks to the salt deposits, the city of Bochnia became one of the most important economic centres of medieval Lesser Poland. The beginnings of the Bochnia mine as a mining plant date back to 1248, when being a royal enterprise, the mine brought enormous profits to the local area. Following the salt mine closure, the town began to struggle with the problems of economic succession, high unemployment, the outflow of people and, subsequently with, the disappearance of its culture, industrial heritage, and rapid architectural deterioration.

The Bochnia town centre has ceased to be attractive to young society. Its outskirts have been transformed into areas with low social status, dominated by old and decapitalised buildings, inhabited by elderly lonely people. Due to this situation, the discussion on urban revitalisation and strategies to counteract the negative effects of the shrinkage of Bochnia is very timely and necessary.

Thirty years after the closure of the mine, in 2021, the city issued a document diagnosing local urban problems and a 10-year Bochnia Revitalisation Plan. However, at the moment, no architectural or urban planning intentions have been submitted.

Consequently, this thesis seeks to challenge the local revitalisation plan and question:

A) Can the use of collective community memory & skills, local industrial architecture and folklore artifacts become a guide for the future post-industrial town regeneration?
B) How can we preserve and revive the disappearing architecture of Bochnia, and how can we design long-lasting and sustainable architecture?
C) How should we respond to material degradation to raise awareness of limited resources and commemorate the historical significance of Bochnia while establishing sustainable construction methods?

Utilising the Bochnia’s sites, the project aims to provide the city with a new industrial identity inspired by the golden era of the Salt Mine while celebrating its community heritage and skills. Instead of demolishing abandoned industrial sites, this thesis proposes to re-purpose and retrofit the remains of the Salt Mine Town into a functional space with community workshops, shared spaces, and public infrastructures.
Bochnia Workshop
Model
The Women in Construction Hub

The Women in Construction Hub is an educational facility on Upper Pitt Street, Liverpool. The infill project has evolved into a hub that acts as a medium for upskilling former homeless women so that they can qualify for apprenticeships where they can earn, learn and sustain themselves.

The project stemmed from an exploration into the cycles of homelessness for women and I became interested in the steps after women are housed. How do they find employment? Do they have entry-level skills? How do they integrate within their wider community?

These questions developed into the design of a hub that is run by women, for women. Women can receive support from the beginning when they are curious about construction and throughout their lives, with the hope that the women who have interacted with the hub return and help the next group of women who are curious about construction, creating a positive cycle.

The project also addresses that there are only 14% of women in the construction industry. Women in the industry address that this is because young women do not know the roles available in construction and the routes into the industry. Therefore, the hub’s main goal is to host short-term construction projects so these women can experience construction and with the support services available on-site, gain entry-level skills and find employment.

The projects can vary from private projects just for the women, such as a garden shed, or public projects that involve the community like theatre flats. Social opportunities arise with the public projects which enable the women to make connections within their community.

The Women’s Organisation (WO) has many offices and meeting spaces and is a hub for the public projects which enable the women to make connections within their community. The WO’s main goal is to host short-term construction projects so these women can experience construction and with the support services available on-site, gain entry-level skills and find employment.

Occupying the Ropewalks: Reintroducing Community Within Vacant Spaces

Krishan Patel

The abundance of vacant buildings and land in the Ropewalks area has been the focus for many developers over the past 20 years, but their disregard for existing communities within the area has led to many artistic and cultural communities to vacate, failing the vision for the area that has been laid out in numerous planning strategies for the city.

Using Henry Street at a test site, this thesis explores how interventions with a temporary 5-year planning permission strategy can provide spaces for experimental architecture and vacant sites being taken over by their local communities to create vibrant spaces which address local necessities and enhancing the cultural identity of the area. This concept of self-help architecture can provide a template for how future planning strategies are implemented throughout the city of Liverpool to tackle vacant spaces and how a temporary 5-year scheme can help establish identity within an area and offer new essential spaces and functions for underprivileged communities.

Understanding the existing typology of the back street, whose functions often hands itself to narrow, poorly lit spaces is fundamental in reintroducing the site back into the cultural character area of the ropewalks, through the engagement and involvement of the public through a new street strategy. The masterplan therefore addresses issues of safety, lighting, privacy, and community, along with the opportunity for adaptability and personalisation to create a public realm which is fundamentally local. The implementation of this scheme will contribute to the 24-hour economy of activity within Henry Street, through versatile spaces which are to be interpreted by their users at any given time.

Concepts of sustainability awareness and learning through the use, reuse and recycling of plastic waste and their capabilities in the built environment are also explored through the interventions acting as physical embodiments of waste, in conjunction with the retrofitting of derelict buildings. Phase 1 of the scheme presupposes the construction of a local plastic waste recycling centre which will provide the site with construction materials to be used for the interventions and offer materials to the public to create their own projects within the open-access workshop, which offers a space for local small businesses to establish and grow by offering free use of machinery and facilities to increase new skills opportunities for the local area.

Winter Garden – Street Elevations c/o

Occupying the Ropewalks: Reintroducing Community Within Vacant Spaces
The Welsh Centre: Changing the Future for Care Leavers in Liverpool

The thesis design is a response to poor outcomes for care leavers in Liverpool. Statistics show a quarter of them will go on to become homeless. The proposal is the Welsh Centre which adaptively reuses the Welsh Presbyterian Church in the L8 area of the city. It has sat dilapidated and abandoned for the last 40 years.

The programme combines training, education and mentoring for 163 young female care leavers currently in the city. An Embassy Village case study and interview considerably informed the programme. It provides intensive 1:1 support and training, with accommodation, for interviewed homeless men in Manchester. The charity works with local businesses who all guarantee interviews – the outcome is a permanent home and a job.

The proposal adopts this model, with the addition of a co-working hub for local women in the community wishing to access training and grow their businesses. This provides many cross links and takes advantage of shared facilities such as a café, creche, conference, teaching, training rooms and event space. Combining the two initiatives ensures on-going community support and participation which is vital to the programme’s success.

The Church is Grade I listed but the rear School House is not. This resulted in a subtle pod intervention, which stands free of the building envelope. It has a wrap-around gallery to maximise views out and across.

The School House has been remodelled considerably as most of the internal structure had been reduced to rubble. It provides accommodation for up to 8 young women, including a mother and child. Communal spaces and a private garden provide welcoming spaces for those who live there.

The link building, sandwiched between, joins the two. This houses the main circulation area, reception, kitchen and café – its large glazed elements and viewing gallery (offering views to the magnificent rose window) ensure the space is filled with natural light. It offers generous views out to the landscaped gardens.

It is hoped the Welsh Centre will not only help to prevent homelessness but will contribute to a thriving, enterprising and independent group of young women in the community.

Retreat from Urban: Ornament, Modernism and Sacred

Hana Koubkova

‘Retreat from Urban: Ornament, Modernism and Sacred’ is a thesis project focusing on the question of architectural ornament, its expression, meaning and what the relationship is to local community. In its essence, it is a search for a contemporary expression of architectural ornament while critiquing the modernist movement’s attempt to abolish architectural ornament, specifically Adolf Loos’ essay ‘Ornament and Crime’, as well as a challenging present time non-typological approach to ornament.

The programme poses a potential precedent to take place in other places also, providing more diverse outcomes.

Analysing case studies was the main method which led to the identification of five objectives: ornament, scale, volume, vista and materiality, and three architectural elements driving the overall design: arch, niche and column which are also traditionally ornamented. Given the site setting, two case studies of monasteries were used for the organisation of the space on a large and small scale. Moreover, as local community is at heart, the materiality creates a bold part of the design with regional stone as the primary material. In terms of the ornament itself, exploration took place mainly focusing on the inspiration within local landscape including utilising digital tools.

This thesis argues in favour of architectural ornament, highlighting the value of craftsmen’s contribution to process, aesthetical expression, and the importance of reflecting the local context. However, it does not suggest to ‘go back in time’ rather it aims to encourage finding new articulation by adopting the combination of both traditional and contemporary technological possibilities. Furthermore, the overall aim is to raise the question about architectural ornament among architects and how it is approached in architectural education.
Industrial Nouveau: Burnley

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We are extremely grateful for the support and guidance of our outstanding tutor Jack Dunne. A huge thank you from all of us. We would also like to thank the technician team for going above and beyond to help throughout the years.

Winner Swedish Wood Student Architect Award

Industrial Nouveau: Burnley aims to reignite Burnley’s post-industrial spaces through a circular textile industry model. The town has a series of disused urban spaces from car parks to post-industrial territories along the Leeds Liverpool Canal. As part of the wider urban scheme, we proposed to regenerate these spaces to improve urban connections and increase access to public green space in the town centre.

Our thesis provides focus to phase 1 of this wider scheme, overseeing a complex of four 19th CE and Early 20th CE former textile mills. The thesis sees a revival of Burnley’s lost industrial identity through a reinvention of the textile mill; providing a circular prototype system that demonstrates how a combined resale, reuse and recycling process can alleviate the impacts of textile waste derived from ‘fast-fashion’. This theorised complex can process nearly 9000 tonnes of waste textiles per year, distributed via the canal. The prevention of these textiles being burnt at landfill offsets over 100,000 tonnes of CO2 per year.

The three key textile mills being used for the industrial process are: Thorneybank Mill, which oversees the reuse and resale of 80% of the incoming waste textiles, Waterloo Mill which recycles 15% of incoming textiles, as well as producing new fibres and textiles, and lastly Grade II listed Trafalgar Mill, which coincides with the neighbouring UCLAN campus, providing research to find new uses for the remaining 5% of waste textiles that would typically be burnt at landfill. This industry model provides over 200 much-needed jobs for Burnley and over 300 new opportunities for higher education within Trafalgar Mill’s research building.

The project also aims to demonstrate the capabilities of historic buildings alongside England’s historic waterways, retaining their embodied carbon and retrofitting them for new uses. The proposal is a mix of retrofitted spaces and new interventions. These interventions have been carefully considered to respect the historic context while being distinctive through a ‘abstract reference’ methodology.

Given the regeneration of urban spaces into public green space, the project follows a plant-based textile approach, highlighting the potential of natural and locally grown products in a textile system, connecting the internal functions to the adjacent park space; harvesting flax for linen, crops for dyes, and fruit that can be transformed into plant-based leather. This plant-based approach is exhibited in the Trafalgar Mill’s retrofitted atrium space.
Trafalgar Mill and Waterloo Mill Section
CGI

Isometric View
CGI

Canal View of Waterloo Mill
CGI
Liverpool Plastics Innovation Factory

Luke Calum
Kiran Singh Birring

Since their invention in the 1950’s plastics have become ingrained in every level of our society and yet their treatment, reuse and end of life has been largely neglected. This has led to large quantities of the material ending up in landfill, polluting our landscapes and furthermore the oceans.

Whilst Liverpool University is carrying out a range of plastic related research across several departments, its recycling infrastructure is sorely lacking. Last year 1900 tonnes of waste were produced on campus and only 25% of this was recycled.

We proposed a facility for the University to create a circle economy of plastic waste on campus, turning waste into functional products whilst also creating dedicated research space within vacant dilapidated University buildings. Finally, we sought to create a new green pedestrian way through the University Campus linking the University into the built and social context of Liverpool.

The three key architectural elements of our project are as follows:

• The Derby and Hartley Building is an existing Victorian building on the site which has been extended to bring it up to date with current accessibility and fire standards so it can return to its previous state of a teaching centre for plastic research.

• The Liverpool Plastics Innovation Factory is the centre piece of the project and provides space for plastic waste to be sorted and processed on site adjacent to several adjustable workshop spaces that will allow for a large variety of projects to take place.

• The Brownlow Hill Tower is a multi-use space allowing for a range of functions. The lower floors house a collection of large public spaces such as a public library and exhibition space which connects directly with the factory. The upper levels of the tower house a range of residential units allowing research students to live directly on site. A range of communal spaces and terraces on these levels allow for a sense of community that is often missing in this type of accommodation.

Though varied in program each of these buildings were linked through a singular architectural style informed by a modular panel system we designed. The system makes use of a range of recycled plastic products and reclaimed site materials at every level of its structure.

Special thanks
Special thanks to Jack Dunne for his knowledge and endless support throughout this project.

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Jack Dunne

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Rethinking Schools: Urban Playgrounds

Mohd Ariff
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Thesis Critics
Helen Roberts
Neil Swanson
Josef Maria

Special thanks
Massive thank you to my family and close friends who cheered from home, thousands of miles away, and my tutor, who pushes me forward each week with constructive criticism.

This thesis sets to investigate the potentiality of education and spaces around the school for learning. The Malaysian education system has undergone a reform in recent years but only towards the curriculum. What about the built environment? Maria Montessori’s theory that the built environment has the potential to become the “third teacher” pushes the hypothesis for this project. Therefore, the project takes up an approach that is inspired by Aldo Van Eyck’s method of formulating play environments using minimalistic elements. Focusing mainly on the classroom spaces, play-based learning, and project-based learning will become the two methods for teaching and slowly transition from one to the other according to the student’s age growth.

Rethinking Schools – modification towards typology of Malaysian Public schools

CGI
The project seeks a new method to help reunify fractured communities that have been both displaced and dispossessed due to conflict and political motives. This is a global issue, but we have focused on Cyprus as it is an overt physical manifestation of a country which has been divided into two and one where a buffer zone created between them. This was intended as a temporary measure to stop infighting between its two communities however has been in place for over 50 years. Over time the walls that were put up provided sovereignty to each nation which in turn perpetuated the division. However, bringing people into the buffer zone, a liminal space with neutral equity will soften these walls.

The climate crisis is another global issue that we hope to address with this project. Cyprus is the most drought-stricken country in Europe and as such is facing a rapid loss of its native epidemiology. This provides the basis for architectural interventions to host collaborative and innovative solutions toward this common goal.

Our method for reunification sought to address the problem indirectly, away from the typic approach of community centres by instead focusing on connection through fixing a common issue. The project intertwines a narrative process of education, social interactions, conversation, and connection with the future sustainability of the country. By combining these two problems the project interrogates how architectural interventions can address these issues with a mixed-use typology, capable of attenuating and filtering large amounts of seasonal rainwater, which will both feed back into the stressed groundwater supply and be retained for building use including lab and workshop facilities. In doing so, water becomes an agent for future innovations that tackle the long-lasting effects of water shortage.

