



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

school of
architecture

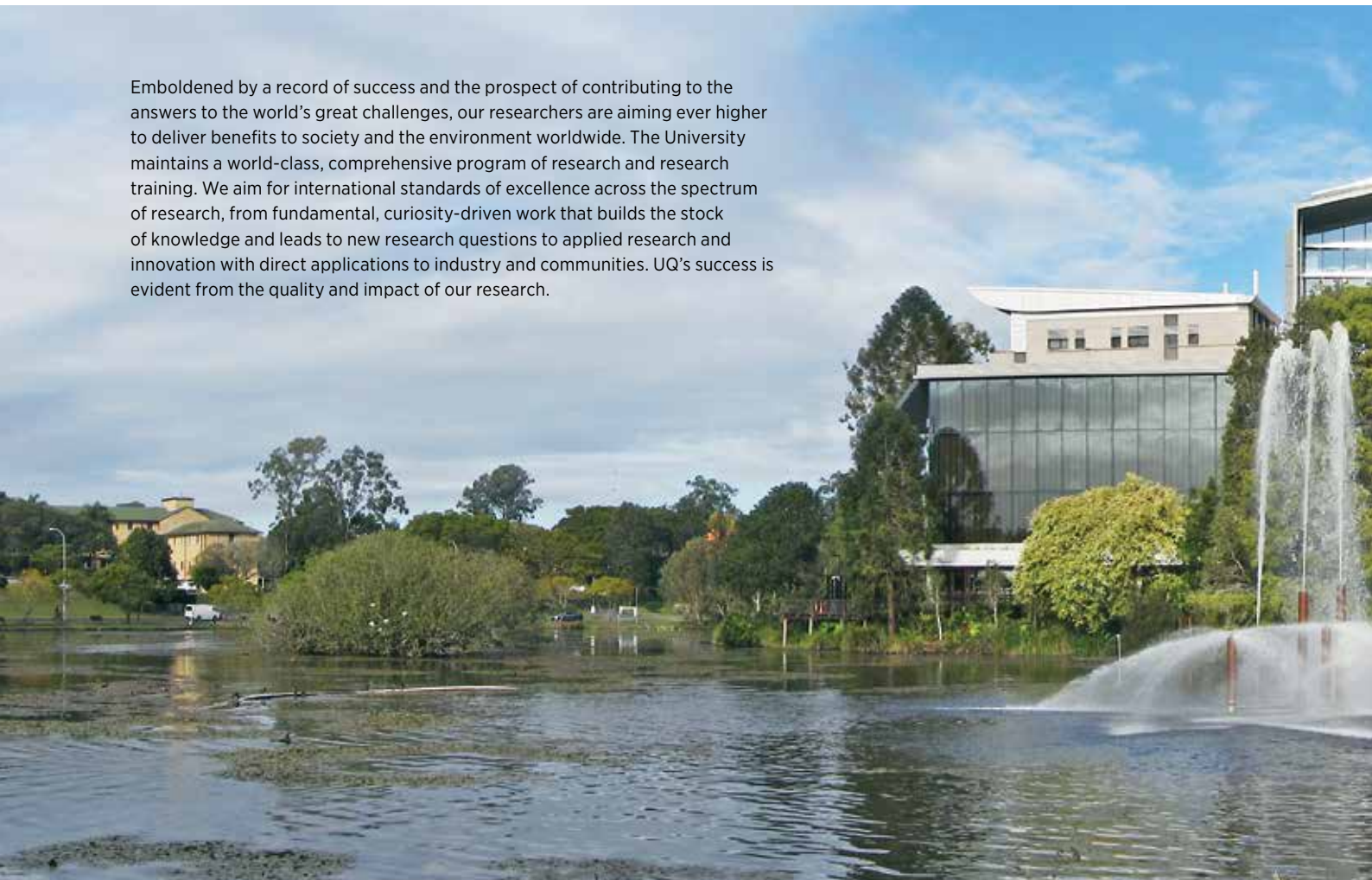
RESEARCH



THE UNIVERSITY OF QUEENSLAND

One of Australia's premier research institutions

Emboldened by a record of success and the prospect of contributing to the answers to the world's great challenges, our researchers are aiming ever higher to deliver benefits to society and the environment worldwide. The University maintains a world-class, comprehensive program of research and research training. We aim for international standards of excellence across the spectrum of research, from fundamental, curiosity-driven work that builds the stock of knowledge and leads to new research questions to applied research and innovation with direct applications to industry and communities. UQ's success is evident from the quality and impact of our research.





#1

SCHOOL OF ARCHITECTURE
IN QUEENSLAND

Good Universities Guide



Top 5

ARCHITECTURE SCHOOLS
IN AUSTRALIA

Architecture and Design 2015



Top 40

ARCHITECTURE SCHOOLS
IN THE WORLD

Architecture and Design 2015

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WORLD CLASS RESEARCH CENTRES
WITHIN THE SCHOOL

Longest standing

ARCHITECTURE SCHOOL
IN THE STATE

5-year

PROJECTED GROWTH IN
ARCHITECTURE INDUSTRY



RANKED GLOBALLY

US News Best Global
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52

RANKED GLOBALLY

Nature Index Top
Academic Institutions

89

RANKED GLOBALLY

The Times Higher
Education (THE)

60

SCHOOL OF ARCHITECTURE

A national leader in architectural education and research

UQ's School of Architecture has an outstanding international reputation for research that makes a difference—from securing more sustainable and resilient cities to increasing understanding of Australia's Indigenous, colonial and modern architectural heritage. The significance of our research has been recognised through prestigious grants from funding agencies such as the Australian Research Council (ARC). Our collaborative research with cultural and industry partners has led to policy change, major exhibitions, influential books, innovative designs and prototypes. The School of Architecture's balance between professional achievement and leadership in research ensures that it is one of the top national performers in research and higher education.

We share our expertise and design intelligence with colleagues in other disciplines, influencing UQ's international profile and research standing. We work to enrich the local architecture profession and advance the discipline of architecture internationally. Our eminent research centres, Architecture Theory Criticism and History (ATCH) and the Aboriginal Environments Research Centre (AERC), exemplify the quality of our research. We work hard to prepare graduates for a dynamic professional environment where continual learning and innovative practice is essential. Both undergraduates and postgraduates often work with us on our research projects, giving them the skills to confront the urgent intellectual and practical questions facing the design of our cities and environments; these questions are at the centre of the School's research agenda.

We are committed to improving the built environment for society and for future generations. The School engages with a cross-section of industry partners, diverse communities, and a range of professions so that our research and activities are enriched by the issues and debates confronting societies globally and to ensure that the School has impact beyond the University.

Professor Sandra Kaji-O'Grady

Dean of Architecture and Head of School







RESEARCH HIGHLIGHTS AND IMPACT

Research in the School of Architecture covers a wide territory from the most innovative architectural practices. Our research is socially and historically centered with direct impact on the architectural profession, creating broader communities of interest. Our academics have national and international reputations for excellence, and are involved in collaborative research and architecture networks worldwide.

Hot modernism — the houses, buildings and public spaces of the modernist period in Queensland

The *Hot modernism* project uncovered the houses, buildings and public spaces of the modernist period in Queensland, revealing and documenting their stories, and raising awareness of Queensland's rapidly disappearing post-war architectural heritage.

