“The Focus” – Photographic Montage by Damien Lutz– Digital Media Production – Sydney University - 2007. “The montage is a storyboard for a short film I made as part of a group project. The montage expresses the maintaining of a belief in one’s self, in your ‘focus’, and staying true to that belief, even through the times when there seems no direction. It was my experience while being a student at 33. Sometimes I’d be thinking ‘what am I doing?’. So I practised reminding myself of my initial intentions. I’ve always been inspired by people who could stay focused.” (Damien is one of the recipients of the 2008 Sony Foundation Scholarship see Page 11).
Welcome to spring Archetype.

This year marks the 30th anniversary of the Illumination Design program – a milestone for which I take personal pride. The program commenced in 1979 (the centenary year of the soon-to-be banned incandescent lamp) — and has grown into the leading program it is today. Its graduates dominate in both design and manufacturing in Australia and increasingly in the Asia Pacific. A celebration is certainly in order and we will let you know of a date in the near future.

I would like to take this opportunity to welcome our new Professor of Urban and Regional Planning, Alan Peters. Alan comes to us from the University of Iowa, you can see more on Alan in Faculty News.

We have one of the most active and effective Alumni Councils in the University. One of its most recent initiatives was the launching of our inaugural Architecture, Design and Planning Alumni Awards (see page 8). These awards were presented at our Postgraduate Awards evening, with recipients also being nominated for the University Alumni awards. Whilst on the subject of being active — the Architecture Revue is in September and, as usual, there will be alumni drinks. Please join me and the Faculty’s staff on opening night for a pre-show drink. Support our students by attending the revue; it’s a great chance to catch up with some of your uni friends as well.

We are working hard on improving Archetype. One step is to feature more graduate profiles and this issue explores Mr Adriano Pupilli, a recent graduate, Berkeley Travelling Scholarship winner and passionate young architect. We also want to keep you up-to-date on our current research, publications and events. I welcome your comments and would like your thoughts on what you’d like included in future issues. We have also opened up the Archetype to advertising, ensuring the long-term viability of this important communication piece.

Professor Gavin Brown has retired, after 12 years as Vice Chancellor during which time he transformed the University in many ways. A consequence of his financial management has been the generation of funds to allow the transformation of the campuses from rather tired, car-dominated zones into modern, pedestrian-dominated precincts, increasingly studded with high quality architecture. If you haven’t visited recently, you should stroll along Eastern Avenue, past the almost completed Law School, across the new City Road footbridge to the Jane Foss Russel building, down to the redesigned Maze Green and onto the pathway towards Redfern Station. It’s a huge change from your student days.

The new Vice Chancellor is Michael Spence, an alumnus of the University, having graduated with First Class Honours in English, Italian and Law (BA (Hons)'85 and LLB (Hons)'87). Before leaving for the University of Oxford in 1988 to undertake doctoral studies, Dr Spence lectured in Law at the University and also worked for the Australian Copyright Council. Dr Spence has great plans for consolidating the recent achievements of the University and will be an enlivening leader for the institution.

I hope you enjoy this issue and I look forward to your comments.

Warren Julian
In April this year the Faculty of Architecture, Design & Planning welcomed a new Marketing Manager and Marketing Coordinator. John Elliott came to the faculty as Marketing Manager having held similar roles at the Faculty of Economics and Business at The University of Sydney and in various tourism industry companies, including Cunard Line and P&O Cruises.

Just to confuse everybody over naming, Jonathan Hulme joined the faculty on the same day, having worked in student support roles at Sydney University and UTS.

In an increasingly competitive environment, continuing to attract the brightest students requires well thought out communication of the many benefits the faculty offers its students. “Certainly one of the great attractions for potential students is the pride of joining an internationally renowned and successful alumni body that includes the leading practitioners and thinkers in their fields. This is certainly something we will be working on as we showcase the achievements of our students, staff and alumni.” John said, adding “I would be very interested in hearing from any of our alumni keen to showcase their achievements in print, on line and in film.”

If you would like to discuss how alumni can help promote the faculty please contact John Elliott on 02 9351 7591.

Jennifer Ryan

Jennifer Ryan started in the role of Research & Research Training Support Officer in April this year. She is enthusiastic about supporting and developing the research potential of this Faculty.

“This Faculty is unique in its diversity of research areas. From architectural theory to Design Lab’s interaction and digital media work, to sustainability, architectural and design science, to urban design, urban and regional policy and planning, its breadth and capacity to provide solutions to current challenges facing both Australia and the world is exciting.”
We would like to introduce Alan Peters, the new Professor of Urban and Regional Planning at the University of Sydney. Alan was until recently, Professor and Chair of Urban and Regional Planning at the University of Iowa. His work there included, amongst other things, the creation of large economic microsimulation models used to estimate the impact of regulation and taxation on new development. For the past decade and a half he has also been involved with the adaption of Graphic Information Systems (GIS) to planning and, more recently, the use of visualization technology to simulate the shape of future development and the impact of regulatory changes on that development.