Reunification is addressed indirectly as the subtext for a grander problem, through a new architectural typology that offers participatory workshops that address a common goal. The project is a pilot phase prior to expanding along the buffer zone where the framework is applied to more specific community regions that are directly affected by water shortages. Climate change affects everyone globally; how can this methodology be applied to divided communities elsewhere?
This year saw the publication of the latest Research Excellence Framework (REF) results and this year’s Research update will focus on the results published in May 2022. The REF is undertaken approximately every five years and involves every active researcher submitting their research projects, papers, books, and designs to be assessed for their quality, rigour, impact, and significance. As well as our research outputs the department’s research environment, and the impact of our research is also assessed as part of this process.

We submitted Impact Case Studies on the listing of Preston Bus Station, a decision that was partially informed by our research into the materials and construction technology of the iconic structure; another on the heritage and tourism management plans for Oman; and a third on establishing international and European standards in building acoustics.

As a research intensive school we welcome the opportunity for leading scholars across the country to review our findings and to receive their comments and feedback. We are especially pleased with what has been reported, and our results have seen a significant improvement from the previous REF in 2014. The REF scores are arranged on a scale of 1-4 stars, where 4 star is outstanding and of the highest international quality.

We are pleased to report that we have been ranked joint 5th of all UK architecture schools for research classified as world leading (4 star) or internationally excellent (3 star) overall out of 38 architecture schools.

100% of our research impact is rated as outstanding (4 star) or very considerable (3 star). 100% of our environment is conducive to generating research that is world leading (4 star) or internationally excellent (3 star). Our outstanding (4 star) impact almost doubled from REF 2014, seeing an 87% increase. This is an excellent result and we’re delighted that our research and its significance is so highly regarded.

Our research is focused across six research groups comprised of the Centre for Architecture and Heritage in India, Arabia, and Maghreb (ArCHIAM); Architectural and Urban History; Acoustics Professor Iain Jackson
Research and Impact Lead

Research Centre (ARU); Centre for Architecture and the Visual Arts (CAVA); Environment, Sustainability and Technology (ESTA); and Urban Form and Social Space (UFSS).

Our research activity directly feeds into our teaching, particularly through the lecture series on architectural and urban history, and the environmental and technical courses. This year we have also begun to align the research centres with the MArch5 studio projects to pursue ‘research by design’ methods that bridge what is often seen as a gap between studio design and research. A quick look through the examples presented in this volume reveal how innovative and valuable this process has been. As this approach becomes more embedded into our research and design methods we will develop a closer alignment, exchange, and collaboration between our research groups and the studio.

The REF results and our new approach to working with the MArch5 Studio has prompted reflection, and a re-examination of our research identity, ambition, and vision for the future. We’re now in a process of beginning to prepare for the next REF, but more importantly, how we’d like to rethink and develop our existing research clusters and centres. This is an exciting time for research with major developments taking place with respect to the climate emergency, sustainable building practices, heritage studies, and within the digital compilation and sharing of data, narratives, and culture. Our research is shaping and driving many of these debates and we’re delighted to be collaborating with our students on how this work can inform architectural and civic design.
The Acoustics Research Unit (ARU) is internationally recognised for its research into airborne sound and structure-borne sound in the fields of engineering acoustics, building acoustics, room acoustics, audio acoustics, psychoacoustics, speech intelligibility, privacy and security, human vibration (including vibrotactile stimuli), environmental noise and industrial acoustics (sonic cleaning).

The ARU has refurbished the semi-anechoic chamber and extended the capability of the small reverberant chamber to measure sound absorption of automotive trim material. The reverberant chambers are currently being modified to measure sound transmission at very low frequencies as well as sound transmission of airborne ultrasound (very high frequencies).

In 2021, the ARU video that provided evidence of using vibration to teach music in schools for the d/Deaf won the Acoustical Society of America’s 2021 Science Communication Award – see the video at Vibrotactile technology to support d/Deaf people in music education: When Musical Vibrations met Royal School for the Deaf Derby.

In 2022, Dr Lee was invited to become Associate Editor for the Frontiers in Psychology journal, the largest journal in its field. Prof. Hopkins was invited to give a plenary lecture at the German Acoustical Society conference titled ‘Engineering design for sound insulation in buildings’.

During the last year the ARU continued to provide CPD training courses for the Institute of Acoustics and consultancy services to industry.

https://www.liverpool.ac.uk/architecture/research/acoustics-research-unit/about/
Architectural Heritage

The Heritage research group includes individuals and clusters of researchers whose work focuses on both the built environment and intangible heritage. Wide temporal and geographical reach characterise the research undertaken by this group, covering mediaeval to modernist heritage of the United Kingdom and at several international locations. The group also engages with significant impact work, public dissemination, and postgraduate research supervision.

Dr Nick Webb and Dr Alex Buchanan have continued their investigation of English medieval vaulting. This follows the publication of their book, ‘Digital Analysis of Vaults in English Medieval Architecture’ with Dr James Hillson in the summer of 2021. They hosted a second Modelling Medieval Vaults Symposium at the end of August 2021, where researchers from around the world discussed their work in this area. This year, Nick and Alex were invited to speak about their research to several organisations including the Churches Conservation Trust, the University of Texas at Austin and the University of Warwick. You can read more about their work at www.tracingthepast.org.uk.

Dr Ataa Alsalloum has been working on the interaction between tangible and intangible heritage, especially focusing on Syria and its diasporic community in the UK. She has delivered several public events, workshops and produced publications with the long-term aim to safeguard such rich but highly endangered patrimony. The events and workshops organised were aimed at diverse participant groups, and along with the publication and film, they addressed issues relating to both Syrian and wider intangible heritage issues.

Dr Christina Malathouni has continued to work in two areas relating to twentieth century architectural heritage. The Impact Case Study featuring the Preston Bus Station, which she led, was one of Architecture’s three REF2021 submissions. The building won the prestigious 2021 World Monuments Fund/ Knoll Modernism Prize. In line with her current research on post-war mental healthcare facilities, Christina continues to collaborate with ICOMOS’s International Scientific Committee (ICOMOS-ISC20C) and the Getty Conservation Institute. Christina delivered several talks including one for the Twentieth Century Society (National Amenity Society on post-1914 architectural heritage) in London in December 2021, and for DoCoMoMo, UK (Documentation and Conservation of buildings, sites and neighbourhoods of the Modern Movement) in February 2022.

The ArCHIAM research centre’s work if featured separately, and can be found on their website, www.archiam.co.uk.
ArCHIAM: Centre for the Study of Architecture and Cultural Heritage of India, Arabia and the Maghreb

The past academic year has been a highly productive one for the ArCHIAM research centre, which has continued to combine historical, archaeological and heritage research with work on new impact pathway development and the public dissemination of research and capacity building activities. Dr Shepperson’s research on Iraqi archaeology has continued alongside her interest in the more recent development of conflict landscapes in the Middle East. She is currently working on the Erbil Plain Archaeological Survey (EPAS) with Harvard, which aims to map archaeological sites and landscape features over the past 10,000 years in northern Iraq.

Dr Quattrone has been leading several impact pathways, supported by ArCHIAM team members, Briguglio and Vrettou. This includes the development of strategies to help the mountain community in Misfat al-Abriyin in Oman realise their sustainable development goals — the focus of one of the REF2021 Impact Case Studies for Architecture — following the settlement receiving the Best Tourism Villages award from UNWTO in December 2021. ArCHIAM has been developing tourism and waste management strategies for Srirangapatna, a site on the UNESCO World Heritage Site tentative list. Two virtual museum experiences are being developed, one for a historic site in Oman and another, a heritage building near Kolkata, India. The latter is part of an AHRC-funded project for which additional funding was secured.

Prof Bandyopadhyay has continued his work on historic sites in Oman, where he is currently writing a monograph on the port town of Muscat, as well as researching Modern architecture in the Asian subcontinent. Dr Georgiadou won the prestigious Schwartz Fellowship at the American School of Classical Studies in Athens, which she has just completed. We have developed pedagogic material on our areas of research strength for the Aga Khan Trust for Culture (Middle East; India) and the upcoming Getty Conservation Institute training programme on Earthen Architecture, and virtually trained students from Kufa University in Iraq on the documentation and data analysis for standing and archaeological heritage. ArCHIAM members have been invited to deliver talks at several international gatherings, some of which took place virtually due to the pandemic.
The largest research group in the school, the AUHRG has a well-established tradition of world-leading research that is diverse in its geography, chronology and methodology.

With architecture lagging behind every sector in its response to climate emergency, and the Grenfell Tower Inquiry throwing up more and more appalling revelations about the worst UK disaster this century, social and environmental justice are urgent concerns in UK architecture.

The research of AUHRG explores these and other important questions from a historical perspective, looking at the legacies of colonialism and empire, the history of architecture’s entanglement with fossil fuels, the architecture of mental health facilities, the history of architectural education, and many other issues.

The AUHRG is the largest historical research group in any architecture school in England, and one of the largest and best in the world, ranging from distinguished professors to exciting young scholars, with an active community of postgraduate researchers pursuing doctorates on a dazzling range of topics.

The group’s members have an impressive output of articles and books. This formed a major part of the school’s high-scoring submission to the Research Excellence Framework, including an Impact Case Study led by Christina Malathouni that demonstrated the role of the department’s research in helping to rehabilitate post-war concrete architecture after decades of widespread public hostility.

The research the group conducts feeds directly into teaching, from first year up to MArch dissertation, and is also presented to audiences around the world in an impressive array of invited keynote lectures, conference papers and media appearances.

https://www.liverpool.ac.uk/architecture/research/architectural-urban-history
Centre for Architecture and the Visual Arts

Professor Richard Koeck
Director of CAVA

Dr Marco Iuliano
Research Director of CAVA

Dr Hamid Khalili, Associate
Dr Katerina Antonopoulou, Associate
Iain Cant, Associate
Monika Koeck, Associate
Dr Les Roberts, Associate
Dr Julianna Yat Shun Kei, Associate
Dr Marina Guo, Research Fellow (Jiao Tong University)
Prof Gary Warnaby, Research Fellow (Manchester Metropolitan)
Prof Tuba Kocaturk, Research Fellow (Deakin University)
Clarice Hilton, Postdoctoral Researcher
Alastair Elbeck, PhD student
Jemma Street, PhD student
Wuwu Ran, PhD student
Alex Kallejis, PhD student
Nehmeh Rihani, PhD student

CAVA | The Centre for Architecture and the Visual Arts is a practice-based and multi-disciplinary research centre that is situated in the School of Architecture, University of Liverpool. Our growing number of PhD students, postdoctoral researchers, Research Associates and Research Fellows are broadly interested in the critical intersection of space, media and culture in the context of digital, networked spaces and spatial practices with particular emphasis on their social and economic impact.

2021/22 has again been a remarkably successful year for CAVA and its researchers. We should start by welcoming Dr Hamid Khalili; a digital media and architecture expert who has joined us from Melbourne University. Hamid’s arrival meant that CAVA was able to create a new CineMethods teaching module and is implementing film/moving images as a core element of one of our 5th year Design Thesis projects.

Furthermore, we want to congratulate Zhuozhang Li for receiving the formal recommendation to be awarded the academic title of Doctor of Philosophy (PhD). His remarkable and topical thesis on the cinematic representation of socio-spatial practices by ordinary people in contemporary Hong Kong investigated the (re)production of publicness in everyday urban space and the historical changes of the appropriation.

PhD researcher Song Yang combines AR technologies with robotic production to create a model for digital fabrication in the future. He was leading an international workshop at the renowned SIGraDi 2021 conference in which he explored the design and assembly of walls or pillars made of bricks assemblies with industrial robots. In this past year, his outstanding work has been published in several conference papers and journals.

In September 2021, CAVA hosted a 2-day workshop on the integration of machine learning into VR and location-based immersive experiences. Prof Koeck is the principal investigator of two AHRC projects with the film/animation studio Aardman (Bristol) and Goldsmiths, University of London. The team was able to test and evaluate elements from our immersive prototypes, which will inform the next stages and work packages of our joint project.

In October, The History Whisperer™ at St George’s Hall opened its door to the public. CAVA congratulates Gazooky Studios, Immersive Interactive and Music in Mind for a fantastic new visitor attraction that was funded by the Department of Culture, Media & Sport. Prof Richard Koeck, Jemma Street and Monika Koeck were greatly involved in the conception, research and implementation of this exciting new attraction for the city of Liverpool. http://www.cava-research.org/research-projects/the-history-whisperer

The National Museum of Liverpool launched an international competition to transform its waterfront site. CAVA was a partner in a team led by BIG and JA Projects, alongside FutureCity; Peter Adjaye; Beyond the Box; Gardiner & Theobald; Hilson Moran; LDA Design and Poor Collective. We were not only selected to be one of the six shortlisted teams, but Hamid Khalili directed a film about the history of slavery of the Liverpool docks, co-produced with Richard Koeck, Jemma Street and Monika Koeck.

http://www.cava-research.org/research-projects/sankofa

Between October 2021 and January 2022, Marco Iuliano organised a beautiful exhibition at the Victoria Gallery and Museum at the University of Liverpool, which was dedicated to the work of Stirling Wilford and Associates, 1984-2000. It will now travel internationally until James Stirling’s centenary in 2024. You can read about it here: https://drawingmatter.org/doodles-stirling-wilford-and-associates-1984-2000/

Last but not least, we want to announce an international symposium that will take place 28-29 October 2022. Spatio-temporal Tales: Design Pedagogies of Digital Narrative Practices will invite scholars from around the world to an online event that explores pedagogies of digital media that can function as a means of spatial storytelling. More information: http://www.cava-research.org/research-projects/st-tales

http://www.cava-research.org
Environment, Sustainability and Technology in Architecture (ESTA) Research Group

Professor Steve Sharples

ESTA research includes low/zero carbon architecture, life cycle analysis, operational/embodied carbon, climate change, daylight. Passivhaus performance in different climates, buildings and climate in different cultural contexts, the structural integrity of masonry and steel-concrete composite structures, digital design and construction and innovative material technologies. ESTA’s researchers also teach on undergraduate and postgraduate programmes.