The project, funded by a major ARC Linkage grant (2011–2013), delivered three major outcomes: a public exhibition — *Hot modernism: building modern Queensland 1945–1975*; a book — *Hot modernism: Queensland architecture 1945–1975*; and a digital archive — the Digital Archive of Queensland Architecture.

More than 18,000 people viewed the exhibition at the State Library of Queensland, making it one of the library's



MORE THAN 18,000 PEOPLE VIEWED THE *HOT MODERNISM* EXHIBITION AT THE STATE LIBRARY OF QUEENSLAND, MAKING IT ONE OF THE LIBRARY'S MOST SUCCESSFUL EXHIBITIONS.

Image credit: Joe Ruckli

most successful exhibitions. Dr Deborah van der Plaats and Dr Janina Gosseye from the School of Architecture curated the exhibition in collaboration with Gavin Bannerman and Kevin Wilson from the State Library of Queensland.

Hot modernism: Queensland architecture 1945-1975 was edited and authored by the School of Architecture's Professor John Macarthur, Dr van der Plaats, Dr Gosseye and Dr Andrew Wilson (ATCH Research Centre). It also includes papers from Elizabeth Musgrave (UQ), Silvia Micheli (UQ), Donald Watson, Robert Riddel and Alice Hampson. The book highlights the houses, commercial buildings and public buildings built during the post-war period that were influenced by global modernist art and architecture.

The Digital Archive of Queensland Architecture is now used by the Queensland Department of Environment and Heritage Protection as its first resource when listing buildings from the post-war period.

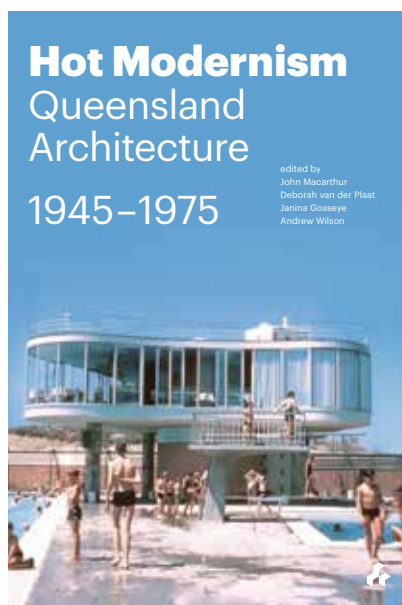


Image credit: Sydney Opera House Trust

Le Corbusier tapestry comes home to Utzon's Sydney Opera House

Research by Associate Professor Antony Moulis led to the discovery of a Le Corbusier tapestry, *Les Dés Sont Jetés*, originally commissioned by the architect Jørn Utzon for the Sydney Opera House. The work of Danish architect and Pritzker Prize winner Jørn Utzon commands world attention and his Sydney Opera House is one of the signature buildings of the 20th century. The renowned Swiss-French architect, Charles-Edouard Jeanneret-Gris, better known as Le Corbusier, designed the tapestry *Les Dés Sont Jetés* (The Dice Are Cast) after an approach by Utzon in 1958 to collaborate on the Opera House.

Associate Professor Moulis identified the tapestry, confirmed its existence and eventually located it in 2010 while researching personal letters between Jørn Utzon and Le Corbusier. In 2015, the Sydney Opera House acquired the 1960 Le Corbusier tapestry at auction, more than 50 years after it was first commissioned. It is now on permanent display in the Sydney Opera House. This major cultural work, purchased through philanthropic donations, set a record price for a tapestry artwork by Le Corbusier.

The tapestry represents Utzon's early vision for incorporating artwork within the building, offering a rare but tangible link to the architect's initial concept for one of the most famous buildings of the 20th century and a UNESCO World Heritage site.



Masters students designing for flood resilience

In August 2016, a group of Master of Architecture students participated in South East Queensland Waterfutures, a high-level planning charrette convened by local architecture firm and UQ alumni, James Davidson Architect (JDA).

Over five days, with contributions from 170 professionals from 20 different disciplines and representatives from state and local government, SEQ Waterfutures outlined a new regional approach to integrated water management in the region.

UQ Master of Architecture students formed an integral part of the charrette, assisting international facilitators John Hoal and Derek Hoeflerlin from Washington University in St Louis, USA, and Tijs van Loon from Bosch Slabbers Landscape Architects, in the Netherlands, to visually draw out the interdisciplinary conversation between participants. Supported by the Cooperative Research Centre (CRC) for Water Sensitive Cities, the Dutch Partnership in International Business, and Suncorp, the charrette brought together various institutions and professionals using design thinking as a way of building consensus and ownership of an holistic, integrated vision for Brisbane and its surrounds. An interim presentation to the CEO of the Queensland Reconstruction Authority and Queensland Chief Scientist was well received.

With the support of James Davidson and Sam Bowstead from JDA, students have been able to translate the new knowledge and ideas developed during the charrette into individual design proposals in ARCH7004: Dwelling and Density, co-ordinated by the School of Architecture's Dr. Paola Leardini. Dr Leardini - who also leads the School's contribution to the CRC for Water Sensitive Cities, with Associate Professor Antony Moulis.



Design matters to improving indigenous health outcomes

The School of Architecture's Aboriginal Environments Research Centre (AERC) is heading a 2016 ARC Discovery project evaluating the effect of design on Aboriginal people's and Torres Strait Islander people's perceptions and experience of different healthcare settings across a range of building scales and places. It aims to identify design elements and strategies that improve Indigenous visitation rates to hospitals and clinics, as well as experiences inside health architecture.

As the first piece of systematic empirical research on architectural design and Indigenous health, the study combines qualitative and quantitative research methods. Interviews with health workers, architects and administrators will complement a survey of over 600 Indigenous participants in remote, regional and metropolitan locations. The screen-based questionnaire uses innovative online technology and constructed images of settings to gather data about healthcare-related experiences, preferences and behaviours. The results of the study should be significant to health architecture



Sulcus Loci

Image credit: Judit Losh

designers and both public and private providers of health services in Australia.

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‘Sulcus Loci’ — where architecture and neuroplasticity collide

The *Sulcus Loci* installation was an interactive architectural pavilion that invited visitors to experience the interconnection between neuroplasticity and the human environment. Bringing together technology, art, architecture and science, the installation was exhibited in March 2016 as part of the inaugural Asia Pacific Architecture Forum and the World Science Festival Brisbane.

Working in partnership with Queensland Brain Institute’s (QBI) Luke Hammond, Brisbane artist Dr Svenja Kratz was commissioned by the School of Architecture to interpret QBI’s extensive collection



Sulcus Loci

Image credit: Judit Losh

of brain scans for the exhibition. Using these brain scans, Dr Kratz developed a conceptual brief for students in UQ’s Master of Architecture, Master of Multimedia Design, and Master of Interaction Design programs, challenging them to collaboratively create an immersive exhibition environment. An architectural research studio at the School of Architecture, led by architect Kim Baber, developed the structure. The pavilion is a response to naturally occurring patterns and ordering systems like those within the human body. Moving from microscopic

to habitable space, the framework was stretched with a skin and people were invited to enter and engage with the piece. Initiated by UQ’s Art Museum and curated by the School of Architecture’s John de Manincor, *Sulcus Loci* provided visitors with an immersive architectural experience. The project was part of a broader program bringing together seven organisations from across the University to engage students and academics in a creative nexus of the arts, science and environment, including composer Dr Eve Klein from UQ’s School of Music.



a | t | c | h

Architecture
Theory
Criticism
History

RESEARCH SNAPSHOT

The School of Architecture maintains an active and rich research culture.