Alan has published a number of books and monographs on planning, economic simulation and GIS. In his non-academic life, Alan has worked as a consultant and researcher in the US, Canada, the UK and his native South Africa. He holds a PhD from Rutgers University and an MScURP from the University of Natal. He is an avid sailor.

**ANDREW VANDE MOERE**

Andrew is a member of the Design Computing discipline, and has recently been promoted to Senior Lecturer.

**Mrs Penelope Seidler AM (BArch '64)**

Penelope has been awarded an AM for service to the preservation of cultural heritage, particularly through the Australian Fund, to visual arts organisations, and to architecture.

**THE SCITECH LIBRARY**

The Architecture Library has been consolidated into the amazing new SciTech Library, providing access to state-of-the-art facilities seven days a week, and supporting research in architecture, architectural and design science, design computing and planning. It is located on level 1 of the Jane Foss Russell Building, next door to the Wentworth Building. [http://www.library.usyd.edu.au/libraries/scitech/](http://www.library.usyd.edu.au/libraries/scitech/)

The Library is not just about books - ejournals, ebooks and research databases are available at [www.library.usyd.edu.au](http://www.library.usyd.edu.au). The Library provides access to everything on student reading lists, plus exam papers, multimedia resources and online readings. Facilities include group study rooms, quiet study areas, computers, printing, photocopying and scanning.

Michael Arndell is the specialist Faculty Liaison Librarian available to help you find the information you need. He runs classes to help you develop a research plan, search the web and databases more effectively, and create and manage references using EndNote software. You can make an appointment to get specialised help, or access a range of online interactive tools to learn at your own pace. For more information, visit: [http://www.library.usyd.edu.au/skills/](http://www.library.usyd.edu.au/skills/)

Thank you to Mr William Adams (BArch 74) and Mrs Madeleine Adams (BA 76) granddaughter of the late Leslie Wilkinson. The family donated $10,000 to the Leslie Wilkinson prize this year and continue to support this Faculty and preserve the legacy of its first Professor of Architecture.
We are proud to announce the winners of our inaugural Architecture, Design and Planning Alumni Awards. Though the prestigious University wide Alumni Awards program has been going for over ten years we wanted to recognise the achievements of our alumni directly. Nominees were recognised in 5 categories for outstanding achievement and the winners presented their award at the post-graduate prize night held in August in the McLaurin Hall. These awards will become a permanent fixture on our alumni calendar so don’t forget to nominate and recognise our alumni locally and internationally for their outstanding services to their professional field - nominations are called each February. Congratulations to all our winners – Mr Geoffrey Atherden, Mr Tim Osborne, Mr Ken Woolley, Mr Adriano Pupilli, and Mrs Joan Domicelj. Mrs Domicelj was awarded the Alumni Award for International Achievement for her heritage conservation but was unable to attend the event.
Architecture at Sydney University is a course that will take you out of your comfort zone and into a world where you learn to “create” space and define meaning in torn scraps of paper. But, there also comes a time when you have to get your head off the drawing board, into the open air, and remember that it’s just lines on a page. That’s where SUAS (Sydney University Architecture Society) comes in…

SUAS was established to represent the student body and we organised various events during Semester 1 including Designer Drinks on Tuesday evenings, the Architects Vs Engineers Trivia night and the Debs Ball, put on by our Second years for the First years. The Clubs and Societies Office in the University of Sydney Union reported that in Semester 1, 2008, SUAS has increased the number of Access card holders at funded events by over 400% from last year. A fantastic achievement!

Semester 2 promises to be even more exciting with the Annual Cake Competition and the 2008 Graduation Exhibition, which will be held at the Tin Sheds Gallery from the 21st to the 30th November.

The Architecture Revue returns for 2008 in what critics are already calling “a revue.” Audiences will be overwhelmed by the rock band ensemble delicately counterpointed by hip-hop dance numbers, culminating in an epic climax jam packed (well, technically marmalade) with super heroes, people, and in which events and actions take place. You’ll laugh, you’ll cry, it will change your life.

Presented in full glorious 3D at the internationally renowned York Theatre, it’ll feel as if you’re watching real actors on a real stage!

The 2008 Architecture Revue ‘The Dark Suburban Knight’ will take place at the Seymour centre from the 18th to the 20th of September.
Tickets available at the Seymour centre website: www.seymour.usyd.edu.au
Check out www.archrevue.com for more details.
Mitchell Page  
BDesComp (Hons) 2006

What made you choose Design Computing?
My first preference for a university degree was computer science. However after attending the USYD open day and seeing the Design Computing presentation I changed my preferences the next day and Design Computing became my first preference degree.

