



Built Environment Research News

Never Stand Still

Built Environment

Research

Issue 14 – June 2015

From the Associate Dean Research

A series of forums are currently underway on campus as part of UNSW's development of a new strategic plan for 2015-2025 and the questions and options arising under its three main directions of academic excellence, social engagement and global impact.

On Friday afternoon 29 May 2015 the Deputy Vice Chancellor (Research) Professor Les Field convened a forum in the Science Theatre to discuss the major research content of the current UNSW Green Paper, namely the first objective to "Enhance our excellence in research" under the first strategic priority, academic excellence.

Held in the Science Theatre, the two hour session attracted about 60 people with a live feed to UNSW Canberra.

The discussion was built around the key questions posed in the Green Paper informing thinking about future research, namely criteria for targeting research investment priority areas, securing excellence in research performance generally and outputs specifically, attracting and retaining quality staff, organising career tracks for researchers, gaps in ensuring a world class research infrastructure, diversifying and maximising external research income, and facilitating collaboration.

Responses to each of these issues already received via on-line feedback was summarised in turn before opening up to comments and questions from those in attendance. Diverse opinions were aired.

For Built Environment, the drift of the discussion picked up on various issues that have been canvassed informally and discussed in forums such as the Faculty Research Committee which meets bimonthly.

Several points made forcefully do connect with some of our concerns, including:

- broad support for continued special purpose funding
- the importance of managing the divide between the scientific/technological (STEM) and humanities/social science (HASS) disciplines
- rewarding research excellence
- greater efforts needed towards a process of university-wide mentoring
- need to plug gaps to create and manage better research infrastructure
- better development and management of town-gown research funding linkages
- taking opportunities to create more strategic joint appointments with other institutions.

There were no formal agreed outcomes or recommendations with the feedback being channelled into the preparation of the White Paper which will need to be closely read when it appears in July.

Rob Freestone
Associate Dean Research

Research Highlights

New Special Project Development Grants Scheme Announced

A new program has been introduced in the faculty to support major research project initiatives which will benefit from a strategic faculty contribution. The intention of the scheme is to provide timely and strategic assistance for significant and original projects that might not otherwise be supported through the faculty's existing research support programs. The application protocols and objectives largely follow that of the existing FRG/ECR schemes, however the support under this scheme is not intended to be an open scheme for the development of external research grants.

There is no closing date for this scheme - applications are considered throughout the year, however any funding awarded will need to be spent in the current financial year.

For more information, including the guidelines and application form, see the [faculty intranet pages](#).

Canterbury Earthquake Memorial Finalists



BE researchers Russell Rodrigo and Katrina Simon have been involved in a team selected as one of finalists in the Canterbury Earthquake Memorial design competition run by the Canterbury Earthquake Reconstruction Authority for a memorial in the city of Christchurch, New Zealand. The design competition called for a memorial to commemorate the 185 people who lost their lives in the devastating earthquake of February 2011, as well as those who were severely injured. The memorial was also to recall the huge impact that the series of earthquakes have had on the city and all of its inhabitants, and to acknowledge the role played by thousands of people who helped in the immediate crisis and in ongoing recovery of the city. The earthquakes began with a major earthquake in September 2010, which was followed by over 13,000 aftershocks over an 18 month period. Approximately 80% of the city's CBD and thousands of homes have been demolished. Repair work is ongoing to many thousand more homes, and to major urban infrastructure. The memorial is intended as part of the ongoing recovery of the physical and social fabric of the city. [More...](#)

Nearmap Database Trial



The library is trialling a new database resource, Nearmap. Nearmap's database consists of high quality PhotoMaps over Australian cities and towns that are updated monthly. Changes over time can be seen using TimeView on the map page and locations can be seen from the side using the MultiView button on the map page when zooming in to

building level detail.

Access is currently available: [Nearmap](#)

Please note: During this trial access to this product may not be available to off campus users.

The library welcomes your [comments and feedback](#) on this resource, which will help determine its ongoing availability.

Annual SAHANZ Conference Comes to UNSW

The Faculty of Built Environment is hosting the annual conference of the Society of Architectural Historians, Australia and New Zealand (SAHANZ) from 7-10 July this year. The theme of the conference is 'Architecture, Institutions and Change'. All faculty staff members and postgraduate research students are warmly invited to attend. Registrations are now open and a link to the online registration portal can be found within the [conference website](#). (A day rate is available).

Early bird registration runs until 11 June and full rates will apply from 12 June onwards.

The conference website also contains an outline of the conference theme, the general conference program including tours, and information about the two keynote speakers. Further program details will be released in June.

The conference is being organised by members of the Faculty's Urban Typologies Research Cluster along with colleagues from the University of Sydney.

Please feel free to contact either [Dr Paul Hogben](#) or [Dr Judith O'Callaghan](#) if you would like further information.