Asterios Agkathidis investigates parametric and generative design, 3D/4D printing and digital fabrication. His work has been presented at international conferences in Novi Sad, Ghent and Cairo. Dr Han-Mei Chen’s main research interests are the circular economy, climate change mitigation and sustainability in the built environment; she has recently published papers on reclaiming structural steel and the dynamic tensile behaviour of concrete. Dr Daveed Chow is co-operating with the China Agricultural University in Beijing and the Northwestern Polytechnical University in Xi’An, China to work, respectively, on optimising thermal environments for urban greenhouses and on maximising the solar potential for urban planning. Dr Jiangtao Du works with Tsinghua University in Beijing on investigating effects of various daylighting systems on occupants’ psychological and physiological performances. Dr Stephen Finnegan is Director of the Zero Carbon Research Initiative www.zcri.co.uk which works with industry to develop Net Zero Carbon (NZC) buildings by 2050. Steve has been appointed NZC

Dr Ranald Lawrence is continuing his research of the history of environment through his studies of Hardwick Hall and is leading a project funded by the British Academy exploring ‘What Makes a Good City?’ in six cities across the Global South. Dr Haniyeh Mohammadpourkarbasi is evaluating thermal comfort in library buildings in the tropical climate of Kumasi, Ghana and investigated heating life cycle costs for a low carbon retirement development. Both studies have been published in major international journals. Professor Steve Sharples collaborated with researchers in China to investigate how architectural spatial parameters impact on indoor personal thermal comfort using an Artificial Neural Networks (ANN) model. Dr Spyros Stravoravdis is researching overheating risks in UK homes.

Group members
Asterios Agkathidis
Dr Han-Mei Chen
Dr Daveed Chow
Dr Jiangtao Du
Dr Rosa Urbano
Gutiérrez
Dr Ranald Lawrence
Dr Haniyeh Mohammadpourkarbasi
Professor Steve Sharples
Dr Spyridon Stravoravdis

Thermal comfort surveys of KNUST university library users in Kumasi, Ghana
Dr Haniyeh Mohammadpourkarbasi

Strategic Advisor by Liverpool City Council. Dr Rosa Urbano Gutiérrez collaborates with the Association of Ceramic Tile Manufacturers of Spain, and her continuing research on glass facades, energy and heritage will develop into two new books. Dr Ranald Lawrence is continuing his research of the history of environment through his studies of Hardwick Hall and is leading a project funded by the British Academy exploring ‘What Makes a Good City?’ in six cities across the Global South. Dr Haniyeh Mohammadpourkarbasi is evaluating thermal comfort in library buildings in the tropical climate of Kumasi, Ghana and investigated heating life cycle costs for a low carbon retirement development. Both studies have been published in major international journals. Professor Steve Sharples collaborated with researchers in China to investigate how architectural spatial parameters impact on indoor personal thermal comfort using an Artificial Neural Networks (ANN) model. Dr Spyros Stravoravdis is researching overheating risks in UK homes.

https://www.liverpool.ac.uk/architecture/research/sustainability/
Urban Form and Social Space

Dr Fei Chen

The UFSS group is interested in contemporary urban challenges and currently working on resilient urban forms, equality in public spaces, socially responsive urban regeneration and heritage, representations of various social groups in traditional and digital media. The group consists of six academic staff and eight PhD students.

The UFSS group has been productive in the past academic year. We have contributed to the School’s success in REF2022 with 9 research outputs and contributions to the research Environment. We have collaboratively published a book chapter titled ‘Public Space’. Last year, our publications appeared in many impactful international peer-reviewed journals (refer to the publication list below). We’ve also had success in grant capture. Francesca received British Academy seed funds (UK-Italy Knowledge Frontier) to organize a symposium on Justice Centred Research methods. With external colleagues, Junjie received a grant from BRAC University to investigate the resilience to COVID-19 pandemic in Dhaka’s informal settlements.

Regarding PhD supervision, the group is very pleased to have supported three PhD candidates through to completion in 2021-22. A new PhD candidate joined us in Feb 2022 working on ‘Design governance in heritage-led urban regeneration’.

UFSS continues to actively engage in research-led teaching. Katerina, Juliana and Francesca have co-led a MArch5 thesis design unit and a MArch4 design unit. With others’ support, Fei coordinated the Urban Design module in the master programmes and Urban Studies module in BA2. All teachings reflected the diverse research topics of group members and embraced EDI principles.

Public engagement and impact activities were an important mission for UFSS. Members appeared in international media to comments on world challenges related to their research. As the BA3 Studio Pen and Inc’s design project last year, Fei collaborated with the Studio lead Sandy Britton, Knowsley Metropolitan Borough Council, Architectural Emporium on Huyton’s high street regeneration. They have successfully hosted a public exhibition of the students’ work on Derby Road, Huyton on 22-29th June. Dr Piazzoni was invited to give a lecture at Sorbonne University, Institut de Recherche et d’Études Supérieures du Tourisme in May 2022. With scholars from Sussex and UCL, Junjie delivered a Public Lecture on Bangladesh and Indian informal settlements as part of the School of Arts Public Lecture Series 2022. Furthermore, a design workshop was hosted by her to explore creative solutions to re-activate Liverpool’s forgotten railway heritage in April 2022 (refer to the event page for details).

https://www.liverpool.ac.uk/architecture/research/urbanformandsocialspace/
Research Led Events

Heritage Events
Dr Nick Webb and Dr Alex Buchanan, Invited talks on ongoing research to several organisations, including the Churches Conservation Trust, the University of Texas at Austin and the University of Warwick.

Dr Nick Webb and Dr Alex Buchanan, Modelling Medieval Vaults Symposium 2, August 2021.

Dr Christina Malathouni, “Saving and restoring Preston Bus Station”, DoCoMoMo (Documentation and Conservation of buildings, sites and neighbourhoods of the Modern Movement), London (online), February 2022.

Dr Christina Malathouni, “Preston Bus Station: From local controversy to global celebration”, The Twentieth Century Society (National Amenity Society on post-1914 architectural heritage), London, UK (online), December 2021.

ArCHIAM Events


Georgiadou, K., Only Temporary! Housing the Lausanne Treaty refugees in Greece (keynote). SAHGB’s Annual Architectural History Symposium for PhD Scholars and Early Career Researchers “Using What We Have: Architectural Histories of Fragments, Ruins, Rationed Resources and Obsolete Spaces”, March 2022.


Bandyopadhyay, S., Urban Development of Hooghly Heritage Landscape, Goethe-Institut / Max Mueller Bhavan Kolkata, January 2022.


Re-Thinking Liverpool’s Railway Heritage
University of Liverpool students from the School of Architecture and the Department of Geography and Planning joined together for a five-day, intensive, interdisciplinary design workshop. It intended to propose design solutions to re-activate Liverpool’s forgotten railway heritage. Working together, the students evaluated Liverpool’s marginalised rail heritage, proposed visions for its future and engaged knowledge exchange and public debates.

For more information, please see: https://news.liverpool.ac.uk/2022/05/06/designing-solutions-to-re-activate-liverpools-forgotten-railway-heritage/

Design workshop review and students explaining their work to the reviewers
Photographs: Dr Junjie Xi

Dr Junjie Xi is a member of the Urban Form and Social Space research group

Tutors
Dr Paco Mejias, Eddy Tayler

Reviewers
Dr Patrick Zamanian, Trevor Skempton, Dr Urmila Jha Thakur, Professor John Belchem

Students Group 1
Shuai Wang, Xinyi Meng, Alina Angelova, Rowan Bradbury

Students Group 2
Wenkang Tian, Zhangze Shao, Alaa Al-Shamahi, Jingwen Tang

Students Group 3
Guo Chen, Millie Mo, Jiajun Zheng, Trudy-Ann Smith

Special thanks
Zhuo Wei

For creating the workshop video
The workshop was funded through the University’s Early Career Researcher and Returners Fund
Department of Geography and Planning, University of Liverpool
School of Architecture, University of Liverpool
Uprooted Syrian heritage resettled in the UK
A series of events led by Dr Ataa Alsalloum, Lecturer in Architecture and Urban Heritage

Dr Ataa Alsalloum
October 2021
Museum of Liverpool

Events were collaborations between the Liverpool School of Architecture, the Syrian-British Cultural Centre, ICOMOS-UK and the National Museums of Liverpool.

https://news.liverpool.ac.uk/2021/10/14/event-explores-cultural-heritage-of-syrians-in-the-uk/

May 2022
Museum of Liverpool

Arabesque Workshop with museum tour
To celebrate traditional methods of classic geometry design as an element of the intangible heritage of Syria.

The workshops introduced children, age group 11-17 to the work of traditional craftsmanship in Syria, particularly, Arabesque.

It included hands-on activities, which have helped the children to broaden and enhance their understanding and knowledge of the Syrian cultural heritage past and contemporary practices. The activities were guided by Dr Abdullah Al-Anezi, a skilled calligrapher and by Dr Ataa Alsalloum, the project lead.

May 2022
Museum of Liverpool

Arabic Calligraphy Workshop with museum tour
The aim of this workshop was to celebrate Arabic calligraphy as an element of intangible cultural heritage.

It introduced information about the different styles of Arabic calligraphy and its wider deployment. The workshop was based on hands-on activities, which helped the schoolchildren, age group 7-12 to broaden and enhance their understanding and knowledge of the Syrian cultural heritage past and contemporary practices. The activities were guided by Dr Abdullah Al-Anezi, a skilled calligrapher and by Dr Ataa Alsalloum, the project lead.

June 2022

Interviews with Syrians resettled in the UK
This project explores how Syrians have settled in a British type of house turning it into a home that reflects their Syrian heritage and aims to establish a major online repository of Syrian intangible cultural heritage.

The project comprises several activities including interviews, workshops with schoolchildren and dissemination of the outcomes.

All activities were filmed and recorded by Monika Koeck

Photographs @Monika Koeck

Dr Ataa Alsalloum said: “This project has charted the role of shared intangible cultural heritage (ICH) traditions as a strong driver for post-conflict reconciliation in exile. Awakening public interest in Syrian ICH and its importance through actual involvement of communities and the heritage bearers has not been attempted before, and the project has provided a platform for these voices. The Museum of Liverpool provided the perfect venue for the project’s dissemination, as well as an opportunity to welcome Syrians to Liverpool’s community and introducing them to the city’s history.

The partnership between the University of Liverpool and the Syrian-British Cultural Centre has initiated a robust pathway for impact.”

It was the culmination of the Intangible Cultural Heritage research project, a partnership between the University of Liverpool and the Syrian-British Cultural Centre.
Heritage Event

October 2021
Ethical standards in interdisciplinary heritage: barriers or bonuses
Dr Ataa Alsalloum and Dr Sean O'Reilly

The event was led by Seán O'Reilly (ETE Committee’s Chair) and Ataa Alsalloum (ETE Committee’s vice Chair).
The event was attended by a wide range of audience including students from the Liverpool School of Architecture.


Publications:

Heritage publications

Dr Ataa Alsalloum and Monika Koeck, Intangible Cultural Heritage of Syria, film, 2021.


ArchIAM Publications

Koeck, M. (directed), 2022. Harat Al Blad Manah. Running time: 11 minutes 18 seconds [Film].


Urban Form and Social Space publications


Publication: Film

Intangible Cultural Heritage of Syria
Dr Ataa Alsalloum and Monika Koeck
Film
2021
Liverpool School of Architecture 2021

The aim of the film was to collect and document Intangible cultural Heritage of Syrians inside and outside Syria. This includes customs, traditions and knowledge. It also aimed to explore how Syrian heritage is shared and what changes Syrians have made to adapt to life in the UK, and how the practice of these customs and traditions forms an integral part of the identity, memory and culture of Syrian society in exile. Ultimately, the film seeks to raise awareness of the values of such a heritage, to contribute to safeguarding it and to assist the process of socio-cultural cohesion and reconciliation.

The film was captured and directed by Monika Koeck.

The project was funded by David Wicks Endowment, RDIF and FFF.

Eftar celebration with Syrians resettled in the UK
(Monika Koeck, 2021)
In this book, I invite you to take a brief journey to explore a small part of Syria’s heritage and learn about some of the untold stories of Syrians in the UK. My hope is that it will provoke and stimulate further interest and awareness of, and research into, the tangible and intangible heritage of Syria and its people.
Medieval churches are one of the most remarkable creative and technical achievements in architectural history. The complex vaults spanning their vast interiors have fascinated both visitors and worshippers alike for over 900 years, prompting many to ask: ‘How did they do that?’ Yet very few original texts or drawings survive to explain the processes behind their design or construction.

This book presents a ground-breaking new approach for analysing medieval vaulting using advanced digital technologies. Focusing on the intricately patterned rib vaulting of thirteenth and fourteenth century England, the authors re-examine a series of key sites within the history of Romanesque and Gothic Architecture, using extensive digital surveys to examine the geometries of the vaults and provide new insights into the design and construction practices of medieval masons. From the simple surfaces of eleventh-century groin vaults to the gravity-defying pendant vaults of the sixteenth century, they explore a wide range of questions including: How were medieval vaults conceived and constructed? How were ideas transferred between sites? What factors led to innovations? How can digital methods be used to enhance our understanding of medieval architectural design?
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“Using wood in construction to displace high-carbon materials such as cement and steel is one of the most effective ways to use limited biomass resources to mitigate climate change. New policies will be needed to support this.”

Source: Committee on Climate Change, UK Housing Fit for the Future, February 2019

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As we rebuild Britain, we can decide whether to carry on as usual or build a greener future.

The Committee on Climate Change advised: “Using wood in construction to displace high-carbon materials such as cement and steel is one of the most effective ways to use limited biomass resources to mitigate climate change”.

Furthermore it recognizes that: “Costs of using wood as a construction material are essentially negligible”.

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Post Graduate Research and Taught Programmes
The Liverpool School of Architecture (LSA) is an internationally recognised centre for research in and around the built environment. In the recent research assessment exercise, the Research Excellence Framework (REF 2021), we were ranked joint 5th in the sector for research classified as world leading (4*) or internationally excellent (3*) overall (covering outputs, impact and environment) out of 38, and 7th in the sector for world leading (4*) outputs out of 38. Our outstanding (4*) research impact increased by 87% compared to REF 2014. This ensures that our research-active staff are able to provide expert supervision in a range of research areas. Our students regularly publish their research at International and National conferences as well as in peer-reviewed journals.

The LSA currently has over 85 postgraduate research students that are registered for full-time or part-time study. PhD and MPhil studies can either be registered in the School of Architecture or the School of Engineering depending on the research topic and the preference of the candidate.