What kind of student were you?
I actually just missed out on the UAI necessary to enter the degree which was quite heartbreaking – luckily I was within the range to apply for flexible entry. I worked hard over the summer putting together a portfolio, which thankfully was accepted. So the fact that I had to earn my place in the classroom encouraged me to work harder, in a way to prove that I deserved to be there. So I soon became a hardworking/leader-type student (or at least that’s what I was told)

What are your best/worst memories of University?
For me, my degree was life changing. I took my studies further than I ever imagined I would by undertaking an honours research degree with Dr Vande Moere which received international attention, and I found myself doing interviews for newspapers, radio and magazines around the world including ESPN, New Scientist and NewsWeek. It was also during my degree that I became friends with fellow classmate Daniel Holmes, who I recently started a company with specialising in web development.

Knowing what you know now, what advice would you give to yourself as a student?
I would probably tell myself to take a few business and marketing related courses outside the faculty. Although the design and research courses I took were great and provide all the skills one needs for a career in digital, they didn’t take into account factors such as marketing your skills/products, managing clients, project management, etc. I’ve taken a course in marketing since graduating, but I probably could have taken a similar course while still at uni.

What was your first job?
My first job after graduation was working for Sony as an online producer. My first job ever was as a kitchen hand at Pizza Hut.

What are you working on at the moment?
After a year of working two full-time jobs (as I was working for our company at night while at Sony during the day) I recently resigned from Sony to focus on our company full-time. So right now I’m working 3 days for our company and 2 days at one of our client’s offices where I am on a retainer.
on the Brisbane River and the redevelopment of the Prince Henry site at Little Bay.

What is the most rewarding element of your career?
Making a difference by raising awareness of urban design quality and improving architectural design and development outcomes.

What has been your career highlight?
Being elected and then re-elected as President RAIA NSW. My colleagues who also stood for the position were of very high calibre and it was a great honour to be given the opportunity to give something back to the profession in this way.

What are they teaching now that you wish they offered when you were at uni?
This year I’ve started another post-grad degree… an Executive MBA. It would have been extremely useful to have undertaken courses in Property Economics and Corporate Finance as part of my undergraduate architecture studies.

Who are your greatest influences?
The late ‘Nugget’ Coombs, Tom Uren and Michael Mundine. All remarkable people with a strong social conscience. Their humility and determination is inspirational.

Where do you see yourself in 10 years’ time?
Living and working between Sydney, Catherine Hill Bay and elsewhere on the globe. I think it’s time to travel again.

Who would you most like to have lunch with?
My family and close friends. I never have enough time to spend with them.

What are you reading at the moment?
I’ve just finished reading ‘Norwegian Wood’ by Haruki Murakami. An exceptional book about university life in the ’60s. It was a present from my university-student daughter.
What made you choose Architecture?
I have always been interested in the built environment and the nature of space and I have been drawn to the creative process from childhood. The mystery of inventing something from nothing is very powerful. I still get great pleasure from the exploratory act of drawing and interpreting three dimensions in a personal, codified way.

What kind of student were you?
I was a slow starter. Sometimes feeling like a square peg in a round hole. I didn’t over extend myself… probably cruising a bit, enjoying being at university.

What are your best/worst memories of University?
I enjoyed studio days the most. Particularly to see how other students were developing their ideas. I also greatly enjoyed lectures by Lloyd Rees and the art workshops at the Tin Sheds. They confirmed my life as an artist and taught me to be diverse in my methods and references and to keep exploring the world.

Knowing what you know now, what advice would you give to yourself as a student?
To be less timid and not to waste time on superfluous things. Probably still applies to me. I guess it’s a lifelong balancing act between the need to do the everyday things and spending time finding and exploring new territory.

What was your first job?
I worked in a nursery through out my university days.

What is your current job?
I am currently NSW Assistant Government Architect. I have a design overview role in the office as well as engaging with new clients.

What is the job you wish you had?
I’m very happy with my job at present. I’d like a little more time to paint and reflect.

What is the most rewarding element of your career?
Working on public buildings in an office with a long and proud tradition. But more importantly working with new graduates, mentoring them and seeing them move on to pursue their own careers; its fascinating watching people grow.

What has been your career highlight?
Winning a Monbusho scholarship to study and work in Tokyo with Toyo Ito. But I’m an eternal optimist…the best is yet to come.

What are they teaching now that you wish they offered when you were at uni?
I believe I studied at the best time. Education was free and it gave you more time for exploring…this is now more limited, however a greater emphasis on sustainability and interdisciplinary collaboration would have been helpful.