Nominations Now Open for ARC College of Experts

The ARC is now accepting nominations for the College of Experts in 2016. To support the advancement of knowledge and contribute to national innovation, the ARC engages an ARC College of Experts to play a key role in identifying research excellence, moderating external assessments and recommending fundable proposals. It also assists the ARC in recruiting and assigning assessors and in implementing peer review reforms in established and emerging disciplines as well as interdisciplinary areas.

Its members are experts of international standing drawn from the Australian research community: from higher education, industry and public sector research organisations.

Members of the ARC College of Experts assess and rank ARC grant applications submitted under the [National Competitive Grants Program](#), make funding recommendations to the ARC and provide strategic advice to the ARC on emerging disciplines and cross-disciplinary developments.

If you wish to nominate for the ARC College of Experts should contact Ms Nalisa Mam, Executive Assistant, PVC Research (nalisa.mam@unsw.edu.au) as soon as possible and be prepared to submit a complete draft nomination by **Monday 15 June 2015**.

[More information.](#)

Meet the Researchers – Catherine Bridge



Dr Catherine Bridge is the Director of the Enabling Built Environments Program and an Associate Professor within the discipline of Architecture. She works with government and industry both nationally and internationally to create transformative designs to benefit the disadvantaged. Her work contributes directly to improved public policy and has been cited by the Productivity Commission.

Since joining the Faculty in 2008, Catherine has undertaken dozens of projects with government, not-for-profit, and industry groups for the betterment of society through architecture and built environment interventions. Since 2014 she has also taken on the role of research quality leader for community engagement within the Program Leadership Group for the Collaborative Centre for Low Carbon Living. In this role, she has responsibility for research reporting and liaison between the CRC-LCL and the Faculty as well as having leadership responsibilities within the Centre.

Her passion for architectural and built environment outcomes to achieve a social purpose drives her research, service and teaching contributions. Her research focuses on creating and sustaining inclusive communities that promote wellness, prevent disease and reduce environmental harm. This work spans a number of built environment domains and ranges from big housing demand and supply questions down to temperature valve and egress solutions. She asks questions like: what works for people and under what environmental contexts, what are the economic and quality of life implications for society and individuals of our design decisions, and how best can we deal with diversity in an inclusive and welcoming way.

Catherine has won over \$5 million in research funding (including from the Australian Research Council). The Home Modification Information Clearinghouse, which she established in 2002, has over 120,000 users from 190 countries. Her publications are available through this link: <https://research.unsw.edu.au/people/associate-professor-catherine-elizabeth-bridge/publications>.

Catherine regularly reviews for International and national design competitions; peer-reviewed design, urban, landscape and gerontology journals; and for the Australian Research Council and the National Health and Medical Research Council. She is an alumnus of UNSW's Academic Women in Leadership program and has a PhD in Architecture from the University of Sydney.

She has strong leadership and management expertise and excels in working collaboratively across disciplines, faculties and countries to make progress. In 2014 she received a Built Environment Faculty Staff Excellence Award for outstanding Research and also a Best Research Paper Award from the International Association for Universal Design.

New External Grants

Congratulations to the following faculty members who have recently been awarded research grants:

Hoon Han

Academy of Korean Studies/Korean Studies Grant: \$18,000

Intersectionality of Migration and Ageing: Impacts of migration on quality of life of older Koreans.

News from the Centres

CITY FUTURES RESEARCH CENTRE

AURIN Urban Health Data Project Up and Running



Intersect has commenced work on a project to develop connectivity between AURIN, NECTAR and RDSI e-infrastructure with a focus on health data. Health data is of great interest to the urban research policy and decision-making community. This project will bring medical research data as well as health data available from the [National Health Services Directory](#) into the AURIN [Workbench](#).

The project will draw upon the recently funded Australian National Medical Research Data Storage Facility and will look at the potential for making a subset of this data available via the AURIN Workbench through connecting it to the AURIN geo-classification hierarchy. This will be managed by Intersect in association with UNSW City Futures Research Centre and will utilise NECTAR and RDSI infrastructure developed and maintained by Intersect.

It is expected the project will be deployed in late July making data available to urban researchers, policy and decision-makers via the AURIN online Workbench.

CRC LOW CARBON LIVING

1. The Hon Ian Macfarlane MP, Minister for Industry and Science, has released the findings of the recent expert review into the delivery of the nationwide CRC program. The review, conducted by prominent lawyer and innovation expert Mr David Miles AM, developed 18 recommendations which the Government has approved and will now implement.

Amongst those recommendations is the establishment of a new stream, CRC Projects (or CRC-Ps), for short-term (3 year max) industry-led research designed to benefit small and medium enterprises in particular.

[Full media release](#)

[CRC Program Review](#)

2. The CRCLCL will be holding a two day Researcher Workshop 15th and 16th June 2015 in Colombo House, UNSW, Kensington, NSW. For a program or more information, contact [Tom Cole](#) at the CRCLCL.