Graduating PHD Students

- **Steffi Reinhold**  Characterisation of steady-state and time-varying structure-borne sound sources using a reception plate to predict in situ sound pressure levels  
  Supervisors: Professor Carl Hopkins, Professor Barry Gibbs

- **Bushra Obaid Obaid Al-Ali**  Low-energy SIPs building in Northwest of England (Energy performance under the current and future weather climate change)  
  Supervisors: Dr Stephen Finnegan, David Chow

- **Chenfei Liu**  Evaluating the potential energy savings and embodied carbon of retrofitting suburban dwellings towards the Passivhaus EnerPHit standard in a hot summer/cold winter climate region of China  
  Supervisors: Professor Steve Sharples, Haniyeh Mohammadpourkarbasi

- **Wei Zhao**  Adaptive thermal comfort and behavioural adaptation of rural residents and their energy-saving potentials: a case study in Lankao in the cold climate zone of China  
  Supervisors: David Chow, Professor Steve Sharples

- **Nan Ye**  The practice of practices: independent Chinese architectural design 1949 onwards  
  Supervisors: Dr Jiawen Han, Dr Fei Chen, Professor Gisela Loehlein, Dr Paolo Scrivano

- **Yuyang Wang**  Computational Interpretation of Chinese Dwelling Design  
  Supervisors: Dr Andrew Crompton, Asterios Agkathidis

PHD researcher Yang Song – Hanover Workshop, a collaboration between CAVA and dMA

PHD researcher Noor Ragaban – Calligraphy Heritage workshop at the Museum of Liverpool
Post Graduate Taught Programmes

The Liverpool School of Architecture has a long and distinguished history of teaching and research and offers students an exciting, research-led environment in which to pursue their Master’s studies. We offer four Postgraduate Taught Postgraduate degrees: the MA in Architecture (MA/ARC) the MSc in Climate Resilience and Environmental Sustainable Architecture (MSc CRESTA) and the MSc in Building Information Modelling and Digital Transformation (MSc BIM-DT) and the MA in Sustainable Heritage Management (MA SHAMA), which run in 2021-2022 for the first time. All Programmes share some common modules allowing discourse and exchange between the different disciplines. As COVID 19 restrictions have been lifted our students had the chance to enjoy the full student experience package, including field trips, lectures, reviews, exhibitions and the end-of-year show. This year’s PGT cohort consisted of 55 students from various countries such as China, India, Greece, Pakistan, Saudi Arabia, Kuwait, Mexico, Iran, Turkey, Syria, Nigeria and the UK.

Students

Elham Ahmadi
Hooshiar Ahmadpanah
Naz Akdemir
Haya A E A M AlDousari
Shina Hussain
Aldhaheri
Mark Alegbe
Mohammad Altabdul
Sandra Milagros Arias
Trujillo
Gustavo Becerra Ponce de Leon
Sourniya Grish Chandra Bhatt
Daniel Thomas Byrne
Aparnna Chandana
Sreekumar
Pragna Chandra Kumar
Jiyang Chen
Rongrong Chen
Evgenia Winfried
Dickins
Ruyl Fan
Jingyi Feng
Akshita Gupta
Salma Ahmed Ashraf
Mohamed Hamed
Anya Elizabeth Harvey
Po Hu
Xuan Huang
Meeradvi Kathaliyl
Siyuan Liu
Xingyu Lu
Shreyans Mehta
Saniya Sahj Memon
Rahul Rangappa Metry
Maysam Akram Mousa
Basha
Naveen Muraleedharan
John Kiama Mva
Bhumika Naidu Mysore
HarihKumar
Melisa Ozyurek
Aliha Agnes Pinheiro
Karan Pirgal
Aneeta Plus
Pranay Mithilesh Pulipati
Harshini Rajagopal
Darsana Rajasekharan
Kamishree Rajendran
Ivan Alejandro Ramirez Gonzalez
Ahson Haider Reza
Danial Riahi Mahabadi
Bradford John Steer
Raju Suresh
Venkata Yamin
Chandralakha
Thornmandru
Agnes Timothy
Qi Wang
Baoyi Xian
Beichen Xu
Mengting Xu
Yini Ye
Ying Zhao

3 Architects x 10 Minutes Lecture talk, Man Jia, Zaha Hadid Architects
MA in Architecture Students at the End of Year Show
PGT cohort in the robotic lab
Asterios Agkathidis
MA in Architecture

Asterios Agkathidis
Programme Director

Studio Tutors
Asterios Agkathidis
Dr Juliana Kei
Dr Christina Malathouni

Guest Critiques
Marianna Cavada (University of Lancaster)
Yorgos Berdos (University of Edinburgh)
Man Jia (Zaha Hadid Architects)
Kyriakos Chatziparaskevas (Heatherwick Studio)
Filippo Lodi (UN Studio)

The MA in Architecture is designed for graduates and architects in practice wishing to further specialise in architectural design, develop their design and technical skills or follow a design research/research path to a PhD. Students may choose from a range of academic, research-based topics in specific areas that reflect their experience and interests, such as architectural theory, virtual reality and environments, climatic design, environmental assessment, parametric modelling, digital fabrication, BIM, urban planning and sustainable design.

As the COVID 19 restrictions have been lifted, our teaching activities went back to normal, including one field trip to London and one to Amsterdam, reviews, exhibitions, f2f lectures and the end-of-year show. This year’s MA in Architecture cohort consisted of 25 students from various countries such as China, India, Greece, Iran, Saudi Arabia, Mexico, Kuwait, Turkey and the UK.

Students

Naz Akdemir
Hay A E A M
Shima Hussain
Ali Dousari Aldhaberi
Daniël Thomas Byrne
Jiyang Chen
Ronrong Chen
Evgenia Winfred
Dickins
Ruiyi Fan
Xuan Huang
Negin Kazemzadeh
Siyuan Liu
Xingyu Lu
Saniya Sajid Memon
John Kiama
Melisa Mvaa Ozyurek
Karan Pargal
Aneeta Pius
Pranay Mithilesh
Ivan Alejandro Pulipati
Ramirez Gonzalez
Qi Wang
Beichen Xu
Mengting Xu
Yini Ye
Ying Zhao

Rotterdam Visit, Asterios Agkathidis

Amsterdam Visit, Asterios Agkathidis
London Visit
Face-to-face tutorial, Design 2
Asterios Agkathidis

Semester 2 final reviews
Hilbre Island field trip
All images by Asterios Agkathidis

Alejandro Ramirez
The Two Hilbries: Hilbre island visitor centre
cor/physical model/drawings
TTM BUILDING
Housing buildings and Shopping Centre

The box  Break  Distribute  Climate Adjustment  User interaction adjustment

Elevate  (ground floor first)  Unite  (floating horizontal circulation)  The Building  Physical Conceptual Model  The floating building

Sun path analyses in the project shape

Alejandro Ramirez
TTM Building
cgi/physical model/drawings

Beichen Xu
James St Tower
Axonometric drawings
cgi

Mengting Xu
Moorfelds Housing Complex
Form-finding process
cgi

MASS ANALYSIS

Ground floor design with maximum retention of the original site.
The roof garden is elevated to the height of the existing building and ensuring light in existing buildings.
Add the core

Orientation of the building according to light
Dividing the building into different blocks and incorporating a roof garden and pool
Twist blocks according to view and light
Evgenia Dickins
James St Tower
Section
Hand drawing

Evgenia Dickins
Hilbre Island Visitors Centre
Form-finding process and exterior view
cgi and physical models
Melisa Ozyurek
James St Tower
Atmospheric exterior view
cgi

Melisa Ozyurek
Hilbre Island Hotel and Spa
Atmospheric exterior view and cross-section
cgi
FORM FINDING

Discovering architectural forms by learning from the melting ice. During the melting process, it shows the relationship between the solid and void which similar with the positive space and the negative of the architectural space.

Yini Yi
Tate Liverpool Gallery Extension
Section/Elevation
cgi

Beichen Xu
Hilbre Island Visitors Centre
Form-finding process and section
cgi and physical models

Yini Yi
Hilbre Island Birdwatching Centre
Perspective view
cgi
Shima Aldhaheri
James St Tower
Atmospheric images and form finding process
cgi

Shima Aldhaheri
Hilbre Island Hotel and Spa
Atmospheric images and form finding process
cgi and physical models
MSc Climate Resilience and Environmental Sustainability in Architecture (CRESTA)

There is now an irreversible acceptance of the need to mitigate climate change, reduce the environmental impact of the built environment and to decarbonise energy supplies. Globally, policies are now being directed towards a net zero carbon future.

The MSc programme in Climate Resilience and Environmental Sustainability in Architecture (CRESTA) has been specifically designed to provide expertise for graduates (from a range of academic backgrounds) and professionals who seek to enhance their knowledge and skills for the development of climate-resilient and net zero carbon sustainable built environments.

CRESTA helps develop both practical skills in environmental assessment (such as dynamic energy computer modelling and life cycle analysis of operational and embodied carbon) and also a deeper understanding of the key principles in climate-sensitive design, planning for climate change, net zero carbon architecture and sustainable building and urban environments. In addition, CRESTA also provides specific analytical skills in the application of both quantitative and qualitative research methods and generic research skills, such as reflective learning, literature reviewing and dissertation writing. CRESTA modules are taught in a variety of ways – traditional lectures, design projects with studio tutorials, computer workshops, learning from building case studies and field trips. All the CRESTA lectures in 2021-22 were delivered face-to-face by experienced researchers in the Liverpool School of Architecture and external speakers.

CRESTA values and encourages equality, diversity and inclusivity in its student cohort as a way of achieving a dynamic, stimulating and rewarding learning environment for all. Diversity can be seen in the wide variety of academic backgrounds and the range of nationalities present in the CRESTA student group – from interior design and landscape architecture to geography and civil engineering, and from South and Central America, via the Gulf, to India and China.

The relatively small size of the teaching groups encourages inclusive and supportive attitudes that are underpinned by modules, lectures and assignments that relate to climate resilience, sustainability, and net zero carbon issues in the student’s own country.

CRESTA students visiting the University of Liverpool’s eco-refurbished heritage CHP energy centre
Professor Steve Sharples
Quite a successful year with a fantastic group of students from around the world. This year marked the launch of the new programme MSc BIM and Digital Transformation, which is the updated version of the former MSc Building Information Modelling programme. New modules were added to the programme to emphasise the interdisciplinary nature of BIM, and to expand the scope of the programme by introducing students to the wider context of BIM and the cutting-edge technologies that is forming the future of the AEC (Architecture, Engineering and Construction) industry, such as, Artificial Intelligence and Machine Learning, Internet of Things and Digital Twins, and Reality Data Capturing.

The students were introduced to a wide range of digital technologies, methods, theories and applications within interactive lectures, seminars and teamwork environments. The sessions were delivered by a group of lecturers from the University of Liverpool, with special guests from other universities, including, University of Salford, University of Cambridge, University of Huddersfield, École de Technologie Supérieur (Canada), and University of Politecnico di Milano (Italy). In addition to tutors from leading software development enterprises such as Graphisoft and Bentley Systems. Furthermore, a wide selection of BIM managers and professionals in digital design and construction from leading architectural and construction firms joined the course and introduced the students to the applications of the state-of-the-art construction technologies and methods in real practice. This included experts from Foster + Partners (London), John Sisk and Son (Manchester), VINCI Construction (London), HILTI (Netherland), BIM Nuttal Ltd (Manchester), Mott MacDonald (Sheffield), Turner and Townsend (Manchester), Kingspan Insulated Panels (Cheshire), Conseillère en gestion des pratiques intégrées (Canada), and BIM Interoperability Expert Group (London).
MA in Sustainable Heritage Management

Dr Ataa Alsalloum

This MA programme is an exciting and innovative programme, which aims to equip students with the interdisciplinary and multidisciplinary skills and knowledge needed to master aspects of sustainable heritage management theory and practice. The programme provides students with the chance to apply learning through a range of research and practice-based projects with a wide range of regional, national, and international partners not only via placement opportunities, but also by providing them with opportunities to engage with heritage experts via different teaching and learning activities.

As an inclusive and comprehensive course, it is a cross-departmental Master with contribution from History, Philosophy and Archaeology.

This MA programme is fully recognised by the Institute of Historic Building Conservation (IHBC), the UK’s leading body for building conservation practitioners and historic environment experts. The course also follows the educational guidelines of ICOMOS, UNESCO and Council of Europe.

The programme embraces equality, diversity and inclusivity. One angle of diversity is evident in the wide range of academic backgrounds accepted for admission. A key strength of this programme is being based on both research-led teaching and hands-on activities. This is delivered by wide range of staff members, as well as practitioners who come from different backgrounds e.g. architecture, history, archaeology and philosophy and work at national and/or international levels. Moreover, the course content covers a wide range of different cultures (UK, Europe, Middle East & North Africa, India and China).

The optional placement may involve work experience in a cultural institution. Some of our heritage partners, who offer placements, are the National Museums of Liverpool, Liverpool Anglican Cathedral, National Slate Museum Wales, Victoria Gallery & Museum, and Port Sunlight Village Trust.

After successful completion of this IHBC recognised Master course, graduates will be able to either work in practice or continue their education towards a PhD.

Special thanks
John Hinchliffe
Heather Alcock
Matthew Crook
Dr Abd Alkareem
Sandra Paniketh
Francoise McClafferty
Dr Martin Goffriller
Sangeeta Bais
Tim Greensmith
Stephen Graham

Guest Tutors
Dr Alan Greaves
Prof Bruce Gibson
Prof Iain Jackson
Dr Ronald Lawrence
Dr Konstantina Georgiadou
Claudia Briguglio
Matina Vrettou

https://www.liverpool.ac.uk/study/postgraduate-taught/taught/sustainable-heritage-management-ma/module-details/

Vernacular settings:
Preserving heritage, managing change, designing for sustainable futures
Reuse of Bait Al Sail, Salalah, Oman by ArCHIAM

Main Student Cohort
Ataa Alsalloum 2021

Visit to Stanley Dock
Ataa Alsalloum 2021
Exploring Intangible Cultural Heritage in the UK

Dr Ataa Alsalloum
Half day workshop
Liverpool School of Architecture
4 April 2022

Clara Arokiasamy OBE, President, ICOMOS-UK visited the LSA and co-led a workshop alongside Dr Ataa Alsalloum with our PG cohorts.

The aim was to develop an understanding of the role of United Nations Educational, Scientific and Cultural Organisation (UNESCO) around heritage protection; explore definitions of heritage through the lenses of Intangible Cultural Heritage (ICH); consider the development of the concept of ICH; facilitate an understanding of the UNESCO 2003 Convention, and identify key challenges and the progress being made in the UK to safeguard ICH and ratify the 2003 Convention.