What/who are your greatest influences?
People with passion…from Caravaggio, Van Gogh, Pollock, Rees…also people who are multidimensional, looking at the world in a variety of ways.

Where do you see yourself in 10 years’ time?
Government Architect, with exhibitions of paintings overseas.

Who would you most like to have lunch with?
The Dalai Lama for Sunday lunch with my wife and children.

What are you reading at the moment?
‘Midnight in Sicily’, as I’m planning a trip there later this year.
Congratulations to the recipients of the 2008 Sony Foundation Technology and Science in Digital Media Scholarship - Damien Lutz and Dominic Sburlati. The Sony Foundation commits $25,000 per year to cover the tuition fees of each student and each scholarship is awarded based on academic merit in the first year of the Master of Design Science (Audio and Acoustics) and master of Design Science (Digital Media). We introduce this years winners and talk to Sony about the important benefits of funding this scholarship.

**Damien Lutz**

I began the Digital Media course at Sydney University with the intent on finding fresh direction. I really enjoyed the diversity of the course, met some great people, and changed careers. Receiving the Sony Foundation scholarship is both a humbling and encouraging experience. It offers me greater opportunity to continue further study or to pursue some personal projects.

**Dominic Sburlati**

I am not studying any more but have graduated with a masters degree. After achieving High Distinction average grades at every stage of tertiary education, I figure its time to put them to some good use and get a respectable job in Acoustics. This path of work was established through the direction that my studies at JMC academy and Sydney Uni took me. At each new level of study, greater levels of understanding for the various career paths becomes more apparent. I appreciate the aid the Sony Foundation Scholarship has provided me, I hope its impressive title will wow employers and help me gain entry into the industry.

The Sony Foundation Scholarships were established in 2000. The Scholarships are funded by the Sony Foundation, Australia which seeks as its mission to 'capitalise on the unique qualities of Sony to contribute to the advancement of the Australian community by assisting its youth and fostering their talents'. The purpose of the scholarships is to encourage the study of audio-visual media in the Faculty and their objective is to encourage excellence in analysis and creativity in audio-visual media production, technology and software. The scholarship is awarded based on creativity, production, editing and presentation.

**WORDS FROM SONY**

The Sony Foundation Australia was formed in 1999 by the Sony group of companies who saw a growing need within our community and recognised that corporations should play a more active role in the solution. Hence, the Foundation was created with a guiding mission 'to capitalise on the unique qualities of Sony and contribute to the advancement of the Australian community by assisting its youth and fostering their talents'. This is done through funding a variety of innovative programs which are focused on young Australians. These include specific programs within the Salvation Army, Youth Off The Streets, Jump Rope For Heart and CanTeen among others.

The Sony Foundation is focussed on assisting and developing both talented and disadvantaged young Australians by fostering their talents. To assist talented young Australians, the Foundation partners with educational institutions to offer scholarships to individuals, in fields which reflect each of the Sony businesses. The Sony group of companies are at the forefront of technology and innovation, with the Sony Foundation’s Science and Technology Scholarship allowing individuals to excel in the areas of audio and digital media.
When Adriano Pupilli finished school he did not have the grades to get into University so thought he would try his hand at drafting. He completed a Diploma in Civil Engineering at TAFE in 1998 and decided higher education was his path. Seven years later and a double degree in architecture with 1st class honors under his belt, Adriano is a young man with a passion for architecture and an egalitarian approach to housing.

On the Deans honours list for all but one year of his study, Adriano attributes being on the list to feeling passionate about what he was doing. ‘It wasn’t necessarily an issue getting on the list it was just a matter of directing myself to what I felt passionate about which made it easy’.

In 2002, Adriano was awarded the Byrera Hadley Scholarship, which took him to Manila. He worked in Payatas, an informal settlement where people migrated from the country to get a bit of the action in the city ‘a slice of the money’, if you could call it that. They used the local rubbish dump as a major source of building materials and income through recycling cutlery, tin cans and plastic bottles – whatever they could find. Adriano was struck by how they informally housed themselves in a system where governments were of no help. He started to see the benefits of influencing your own housing to have a big share in its construction and arrangement empowering the occupant.

Sustainable development became a passion for Adriano and with one of his mentors, Col James - Director of the IB Fell Centre* and a project with Armasell (a plastics technology company) they made alternative building panels using plastic and cardboard. The outcome was a two-storey paper house that enjoyed great success and exhibited for about 2 years around the faculty and design X. This also led to the larger project ‘Cardboard House’, exhibited at the Opera House and the impetus for other projects such as CRASH** that followed.