The distinctive balance between professional achievement and leadership in research at the School makes it one of the top national performers in attaining competitive research grants. The research conducted covers a wide range of areas addressing the physical, social and historical aspects of architecture, as well as including research by design.

Traditional research is conducted principally in the areas of indigenous cultures and environments, and the history and theory of architecture. While traditional publications play a strong part in the outputs of the School, most staff also undertake non-traditional or creative works as part of their research. Architectural design research, built or unbuilt works, exhibitions and architectural criticism that frames critical discourse in the profession are among some of the excellent outputs of the academic staff.

The School of Architecture's distinctive balance between professional achievement and leadership in research ensures that it is one of the top national performers in attaining competitive research grants.

**THE SCHOOL IS HIGHLY RESPECTED
NATIONALLY AND INTERNATIONALLY,
AND IS A TOP PERFORMER IN ATTRACTING
EXTERNAL COMPETITIVE GRANT INCOME,
EVIDENCING RESEARCH PERFORMANCE
THAT IS ABOVE WORLD STANDARD.**



Image credit: Brett Boardman



Wild Australia Show exhibition, UQ Anthropology Museum. The AERC heads an ARC Linkage grant investigating the show's history.

The School of Architecture hosts two established, world-class research centres that are internationally recognised for a diverse range of research projects that address the physical, social and historical aspects of architecture.

Aboriginal Environments Research Centre (AERC)

Led by Professor Paul Memmott, AERC is a multi-disciplinary centre for research into the culture, environment and architecture of Australian Indigenous peoples. The centre recently secured UQ Vice-Chancellor's Strategic Funding for the Indigenous Design Place, a network of 25 transdisciplinary researchers from UQ, including Aboriginal personnel and Torres Strait Islander personnel. Professor Memmott is recognised for his outstanding contribution to the advancement of the architectural profession through research, education, public service and advocacy, focused primarily on the welfare of Indigenous Australians. He was elected a Fellow of the Academy of the Social Sciences in Australia in 2014 and awarded the 2015 Neville Quarry Architectural Education Prize.

Centre for Architecture Theory Criticism and History (ATCH)

Led by Professor John Macarthur, ATCH offers a rigorous and collegial environment for research into the history of buildings and architectural concepts, and the past and present culture of architecture in relation to the visual arts, design, philosophy, cultural studies, and urbanisation. Recently, Professor Macarthur has been invited by The Honourable Dr Steven Miles, Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef to join a special working party to explore and investigate innovative programs to conserve places of cultural heritage significance.

More information about research being undertaken in the School of Architecture is on our website www.architecture.uq.edu.au/research.



OUR RESEARCHERS

The research of our academic staff spans architectural design, history, theory, heritage, sustainability, and Indigenous culture. Our original research provides insight into what architecture can offer society, generating new knowledge to benefit our quality of life, and enriching creative and cultural praxis in Australia and internationally.

Our research focus is on design innovation, designing for a changing world, and mobilising knowledge to build stronger communities.

Our research methodology incorporates design-based, conceptual and traditional academic approaches. Our dynamic research culture brings energy to the School, building strategic links with governments, stakeholders, and the broader community.

Image credit: Ashley Paine

OUR RESEARCHERS



Professor Sandra Kaji-O'Grady
Dean of Architecture and Head of School

I research contemporary architecture through extended engagement with single architectural projects, drawing from critical theory and continental philosophy. My current project is on the architectural expression of science in contemporary laboratory buildings for the life sciences. The research unveils the role architecture plays in the political, financial and ideological ecology of scientific research. It shows the ways architecture responds to external forces such as patronage. This project experiments with literary modes of writing and a broad range of evidential sources. It uses architectural drawings to analyse buildings and communicate theoretical arguments.

I have two future projects emerging. One will explore how an emphasis on creativity and collectivity in neoliberal concepts of labour is leading to new kinds of 'lifestyle' workplaces. The second project will examine the consequences and innovations that take place when architectural solutions to support western models of learning, playing and living are adopted elsewhere. I am particularly interested in architectural typologies where the disciplining of citizens and the creation of society is at stake: workplaces, education facilities, stadiums, and communities for the aged. The project recognises that buildings stabilise social life, but people also use them in ways their architects did not envisage. My current work on the architecture of science notes the emergence of hybrid typologies such as the laboratory/museum and the laboratory/retail centre. Future research will explore hybrid typologies in fields such as education and seniors living, where hybridity is related to cultural dissonance.

Keywords: critical theory, long-form architectural criticism, hybrid typologies, lifestyle architectures and workplace design



Professor John Macarthur
Director of the Architecture Theory Criticism & History Research Centre

The intellectual history of architecture is a wide field of theories of architecture and their place in the history of ideas and social and institutional forms. My work has concentrated on the history of the picturesque, through which I have addressed a range of philosophical, social and political issues as they relate to architecture and urbanism. The current phase of this research is looking at how architecture and the visual arts are interrelated both in practice, theory and cultural administration. I lead the ATCH team, with a partner in Belgium. The project is funded by the ARC and it also provides research training for postdoctoral fellows and PhD students.

I have expertise in heritage assessment and in the practice of preservation of historic architecture and in adaptive re-use of older buildings. I also write as a critic considering recent architecture across Australia. I continue to be interested in the architecture of Queensland and recently completed the *Hot modernism* project, which documented the period 1945-75 in Queensland through oral histories. We are currently looking to extend this project to the later 20th century.

Keywords: aesthetics, the picturesque, architecture and the visual arts, heritage and adaptive re-use, Queensland architecture and urbanism



Professor Paul Memmott
Director of the Aboriginal Environments Research Centre

I lead the AERC, which researches Indigenous Australian people-environment relations, how people use and change their environments and how their environments shape lifeways and identity. In working with Indigenous people, the concepts of culture and cultural change are central to this research.

The AERC is starting a new project about how to encourage more Indigenous Australian people to visit hospitals and clinics by designing suitable entries, foyers and meetings spaces, combined with designing culturally appropriate services. This study is being undertaken in response to the poor attendance rates by Indigenous Australian people for health treatment and the high self-discharge rates before treatment is completed.

A second new project for the AERC is a historical study of the *Wild Australia Show*, a theatrical performance by a troupe of Aboriginal people from Queensland in 1892-93. A research issue is the environmental perceptions of people coming from a hunter-gatherer lifestyle on a violent frontier and their response to visiting Australia's largest cities, as well as the perceptions of their performance by city-based Australians. The project asks how these perceptions are linked to an abrupt change in Aboriginal policy in Australia with suppressive Protectionism legislation.

Another recent initiative for the AERC is a new research network across science, engineering, architecture, social science and humanities called Indigenous Design Place, which will strengthen transdisciplinary research on indigenous community needs.

Keywords: designing Indigenous environments, architectural anthropology, Aboriginal culture and cultural change.



**Associate Professor
Antony Moulis**

**Director of Research & Deputy Director
Architecture Theory Criticism & History
Research Centre**

Late modern architecture is currently at the centre of a significant revision. Through my research on the architect Le Corbusier, one of the 20th century's leading architects, I re-consider his impact globally, even in countries he never visited, such as Australia.