The workshop was attended by both students and staff members who praised the experience.

One attendee stated “my understanding of intangible heritage has improved alongside a greater desire to see it celebrated”.

Another attendee highlighted “The most important lesson I took from the workshop is that communities should be empowered and that the diversity that exists ought to be celebrated. What differentiates us as communities is also what has the power to bring us together through mutual understanding and respect”.

Site Visits MA in Sustainable Heritage Management

Port Sunlight, Chester and Liverpool
Both semesters

Several site visits were organised accompanied by heritage professionals who have relevant experiences in each site. Some of these sites were Port Sunlight Village led by Heather Alcock, Chester historical centre led by Matthew Crook, and Al-Rahma mosque led by Sheik Dr Abd Alkareem.

Participants
Bradford Steer
Pragna Chandra kumar
Aufa Binti Abd Rahman
Lewis Washington
Razan Simbawa
Noor Ragaban
Rowena Creagh
Anya Harvey
Maysam Mousa
Basha
Po HU
Eirini Kafa

Special thanks
Clara Arokiasamy

Port Sunlight
Ataa Alsalloum 2021

Chester
Ataa Alsalloum 2021

Al-Rahma mosque
Ataa Alsalloum 2021
Extra Curricular Events and LSA Community
Abercromby Square Railings Exhibition

Every summer architecture students display their final project work in a public exhibition in the Liverpool School of Architecture (LSA). This is a big event and final celebration of their studies.

Due to the pandemic the 2020 and 2021 summer exhibitions were impossible. We therefore created this exhibition on the railings of Abercromby Square to celebrate some of the outstanding work produced by our students last year despite the difficult learning situation.

The boards displayed in the square showed work from our final year BA(Hons) Degree, MA and MArch students of 2021. These were chosen by our students from a much larger selection. (You can explore the projects shown here in more depth and discover more work at our Virtual School of Architecture.)

Our course in architecture is accredited by the Royal Institute of British Architects (RIBA) and the Architects Registration Board (ARB). As a result all modules must be passed! BA(hons) is three years followed by a two year MArch. Before qualifying as an architect at least 24 months of practical experience is required, finishing with a professional exam.

Projects at degree level are set by tutors, whereas project at masters level are self directed. We are unique as a school in the UK as our masters students work in groups. This encourages design collaboration, debate and discussion. It also emulates the profession; architecture is not really possible without a team.

This exhibition was timed for the start of the new academic year and to coincide with the inaugural Liverpool Architecture Festival (LAF).

Thank you to everyone involved in putting this exhibition together and to all our students for their hard work.

Professor Soumyen Bandyopadhyay

Organisers
Anna Gidman
Sandy Britton

Supported by
Molly Fitzpatrick
Wei Feng
Alex Dusterloh
Professor Fiona Beveridge
School of the Arts

Participants
BA3 and MArch graduating students 2021

photographs
@sandybritton

www.liverpool.ac.uk/architecture/
about-us/virtual-tour/
www.laf-uk.com
What Now?

Careers Days 2022

Both Careers Days were held in March this year. The What Next? event was held live in the Reilly Room and Stirling Gallery. Lectures delivered downstairs whilst practitioner tutorials on CVs and portfolios were held upstairs, surrounded by rows of BA3 Professional Practice posters.

The event was popular on all fronts. Individuals cherry-picked the talks which concerned them, joined in the tutorials of their friends and spent time together critiquing each others posters. Here was the social learning and togetherness long associated with our School which had formerly been so marginalised by external events.

The What Now? day was online and built further on the advice and development of skills provided at the previous event. There were inspiring talks. Roger Stephenson delivered a keynote lecture on his award-winning design for Halle St. Peters. Dan Barber entertainingly told us about the adventurous journey of his career in architecture – both home and abroad – since graduating from the School. Finally, five recent graduates – including two speaking from Shanghai – shared their own workplace experiences in our How I Found Work forum.

We trust that these events helped to prepare participating BA3 and MArch5 students for the next important stage of their respective careers and extend thanks to the course leads for their lectures, the practitioners review team and especially Dave King for his all-round contribution to the success of these occasions.

Speakers
Dr Ataa Alsalloum
MA in Sustainable Heritage Lead
Asterios Agkathidis
UoL, PGT Lead, MA Course Director
Dr Katerina Antonopoulou
UoL, Head of 4th Year and MArch admissions lead
Dan Barber
Kier Group
Jack Dunne
UoL, MArch Admissions lead
Peter Farrall
UoL, RIBA Professional Services advisor
John Caicedo
UoL, International Advice & Guidance team
Dave King
Founder of ShedKM
Moira McCaul
UoL Careers
Lucretia Ray
UoL, Professional Studies advisor
Roger Stephenson
Founder of Stephenson Hamilton
Riseley
Richmal Wigglesworth
Sheppard Robson

Guest reviewers
Jasmin Eastwood
Bridge architects
Sarah Green
Another Architecture + Interiors
Stuart Pavitt
Sheppard Robson
Ben Prince
Prince Architects

Photographs © Richard Dod
This year the student-led groups collaborated for International Women’s Day, creating a series of events lasting the full week alongside launching a design charrette open to all year groups and staff. Participants were asked to design a fun, innovative and sustainable pavilion to occupy Abercromby Square. The design criteria included a maximum of 25sqm, being an adaptable structure and a structural carbon budget of 10kg, to tie in with the Carbon Count exhibition coordinated by LSA Climate Crisis. Moreover, participants were asked to design with specific marginalised voices at the heart of their projects, whether this was to celebrate queer women or highlight the experience of Black women, be an eco-conscious design or a space that celebrates women all year round.

The winning proposal by MABB Collective, four third year students, aimed to ensure the heritage of the existing pavilion was retained whilst intertwining a new and fresh idea which promotes the true spirit of Liverpool.
As part of the urban exploration of Budapest the MArch4 students worked in groups and engaged with a design question as posed by the city architect, Erő Zoltán: the development of the City Hall Square in Pest (Városháza Tér). The wider site has a very long history that traverses the history of the city itself and although it has been re-imagined by architects and urban designers multiple times in the recent past, none of these visions were ever realised.

Erő Zoltán exclusively announced in our end-of-year symposium in July 2021 the municipality’s intentions to launch a new competition for the design of the square and we took this as a starting point for our exploration. By rethinking the space of the City Hall Square (but also of its adjacent sites), we attempted to redefine the civic values of Budapest today and to set up new relationships between built form and landscape, private and public space.

A selection of these projects were submitted at the ‘Tactical Urbanism Now!’ competition, organised by Terraviva. The competition asked participants to reimagine public space and to come up with new urban scenarios promote social exchange, community activities and citizens interaction through the implementation of multifunctional designs. The project ‘Connecting a Fragmented City’ by Jacob Chawner, Sam Hall, Magdi Khalil, and Joseph Riordan has received an honourable mention with a wonderful proposition. They were supervised by Studio 3 tutors Marco Iuliano and Valentino Capelo. Their light-touch intervention introduces mixed-use public spaces to the square and develops the courtyards in the city hall as extensions of these public spaces. Each space presents a unique experience, drawing on local community needs, native flora, and the unique thermal bath culture.

The Liverpool School of Architecture has funded the registration of the students to the competition.

See all the winning and shortlisted projects here: https://www.terravivacompetitions.com/tactical-urbanism-now-competition-results-2021/
Stephen Lawrence Day Event 2022

Kudzai Matsvai
BLAC Founder
Ed Cowperthwaite
Contributor

Group Contributors
Kudzai Matsvai
Ed Cowperthwaite
Myah Phelan
Molly Fitzpatrick

Special thanks
Sandy Britton and
Ola Uduku for
helping organise the
Stephen Lawrence
Day events.

This was one of a week of events organised by student led group BLAC to mark Stephen Lawrence Day

This Stephen Lawrence day we marked his death with a design charette set to celebrate a black teenager named Anthony Walker from Huyton, Merseyside, whose death drew striking similarities to Stephens. He died after he was struck in the head with an ice axe in another unprovoked, racially motivated, attack. Walker was only eighteen years old when he was murdered. To mark his death, we proposed that the Anthony Walker Foundation had asked the LSA to design a memorial park in his honour in Liverpool. The submissions had to consider the following criteria:

1. It must educate on and celebrate the life of Anthony Walker.
2. Contain a multi-purpose pavilion dedicated to advancing racial equity.
3. The built structure must emphasise sustainability.
4. The propositions should bring life to the currently derelict and overgrown site.

The winning proposal aimed to focus on Walker’s vibrant character with colours that represented his Caribbean heritage. The proposal was intended to be a community, exhibition, and performance space where people can learn about his life and legacy and was intended to involve the local primary schools through the creation of bright patterns that would become tiles. This submission also impressed us with its use of VR.

www.stephenlawrenceday.org/stephen-lawrence-day-foundation

@blaccollectiveuol

Winning Submission Images
Myah Phelan, Patrick Allan

BPOC
Bright Pavilion Of Culture

Anthony Walker
Event Photos
Molly Fitzpatrick
Heritage and Sustainability Symposium

Heritage and sustainability in education, research, policy & practice at the Liverpool School of Architecture

23 June 2022
Liverpool School of Architecture

Heritage and Sustainability Symposium

Heritage and sustainability in education, research, policy & practice at the Liverpool School of Architecture

23 June 2022
Liverpool School of Architecture

The event is organised by the Liverpool School of Architecture (LSA) in collaboration with ICOMOS-UK and sponsored by the RIBA NW’s Conservation, Heritage & Sustainability Group.

The event is led by Dr Ataa Alsalloum, a lecturer in architecture and urban heritage at LSA, a founding member of the RIBA Conservation, Heritage & Sustainability Group and the Chair of the Education Committee at ICOMOS-UK.

The event aims to celebrate this work by presentations and discussion shedding light on some of the education and research activities, besides offering an overview about the ongoing intervention projects within the LSA historical structure.

Session one: Heritage and sustainability teaching initiatives.
Presentations by staff members and students.
Welcomes: Professor Ola Uduku, Alex Dusterloh, Dr Ataa Alsalloum
BA3 Heritage Related Design Studio
Directors: Dr Nick Webb and Dr Ataa Alsalloum
Current students: Daisy Foster, Ryan Farrell
Alumni: Mirta Silvestri
MArch postgraduate Jacob Chawner, James Hole
MA in Sustainable Heritage Management
Director Dr Ataa Alsalloum
Current MA student Hu Po
MArch: Humanities and Architecture Dissertations in Heritage and Uncertain Sustainability, Dr Stephanie Koerner
MArch postgraduate Eirini Kafa, MArch, Philippa Mack

Session two: A presentation by Dr Marco Iuliano
‘The designs of the LSA extension and adaptive reuse of its heritage structures’

Session three: Research and empirical projects activities around heritage and sustainability.
‘Tracing the Past: English Medieval Vaults’, Dr Nick Webb and Dr Alex Buchanan
‘Re-Thinking Marginalised Railway Heritage in England’s Cities – Using Liverpool as A Pilot Study’, Dr Junjie Xi
‘Work on 20th-century architectural heritage’, Dr Christina Malathouni
‘Hardwick Hall project’, Dr Ranald Lawrence
‘Heritage and sustainability in terrace buildings in the UK’, Dr Haniedy Mohammadpourkarbasi
‘Digitally aided documentation and analysis of historical structures in Iraq: the Abbasid Palace and Al-Mustansiriya Madrasa in Baghdad’, Zainab Al-Malijidi, current PhD student
Carbon Counts Exhibition

From January to July, the Liverpool School of Architecture hosted the FCB exhibition *Carbon Counts* which explores the embodied carbon of some of the most common building materials used today. This public installation was a collaboration between FCBStudios, the Liverpool School of Architecture and LSA Climate Crisis – the School’s student climate action group. It has been supported by School of the Arts Partnership Fund.

A concept of Feilden Clegg Bradley Studios, who have been at the forefront of low carbon architecture for over 40 years, the Carbon Counts exhibition draws together key metrics for ten materials – including steel, aluminium, concrete and timber – to illustrate the embodied carbon impacts of each.

By understanding how to measure the embodied and emitted carbon during the construction and life cycle of a building, architects are able to make better informed choices to improve the impact of buildings on the environment.

The exhibition itself has been designed to have a low environmental impact, while ensuring longevity. Tall ‘totems’ made of recycled wood house a sample of each material inside glowing acrylic tubes. The size of each material sample varies, representing an exact equivalent of 1kg of CO₂ emitted by its manufacture.
LSA Climate Crisis student group works to increase awareness of the environmental impact of the construction industry, and how architecture can play a key role in mitigating climate change through conscious design. By working with FCBStudios and the School of Architecture to bring this exhibition to Liverpool, we have helped provide a tangible experience for students and staff about carbon impact of material choices.

“This exhibition is an incredibly insightful experience for us students to grasp the impact of materials so commonly used in our design work and the industry. Moreover, it allows us to reflect on our designs with greater consideration of the materials choices we make and envision a more sustainable built environment.” Jamie Hole, MArch5 student and lead of LSA Climate Crisis

“The Carbon Counts exhibition became a driver and a backdrop for a series of interactive events and activities engaging students (of architecture and wider university), industry professionals and general public. The generosity of FCBStudios and the passion of LSA Climate Crisis was a pleasure to work with and made producing this possible.’ Sandy Britton Senior Lecturer LSA

“We are delighted to host the Carbon Counts exhibition at LSA. As a school we are committed to supporting sustainability initiatives in architectural design: our student-led LSA Climate Crisis group have been involved in climate activism in recent times and attended the Glasgow COP26 conference. “Hosting this exhibition contributes further to our commitment to the cause of sustainability, allowing us to promote discussion of and engagement with this global issue of our time.”
Head of the School of Architecture, Professor Ola Uduku

To widen reach and impact of exhibition we created accessible resources for use by schools or families. These have been made available on the exhibition home page.

https://fcbstudios.com/fcbscarbon a whole life carbon review tool
This round table discussion, a joint production of LSA and FCBstudios, took place live and in person at Liverpool School of Architecture and was simultaneously shared live on the platform of Zoom to audiences around the world.