As part of the CRASH initiative, set up through the IB Fell Centre, councils and developers are encouraged to offer vacant premises to the homeless or students for the time they are left empty. Adriano received a call from Col James in 2002 asking him what he thought of living in Bronte, ‘bit rough on rent assistant income’, he recalls saying at the time, but it turned out to be an old State Emergency Services headquarters disused for about a year, Col had arranged with the council for them to live for $1 a month for 24 months before it was demolished. ‘For a bunch of architecture students who were pretty ‘povo’, we were able to concentrate on our studies instead of full-time work - pretty much unheard of amongst our peers’, he says. The impact of that experience enabled Adriano to think of the power such vacant dwellings have on housing the homeless, it showed there could be a win/win situation between the developer and lower income occupant. If this sort of thing made policy low income occupants could live close to essential services such as education and hospitals etc.***

In 2004 Adriano won the Berkeley prize travel fellowship which allowed to travel to Barcelona and conduct a study on

“ He started to see the benefits of influencing your own housing to have a big share in its construction and arrangement empowering the occupant. ”
displaced people in that city. It was a short project of three weeks and he ended up visiting 20 or 30 of the Casas Okupadas (squatted houses) – it was a follow on from the Philippines where people did a similar thing of informally housing themselves but in a different context – a developed city where it wasn’t the waste dump that provided the opportunities but disused mansions. Adriano described the way each person decked out their room and the system of social organisation as quite amazing, many were students or artists who didn’t have full time incomes but had secure housing through their social networks who fought together to keep authorities out.

When Adriano finished University he was in for a shock, one day he was submitting his final design and critique and the next was flying to Papua New Guinea to help build a series of 40 bungalows. ‘It was quite a baptism of fire, the real world has a way of distracting you from what you really want to do, whereas at University you are able to constantly internalise and ponder those things – in the real world you can be pushed and shoved which I felt I was in Papua New Guinea, it was an amazing project but it didn’t leave a lot of time for self direction’. Adriano was the construction manager or site architect for a series of 40 bungalows using local skills, labour, construction methods and PNG materials to build accommodation units. He was on site every day and very focused on the workers, ‘sustainability is more than just environmental sustainability, you need social sustainability – the skills those guys learnt on that site they were able to take to another site and pass it on to the next crew’.

Adriano currently works for Health Habitat under the mentorship of Paul Pholeros whom he credits with giving ongoing support and guidance. ‘Paul always has the time to share and advise me in the right way. To see the bigger picture when at times you can get bogged down in the detail. It has guided me in the work I do with him and also the work I do outside of Health Habitat.

Health Habitat looks at the critical things affecting indigenous health. So it is a health issue primarily, housing is the secondary issue. Their philosophy is if you can fix the health related aspects of housing (health hardware), and repair whatever is not functioning then you can improve the health of the occupants. Parallel to that is the data side of things, data is collected through the process of fixing the health hardware in the homes and that data shows what things fail, why and how they are used. From this information a list of design guidelines are created that architects can use to design more appropriate housing.

Typical hardware that fails is pipes or hot water systems not being installed properly. Adriano emphasises that ‘common thought is Aboriginals wreck their homes but the data shows, and this is from trades not surveyors – 10% is due to vandalism and the other 90% is due to wear and tear and overuse because the houses are over occupied and there is not enough of them’. Health Habitat is about work on the ground affecting policy – it is creating policy and immediately improving the health of the houses – so the occupants can actually regain their health. Health Habitat is on the review board for a lot of government commissioned housing so they have a kind of watchdog affect with respect to design, mostly at the health and policy end.
Asked if he could make any changes to the profession of Architecture Adriano says ‘to stop isolating itself, I know it is not the only profession that does this, I just know this was my main sense of disillusion when studying. This is why I grabbed on to people like Paul Pholeros, Anna Rubbo and, of course Col James because it represented a tangible architecture that related to people, to a majority of the worlds population that were in desperate need of shelter rather than padding out the portfolios of those who possibly already have 20 properties around town. A relevance to larger society is the key thing architects need to respond to’.

His advice to architecture students, ‘Look down every corridor, don’t restrict yourself to one particular school of thought. Talk to as many professors you can find, you will feel a natural kinship with one of them, explore all avenues. I was feeling pretty hopeless for a while until I discovered there was this avenue I hadn’t even known’.

Adriano felt the faculty did encourage students to explore though he does worry about faculties going all cyber and digital – ‘at the moment there is this trend to be a 3D whiz without the actual content behind the designs. Some faculties try to focus on one particular approach, which is legitimate, but at the time I was studying there were multiple approaches and I grasped on to the one that most suited my ideologies’.

People are the most memorable part of Adriano’s current job, whether they are wealthy clients here in Sydney or a community in Nepal that need toilet blocks, the people are always the critical thing. ‘In ten years I would like to be doing major public works, community works with an emphasis on people, where he could be of major relevance to people in need of shelter or

“Sustainability is more than just environmental sustainability, you need social sustainability.”

