

Designing your Pedagogical Vision

What does this new building need to do to support your progressive vision?

single collaborative faculty

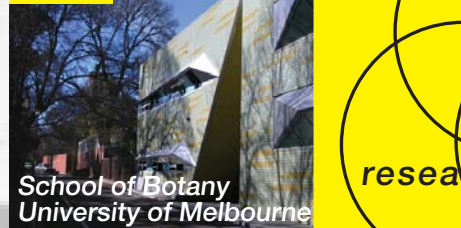


UNSW Law School, Lyons 2006

workplace of choice



respecting heritage assets



School of Botany University of Melbourne

interdisciplinary design community



"...what do we think are the expectations of our future students and leaders? How do we see our work changing?..."

"...we need to reach out to the campus, and beyond..."

"...we want to be a magnet attracting the world's best..."

"...how do we position MSD within the world of graduate design schools?"

"...how can the design support our new cultural aspirations and vision of a truly collaborative design community?..."

"...how can we use the new building to celebrate what we do? How will it reflect our unique and distinguishing attributes?..."



connecting campus and community



UWS Medical School, Lyons 2006

making the work of the school visible



John Curtin ANU, Lyons 2006

fitting to the urban campus



School of Botany University of Melbourne, Lyons 2003

The Vision

This project represents an exciting and unique opportunity to bring together some of the world's leading academics, students and professionals in a new building designed around a shared pedagogical vision of collaboration and exchange.

The building will support your model of developing a strong interdisciplinary 'design community' which forges links between practice, teaching and research and the work undertaken by the Faculty's constituent disciplines and professions.

It will provide the opportunity to strategically position the Faculty, and the Melbourne School of Design, amongst the world's elite graduate design schools including Harvard, the Pratt, PennDesign, Berlage, UCLA and other eminent research led academies.

Through its appearance, performance and the design of its spaces we see the new building actively representing who you are, how you work and what you do- celebrating and making visible the MSD's work and culture to the outside world.

Delivering an Outstanding Building and Campus Environment

Lyons' extensive work in the University and learning sectors has focused on many of the opportunities and potentials presented by your new project. These include bringing together multi-stakeholder faculties 'under one roof', designing flexible multimodal learning/research environments supported by new pedagogical models, designing work environments for optimum interactivity and exchange and linking buildings to the wider campus.

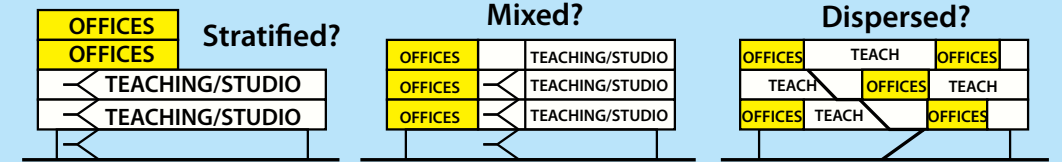
Our firm's campus planning and urban design work at over twenty major universities will also ensure that your new building fits appropriately within the distinctive landscaped setting and heritage assets of your Parkville campus.

Lyons Working With You

Our team will bring more than 20 years experience in designing learning and research environments to develop and optimise all of these 'high level' project objectives. Using our Lyons interactive methodology (refer page 5) we will work collaboratively with you and your extended stakeholder team through all phases of the project to deliver a completed building and campus environment which fully meets the University's and Faculty's aspirational vision and progressive mission.

The Collaborative Community

A connected interdisciplinary work environment



office space with good natural light, air, space for books and a place to meet and collaborate with students

Hedley Bull Centre, Lyons 2008

distributed resources

informal meeting in the corner

informal spaces for meeting and exchange

quiet spaces for reflective research

extending outdoors

Hedley Bull Centre, Lyons 2008

meeting in the office

CAFE AS SOCIAL HEART

CENTRAL COLLABORATIVE SPACE

CENTRAL LEARNING COMMONS

central point for meeting and exchange

John Curtin School, Lyons 2006

places to meet as a Faculty

Hume City Council, Lyons 2007

meeting on the stairs

UWS Medical School, Lyons 2007

spaces for students to meet and collaborate

a place for staff to relax and meet

Designing an Outstanding Work Environment

The shape and culture of your academic environment will be a key magnet in attracting and retaining the world's best researchers, designers and thinkers. It will need to deliver a high amenity work environment with a diversity of spaces, both purpose designed and flexible, to meet the specific work needs of the Faculty's academics, researchers and students. We see this including offices for individual reflective work and other small scale settings for formal and informal meetings and exchange. We would also see a diversity of workspace settings being provided for higher research degree students

—collaborative work spaces and enclosed shared offices where teams can expand and contract to meet the changing needs of your research programs.