“Against the backdrop of the climate emergency, achieving sustainability in heritage and listed buildings is imperative. This event will explore the decisions that are faced when conserving and adapting historic buildings: how do we care for our cultural heritage in the face of a climate and ecological crisis? How can we upgrade the performance of the building fabric while maintaining cultural significance? What part does the Historic Environment have to play in helping us learn how to live responsibly? How does the embodied carbon of our historic buildings inform our understanding and approach to their reuse? What more can we do to make the re-use of historic building a solution to the crisis?”

Our expert panellists each presented their ideas and knowledge and then, chaired by Dr Barnabas Calder, discussed and answered lively audience questions. Informal conversations over refreshments followed with the visiting audience of students, public and industry professionals.

Panellists were:

Chaired by: Dr Barnabas Calder University of Liverpool School of Architecture
Dr Christian Baars National Museums Liverpool
Dr Joe Jack Williams FCB
Geoff Rich FCB
Dr Haniyeh M Karbarsi University of Liverpool School of Architecture
Professor Soumyen Bandyopadhyay University of Liverpool School of Architecture

Organisers of this event were:
Sandy Britton, (Liverpool School of Architecture) and Anna Rank (FCBstudios)

Sound and film: Russell Blythe University of Liverpool and Martin Winchester LSA
Project support: LSA climate crisis: Jamie Hole, Ffion Douglas, Conor Foster
Refreshments: Delifonseca
Supported by: School of the Arts, Feilden Clegg Bradley Studios and Liverpool School of Architecture

www.liverpool.ac.uk/architecture/events/guest/carboncountsheritageandsustainability/
https://fcbstudios.com
www.liverpoolmuseums.org.uk
After a forced hiatus due to Covid, 20 BA1 students took part in the annual 4x4 Wales project. This year it took the form of the design and build of a timber shelter for the Scouts in forests in North Wales. Students expressed their interest early in Semester 2 and, working with Unit 3 Design over several weeks, developed a sketch scheme for Client approval.

During the weekend workshop, the students were able to complete the smaller structure but didn’t get the cladding to the larger structure quite finished. However, the client was over the moon with the progress made in just 2 days.

The workshop is organised and run by Martin Shutt and Anthony Fogg from Unit3 Design and Keith Webber.

One of the participating students, Fatima Matana, observed 'I learnt a lot from this experience, especially when helping with the build, from how to lay the proper foundation to the best kinds of nuts and bolts used for stability. Although it's unfortunate that we weren't able to complete the cladding, I must say that as a team, we did a wonderful job, giving it our all and certainly laying the essential foundations for the building.'
Ideas for Huyton

An exhibition of Huyton Village High Street Renewal activations and regenerations by Studio Pen and Inc

The exhibition, *Ideas for Huyton*, brings ‘home’ the high Street visioning projects of BA3 Studio Pen and Inc to Derby Road, Huyton. The students’ work was displayed on the street, across the threshold of the venue ‘Common’, and in the windows of an empty shop unit on Derby Road. The exhibition generated conversations and interests from passers-by about their high street.

The launch event in ‘Common’ was attended by the public, the council and industry professionals creating a forum for discussion and reflection.

“The students have delivered some fantastic designs and ideas and have clearly taken on board some of the feedback about what residents and visitors want to see. The plans for Huyton Village Centre are really exciting and the Council are keen to explore ideas to make best use of the space.”

Cllr Tony Brennan, Cabinet Member for Regeneration and Economic Development

https://www.knowsleynews.co.uk/architecture-students-showcase-their-designs-for-huyton-village-centre/

The studio has worked in collaboration with: Architectural Emporium, a Liverpool based chartered practice, Dr Fei Chen from the research group *Urban Form and Social Space*, and Knowsley Metropolitan Borough Council to identify the post-pandemic challenges faced by Huyton and to test design solutions.

In semester 1, students envisioned a micro-plan and a meanwhile proposal for the Signature High Street. Projects provided either a temporary, reusable solution to a current challenge, or acted as an activator to test a specific need or a specific activity.

In semester 2, after consultation with the public in Huyton through an online survey, students visioned three types of building complex on three high street sites which had the...
highest development potential. Sherbourne Square was to be a Community Housing-based hub; Mayfair Cinema site an Arts and Culture focussed hub, and the William Hill site a Health and Well-being based hub. All proposals aimed to reuse and renew existing buildings which were significant heritage for Huyton.

For stakeholders in Huyton, students’ design scenarios provided valuable visions for the high street’s future. For the students, the involvement in a real-life development project proved to be a highly effective learning mechanism. For the researcher, the collaborative process of design-led regeneration offered interesting insights.

“collaboration is essential – a high street should be an eclectic mix of building types and uses and therefore can only benefit from a collection of ideas, rather than a design from a single person or practice.” Luke Cooper Architectural Emporium Ltd

A reflective paper on the collaborative process of design is in the making, and to be presented at the ISUF 2022 Conference. A report of the project and some valuable design recommendations for local design policies will also be produced in July to assist the street’s sustainable and zero-carbon development.

This collaboration between Sandy Britton, Fei Chen, Architectural Emporium and the local council has been supported by the Research Development and Initiative Fund of the School of the Arts and the Flexible Impact Fund of the HSS, University of Liverpool.
Budapest Trip Summer 2022

25th June–29th June

Organised by
Dr Katerina Antonopoulou

Tutors
Johanna Muszbek
Jack Dunne
Valentino Capelo

Students
Hamaad Akram
Walid Al Jaber
Hasanain Al-Jawad
Affie Ashburner
Aldi Faizi Bin Supaat
James Bower
Rufus Burridge
Jacob Chawner
Heather Coleman
David Grant
Samuel Hall
Magdi Khalil
Dean Moore
Jospeh Riordan
Chin Fung So
Ismail Tamimi
Lewis Topping
Lewis Washington
Harry Waudby
Michael Witherwick

Our study trip to Budapest saw us explore a city combined by two cities, Buda and Pest, famous for its thermal baths, coffee houses and bustling nightlife. The city is grand in appearance, with 19th century tenement courtyard buildings forming a coherent cityscape. The experience combined architectural walking tours with social celebrations to form a diverse and memorable experience.

The trip provided us the opportunity to experience a city first-hand. All our fourth-year projects were positioned in the city, responding to remote discovery. This made walking through the streets of Budapest feel familiar despite having only been experienced through a screen lens.

We discovered an eclectic mix of historic architecture on the trip, from the Gothic Mathias Church and the Castle District in Buda to the Hungarian Parliament, neo–Renaissance St. Stephen’s Basilica and the Moorish Dohány Street Synagogue. We experienced exciting contemporary architecture; the considered materiality at O’Donnell and Tuomey’s Central European University, the shimmering metal and glass structure blending interior with exterior at the Hungarian House of Music, and the Sloping Museum of Ethnography with its rooftop garden and viewing platform.

It was interesting to experience the perspective of studying architecture in Budapest through our tour of the architecture department at Budapest TU. Liverpool students also presented work to academics at the Moholy-Nagy University of Arts and Design.

Overall, this was just as much a social experience as an architectural one. We explored the Széchenyi Thermal Baths, socialised at the ruin bars, and partied on the River Danube. This was a time to develop stronger connections with each other, discuss architecture and experience the culture of Budapest.

David Grant

1 Liverpool John Lennon Airport, Waitress
2 Széchenyi Fürdo, Magdi Khalil
3 Ruin Bar, Bystander
4-St. Stephen’s Basilica, Valentino Sousa
5 A38 Ship Sunday Session, Unknown
6 Néprajzi Múzeum, Aldi Faizi Bin Supaat
7 Ruin Bar, Aldi Faizi Bin Supaat
8 House of Music, David Grant
I was thrilled to be selected for a month research residency in Venice for the Biennale Fellowship. This programme is a partnership between the British Council and University of Liverpool, to experience international exhibition work and contribute to the creative sector with the development of my own project. It is an opportunity to immerse yourself in Venice, a city example of human ingenuity and cultural inheritance.

I found Sonia Boyce work fascinating, as she used music and the ‘voice’ to reduce the emotional distance between people. It is particularly essential today, after the social isolation we all experienced with COVID. Sonia knows that music builds a sense of community and inclusivity. She included in her project artists from different backgrounds, pluralist identities, but all part of the Black Art movement. She played with this idea of freedom, and investigated conditions that lead to freedom of expression. For all of the reasons cited, the British Pavilion won the Golden Lion Award this year.

Besides my work in the pavilion, where I guided visitors and explained to them the depth of the work, I also developed an artistic project, aiming to have a social impact through culture and creativity. My project aim was to play with the ideas of metamorphosis and permanence, through the city of Venice, the most recognizable city of the world. It was a way to show that Venice is more than just a suspended city in time, but it posses other facets to it.

Razan Simbawa
PHD Student
Fellow Group
Aug-Sept 2022

My research is an investigation of the temporary places which Muslims transform and use to pray in the urban setting of Venice. Muslims preform the act of praying five times a day. Similarly, to other religions, there are designated places for worship, known in Islam as the mosque. Muslims refer to it, house of Allah (house of God). Mosques could be individual stand-alone building, or within the Islamic centers across the world, or a designated room in a building. However, according to the Islamic religion rulings on praying location, Muslims can pray anywhere on earth if the time for praying has set upon them, because the whole earth is sacred. This paper will study the informal urban places that Muslims temporarily occupy to pray in within the urban fabric of Venice. The research will address the following questions, what are the characteristics that define informal temporary praying areas in Venice? How is a sacred space defined in Islam? The research aims to fill in the intersecting point in between the spatial paradigm of Islamic religion practices and theories of sacred spaces.

“There are opportunities in life that do not come twice. When I was first presented with the proposal to apply for Venice Biennale fellowship, I was extremely excited to apply and encouraged by my supervisor Dr. Iain Jackson. Being an international Ph.D student, a mother of two, and a new resident to the UK, I had a lot on my plate. Yet, I looked forward to being accepted to this very interesting program. Throughout the virtual workshops and presentations, I had the chance to meet fascinating people who helped us understand more about the program and guided us through the world of the Biennale. Being surrounded by art and creativity reminded me of a quote by Pablo Picasso: “art washes away from the soul the dust of everyday life”. As an architect and a researcher, I am intrigued by the beauty of historical cities, the stories of people. This fellowship program will allow me to be captivated in both worlds and I am utterly grateful for this opportunity.”

Razan Simbawa PHD student
3x10 Lunchtime Lecture

The 3 architects x 10 minutes lunchtime lecture, was the first to take place at LSA this year, highlighting LSA’s strong bond with high-end architectural practices. The event was streamed live online, receiving viewers from Germany, Spain, China, Finland, Italy, the Netherlands, Turkey, Greece and the UK. It was organised as part of the MA in Architecture final reviews. The 3 guest critics, included Man Jia, former LSA alumni and architect at Zaha Hadid Architects, Filippo Lodi, creative director at UN Studio and Kyriakos Chatziparaskevas, an associate at Heatherwick Studio. During the lunch break, they delivered 3, 10 minutes long lectures to the entire LSA cohort. More similar events are expected to take place in 2023.

Man Jia (Zaha Hadid Architects)
3x10 lunchtime lecture

Filippo Lodi (UN Studio)
3x10 lunchtime lecture

Kyriakos Chatziparaskevas (Heatherwick Studio)
3x10 lunchtime lecture
Guest Lecture Series 2021–2022

https://www.liverpool.ac.uk/architecture/events/guest/

Film archive https://www.liverpool.ac.uk/architecture/events/filmarchive/

Thursday 30th September 2021
Katy Marks
A Citizens Design Bureau: weaving with wit and wisdom

Thursday 4th November 2021
Sumita Singha OBE RIBA
Designing for an Ethical World

Thursday 2nd December 2021
Martin Prince-Parrot
Back to the Future: The optimistic case for retrofitting places

Thursday 7th October 2021
Works by Marina Tabassum

Thursday 11th November 2021
LSA COP26 Micro-summit
LSA Climate Crisis (Student Climate Action Group)

Thursday 25th November 2021
Deborah Saunt and Lemma Redda
DSDHA

Thursday 2nd December 2021
Martin Prince-Parrot
Back to the Future: The optimistic case for retrofitting places

Thursday 17th March 2022
Anupama Kundoo
Using What We Have Architectural Histories of Fragments, Ruins, Rationed Resources and Obsolete Spaces

Thursday 24th February 2022
Neil Thomas
Two worlds

Thursday 3rd March 2022
Dr Joe Jack Williams
Live at the Liverpool School of Architecture

Thursday 7th–11th March 2022
International Women’s Week at the LSA

Thursday 26th April 2022
Chater Paul-Jordan
Alternative agencies in architecture: listening to archival silences

Thursday 31st March 2022
Anupama Kundoo
Using What We Have Architectural Histories of Fragments, Ruins, Rationed Resources and Obsolete Spaces

Open Guest Lecture Series supported by the School of The Arts

Extra Curricular Events/Guest Lecture Series
As we come to the end of another year it is fantastic that we are finally able to celebrate this with an onsite End of Year degree show that has been preceded by physical external examinations. The school has gone through significant transition through the past year. Professor Soumyen Bandyopadhyay has stepped down from his key leadership role of the school over the last five years, and the LSA community have welcomed Ola Uduku his successor. The school extension project has also continued to receive support from the university and we hope to cut the sod this autumn for what we hope will be a two to three-year build period. LSA also posted particularly strong results in the recently concluded National Research Excellence Framework, REF21 Architecture return, remaining one of the top English schools of Architecture. As a community we have also been glad to return to our studios and welcome both students and staff to being back at LSA, and its unique spirit of place. We have also welcomed a number of new members who have started or will be joining our community in the coming year, including workshop, teaching and research staff.

As the days begin to slowly get shorter, this is a good time to reflect on the past year and the extremely hard work undertaken as is evident in the degree show which as ever shows the true strength and resilience of the school in producing phenomenal LSA graduate. This feat would not be possible without the support of our staff and indeed the wider LSA community.

We are working to further widen and expand our local to global networks and LSA family as we look to rich, diverse and inclusive Architectural future.

Special thanks

Aside from our special thanks to Professor Soumyen Bandyopadhyay for his direction of the school over the past five years, We would like to particularly thank the LSA Professoriate who often work tirelessly in the background to ensure that various parts of LSA’s academic and professional life are supported and meet the high standards expected of our School.