P e r s o n a l I n f o r m a t i o n

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facilities or essential infrastructure such as schools, hospitals and assembly areas for community groups. I would like to stay in this line of work nationally as well as internationally and would like to keep my feet firmly in indigenous work’.

Adriano was recently awarded the Faculty of Architecture, Design and Planning 2008 Young Alumni Award for Achievement.

*The Ian Buchan Fell Housing Research Centre was established in the University of Sydney in 1966. It is funded by the estate of the late Ian Buchan Fell who graduated in Architecture at Sydney University in 1929 and died in 1961.

**A major research project of the IB Fell Housing Research Centre is CRASH – Sydney (Construction Industry Relief and Assistance for Sydney’s Homeless). It was launched by Andrew Cappie-Wood, convenor of the NSW Inter-government Task Force on Homelessness, on 8 October 2002. CRASH - Sydney seeks to engage the private sector property industry in supporting homeless persons with medium-term shelter in vacant buildings in Sydney city. The initial pilot projects will work with groups of 18-25 year old homeless persons without medical support needs, to incorporate, to take up no-cost property leaseholds and to undertake caretaker training, while fitting out their own spaces with assistance from architects and builders. The model was developed from a London precedent, CRASH (UK) and the Sydney Housing Action Collective’s recent occupation of vacant buildings in Broadway, Sydney. It has been directly assisted by the UTS Community Law and Legal Research Centre and ESTP (Empty Spaces, Temporary Places).

***Health Habitat is now linking into another one of Col James projects – a free caretaker class he is running out of the University of Sydney where anyone interested in living in one of the CRASH programmes, that is a formal squatting arrangement, they can learn the basic skills to upgrade the property, deal with the lease and keep it clean. Adriano will be tutoring for that course using some of the skills that Health habitat uses in the paddock to improve the health part of houses, he will be applying a lot of those processes for potential squatters.
Kirsty Beilharz
Japan 2007-8

Dr Kirsty Beilharz is a Senior Lecturer and Coordinator of the new Interaction Design and Electronic Arts (IDEA) postgraduate program. She is a composer as well as working in digital media and technology area, Design Lab, (formally Key Centre of Design Computing & Cognition) at the Faculty.

Kirsty views Japan as being naturally at the forefront for technological and digital media developments, and spent time there in 2007 and 2008. There is not enough space to convey all of the delights of this trip, but here she shares some highlights of both her research work and cultural experiences...

Matsumae International Foundation Science Research Fellowship in Tokyo

Each year, the Matsumae International Foundation offers around 20 fellowships worldwide enabling science research by International scholars visiting an established University in Japan.

Professor Hori at Tokyo University’s Artificial Intelligence Lab (RCAST - Research Centre for Advanced Science & Technology) was my host. I was investigating live A.I. and A-Life enhanced real time performance, generative music, physical computing and hyper-instruments as well as interactive sonification, a topic shared with one of the research students, Kazuhiro Jo-san. During my residency, I presented the work of the Design Computing and Cognition group’s work and my interaction and sonification research.

I stayed in a suburb neighbouring Tokyo University RCAST adjacent to the nocturnal, jostling yet alternative, neo-Bohemian suburb of Shimokitazawa, a modern urban development quandary that has attracted much student and governmental attention over recent years with plans to carve a multi-lane freeway and transport systems through the centre of affordable tumble-down student dwellings in micro-streets organically growing out of traditional inns, lane-ways and family-run single-purpose businesses.

I enjoyed the extended variety of museums and art galleries, cultural oases in the contemporary metropolis and seeing strange robotics like Honda’s step-climbing Azimo, Waseda University’s flute-playing humanoid, Osaka University’s crying and wriggling “baby” robot with a soft, flexible body, and the purely pragmatic iRobot autonomous semi-intelligent vacuum cleaner at Matsuya department store.

AsiaLink Performing Arts Residency

This grant was supported by the Australia Council for the Arts and the NSW Ministry of the Arts. Hosted by the International Shakuhachi Education Centre (Kokusai Shakuhachi Keshukan) in Chichibu, Japan, this residency enabled me to bring together the two areas of musical composition and computational methods of using digital media and to integrate elements of computing, performance and contemporary composition.
My hyper-instrument project is based on acoustic integration the bamboo end-blown Japanese flute, shakuhachi, in a live (real-time) interactive environment, hence Japan is the context to support the cultural enrichment of this project aim and pursue cultural collaboration and study of shakuhachi alongside developing compositional projects.

I completed the digital responsive Hyper-Shaku environment for real-time electronic performance, programmed in Max/MSP and using generative structures modelled on Neural Oscillator Networks, auditory looming (an evolution psychology phenomenon), pitch-tracking and breath (loudness and noisiness) of the shakuhachi performer.