An Extended Academic Environment

Lyons' recent design led research into academic environments suggests the academic work zone can extend across the whole of the new building providing multiple opportunities for occupants to come together and interact during the course of the working day. This might include small 'niches' and informal lounge areas, spaces to meet on interlinking stairs, in the studios and in the circulation spaces of the building. For students,

the academic environment will mean having ready access to teaching staff and places to meet and work individually and in groups. These strategies will assist in the development of a strongly interlinked 'design community'.

We also see an opportunity to provide a range of social settings and 'large scale' gathering spaces as part of the new Faculty environment. This might include a central cafe space overlooking Concrete Lawn, staff recreational areas, a new central library and resource space and large communal/public spaces for gatherings of the whole Faculty. These can be used for hosting public events, conferences and exhibitions. The blurring of traditional institutional / departmental boundaries across the academic environment will

support enhanced communication between all occupants in the building and will deliver a highly interconnected learning and research environment.

Lyons Experience

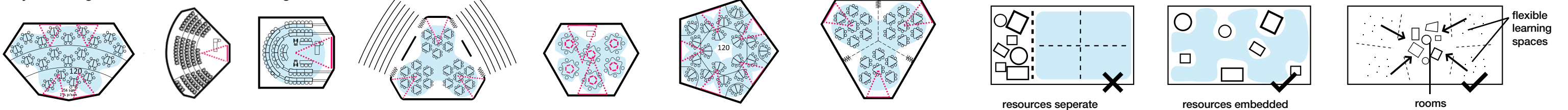
Lyons has extensive 'hands on' experience in working with academics, researchers and students in listening to and translating the needs of staff members and research teams to optimize the School's learning and research outcomes. We will bring our leading edge thinking in collaborative academic environments to the initial briefing and design phases of your project so that we can collectively develop a workplace of choice for academics, staff and students-to create one of the world's exceptional places to work and study.

The Immersive Creative Environment

A multidisciplinary 'design community'



Lyons' design led research into new learning models



The design studios and learning settings are where your staff, practitioners and students will come together to explore questions and develop propositions for the built environment.

We see these creative 'laboratory' spaces as the heart of the new building; vibrant, messy and expressive of the varied work undertaken by the Faculty's multidisciplinary design community.

In contrast to 'old school' studios which are often separated from the academic zones, we see the new studio spaces in your building being more interconnected with the life of the School and its

academic environment.

Work undertaken in the studios and learning spaces is likely to include architectural investigations, urban planning workshops, scenario based group learning sessions, design led research work and studios where staff and students collaborate with representatives from industry.

To facilitate this creative learning and research environment, the building will need to provide a range of **multi modal** and **flexible** settings including formal lecture theatres, small in-the-round discursive learning spaces and technology rich studio spaces.

The studio spaces can be designed as flexible 'learning terrains' which are re-configurable to meet the needs of specific design studios and research teams.

Other large public spaces in the building, potentially linked to the studios, can accommodate 'supertutes', exhibitions of the School's work and showcase publications by Faculty staff.

Student learning within the studio environment will be multifaceted- one on one interaction with staff, group 'desk crits', small workshop intensives, peer to peer learning and learning through observations

of others.

Resources supporting the studios will be important in creating a dynamic and 'deep' culture of critical enquiry and experimentation. We see these including high end prototyping workshops, model making studios, digital walls for presentations, wireless technologies and lounge spaces and kitchens which reflect the 24 hour nature of the studio environment.