LSA Community

Equality, Diversity and Inclusion

The Architecture Equality, Diversity and Inclusion Staff Working Group have been working on a number of initiatives over the past year to improve EDI in the school. This included working with the Education Committee to produce a Studio Design EDI Checklist, to help colleagues reflect on their practices and to encourage and implement change. We will continue to develop this in the coming year. We have also worked with the PGR team to update student profiles on our website to better celebrate the diversity we have amongst our cohort. The Head of School also initiated a Women’s Group for staff, and held a series of sharing sessions including presentations by Helen Aston and Anupama Kundoo.

The team have been working with Dr Peter Richmond to research our named rooms, prizes and chairs, as well as celebrating the diversity of our alumni, particularly female graduates and those who have studied at the Liverpool School of Architecture from around the world. A number of staff and students have asked for the name of the 1930s building to be removed over the past two years, an initiative supported by the EDI working group. The University of Liverpool have indicated that removing the existing name is not their preferred way forward currently, however, they are sympathetic to the ideas behind the wish to remove the name and are taking steps to address naming more broadly.

We continue to support the work of the student-led groups, who have again directed a number of important campaigns and events including the Carbon Counts exhibition, ‘the women behind the men’ poster series, an installation celebrating queer women in the profession, a design charrette and discussion event, as well as posters promoting black architects. We cannot thank the student-led groups enough for all of their efforts over the past two years, and we hope you enjoy reading more about their work over the following pages.

LSA Community/Equality, Diversity and Inclusion
This year, BLAC have continued to advocate for change. We have fought tirelessly for the school’s name to be changed and, although we have had some minor successes regarding this, the university ultimately elected to keep the name.

On a more positive note, we have contributed to the success of the school’s first International Women’s Week and Stephen Lawrence week celebrations.

We have had a very active social media presence, with things such as our Black and Brilliant series starting this year.

@blacollectiveuol
https://www.liverpool.ac.uk/architecture/community/student-ledgroups/

The Fall of the Leverhulme Building
Kudzai Matsvai
LSA Climate Crisis Group

Jamie Hole, LSA Climate Crisis Student Lead

LSA Climate Crisis is a student led group within the Liverpool School of Architecture. Our aim is to address the climate emergency through architectural education. In this we actively encourage ourselves to think more about environmental sustainability and make it an integral part of the design process rather than an addition at the end. Our group have three main aims: 1. Awareness: The built environment in the UK accounts for 45% of total Carbon Emissions, and it is crucial as architecture students to understand the impact the construction industry has on the planet. 2. Attitude: Our attitude to sustainability is integral if we are to design responsibly, and we encourage both students and staff to be more conscientious in the way we design. 3. Educate: If we are to make changes within the industry, we must understand how to make sustainable design decisions so that we can take this knowledge with us when we go into practice.

Over the past year we have actively been working on changes within education in the school. Last summer we collaborated with student group femin.ae and several influential women in architecture to ask the question, ‘why climate action needs women’, addressing the advantages of women in leadership roles in a climate crisis. In November, we hosted a school summit to coincide with COP26, and discussed how we can further address sustainability issues in the school and in architectural education. In January, we work in partnership with Feilden Clegg Bradley Studios to host their Carbon Counts Exhibition in the school which provides a hands-on experience to understand the material impact of materials in the construction industry. In March, we worked alongside the EDI groups to host a school design charrette in support of intersectional women’s week, providing a sustainable pavilion to celebrate women.

Moving forward into next year, we will be handing over to current fourth years, James Bower, Heather Coleman and Harry Waudby who have volunteered to continue the group, we look forward to seeing their progress.

Special thanks
Sumita Singha OBE
Sarah Wigglesworth MBE
Bianca Pitt
Antoinette Vermilye
Fliss Childs
Joe Jack Williams
Ola Uduku
Souymen
Bandyopadhyay
Haniyeh Mohammed-pourkarbasi
Geoff Rich
Anna Rank
Peter Farrall
Barnabas Calder
Sandy Britton
Martin Winchester
Cassidy Wingrove

Deputy Lead
Ffion Douglas
Social Media
Holly Knight-Parfitt

https://www.liverpool.ac.uk/architecture/community/student-ledgroups/

Jamie Hole
Committee Members
Ffion Douglas, Holly Knight-Parfitt, Conor Foster, Yenny Weng Mei, Heather Coleman, James Bower, Harry Waudby, Joseph Dolden, Salma Hamed, Alice Antoszkiewicz, Eleanor Ventress-Burke, Kaja Strzemiecka, Zuzanna Staniecka

@architectureforchange
Instagram: ArchitectureforChange
Femin.AE are a student-led collective striving to provide a platform and recognition to the work of women within architecture and its surrounding disciplines, alongside highlighting the issues of sexism within the field.

On International Women’s Day Femin.AE presented ‘Forgotten Women’, a poster series featuring the designers who have been often overlooked by their more famous male counterparts. The conventional history of architecture has made too many women invisible. Femin.AE’s constant aim is to make the work of women working within architecture visible. This series informed us while historically the profession has been dominated by men, behind them there were women whose contributions were being overlooked in favour of their male counterparts. The suffix in our group’s name stands for Activism, Education, Architecture and Equality – our main areas of focus.

“It is not just a matter of human justice or historical accuracy, we need to understand architecture and the complex ways it is produced”. Beatriz Colomina

It has been a successful year for Femin.AE and we’re always looking for new members. If you’d like to get involved, get in touch with our Instagram, @femin.ae

https://www.liverpool.ac.uk/architecture/community/student-ledgroups/

Femin.AE logo by Gemma Bartle

@Femin.AE
Queer Students of Architecture

Queer Students of Architecture provides a safe space from which to promote the visibility of queer-identifying people, who are historically under-represented in the school, architectural curriculum, and the wider profession. By bringing queer identities within architecture to the forefront at an educational level, we are working to normalise and reduce the stigma surrounding sexuality in the profession.

As a group we created an exhibition in celebration of International Women’s Day. Despite socially progressive steps taken towards gender equity, expectations of what a woman should look like or how they should behave are still to this day often confined to stereotypes. Societal confinements that can reap significant and negative consequences for those with non-heteronormative sexualities and/or non-stereotypical gender expressions. To illustrate the Othering faced by such women, and articulate its longstanding history, we presented our own artwork in response to the life of Herculine Barbin (1838-1868). Born intersex Barbin was assigned female at birth and then later in life, following a medical examination, forced to change her gender to male despite her own perception as being an “exceptional female”. The dispossession of her identity would reap such negative feelings and events that she would eventually take her own life. Over a century later her memoirs would be published by Michel Foucault. Barbin’s powerful writings articulate the exclusion she endured during her life as a result of adopting a gender which belied her true self.

Alongside the exhibition we were also able to stream a talk in the School by Building Equality who work to promote inclusivity for LGBTQ+ people in the architecture and construction industries. An event which provided valuable insights into what allyship looks like in a workplace environment.

It has been a successful year and we are always excited to welcome more people to join in next year’s activities.

https://www.liverpool.ac.uk/architecture/community/student-ledgroups/@QSoA.Liverpool

Remember the Name: Herculine Barbin (1/2)
Ed Cowperthwaite

Painting by Daniel Aston Clarke
The LSA Architecture Society, or ‘ASOC’ is an internal student society that has been running for over 10 years. Started in 2011 by Matt Giles and Dan Barbor, the group has consistently been an integral part of LSA’s academic life. Run by a collective of students, the aim of the group is to help foster relationships between the different academic years, through activities such as guest lectures from industry experts, to architecture-themed bar crawls.

The society was hit hard by the COVID-19 pandemic. As such, ASOC’s main goals for this year were to re-form as a society by reconnecting with the Guild of Students, to provide a solid platform for future ASOC members to further expand the group, and to re-establish the social aspect of architectural education that had been lost to the pandemic.

The highlight was the end-of-year ball. The pandemic has been a difficult period for architectural education, and as ASOC has traditionally organised a ball every year, it was the perfect opportunity to celebrate the return to some form of normality. This year it was held at the Liver Building, as a collaboration between ASOC and the School of Architecture.

The goal for ASOC is to provide a better student experience, and we’re always happy for new members to join.

Special thanks to the Liver Building for hosting and providing a wonderful experience, to the School of Architecture (in particular Ola Uduku, Jack Dunne, and Katerina Antonopoulou) for their help and contribution towards the ball, and to the Guild of Students for their help in restoring ASOC as a society.

https://www.liverpoolguild.org/groups/asoc-architecture-society
https://www.instagram.com/uol_asoc/
architecture@society.liverpoolguild.org
Creative Workshop

Workshop Facilities 2022

The main aim of the technical team this year was for the workshop facilities to return to how they operated prior to the pandemic.

The Creative Workshop and Laser Suite became drop-in facilities again, this gave the students more scope to work flexibly. The CNC router and 3-D Printing services were predominantly kept to job requests being submitted remotely and we processed a record number of files this year. We also reintroduced extended opening hours over the last four weeks of term. The AMS was open Monday-Friday and the PMDS was also accessible at the weekend thanks to our wonderful student support technicians.

The LivUniArchTechs Twitter account continues to be a useful medium for disseminating information to the staff and students who follow us.

We have also started to try and introduce more environmentally friendly or sustainable materials into the workshop areas such as bamboo, LDF and recyclable bags.

It’s been great to see the various workshops being used again over the past nine months and it’s been a very busy and productive time for the technical team, we have been so happy to see the students making models again!

We can’t wait to work with you again and we will continue to improve all the workshop facilities so that they are ready for when you return in September.

Stuey Carroll and Stephen Bretland

Technical Team

Fintan Drineen  Technical team leader
Stephen Bretland  Technical coordinator
Matt Howarth  Technical coordinator
Adiam Yenson  Workshop supervisor
Lara Gerrard  Technician
Lizzi Grattan  Technician

Student technical support assistants
Evgenia Dickins
Ioana-Silvia Branzuca
Alina Angelova
Andreea-Atalia Popovici

https://twitter.com/LivUniArchTechs
LivUniArchTechs Twitter account can also be viewed on the architecture student intranet pages:

https://www.liverpool.ac.uk/intranet/school-of-the-arts/architecture/technical-facilities/model-making-gallery/

CNC routed bamboo base and hand-made buildings, L.Gerrard
MArch thesis project: Industrial Nouveau

CNC routed polystyrene base with 3D printed buildings, L.Gerrard
MArch thesis project: Andover Estate 2022

CNC routed buildings with laser cut facias. Laser cut trees, L.Gerrard
MArch thesis project: Sensory Garden
It has been an honour to have received the Honan Travelling Scholarship Award. Being a black master’s student, I believe it is imperative that architecture students are given the opportunity to travel to Africa to learn about black history and culture through architecture.

It has always been a dream of mine to embark on research to learn how vernacular architecture has been created in Africa. The Asante Traditional Buildings are the only examples of traditional Ashanti architecture. The buildings are constructed of timber, bamboo and mud plaster and originally had thatched roofs. I am excited to learn more about the symbolism and unique meanings attached to these decorative buildings. Beliefs that have been passed down from the Asante people. Therefore, it brings me great joy that the Honan Travelling Scholarship has given me the opportunity to visit such monumental architecture.

Creating affordable yet effective housing in countries such as Africa has always been another dream of mine. After visiting, I aim to utilise my knowledge and skills gained from studying at the University of Liverpool School of Architecture by designing and creating thoughtful yet low-cost housing that replicates the historical vernacular architecture but also meets the needs of the residents. In turn, future designs will offer safety, shelter and a sustainable solution to housing.

Captain Honan (Matthew Honan) was born in Liverpool in 1878, studied architecture in Liverpool and practiced as an Architect in Liverpool. Captain Honan was killed in action in 1916 at the battle of the Somme aged 38. In his will he gifted a memorial scholarship the setting up of the Honan Prize of which the Liverpool Architects society host every year as the Honan Travel Scholarship. http://www.merseysiderollofhonour.co.uk/obits/54/544610.php

Each year the Liverpool Architectural Society invites students of architecture in Liverpool to submit proposals for a study based trip.

A scholarship is presented to the student or students whose proposal demonstrates the most appropriate and worthwhile use in the opinion of the LAS.

LAS is a historic society dating back to 1848 making it one of the oldest architectural societies in the world is also the Merseyside and Isle of Man Branch of the RIBA.

The LAS is open to people of all ages to join, members of the committee include Chartered Architects, Academics, Students, people from the architectural community and or with a general interest in architecture.

We arrange events such as site and building visits to local buildings by Liverpool architectural practices, architectural film screenings, seminars, lectures, architectural quizzes, forums and social events throughout the year.

It is really nice to be back holding our events in person again. This year our events focused on the theme of retrofit, from building visits of Municipal Buildings and the newly refurbished India Buildings, to events held in retrofitted venues and retrofit focused CPDs. This year, we saw the introduction of the Retrofly Birdbox Competition to raise funds for the Honan Travel Scholarship. It was a privilege for the LAS to review the shortlisted student schemes and attend the industry night, judging is one of the final events of our yearly calendar and we very much enjoyed seeing the hard work and quality of design ideas from the students of Liverpool School of Architecture.

On behalf of the LAS committee, I would like to wish all the students good luck for the future and on their architecture journey.

Lizzie Edge, President, Liverpool Architectural Society

LSA is actively connected to LAS and its ongoing work through graduating students, student committee members, its alumni and its teachers.

https://liverpoolarchitecture.com/
Acknowledgements

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A big THANK YOU to all our Part Time studio tutors who come in from all stages of practice to teach. Your contribution to the life of the school and its professionally accredited programme is vital.

The threshold and mutual exchange of professional practice and academic endeavour is alive, productive and exciting.