This is part of an ongoing fascination with fabricating Artificial-Life inspired material, real-time colonies of virtual sonic organisms, generative procreation, computer-enhanced interaction, visualization and sonification of gesture by a music performer, spatial audio display – the architecture of sonic hybrid performance.

I have subsequently composed a piece fusing live shakuhachi and computer sonification of eco-data about anomalous climate changes due to global warming, using the Aesthetic Sonification Toolkit developed with Sam Ferguson [ARC Discovery Project research assistant and PhD student in the Faculty] as the basis for music generation.

I used this opportunity to collect audio and photographic media to support interactive multimedia performance and to develop the gestural interaction for live computation. The Smithsonian Museum (Washington D.C.) has sought permission to reproduce some of my photographic images in a feature.

Returning to Australia, the World Shakuhachi Festival held in July ’08 in Sydney allowed me to reciprocate some of the hospitality I experienced abroad and to organise a concert of Japanese music in the Blue Mountains by leading Japanese shakuhachi Masters.

**SCHOLARSHIP SUPPORT**

Every graduate knows the challenges facing students as they try to balance their time between study and earning enough income to survive while studying. There are a number of scholarships available to elite students across the University of Sydney, but very few specifically for Faculty of Architecture, Design & Planning students.

In 2009 the Faculty of Architecture, Design & Planning will be launching a campaign to create a number of scholarships for students entering our undergraduate and postgraduate programs. Categories may include:

- General outstanding academic achievement in the HSC
- Outstanding achievement in specific subjects related to our faculty (such as design and technology, industrial technology, computing technologies or similar) in the HSC
- Equity (for which students may need to be eligible for Austudy or similar framework)
- Undergraduate the performance (for instance in the B Des Arch proceeding to the M Arch)
- Other interests and abilities (such as leadership, musical or other fields)
- Regional NSW, international or other geographic criteria for which students face additional hardships
- Any other criteria you feel passionate about

For scholarships to work, a sufficient capital investment needs to be banked so that the funding of the scholarship can be run indefinitely. For example, a $5000 per year scholarship that is available for a 3-year course will require sufficient capital to deliver interest returns of $15,000 per year (assuming there are students in years 1, 2 and 3 concurrently receiving the scholarship), which would be about $250,000!

Scholarships are a key tool in both attracting exceptional students from all backgrounds and supporting them to achieve their full academic potential.

The Faculty of Architecture, Design & Planning will be seeking your support to contribute to these funds in 2009. In the interim, if you have any specific thoughts about scholarships we would love to hear from you. Please contact Julia Wilson on 9351 5906 or j.wilson@arch.usyd.edu.au
ADVERTISE YOUR WEBPAGE
email: j.wilson@arch.usyd.edu.au
In terms of the cost of heritage conservation, we face a dilemma. Increasing numbers of buildings are now considered worth preserving, including many from the twentieth century such as art deco cinemas and hotels. Federation era houses, until recently thought of as slums, are now highly prized. Nations can only afford to maintain a small number of buildings that do not generate enough income to substantially contribute to their maintenance costs. Therefore commercialisation of heritage environments by finding alternative and economically viable alternatives for buildings will continue to be important.

Heritage may be about the past, but this has not stopped it becoming a hot topic on the local political agenda. The recently announced change to the New South Wales Heritage Act by the State Government allows the Minister for Planning, Frank Sartor, to overturn recommendations from the Heritage Council. The Minister also now has the power to nominate members to the Council, removing it’s independence. This is precisely the opposite proposed by Gilmour who has argued for much greater public involvement and transparency in heritage conservation decisions.

Based on an award-winning dissertation as part of a Masters degree in Architectural History at the University of Sydney, the lively and thought provoking book *Sustaining Heritage: Giving the past a future* (Sydney University Press, 2007) provides a frank and sometimes disturbing picture of problems with heritage planning in Australia. The byzantine layering of voluntary and statutory listing provisions make heritage planning confusing. The fight to prevent demolition of the Maritime Services Building, which now houses the Museum of Contemporary Art (MCA) at Circular Quay, is an example where public outcry overturned the demolition decision of the then Lord Mayor of Sydney, Frank Sartor. Will our architecturally important buildings be preserved for the future if the State Minister of Planning has untrammelled powers?