I am writing a book on how Le Corbusier's artistic, architectural and urban ideas and principles circulated overseas in the post-war period to be translated in novel ways within local architectural cultures. Geographical boundaries are questioned as a historical category for analysing architecture. I also have another edited book in production highlighting Le Corbusier's critical reception and the active role his legacy plays today.

The work of Australian architect John Andrews also exemplifies the transnational component of late modern architecture, with Andrews himself living and working between Australia and Canada. An ARC Discovery grant is supporting the production of an edited book on Andrews' travels and practice.

Another part of my future research is being undertaken with a national team of academics and designers collaborating within the Water Sensitive Cities Cooperative Research Centre (CRC). Through design-based research with colleagues at Monash University and the University of Western Australia, the work is examining the issues and processes involved in delivering best practice water sensitive urban design

Keywords: architectural theory and design, Le Corbusier, water sensitive urban design, urban intensification, modernist architecture, design research



**Dr Pedro Guedes
Senior Lecturer**

My current research focuses on early-modern, cross-cultural interactions in the genesis of built form in settlements founded by Europeans beyond their home sphere. In Africa, Asia and the Americas, merchants, conquerors, missionaries and settlers established emporia, enclaves, plantations and colonies where discernable inheritance persists today, influencing practices and outlooks. In these places, approaches to building and attitudes to private and public space were enriched by borrowing from other cultures. New responses to climate and exotic settings also evolved, expressed in emerging hybrid architectures. Mixed population legacies brought about by slavery and other displacements still resonate today in hybrid and syncretic building traditions in some of the world's most dynamic regions of growth.

These themes dovetail into my previous research on worldwide systems of trade that were dependent on the new technologies of the 19th century, linking areas of production and extraction with markets via telegraphs, railroads and steamship lines.

I am fluent in English, Portuguese, Spanish and French, with first-hand knowledge of Africa, Asia and the Americas. I am familiar with archives in former colonial outposts and in Europe.

Keywords: colonial architecture, vernacular building, cross-cultural architecture, syncretism, tropical architecture, regional architecture, globalisation, infrastructure



**Dr Chris Landorf
Senior Lecturer**

I have an ongoing research interest in the ways that heritage is mobilised, managed and consumed. I am particularly interested in the changing relationship between heritage and sustainable development in complex, historic, urban and industrial environments. My current research relates to the institutional processes used to shape and measure the impact of sustainable development strategy in historic environments, particularly in relation to social sustainability and the use of digital technologies to preserve and present cultural heritage. This research aims to support enhanced strategies for heritage management, tourism and community engagement.

My second area of research interest addresses innovative approaches to work-integrated learning in construction industry education. I am currently leading the development of an interactive digital construction environment and exploring complementary learning activities and teaching curriculum. This research is focused on using a 4D digital environment with simulated work experiences and practical learning activities to address a growing imbalance between theoretical classroom-based curriculum and practical onsite construction experiences. The digital environment is based on time-lapse 3D images captured over a major construction project, The University of Queensland's Advanced Engineering Building. I plan to add further projects to the environment.

Keywords: cultural heritage, industrial heritage, heritage management and sustainable development, digital learning environments and work-integrated learning

OUR RESEARCHERS



Dr Paola Leardini
Senior Lecturer

My academic and professional work aims at dissolving the apparent dichotomy between design and performance in the built environment.

Since my doctoral studies, my main research focus has been on energy performance and indoor environmental quality of new and existing building stock, including development and assessment of strategies for low to positive energy buildings.

My current research projects, which are diversified to address multiple environmental challenges through design responses, span from performance assessment of certified green office and residential buildings to smart cities. Future research trajectories include investigation and experimentation of innovative materials, construction techniques and design processes for higher building performance. This will inform my research activity within the recently established UQ Centre for Future Timber Structures, to develop novel methodologies for the design of tall timber buildings.

Recently, I also joined the CRC for Water Sensitive Cities, an inter-disciplinary research initiative involving over 80 research, industry and government partners, to deliver urban water management and design solutions to make Australian cities water sensitive. In this context my research examines issues and processes involved in delivering best-practice Water Sensitive Urban Design through demonstration projects for precinct scale development and redevelopment in Brisbane, with particular emphasis on quality public space for flood resilience.

Keywords: energy performance, IEQ, eco-retrofitting, urban intensification, water sensitive cities, flood resilience.



John de Manincor
Senior Lecturer

My work bridges applied research in digital design and fabrication with investigations into 'material agency'. This work has evolved from twenty years in practice, teaching and publication and draws on the *Aesthetics recycled* project. The project investigated new possibilities for recycled materials in the built environment funded a Byera Hadley Travelling Scholarship.

With researchers from the Schools of Civil and Mechanical Engineering, I am developing a system of robotically adjustable moulds for bio-composite façade fabrication. We are working towards establishing a new research group on design research in engineering, architecture, materials modelling and manufacture. This group will undertake technical and humanities research for design, fabrication and implementation of new materials developed and realised through digital design.

I am currently enrolled in the invitational PhD by Practice program at RMIT University in Melbourne. The project, *Surface operations: material limits, spatial boundaries and political projections* investigates the political agency of material and its relationship to surface.

Keywords: digital manufacturing, parametric design, material culture, architecture and surface



Dr Manu P. Sobti
Senior Lecturer

Mapping urbanity and its myriad scalar geographies features prominently in my ongoing research projects and fieldwork. I see this as a vantage that determines how future urbanists view the multiplicity of emergent stakeholders within the contentious realms of the historical city with its continually changing meanings.

My recent explorations have focused on the urban histories of early medieval Islamic cities along the Silk Road and the Indian subcontinent, with specific reference to the complex, 'borderland geographies' created by riverine landscapes. Within a transdisciplinary examination of medieval Eurasian landscapes straddling the region's Amu Darya River, I am completing a manuscript titled *The sliver of the Oxus borderland: medieval cultural encounters between the Arabs and Persians*. This work on the historical geo-politics of the Amu Darya collates extensive fieldwork in libraries and repositories employing a host of Arabic, Persian, Russian and Uzbek sources. The Oxus borderland is also the subject of my documentary film project titled, *Medieval riverlogues*.

Mapping and the spatial humanities are central to my work on Delhi, Chandigarh, Ahmedabad and Bhopal, documented in two forthcoming manuscripts. My continuing work on contemporary architecture and urbanism in the Asian region has resulted a third publication, *Chandigarh Rethink*, published this year.

Keywords: Asian urbanities, riverine borderlands, Eurasian nomadism, spatial humanities, modern architecture in the Asia-Pacific



Dr Nicole Sully
Senior Lecturer

My research primarily focuses on themes related to architecture and memory. Other research themes include the critical reinterpretation of 19th century, modern art and architecture and, more broadly, the history and heritage of Australian art and architecture. I have co-edited two books: *Shifting views: selected essays on the architectural history of Australia and New Zealand* (2008) and *Out of place (Gwalia): occasional essays on Australian regional communities and built environments in transition* (2014). *Shifting views* is a seminal collection of essays examining the impact of architecture and architectural thinking in our geographical region. *Out of place* explores historical, geographical and cultural factors that contribute to our understanding of places and settings of Australian transient communities.