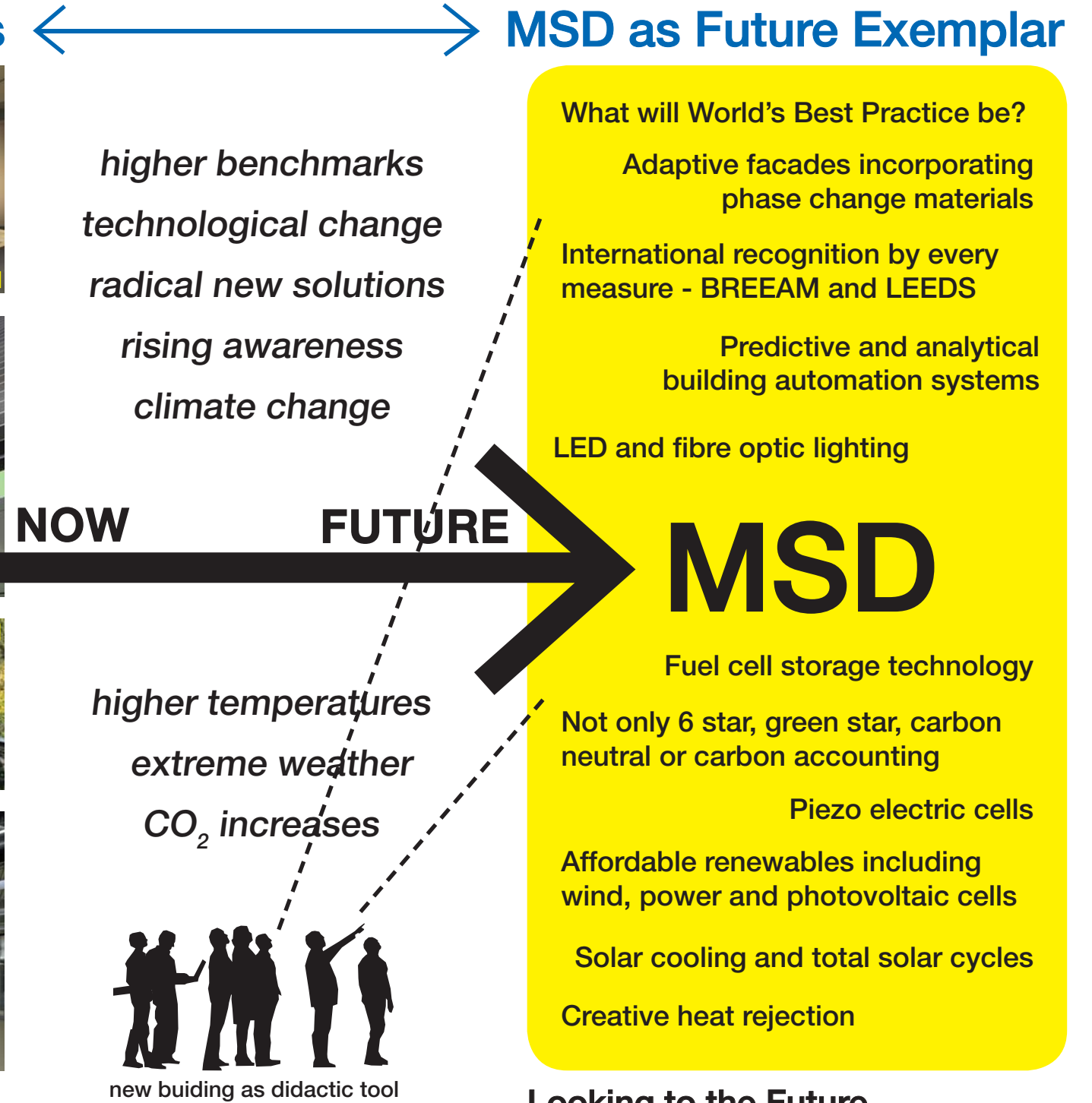
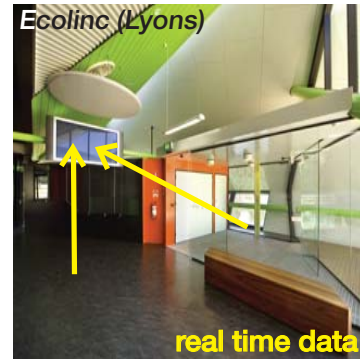
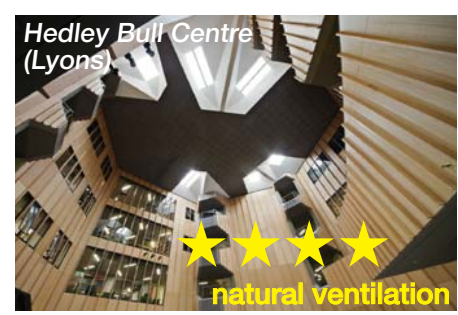
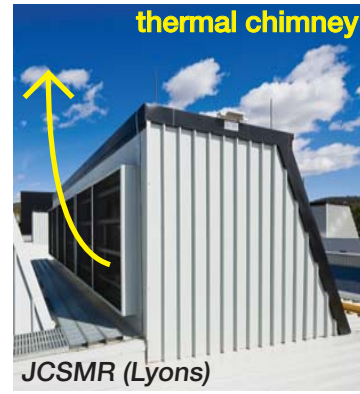
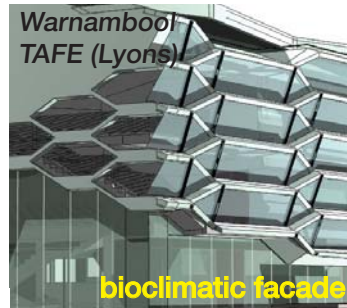
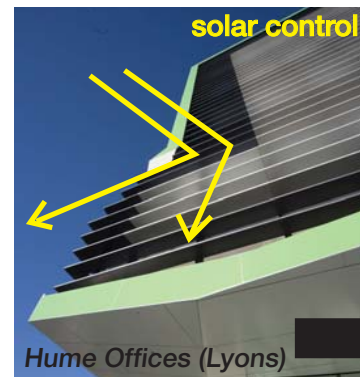
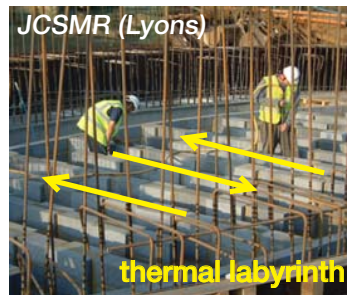
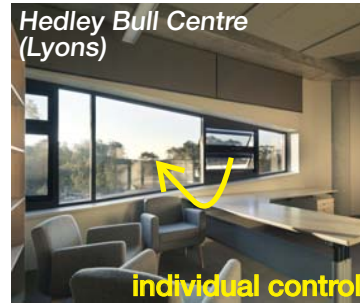
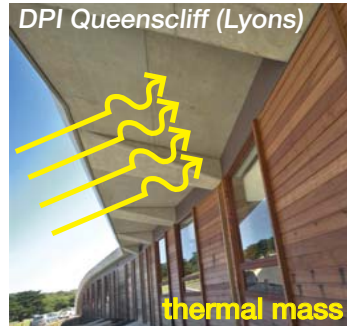
The key objective here will be to immerse staff, practitioners and students in a 'field of possibilities' - to allow multiple ways to make work and develop ideas and critical positions.