Historical precincts such as The Rocks in Sydney are protected by our ‘new guardians of heritage’, organisations such as the Sydney Foreshore Authority, the MCA and the National Trust. These bodies are not lacking in good intentions and dedicated staff, but they suffer from a dangerous democratic deficit. Poor governance has led to inefficiencies, cronyism and the threat of capture by special interest groups. Change is happening around the world: UNESCO now consult people in local areas before applying World Heritage Status; Britain’s Heritage Lottery Fund has devolved power and involved television viewers in voting which old building to save. The involvement of local people and community groups is the best way to bring life back to heritage organisations, and the best way that we can give the past a future.
Sydney Open 2008

A new urban park and the latest in city office lifestyle, an archaeological discovery, old brought back to new, heritage secrets, ghost platforms, crypts, tunnels and towers — all this and more is on offer on Sunday 2 November for the Historic Houses Trust’s 7th Sydney Open.

Sydney Open 08 opens the doors to 50 significant sites and curiosities in and around the city, featuring contemporary architecture and design as well as beautiful heritage buildings and stunning work by our dwindling artisans.

The diverse program ranges from the latest vertical village, the recently completed Lumière apartments by Lord Norman Foster in collaboration with PTW Architects, to The Park Regis; Sydney’s first vertical village where in the mid 1960s people made the bold move into apartment living in the city.

Designers and architects will discuss their creations and architects’ studios will be opened to demystify the architectural process. To participate in Sydney Open visit the Historic Houses trust website at www.hht.net.au.

Study Master of Heritage with us...

If you are passionate about heritage, the graduate program in Heritage Conservation is for you. The Master of Heritage Conservation program’s primary aim is to develop skills in the assessment, interpretation, management, formulation of policy, and documentation of culturally significant places, including buildings, sites and cultural landscapes as well examining the issue of the good contemporary design of adaptations and alterations to places of cultural significance. Secondary aims include the promotion of social relevance and cultural continuity as cornerstones of conservation. The program emphasises the importance of management issues and a practical understanding of mechanisms of statutory authorities, both local and international, which affect conservation and development. It is broad based, to reflect the interdisciplinary nature of conservation practice.

A graduate internship provides a link between the academic core of the program and the discipline and methods of practice.

Admission Requirements: Masters and Graduate Diploma applicants should hold a bachelors degree. Graduate Certificate applicants should hold a bachelors degree or possess experience which is considered to demonstrate the knowledge and aptitude required to undertake the course. For more information contact Jonathan Hulme 9351 2686.
Professor Ed Blakely, world renowned academic from the Faculty of Architecture, Design and Planning, The University of Sydney, is leading a research team to investigate Australian Sea Change phenomenon – the population flocking away from metropolitan areas to coastal communities. The purpose of the research is to address the challenges for the Sea Change communities, population growth, sensitive environmental issues and local economies that tend to be narrowly based on industry sectors such as tourism, extraction and rural production.

Titled “Finding New Economic Drivers for Sea Change (Coastal) and Similar Rapidly Growing Communities”, this cutting edge project is funded by the Australian Research Council and is the first of its kind in Australia to investigate the Sea Change implications on local economic development.

This project has won wide community recognition and support, with 15 coastal Local Government Areas (LGAs) becoming project partners. The 15 LGAs are from regions in all states that have experienced a strong Sea Change phenomenon and several regional institutions have become project stakeholders for contribution and intellectual collaboration.

The uniqueness of this project is its assessment and modelling tools to enable coastal communities to optimise both economic development options and coastal environmental quality. With them, the communities are able to gain an accurate and comprehensive understanding of the economic drivers of their local economies; examine existing economic policies and practices to identify potential new options; assess capacity to pursue new economic development strategies based on new human capital and other resources; and produce LGA-specific proposals on local economic planning and development, community strategy and policy based on the economic tools that are developed and the new economic drivers which are identified.

This project is a good example of linking the academics with the community. The researchers collect data through both institutional sources like ABS and experiencing the real world by visiting case study areas, meeting with council staff and talking with local residents. Commencing from September 2007, the 2-year project has generated some interesting findings. Professor Blakely has since spoken widely on the issues which have stimulated meaningful debates among the community, government and academics.
Bookings and enquiries

For advertising enquiries contact:
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archetype is published periodically on behalf of the Architecture Alumni Association and the Faculty of Architecture, Design & Planning.

Julia Wilson Editor     Carmen Lau Designer

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DO YOU KNOW WHERE THESE ALUMNI ARE?
We have lost contact with some of our alumni, and are asking you for your help. We value our alumni and are keen to be in contact with as many as possible but we do not have contact details for the people on this list.

Could you check the list, and either: contact the alumni and ask them to update their own details at www.usyd.edu.au/alumni; or send their details to alumni@arch.usyd.edu.au and we will contact them to verify their details. We are very grateful for your assistance.

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For further information about how these CPD opportunities can lead to a degree at the University of Sydney please contact Mr Jonathan Hulme on

Phone: 02 9351 2686    E-mail: j.hulme@arch.usyd.edu.au

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News (Please attach additional paper for longer news) __________________________________________

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