Keywords: modern art and architecture, memory and architecture, history and criticism



Michael Dickson
Lecturer

My research concentrates on the process of making buildings — working between digital manufacturing technologies and fabrication to consider a more inclusive and participatory approach that includes builders, craftspeople, building owners and communities. The broad aims of my research are to find ways that technology can help develop simple fabrication. I explore the potential of under-utilised resources to create novel, adaptable, sustainable and affordable buildings.

Blending high-tech techniques and processes with low-tech materials and construction methods shifts the focus of ‘high technology’ back towards a broader consumer base that has the potential to be more easily replicated and uses social engagement to create impact. Engaging with these processes will help to address potentially large shifts in the way we live through technological and environmental changes.

I am currently developing systems of design and manufacturing to use low-grade roundwood from Queensland’s hardwood plantations. In collaboration with students, I am also developing user-built, flat-pack, prefabricated secondary dwellings that can be deployed quickly on underutilised suburban land. The aim of these dwellings is to provide affordable transitional housing that can be easily reconfigured to suit different contexts and engage the owner in the construction to reduce costs and strengthen community.

Keywords: digital manufacturing, parametric design, innovative timber construction, owner- and community-built architecture, inquiry through making



Dr Kelly Greenop
Lecturer

I am an interdisciplinary researcher working with two key themes. My first theme is the entanglement of architecture, place, and people at scales from landscapes to micro practices. Through this work, I try to understand how and why people use, conceptualise and are affected by places.

My second theme is digital cultural heritage to record, analyse, interpret, augment and create places through means such as 3D laser scanners, point-cloud visualisation, and digital modelling of heritage places both present and those that no longer exist.

I am growing a digital cultural-heritage focus at the School of Architecture through PhD students, publications and archiving Brisbane’s heritage sites onto global databases for a world audience. I want to work with industry partners to investigate the best practice of digital cultural heritage and how it can be applied by non-expert users. My work with digital cultural heritage has the potential to merge with my interests in place and Indigenous Australian cultures by mapping places, people and cultures across South East Queensland.

I am also pursuing the history and use of contemporary indigenous architecture and social housing in Australia and internationally to expand this important but under-developed field.

Keywords: digital cultural heritage, 3D laser scanning, community architecture, indigenous architecture, post-occupancy evaluation, social housing, housing policy

OUR RESEARCHERS



Dr Susan Holden
Lecturer

My research lies in the architectural humanities and intellectual history of architecture. I connect the history of ideas in architecture with contemporary situations, and elucidate the social and cultural significance of architecture for a contemporary audience. I am currently a co-investigator on two competitive external research projects funded by the ARC: *Is architecture art? A history of concepts, categories and recent practices* and *In the campus: building modern Australian universities*.

For *Is architecture art?*, I am undertaking a case study of the Centre Pompidou, a key building of the twentieth century. This case study aims to situate key moments in the history of the Centre Pompidou as a work of architecture and as an institution. These moments are situated within a longer history of the relationship between art and architecture, concepts about spatio-temporal experience and their impact on architectural form and institutional categories, and the ongoing contestation of architecture in the cultural economy. The project asks what is at stake for architecture in the art museum beyond the pavilion phenomena?

For *In the campus* I am working with a multidisciplinary team to create the first, comprehensive history of Australia's modern campuses, within the context of the global growth of the tertiary education sector after the World War II and the transnational exchange of ideas about education and planning.

Keywords: architecture and art, aesthetics, post-World War II architectural history, campus architecture, high-rise, civic centres, demolition, participation, stadiums.



Dr Silvia Micheli
Lecturer

My research interests focus on international influence and cross-cultural exchanges in 20th century and 21st century architecture. I investigate the role of architecture and urban infrastructure in the making of contemporary Asia-Pacific cities, which are characterised by both rapid economic growth and significant urban transformations.

Through a series of comparative case studies, including Singapore, Seoul, Taipei, Kuala Lumpur, Hong Kong, Brisbane, Sydney and Melbourne, I am mapping the recurrent urban typologies in the region and how they impact on the identity of cities in a global context. I consider topical themes such the architecture of soft power, architecture's role in city-branding strategies, the making of public space in dense and progressively more privatised urban contexts, and the aesthetic of tropical architecture. My research on Asia-Pacific architecture and urban infrastructure is generating interest creating a network of collaborations with industry partners.

I am also an expert in Finnish modern architecture and Italian post-war, postmodern and contemporary architecture and its international impact.

Keywords: contemporary architecture, city branding, Asia-Pacific architecture, global architecture, identity, density, use of public space, urban landscape European architecture, postmodern architecture, post-war architecture.



Elizabeth Musgrave
Lecturer

I am a Lecturer in Architectural Design and Architectural Technology and a registered architect.

My research interests focus on mid-century modern architecture in South East Queensland. In 2015, I co-authored a chapter in *Hot modernism: Queensland architecture 1945-1975* with Andrew Wilson and Deborah van de Plaats. My Master of Philosophy thesis, titled 'Mapping the Edge: An analysis of regionalist responses in the Queensland house' analysed architect-designed work in the 20th century. Building on from this work, I am currently undertaking a PhD through the University of Melbourne, investigating the work of noted South East Queensland architect, John Dalton.

My research contributing to the scholarship of teaching is focused on studio teaching and learning practices. I have contributed to research projects focusing on re-invigorating design studio pedagogy and enhancing student learning. I was a chief investigator on the Office for Learning and Teaching (OLT) funded project *Curriculum development in studio teaching*. With Emeritus Professor Brit Andresen and UQ Associate Lecturer Douglas Neale, I coordinated Travel Abroad studios for students to Japan and Finland between 2010 and 2014. In 2012, the Japan Travel Abroad Studio was recognised with the Deputy Vice-Chancellor Academic's Award for Internationalisation.

Keywords: Queensland architecture, 20th century architecture, design studio and pedagogy



Dr Timothy O'Rourke
Lecturer & Deputy Director Aboriginal
Environments Research Centre

I am a registered architect and the deputy director of the AERC, where I have worked for the past 20 years on projects spanning climate change, cultural heritage, Indigenous cultural tourism, and architectural design.

I am interested in the use of architecture and landscapes by Aboriginal groups and Torres Strait Islander groups. My research explores both the history of cross-cultural environments and the evaluation of architectural design for indigenous groups. A broader aim of this research is to enumerate the processes and design practices that contribute to socially and economically sustainable and culturally supportive architecture.

I am currently a chief investigator on an ARC Discovery project that examines Aboriginal people's perceptions and experience of healthcare architecture. In collaboration with leading social scientists from UQ's Institute of Social Science Research, this project uses both quantitative and qualitative methods to establish if and how the design of public hospitals and clinics can improve the health of indigenous people.

Working with Professor Paul Memmott and ANU historian Dr Maria Nugent on an ARC Linkage project, *Wild Australia Show*, I am examining cross-cultural spatial histories of the colonial frontier and capital cities.

Keywords: Indigenous housing, Indigenous healthcare architecture, Aboriginal housing history, vernacular architecture, culturally appropriate design



Dr Fred Teixeira
Lecturer

My research tackles the abstract notion of spatial design through a relationship between space, media and technology, with a particular interest in biology. Artists have increasingly used interrelated art forms to express one space. Electronic music, visual arts and architecture allow different types of relationships. These spatial artworks challenge scientific taxonomy. The use of different art practices to create a single work is not groundbreaking because it can be traced back to the end of the definition of 'Total Artwork' (Gesamtkunstwerk).