Designing a Sustainable Future

Lyons Sustainable Leadership

Lyons Exemplars

MSD as Future Exemplar



The Living Building

Lyons has worked at the forefront of research led, evidence based sustainable design for over two decades. The firm's many national and international environmental awards demonstrate Lyons' leadership in this field.

Designing a high quality internal environment in your new building will be critical to delivering a high amenity workplace for your students and staff - in the office spaces, studio spaces, and through the public zones of the building. Our design approach will deliver strategies to bring in natural light, provide effective solar control, facilitate natural ventilation and provide views out to the campus surrounds.

We also see the new building incorporating high performance architectural strategies and integrated environmental systems which will not only optimise the building's ongoing performance but also provide a didactic tool for your staff, students and industry partners.

Our design process will also consider appropriate selection of materials and finishes to be incorporated into the new building, taking into account embodied energy, long term sustainability and whole of life value. It is expected that these constructional systems and finishes will evolve over time and can also be used as demonstration case studies for students in the new building.

Looking to the Future

The new MSD will not only take advantage of current, technologies and best practices but will also need to consider the way in which the world is changing and plan to incorporate new technologies and protocols into the building's design and fabric.

We see an opportunity to design a building that is not only a didactic environment for the learning world's current best sustainable practice but is also a building which can be readily adapted to the changing technologies which will lead thinking in sustainable design into the future.

In this way the Faculty's new building and the MSD will act as recognised world exemplars of a living, adaptable environment.



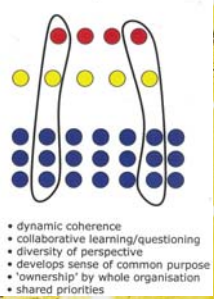
Working with Lyons

Design Leadership + Large Scale Capacity + Unique Consultative Methodology

“Our selection criteria was willingness and capacity to work very closely with the users of the building in every aspect of the design process....from early workshops they ran on our vision and needs for the building to the almost weekly discussions about every aspect of the evolving design. It has been clear that their first priority has been building a space that works for us. We gave them a very demanding brief: create a prestigious, highly dynamic social space that is also an iconic and environmentally responsible. We, as users, have also wanted to be very closely involved.. the process has been terrific in meeting these demands.”