Practices include:
Absolute Beginners, Another Architecture + Interiors, Architects Journal, Architectural Emporium, Berkley Street, Batt Church, Bridge Architects, CAN, DK-architects, dRMM Architects, Dundee University, Epping Forest Council/Public Practice, Fabric District CIC, FCBSstudios, Ford Rexhepi, Foster and Partners, Friends of Sefton Park, Gibson Architects, Greek Orthodox Church, Groupwork, H Percy and Company, Harrison Stringfellow Architects, Haworth Tompkins, Heatherwick Studio, Heyne Tillet Stee, Ian Chalk Architects, Keir Group, Knowsley Metropolitan Borough Council Consultants, Landscape Institute, Manchester School of Architecture, Model Photography, Momentum Engineering, New Practice, Optimised Environments, Page Park, Peter Barber Architects, Plant-it-e, Prince Architects, shedkm, Sheppard Robson, South Liverpool Domestic Abuse Services, Squash Liverpool, Studio Weave, Turner Works. UN Studio, University of Edinburgh, University of Greenwich, University of Lancaster, VIA Museum, Waugh Thistleton, Wilma Works, Witherford Watson Mann Architects, WMS studio, Zaha Hadid Architects
Guest Critics BA1
Thank you to all the LSA staff and BA2, BA3, MArch4 and MArch5 students who helped at BA1 reviews

Guest Critics BA2
Thank you to BA3, MArch 4 and MArch5 students who attended our student led reviews

Guest Critics BA3
Studio Communities & Contested Spaces (CCS*)
Guest Critics
Daniel Aston Clarke (LSA)
Alex Dusterloh (LSA)
Dan Gibson (Gibson Architects)
Finnegan Hubert (LSA)
Tom James Artist (Absolute Beginners)
Andrea Ku (Friends of Setton Park)
Peter Mitchell (FGS)
Kelly Morris
Francesca Piazzoni (LSA)
Lucretta Ray (LSA)
Raphael Selby (Page Park)
May Tang (Heatherwick)
Dominic Walker (Witterford Watson Mann Architects)
Alexandra Williams (Wilma Works)
Patrick Zamanari (LSA)
Special thanks
Eamonn Canniffe (Manchester School of Architecture)
David Miller (Heyne Tillet Steel)
Eamonn Canniffe (Manchester School of Architecture)

Practice North
Guest Critics
Roger Stephenson CBE, Dan Wiltshire (Wiltshire studio)
Lee Bennett (Sheppard Robson), Valentino Capello (Sheppard Robson), Yu Zhan (Sheppard Robson)
Mike Cruise (Bott Cruise), Jasmin Eastwood (Bridge Architects)
Mauricio Iuliano (UoL), Nina Edge (Artist)

Special thanks
Mike Hutchison (Momentum Engineering)
Jaimie Ferguson (Optimised Environment)
Stuart Gee (UoL)

Father Stevros Kasisons (Greek Orthodox Church, Berksley Street)
Daniel Draper (Film Director)

Studio NOW
Guest Critics
Mat Barnes (CAN), Ione Bradlick (Epping Forest Council/Public Practice), Alice Brownfield (Peter Barber Architects), Marc Carris (New Practice), Emma Colthurst (University of Greenwich), Laura Gaskell (Hasborth Tompkins), Ermiter Horst (FCBS), Evonne Mackenzie (V&A Museum), Rachel Patel (Foster and Partners), Alex deRijke (dRMM Architects), James Rogers (Studio Weave), Su Stringfellow (Harison Stringfellow), Fran Williams (Architects Journal), Hannah Wilson (Percicy and Company)
Special thanks
Adam Booth (FCBS)
Richard Jenkins(Blight District CIC)
Will Howard (dRMM Architects)
Jason Cow (Groupwork)
All the staff at Ty Praww, Wrexham
Sophie Percival (Model Photography)

Heritage Related Design Studio
Guest Critics
Dr Ata Aslouisou, Claudia Briguglio, Sarah Hare, Dearbhall Keating, Charles Rattray (formerly Dundee University), Dr Giampiero Quattrone, Rebecca Sawyer (Waght Trust)
Laura Sherder, Matina Vrettou
Special thanks
Heather McGrath-Alcock, Dr Han Mei Chen
Dr Stuart Gee, John Hinchingrath, Lowri Hör, Chris Isles
Cadi Iolen, Kelly Marks, Tom Stapleton

Guest Critics M.Arch
4th year critics
Guest Critics
Dr Sophia Banou, Dr Melinda Benkő, Dominka Tinanyi, Professor Nicholas Ray, Yu Zhan, Jonathan Shaw, Gordon Talbot, Samu Szemere
Special Guests
Michael Wilford CBE
Special Thanks
Zoltán Éró
Levente Polyák

Guest Critics M.Arch 5
Dr Frances Hollis, Sebastian Aedo, Maider Liaguno, Ian Ritchie CBE, Michael Cunniff, Helen Roberts, Neil Swanson, Josi Maria, Mary Shepperson, Michael Wilford CBE, Professor Nick Ray, Richard Partington, Luke Bushnell-Wye, Bryan Hatton, Noor Ragaban, Dr Hamid Khalili, Dr Juliana Kei, Peter Farrall, Professor Richard Keocz, Jack Dunne, Dr Fee Chen, Johanna Musztek, Pietro Pezzani, Lucretta Ray, Ronny Ford
Professor Iain Jackson

Guest Critics MA
Moira Mckinlay (University of Lancaster)
Yorgos Berdos (University of Edinburgh)
Man Jia (Zaha Hadid Architects)
Kris Kaczypierakiewics (Heatherwick Studio)
Filippo Lotti (UN Studio)

Careers and employability event contributors
Thank you to:
Dr Ata Aslouisou (MA in Sustainable Heritage Lead)
Asterios Agkathidis (UoL, PGD Lead, MA Course Director)
Dr Katerina Antonopoulou (UoL, Head of 4th Year and MArch admissions team)
Anna Barber (City Group)
Jack Dunne (UoL, MArch Admissions lead)
Peter Farrall (UoL, RIBA Professional Services advisor)
John Calleedo (UoL, International Advice & Guidance team)
Dave King (Founder of ShedKM)
Moira Mccaul (UoL Careers)
Lucretta Ray (UoL, Professional Studies advisor)
Roger Stephenson CBE (Founder of Stephanie Hamilton Risley)
Richmal Wigglesworth (Sheppard Robson)


Livinarch
Instagram: Agnieszka Kania, Julia Szegho, Naristha Naicker and Holly Knight-Parritt
Twitter: Dr Francesca Piazzoni
We chat: Dr Han Mei Chen

Website Catalogue assistance: Farokh Damania, Lewis Washington, William Maxwell

ASOC committee: President: Conor Foster, Maigdi Khalil, Yenny Weng Mei, Gemma Humphray, Lucy Tany, Oliver Langdown, William Maxwell, Eleanor Ventress-Burke, Yashna Callechurn

M.Arch yearbook assistance: Amy Bone, Molly-Ann Fitzpatrick

End of Year show and industry night: Ioana Branzuca, Rufus Burridge, Jacob Chawner, Farokh Damania, Conor Foster, David Grant, Sami Hall, Jamie Hole, William Maxwell, Fatima Matana, Xinyi Meng, Andrea Popovic, Yifan Qian, Joe Riornd, Rork Smith, Lewis Washington, Harry Waudby

Thank you to all those students who have acted as ambassadors for the school in your pursuit of good architecture, a good architectural community and a fairer world.

Special Thanks
SLDAS (South Liverpool Domestic Abuse Services) Georgina Barnes (Plantie-it)
Neil Swanson (Landscape Institute)
Professor Soumyn Bandsypophayy
Han Wu
Kushagha Jhurani
Nick Sillitoe
Daniel Price

Portfolio reviewers
Jasmin Eastwood (Bridge architects)
Sarah Green (Another Architecture Interiors)
Stuart Pavett (Sheppard Robson)
Ben Prince (Prince Architects)
Dave King (shedkm)

Thank you to all our students who have been an amazing help in the life of the school throughout the year.

Particular thanks to:
Year Reps
BA3: John Caicedo (UoL, International Advice & Guidance team)
David Miller (Heyne Tillet Steel)
Ted Ruffell (LSA)
Squash Liverpool Project Client Consultants
Becky Vipond (Squash Liverpool)
Studio Pen and Inc
Guest Critics
Dr Fei Chen
Urban Form and Social Space research group
Architectural Emporium
Knowsey Metropolitan Borough Council Consultants
Simon Cadie (Turner Works)
Trevor Skempton
Dr Hamelt Chen
Guest Critics
Alix Rechephi (Ford Rechephi)
Rachel James (FCBSadvisers)
Sian Atherton (Harison Stringfellow Architects)
Luke Cooper (Architectural Emporium)
Simon Cadie (Turner Works)
Dave King (shedem)
Rowena Gragham (LSA PHD)
Studio reps


Livinarch
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Particular thanks to:
LSA 2022 Summer Degree Show and Prize Giving

The LSA 2022 Degree Show and Prize Giving is a celebration of work and achievements throughout the School with particular focus on graduating years in BA and M Arch.

Prizes presented by Head of Department Professor Ola Udulu with Lucretia Ray
Organised by: Lucretia Ray and Dr Francesca Pizzoni

Thank you to everyone who made this happen

Particular thanks to Martin Winchester, Ioana Branzuca, Rufus Burnidge, Jacob Chawner, Farokh Damania, Conor Foster, David Grant, Sam Hall, Jamie Hole, William Maxwell, Fatima Matana, Xinyi Meng, Andrea Popovici, Yifan Qin, Joe Peardan, Nick Smith, Lewis Washington, Harry Waudby, Lauren Burton

Thank you to our speaker Professor Souymen Bandypadhay

Photography: David Grant and Laurence Grant
Digital: Martin Winchester

BA Prizes

External Prizes
Sweedish Wood Student Architect Award – winner Huw Morris-Jones, runners up Amira Al Najjar, Ryan Farrell, Zoa Huang, Cad Jones and Zivin Ristic
Shapard Robson Jewlwork Prize – Emma Loughnane
AHMM award for Urban Heritage and Design – Sumaiyah Bashir

Liverpool Architectural Society Student Awards 2022 – winner Ryan Farrell, runners up Charlotte Bebb, Rhys Bennett, Samantha Evans, Charlie Fletcher, Daisy Foster, Emma Loughnane, Louis Marchini and Zivin Ristic

BA3 Book Prize donated by Ian Ritchie CBE for best background research – Ryan Farrell


School of the Arts Academic Achievement Award winner – Rhys Bennett
School of the Arts Academic Achievement Award runner up – Karolina Adamiec
Graham Saunders Memorial Prize for contribution to the life of the school – Molly Fitzpatrick
RSBA Project Management Poster Award Prize – Sunil Kim and Zak Kurtulus

BA3 Endowment Prizes
David Thistlewood Dissertation Prize – Thomas Barlow-Kay and Rebekah Garner
Charlie Anthony Minoprio Prize for best rendered drawings – Zivin Ristic
Sikorski Memorial Prize for best interior design – Zihan Zhang, Charlie Fletcher and Patrick Allan
John Rankin Awards for best sketch designs – Rhys Bennett and Charlotte Bebb

Emma Holt Travel Scholarship for academic achievement – Samantha Evans
Emma Holt Travel Scholarship for academic achievement – Karolina Adamiec
Emma Holt Travel Scholarship for academic achievement – Rhys Bennett
David Irwin Fund for environmental science performance – Grace Limani
David Irwin Fund for environmental science performance – Eleanor Robinson
Norman Foster Foundation Travelling Scholarship nomination – Amira Al-Najjar

Competition Entry Selection – Presidents Medal and Architects Journal
RSBA Presidents Bronze Medal – part 1 – Emma Loughnane and Daisy Foster
Architects Journal Student Prize – part 1 – Zihan Zhang

BA2 Prizes
John Rankin Awards for best sketch designs – Aga Kania and Xinyi Meng

BA1 Prizes
School of the Arts Academic Achievement Award
Highest achievement – Etina Long
Second highest achievement – Plejs Elias

Year of 2022 Graduating BA Students

M.Arch Prizes

Liverpool Architectural Society Student Awards 2022 – Thomas Khorsavanifar, Kenneth Elliott, Edward Cowperthwaite, and Connor Rowland (Ronny Ford)

Swedish Wood Student Architect Award – Ffion Douglas, Conor Foster, Jamie Hole and Holly Knight-Parfit (Jack Dunne)
Sheppard Robson Jicwood Prize – William Millard, Jason Norris, Callum Skinner, Scott Tonkinson (Johanna Muszbek and Pietro Pezzani)
Norwest Holst Prize – Harry Waudby
P S TYSON Prize – James Bowler, David Grant and Lewis Washington
AHMM award for Urban Heritage and Design – Adarshini Burrun, Gabriel Grodny, Lance Macadangdang and Bob Zhao (Professor Iain Jackson)

M.Arch5 Endowment Prizes
Tarn Dissertation Prize – Gabriele Grodny
Frank Horton Prize – Jane Georgi, Eirini Kafa, Yao Li and Laura Roberts (Johanna Muszbek and Pietro Pezzani)
Siikoriki Memorial Prize – Thomas Khorsavanifar, Kenneth Elliott, Edward Cowperthwaite, and Connor Rowland (Ronny Ford), Enlei Cheng, Charlotte Whittingham, Catriona Butters and Adam Clarence (Johanna Muszbek and Pietro Pezzani)
Building Management Prize – Lewis Washington

Competition Entry Selection – RIBA dissertation and Presidents Medal
Architects Journal Student Prize – Gemma Bartle, Bonnie Jackson and Vicky Robertson (Dr Francesca Piazzoni and Dr Katerini Antonopoulou)
RIBA Presidents Dissertation – Jamie Hole
RIBA Presidents Silver Medal – part 2 – Rachel Cummins, Brion O’Reilly, Sian Opie and Ashni Patel (Professor Richard Koeck and Dr Hamid Amouzad Khalil)
RIBA Presidents Silver Medal – part 2 – William Millard, Jason Norris, Callum Skinner, Scott Tonkinson (Dr Francesca Piazzoni and Dr Katerini Antonopoulou)
Charles Reilly Medal – Rachel Cummins, Brion O’Reilly, Sian Opie and Ashni Patel (Professor Richard Koeck and Dr Hamid Amouzad Khalil)

Life of the School – Jamie Hole, Ffion Douglas, Pip Mack, Kudzai Matsvai, Daniel Rankine Gayle, Danny Aston Clarke and Bonnie Jackson
Liverpool Architectural Society Honan International Travel Scholarship – Daniel Rankine Gayle

Alumni

Our Alumni family all around the world remains a big part of our school life. THANK YOU for all you do – returning as critics, speakers, sponsors, employers and a vibrant and welcomed audience to our events and participants of the same.

Sponsors

Thank you to our sponsors who have generously contributed to the prizes:

Ian Ritchie CBE RA, Jonathan Falingham MIE FRIBA, LAS (Liverpool Architectural Society) Sheppard Robson, RIBA North West, University of Liverpool Alumni, School of the Arts, Liverpool Architectural Society, AHMM, Swedish Wood

Year of 2022 M.Arch Students


Photograph © David Grant
Whole school photo 2022 taken on the site of our new school extension © Martin Winchester
It’s been good to see everyone back walking this well trodden route. What a difference a year makes. Good luck year of 2022 come back soon. From all of us. X