A distinctive trait of my studies is in recent history as new spatial systems via digital and technological intercommunication across art forms. This common language is the base by which architecture and media arts connect spatial dimensions at a more fundamental structural level than previously. Due to this connection, visual arts, music, and architecture go beyond the classical composition of distinct, individualised artistic practices. In contemporary art and architecture, they shape a new species of spatial artwork, merging at a structural level, a systematic information space, analogous, to some extent, to the biological process of morphogenesis.

Parallel connection to the consistent evolution of science, music, visual arts and architecture potentiates spaces that encourage a symbiotic relationship with cognition. Independent of any canon, we are constantly being induced by space. Therefore, it is relevant to examine how humans can interact with space to understand design modalities.

Keywords: generative design, computational design, multimodal design, immersive environments, computing and design cognition



Dr Andrew Wilson
Lecturer

My research is split between investigations of local architectural culture and contemporary and historical interactions with Europe and the Asia-Pacific, and design-based research from small-scale projects to the scale of the city and region.

I am currently working on a book that explores aspects of the education and culture of Queensland post-war architectural partnership Hayes and Scott, and their broader significance. It will give an account of their education and how it informed their approach to architecture, and central role in the dissemination of modernism locally.

Future research will investigate recent developments within contemporary Japanese architectural culture and collaborations with Japanese-based researchers on the origins of the bungalow and its manifestations globally — a continuation of design-based research through exhibition, speculation, and built work.

Keywords: architectural history, contemporary Japanese architecture, architecture and the city, urban design

OUR RESEARCHERS



Dr Janina Gosseye
Postdoctoral Research Fellow

My research focuses on the notion of collectivity in post-war architecture and is situated at the nexus of architectural theory and social and political history. In 2012, I completed my PhD on the construction of new collective spaces in post-war Flanders at the University of Leuven (Belgium) under the supervision of Professor Hilde Heynen. Part of my doctoral research was published as a book: *Architectuur voor Vrijtijds cultuur* (2011). Currently, I am researching the post-war development of shopping centres in Western Europe and Australia, for which I obtained two grants; a Postdoctoral Research Fellowship from The University of Queensland and an individual 'Veni' grant from NWO (Netherlands Organization for Scientific Research).

Keywords: post-war architecture, architectural theory, Queensland architecture, public institutions



Dr Cathy Keys
Postdoctoral Research Fellow

My research interests span between architecture and anthropology and are concerned with the architectural implication of difference.

An underlying theme of my research is the interactions of people, their cultural beliefs and practices and their environments. An ongoing area of historical inquiry is Australian vernacular architectures — those of Indigenous Australian people and settlers. Most of the existing architectural history of exchange on the frontier has highlighted the one-way transfer of knowledge and building materials from settlers to Indigenous people. My research explores overlooked examples of ongoing architectural exchange where this flow of knowledge has been reversed and architectural expertise flows from Indigenous people to settlers or there is evidence of cross-cultural exchange. I am interested in the gendered and cultural properties of interstitial space, specifically the space created under the elevated timber Queensland house.

I am concerned with design practice that responds to cultural diversity focusing on architecture by, and for, Australian Aboriginal people. I have been investigating architectural design processes that complement concepts of cultural sustainability. This research includes a concern with the architecture of well-being and I am currently engaged in a larger ARC Discovery grant focused on Indigenous Australians' perceptions of Australian healthcare architecture.

Keywords: Australian vernacular architecture, interstitial space, Queensland house, well-being, Indigenous Australian architecture, culture, gender



Dr Kaan Ozgun
Postdoctoral Research Fellow,
Cooperative Research Centre for Water Sensitive Cities

My interdisciplinary research focuses on the relationship between the urban landscape, architecture and green infrastructure, as well as their evolving coexistence to build resilience and create sustainable human environments. My early studies presented a holistic approach to the development of a design and planning framework for integrating local electricity production into the ecological function and cultural use of public spaces.

My future research will concentrate on the emerging area of energy-responsive environments, water-conscious landscapes, and urban agriculture to address the resilience and sustainability of modern cities. I am particularly interested in smart urban spaces where information technology, renewable electricity generation, water management and food production become the drivers of a new kind of publicness, creating new urban commons. This research incorporates local production at a neighbourhood scale, community-based financial models, sustainability and resilience assessment practices, as well as stakeholder engagement. This body of knowledge informs the current research at the Water Sensitive Cities CRC aiming to develop precinct-scale demonstration projects that showcase a flood resilient Brisbane city.

Keywords: landscape ecological urbanism, green infrastructure, public space, energy-responsive planning and design, design research



Dr Ashley Paine
Postdoctoral Research Fellow

The broad concern of my research—both as an academic and as a practising architect—is the design of architecture as a visual experience. As such, my work has frequently focused on the history, theory and techniques of building façades, framed by interests in colour, ornament, pattern and their resulting visual effects. Drawing equally on contemporary and historic examples, my research also interrogates the visual operation of architecture, and the compositional strategies architects use to manipulate perception, attract attention, or to engage and address a public audience.

My current research will expand on my interest in architecture as a visual condition, to look at the recent popularity of architectural exhibitions, as well as the relationship between contemporary architecture and visual arts practices. The scope of my research is also expanding to include practices of reproduction in architecture and built heritage—particularly in the context of museum displays and exhibitions—highlighting questions about architecture’s reproducibility, authenticity and disciplinarity when put on display.

Keywords: architectural history, façades, surface ornament and pattern, striped architecture, architecture exhibitions, architectural heritage, reproduction and authenticity



Dr Deborah van der Plaats
Postdoctoral Research Fellow and Architecture Theory Criticism & History Research Centre Manager

My research examines the architecture of 19th and 20th century Queensland and Britain and their intersection with contemporary theories of artistic agency, climate, place and race. Writing histories of Queensland architecture is a second focus of my work. Recent outcomes include the major public exhibition *Hot modernism: building modern Queensland 1945–1975*.

I am currently working on three projects. The first project considers the persistence of specific climatic anxieties that informed the architecture culture of tropical and subtropical Queensland. Central to this story is the correlation between character and climate in Queensland’s 19th century architecture and the threat acclimatisation posed to ideas of racial autonomy and a white, national identity.

The second project examines factors or contingencies of the colonial experience that challenged, worked against, or sat alongside the more formal (governmental) representations of colonisation. This research examines the climatic, geographical, racial and ethnic variations presented by the colonial context and whether they challenged western conceptions of architectural practice.

The third project documents the evolution of high-rise living and debates on urban density, and compares them to contemporary contexts, especially in Brisbane. While this project considers the architecture and marketing campaigns behind high-rise living in Australia, both in historical and contemporary terms, it also seeks to understand the occupancy of these buildings. A central focus of the project will be developing alternative methodologies to tell these stories, including on film and digitally.

Keywords: culture of race, place, and agency and the colonial context, history of high-rise living and urban density, historiography of architecture, architectural history of Queensland



RESEARCH TRAINING

When you graduate from the UQ School of Architecture you become part of an international network of creative individuals who are shaping the practice and discourse of architecture, and setting new agendas within the field.