Professor Chris Reus-Smit
Director, Hedley Bull Centre for World Politics
The Australian National University, January 2007

Workshop Process



Lyons Interactive Methodology - Stakeholder Consultation

Your new project will involve multiple stakeholders and users all of whom will bring complimentary skills, expertise and experience to your shared enterprise. It is critical that we engage with these key University and Faculty representatives to make sure that the new building fully reflects your specific strategic and operational needs.

Lyons has pioneered a unique interactive design methodology which is based on a collaborative approach. Our team will work closely with you in documenting your vision and mission and in developing a detailed functional brief for the building. The early part of the process is focused around a series of interactive Workshops which build collective 'ownership' in the evolving concept design solutions. Our approach is based on the belief that we, and your stakeholders need to fully understand what your project needs to do to support your strategic and pedagogical needs. For example, how can the new building support your strategic ambition to be one of the world's leading design and research schools?

We would propose holding three Workshops with you during the early planning and concept design

phases (after the competition phase). Workshop 1 will focus on understanding your vision and the high level needs of your constituent stakeholders. In this workshop our team 'actively listens' to gain an understanding your values, project objectives and key 'differentiators'.

Following a series of intensive briefing sessions with your project user groups Workshop 2 evaluates a number of concept design options based on these high level needs. The options are assessed in the Workshop setting against a series of evaluation criteria established by you. A preferred option is then identified and developed during a further full day session in Workshop 3.

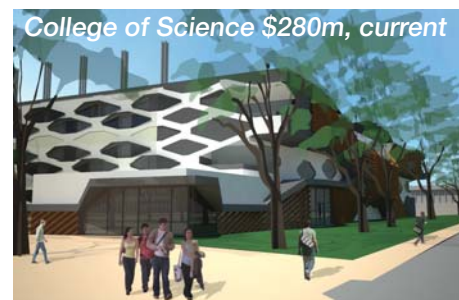
Our interactive approach is led by committed and enthusiastic teams and this collaboration continues right through to the construction and commissioning phases and assisting you in 'moving in' into your new building.

Senior Hands on Design Leadership



Corbett Lyon Cameron Lyon Hari Pliambis Richard Blight

In recognising the strategic importance of this project, we propose matching your investment with our practice's most experienced design leaders, intellectual input and documentation and technical resources. As one of Australia's largest architectural firms and being Melbourne based, we are able to draw on our extensive resource base of 75 staff to provide a local and 'large office' capacity from the earliest briefing phases through to the project's completion.



Large Project Capability & Capacity

Lyons is one of Australia's largest and leading architectural design practices and has built an enviable reputation for its capacity to successfully deliver major university and institutional projects on time and on budget.

The firm has delivered over 35 projects in this sector ranging in scale from \$20m to \$250m utilizing traditional lump sum, managing contractor and construction management delivery systems.

Lyons also has a proven capacity to deliver fully coordinated packaged documentation on large fast tracked projects.

Lyons is fully BIMs capable, utilises a Lyons specific Quality Assurance system and uses high end documentation management systems to ensure fully coordinated and quality controlled design documentation.



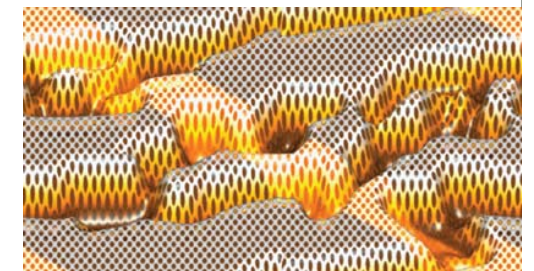
Large Melbourne Based Office



Large Resource Capacity



'Hands on' Design Leadership



Full BIMs Capability



Advanced Prototyping



In House Model Making

Industry Collaboration

Design Excellence

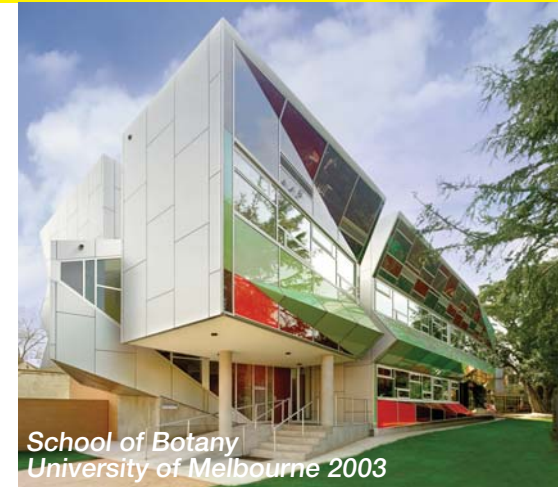
Bringing Lyons' Design Leadership to your Project