The UQ School of Architecture is recognised internationally as a leading school of architectural design in Australia and offers higher degree research programs supervised by award-winning academic staff.

The School of Architecture has research strengths in architectural design, indigenous built environments, the history and theory of architecture, and sustainable design. We invite outstanding candidates to undertake a Doctor of Philosophy (PhD) or a Master of Philosophy (MPhil) in these areas.

The School offers support and supervision to registered architects, recent graduates, industry professionals and graduates in fields allied to architecture who want to undertake an architectural research project in a structured and collegial environment.

Interested applicants considering a career change, who enjoy solving real-life problems, and have a strong interest in professional development should discuss their research project ideas with the UQ School of Architecture.

More information?

Further information on the UQ School of Architecture's Research Higher Degree program can be found at architecture.uq.edu.au/rhd or contact 61 7 3365 2906.

STUDENT PROFILES

Brant Matthew Tate

PhD Candidate

Supervised by Associate Professor Antony Moulis, with assistance from Professor John Macarthur and Dr Susan Holden

Stepping into academia after 20 years of commercial practice, UQ's School of Architecture was the obvious choice for me. Combining exciting research opportunities, a growing international presence, excellent connections and substantial resources, I have been well supported by the School. There is a sense of momentum and collegiality that is hard to match, which leaves me looking forward to more exciting opportunities.

Ruth Faleolo

PhD candidate

Supervised by Professor Paul Memmott, Dr Kelly Greenop and Professor Mark Western (ISSR).

I chose to carry out my research at the School of Architecture because of the unique opportunity that I was given to work alongside Professor Paul Memmott and his team of open-minded and skilled researchers at the AERC.

Since joining the AERC in January 2015, I have been empowered to self-direct my research and to build an inter-disciplinary team across two centres: AERC and the Institute of Social Science Research (ISSR). This combination of schools of thought inspires me to develop my own methods of inquiry that are appropriate to the cultural constructs and contexts of my study. My research topic stems from my personal journey as a Pasifika migrant, as well as from my teaching background in Otara, South Auckland. In December 2015, my family and I moved to Brisbane and I am now a participant-researcher in Logan. This experience has been positive and life changing.

Rosemary Willink

PhD candidate

Supervised by Professor John Macarthur and Dr Susan Holden

I recently commenced my PhD at the UQ School of Architecture and joined the ARC-funded project, *Is architecture art: a history of categories, concepts and recent practices* led by Professor John Macarthur and Dr Susan Holden. Having worked in a number of cultural institutions such as the Centre Pompidou, the Serpentine Galleries and the Queensland Art Gallery & Gallery of Modern Art, I was keen to situate my experience within the historical and philosophical narrative of 'the arts'. The ATCH Research Centre within the School of Architecture is the ideal setting for this research and was a key factor in my decision to start a PhD at UQ.

GRADUATE SUCCESS

Dr Shaneen Fantin

Completing a PhD is challenging and exciting, and is fulfilling both intellectually and personally. Graduates of the School of Architecture have built creative and dynamic careers in the academic world and in the professional practice of architecture, making a difference to communities nationally and internationally.

Dr Shaneen Fantin

Dr Shaneen Fantin holds a PhD from UQ, awarded in 2003, on the relationship between design and culture in Aboriginal housing and has applied this research knowledge on many Indigenous housing and health projects in Queensland, the Northern Territory, New South Wales, South Australia and Canada. She is an architect and founding partner of People Oriented Design (POD), an architectural practice based in Cairns. Shaneen is a regular contributor to *Architecture Australia*, *Houses* and *Sanctuary* magazines and is the author of many journal articles and book chapters. She is Adjunct Associate Professor at The University of Queensland and James Cook University.

Dr Gillian Matthewson

Recent PhD graduate, Dr Gillian Matthewson, was awarded the Dean's Award for Outstanding Research Higher Degree Thesis. Her dissertation, 'Dimensions of gender: women's careers in the Australian architecture profession' involved ethnographic research into a number of Australian architectural practices to study the careers of women and men in architecture. This research has far-reaching implications for the architecture industry in Australia.

Following her PhD, Gillian was appointed lecturer at Monash Art Design & Architecture (MADA) Monash University, where she will

continue her research into the effects of gender in architecture, as well as teaching. Gillian is also co-editor of Parlour, the discussion and information website on equity and architecture, which has an international reach.

Dr Andrew Steen

Recent PhD graduate, Dr Andrew Steen, focused his dissertation on the intellectual history of architecture, titled 'The figures of Charles Jencks, semiology and architecture', revealing the significance and functioning of language in architectural theory as evidenced in the work of Jencks, a historian and advocate of postmodernism.

Following his PhD, Andrew was appointed lecturer at the School of Architecture, University of Tasmania, where he teaches history and theory and architectural design.

Dr Julian Raxworthy

Dr Julian Raxworthy completed his PhD in 2013 on the relationship between gardening and landscape architecture. His forthcoming book *Overgrown: practice between landscape architecture and gardening* (MIT Press, 2017) is based on his dissertation and received a Graham Foundation grant in 2016. He is currently a senior lecturer in the Master of Landscape Architecture Program at the University of Cape Town, South Africa.

ENGAGEMENT, ARCHITECTURE AND SOCIETY

Our energetic academic community hosts exhibitions, public lectures, and conferences that encourage new ideas about architecture design and critically engage with historic and contemporary architectural and design practice, building communities of interest spanning the profession and the community.



Image credit: Judit Losh

Inaugural Asia Pacific Architecture Forum

In partnership with Architecture Media Australia and the State Library of Queensland, the UQ School of Architecture presented the inaugural Asia Pacific Architecture Forum (APAF). Architects have a critical role in shaping the future of cities across this fast-growing region, responding to the diversity of its people and cultures within a broader global context. The School contributed to APAF through public workshops, exhibitions, installations, symposia and lectures. Leading architects who presented at the APAF as part of the UQ Architecture

Lecture Series included Moon Hoon of Moon Hoon Architects South Korea, and Yo Shimada, from Tato Architects, Japan. APAF explored the ways new world cities are responding to opportunities and challenges in the 21st century and the myriad networks that are being established between them.

Digital Cultural Heritage Conference

The School of Architecture is hosting the Digital Cultural Heritage Conference in 2016. This conference will focus on the emerging discipline of digital cultural



Image credit: Judit Losh



Image credit: Judit Losh

heritage and the established practice of heritage management, providing a platform for critical debate between those developing and applying innovative digital technology, and those seeking to integrate best practice into preserving, presenting and sustainably managing cultural heritage. The conference will bring together experts in this field and facilitate future collaborations and networking.

Winter Sleepout

Every year, UQ School of Architecture's Winter Sleepout raises awareness and money to support people at risk of homelessness. UQ staff and students, along with alumni and Brisbane architects, brave the winter winds 'sleeping out' on Brisbane streets.

On any given night, one in every 200 Australians are homeless, either sleeping rough on the streets, or in homeless shelters, refuges or temporary accommodation with Indigenous people and women particularly vulnerable to homelessness. The School has a commitment to addressing this lack of shelter, which is a universal human right. Our Winter Sleepout is just one way that we are contributing to those without homes. Research from our AERC has a



Image credit: Fiona McAlpine

strong focus on investigating homelessness and its causes and solutions.

Over the last three years, this event has raised over \$39,000.

Public outreach

Our academics are strongly involved in engaging with an audience outside academia and write regular news articles and columns for publications such as *The Conversation* and *Architecture Australia* to advocate for architecture and for architects and to explain what we do, how we do it, and to argue for why good design is important.

Clockwise from top:

Opening of Asia Pacific Architecture Forum, State Library of Queensland, 2016.

UQ Students on the Winter Sleepout

UQ Architecture Lecture Series, State Library of Queensland. Lecture given by South Korean architect Moon Hoon.



NETWORKS AND COLLABORATIONS

The School of Architecture collaborates across Australia and across the world.

Recent funding successes are creating closer alliances within UQ with the Institute for Social Sciences Research (ISSR), the School of Social Science, the School of Civil Engineering, and the UQ Cultural Heritage Unit. Nationally, we are collaborating with the University of Melbourne, Monash University, University of Adelaide, Wesley Mission Brisbane, Brisbane Housing Company, QUT Robotics and Autonomous Systems, CSIRO Data 61 (Autonomous Laboratory), Forest Products Innovation — Department of Agriculture, Fisheries and Forestry, Queensland Parks and Wildlife Service, and the Queensland State Government Heritage Branch.

The *Spinifex* project, lead by the AERC, is collaborating with the Australian Institute for Bioengineering and Nanotechnology, the UQ School of Agriculture and Food

Sciences and traditional tribal owners, the Indjalandji, Wakaya and Bularnu peoples.

Our academics also have strong international links with:

- Oslo School of Architecture and Design, Norway
- CyArk, the global digital cultural heritage database, USA
- University College London, UK
- University of Auckland, School of Architecture and Planning, New Zealand
- Alvar Aalto Foundation, Finland
- Vitra Design Museum, Germany
- Centre Pompidou, France
- MAXXI Museum, Italy
- Milan Polytechnic, Schools of Architecture Urban Planning Construction Engineering, Italy



- IUAV University of Venice, School of Architecture, Italy
- National University of Singapore, School of Design and Environment, Department of Architecture, Singapore
- University of Hong Kong, Faculty of Architecture, China
- University of Calgary, Canada
- University of Winnipeg, Department of Urban and Inner City studies, Canada
- University of Saskatchewan, Department of Geography and Planning, Canada
- Laurentian University, School of Architecture, Canada
- Lakehead University, Department of Anthropology, Geography and the Environment, Canada
- Victoria University of Wellington, School of Geography, Environment and Earth Sciences, New Zealand
- Auckland University of Technology, School of Art and Design, New Zealand
- Arizona State University, School of Construction, USA
- Ironbridge International Institute of Cultural Heritage, University of Birmingham, UK
- San Jose State University, USA
- UC Berkeley, USA
- Oxford Brookes University, UK
- Leeds Beckett University, UK
- Centre for Environmental Planning and Technology, India
- Chandigarh College of Architecture, Punjab University, India
- School of Planning & Architecture, India
- The Institute of History & Archaeology, Academy of the Sciences, Uzbekistan
- Department of Islamic Art and Architecture, The American University in Cairo, Egypt
- Aga Khan Program for Islamic Architecture, MIT, USA
- Department of Architecture, Korea University, South Korea
- Department of Architecture, Mongolian University of Science and Technology, Mongolia
- Department of Architecture & Urban Planning, Qatar University, Qatar



BArch design students in Colombo Sri Lanka on a New Colombo Plan research field trip with students from the City School of Architecture documenting an informal settlement in 2015.

SUPPORT US

Your opportunity to support the research efforts of the School of Architecture and its social outreach goals

The UQ Social Outreach Studio Fund

In partnership with communities in Queensland and across the Asia-Pacific, the UQ Social Outreach Studio Fund (UQ SOS Fund) supports current architecture students to deliver real benefits for people facing social or economic disadvantages through design solutions.

The UQ SOS Fund helps student architects learn in remote and regional areas, allowing them to better meet challenges and often unseen needs.

If you are passionate about making a difference through architecture, consider donating to support student achievement while creating better community outcomes.

R&D incentives

Collaborative R&D activities undertaken with UQ may be eligible for tax offsets. The R&D Tax Incentive is an entitlement program that helps businesses offset some of the costs of doing R&D. The program aims to help more businesses undertake R&D and innovate. It is a broad-based entitlement program, open to firms of all

sizes in all sectors who are conducting eligible R&D, including R&D activities contracted through registered research service providers like UQ.

The two core components of the R&D Tax Incentive are:

- a 43.5% refundable tax offset to eligible entities with an aggregated turnover of less than \$20 million per annum
- a non-refundable 38.5% tax offset to all other eligible entities.

Professional service providers, AusIndustry or the Australian Taxation Office can provide detailed advice.

ADJUNCT STAFF

Our adjunct staff are leaders in architectural practice and related fields, including government and academic roles, working across Australia and the Asia Pacific.

Adjunct Associate Professor Alex Ackfun
Executive Director — *Strategic Policy, Department of State Development Infrastructure and Planning*

Emeritus Professor Brit Andresen
Architect

Honorary Senior Lecturer Trish Andrews

Honorary Senior Fellow Greg Bamford

Adjunct Associate Professor Cameron Bruhn
Editorial Director, Architecture Media

Adjunct Professor Brian Donovan
Principal, BVN Donovan Hill

Adjunct Associate Professor Shaneen Fantin
Director, POD (People Oriented Design)

Adjunct Associate Professor Fiona Gardiner
Director Heritage, Environmental Policy and Planning, Department of Environment and Heritage Protection

Adjunct Professor Paul Henry
Senior Principal, Populous

Adjunct Professor Moon Hoon
Principal, Moon Hoon Architects

Honorary Fellow Russell Hughes

Adjunct Professor Momoyo Kaijima
Director and Co-founder, Atelier Bow-Wow

Adjunct Professor Richard Kirk
Director, Richard Kirk Architect

Adjunct Professor Paul Jones
Director-Architect, OMA

Honorary Professor Ron Lewcock

Adjunct Professor Kevin Low
Director, Small Projects

Honorary Lecturer Leonie Matthews

Adjunct Associate Professor Gerard Murtagh

Honorary Fellow Jennifer Preston
Director, JPA&D Australia Pty Ltd

Adjunct Professor Michael Rayner
Director, Blight Rayner Architecture and Design

Adjunct Professor Robert Riddel
Principal, Conrad Gargett

Emeritus Professor Balwant Saini

Adjunct Associate Professor Colin Saltmere
Managing Director, The Myuma Group

Adjunct Professor Virginia San Fratello
Assistant Professor, School of Art & Design, San José State University

Honorary Associate Professor Naomi Stead
Professor, Department of Architecture, MADA, Monash University

Honorary Associate Professor Alex Summerfield
Senior Research Associate, Bartlett School of Environment, Energy, and Resources, UCL

Adjunct Professor/Honorary Doctorate Donald Watson

Adjunct Professor Elizabeth Watson-Brown
Design Director, Architectus

Adjunct Professor Hamilton Wilson
Architect and Managing Director, Wilson Architects

Adjunct Professor Bruce Wolfe
Managing Director, Conrad Gargett

Image credit: Brett Boardman



PUBLICATIONS

2014-2016

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