UWS Medical School 2006



ACE Melbourne 2004



School of Botany University of Melbourne 2003



School of Botany University of Melbourne



Victoria University Training Centre 2001



Lyons at Venice Biennale 2000



Recognised Design Leadership

Lyons has an established national and international reputation for delivering buildings of outstanding architectural merit for its clients. This is evidenced through the many awards, citations, writings and publications on the firm's work, invitations it receives to speak at national and international conferences and exhibitions of the firm's work in Australia and overseas.

The firm has been awarded over 30 national and international awards for its design work including the Victorian Architecture Medal and its work has been published in over 150 publications worldwide.

In 2000 Lyons represented Australia at the Venice International Architecture Biennale and more recently Lyons' work was shown at the 2008 Venice Architecture Biennale, the Museum of Contemporary Art Sydney, ArtistSpace in New York and at the 2006 Architectural Biennale in Beijing.

Lyons is a design research led practice with a focus on developing responsive solutions for its clients.

The firm has introduced new planning and design approaches through the development of its unique collaborative methodology which Corbett Lyon presented at Cornell University in September 2007.

Lyons is also one of Australia's recognised leaders in Environmentally Sustainable Design. The firm has twice been awarded the National RIAA Award for Sustainable Architecture- the nation's highest peer group honor in recognition of its commitment to, and application of, sustainable design principles.

The firm has strongly established links with Melbourne's design and research academies through teaching and joint research including a longstanding relationship with the University of Melbourne. Corbett and Cameron Lyon are both alumni of the Faculty and our nominated Team Leader Corbett Lyon is a Professorial Fellow and teaches in the Faculty's masters programs.

Lyons' staff are members of peak industry and design bodies and have given keynote addresses

and workshops to TEFMA (Tertiary Education Facilities Management Association) and other bodies such as the AIA, International DesignBuild, the National Gallery of Australia, Heide Museum of Modern Art and television and radio interviews with the ABC.

Lyons' commitment to design led research ensures that the firm continues to be at the forefront of Australia's design leadership.

Awards (selected)

- 2008 World Architecture Awards Festival Barcelona (Mornington Centre)
- 2008 AIA National Design Award (Hume City Council Offices)
- 2007 AIA National Design Award (John Curtin School Canberra)
- 2007 RIAA National Sustainability Design Award (ACE Centre of Excellence)
- 2007 CCAA Public Domain Design Award (John Curtin School Canberra)
- 2005 RIAA Victorian Sustainability Award (Ecolinc, Science Technology Innovations Centre)
- 2005 UN World Environment Sustainable Buildings Award
- 2004 RIAA Victorian Architecture Award (School of Botany)
- 2002 RIAA Victorian Architecture Medal (Victorian University Training Faculty)
- 2000 Seppelt Contemporary Art Environmental Design Award

Bibliography (selected)

- Taschen; The A-Z of Modern Architecture, Taschen 2008
- Keuning, D; Mark Magazine #16 September/ October 2008
- Phaidon; 10x10_2 100 Architects 10 Critics, Phaidon Press Limited, 2005
- Phaidon; The Phaidon Atlas of Contemporary World Architecture, Phaidon Press Limited
- Van Schaik, L; Architectural Design Vol 75 - The New Mix Culturally Dynamic Architecture, Wiley Academy, 2006
- Loriers, M C; 'Effets de Matière', Techniques & Architecture, June/July 2003, Issue 466
- Ostwald, M; 'Seduction, Subversion and Predation: Surface Characteristics', Architectural Design, Volume 73 No 2, March/April 2003
- Jackson, D and Johnson, C; Australian Architecture Now, Thames & Hudson

Exhibitions (selected)

- Abundant-Australian Pavilion Group Show, Venice Architecture Biennale, 2008
- Emerging Talent, Emerging Technologies- Architecture Biennale Beijing 2006
- Sign as Surface- curated by Peter Zellner, Artists Space, New York, September, October 2003
- City of Fiction- Australian Pavilion at 7th International Architecture Exhibition, 'Less Aesthetics, More Ethics', la Biennale di Venezia, 2000

"...a truly outstanding example of how architecture can enhance what we do..."