HDR News

Events

1. The next monthly cohort workshop for 2015 is scheduled for Wednesday 3 June at 11am in the AGSM room (2001). The DPGR will be attending and all HDR students are encouraged to come along to contribute their ideas and opinions.

2. Social Night Out: Friday 3rd July – STRIKE BOWLING

The cohort will get together on the evening of Friday 3rd July for some good old fashioned fun. A game of bowling plus Karaoke and Pool are on the agenda. The event will begin at 6:30 and conclude at midnight.

Upcoming BE Events

BE Research Seminar

Virtual Uprising: Tahrir Square social media and the return of public space

*Prof Nezar AlSayyad, Professor of Architecture & Planning,
University of California, Berkeley*

Wednesday 24 June 2015; 12.00pm, Pioneer International Theatre, AGSM Building

Tahrir Square became a household name around the globe during the events of the so called “Arab Spring” in 2011. Architecturally speaking, the events of that year signalled the return of public space to the arena of politics. This talk looks at the spaces of this Arab uprising and focuses on the relationship between their virtual and physical spaces. It is mainly concerned with the spatial and temporal dimensions of these urban revolts with a particular attention to the interwoven relationship between the social media that organizes the political gatherings; the practices of protest in urban spaces; and the global and national media coverage of these events.

[More information and to register.](#)

Utzon Lecture

Inaugural Donald K Turner Address: Sedimentary City

Emeritus Professor Brit Andersen, University of Queensland

Wednesday 24 June 2015; 6.30pm, Law Theatre G04

[More information and to RSVP.](#)

Other Events

Early Career Academic Network (ECAN) Seminar: What is Outreach and How can you use it to Enhance Your Career?

Thursday 4 June 2015; 4.00pm – 5.00pm

Come along to the UNSW Postdoctoral Academy Seminar organised by the Early Career Academic Network to hear A/Prof Chris Tisdell share his insights. Dr Chris Tisdell is an Associate Dean of the Faculty of Science at UNSW, a mathematician with a popular YouTube channel and a former DJ. Join us for an exciting session!

[More information and to register.](#)

Women in Research Network (WiRN): If Mentoring is the Answer, What’s the Question?

Thursday 11 June 2015; 12.00pm – 2.00pm, Law101

Join us to be updated on the recent WiRN planning survey and proposed next steps and to spend time exploring the nature and value of mentoring from the perspective of a mentor - PVCRT Laura Poole-Warren, a mentee, the research and your own insights. There will also be a chance for 10

event attendees to secure a funded place at the upcoming Universities Australia Women (UAEW) Mentoring at the Crossroads 26th June workshop in Sydney.

[More information and to join the network.](#)

Research Training – Upcoming UNSW Events

Building Your Research Profile – Starting a Conversation about Your Research with Impact

Tuesday 2 June 2015; 10.00am – 1.00pm

Ever wondered how to explain who you are, what you do and why your research is so important and is worth supporting? What will keep your audience interested? If so, this workshop is for you.

[More information and registration link.](#)

Building Your Research Profile – Using Social Media to Promote Your Research

Wednesday 3 June 2015; 10.00am – 1.00pm

Ever wondered how to explain who you are, what you do and why your research is so important and is worth supporting? What will keep your audience interested? If so, this workshop is for you.

[More information and registration link.](#)

ARC Discovery 2016 Rejoinders Information Session

Thursday 4 June 2015; 12.00pm – 2.00pm

This session is targeted at ARC Discovery 2016 applicants to assist in preparation of your rejoinder (response to assessors) which is expected soon.

[More information and registration link.](#)

Managing your Grant Budget: Utilising the Grants Management Office and Finance Tools

Wednesday 10 June 2015; 10.00am – 1.00pm

The aim of this workshop is for researchers to recognise their responsibilities and liabilities in managing funding money for the life of the project, including the project closeout.

[More information and registration link.](#)

Cleaning & Exploring Your Data with Open Refine

Wednesday 8 July 2015; 10.00am – 12.30pm

A repeat course by Intersect. Open Refine is a powerful free tool for exploring, normalising and cleaning up datasets. In this tutorial we'll work through the various features of Refine, including importing data, faceting, clustering, and calling into remote APIs, by working on a fictional but plausible humanities research project.

[More information and registration link.](#)

Data Visualisation with Google Fusion Tables

Wednesday 8 July 2015; 2.00pm – 4.00pm

A repeat course by Intersect. This two hour workshop introduces Google Fusion Tables and uses a practical example whereby participants create a "heat map" of NSW highlighting crime hotspots by drawing together geospatial data containing Local Government Area (LGA) boundaries together with NSW Crime statistics to illustrate the power of Fusion Tables.

[More information and registration link.](#)

Introduction to Unix for HPC (HPC for Wimps)

Monday 6 July 10.00am to Tuesday 7 July 4.00pm

A repeat course by Intersect. High Performance Computing is a very powerful tool to use when facing computationally intensive tasks. If you are waiting hours or days for your computer to crunch through your data, this course is for you! It will enable you to use the HPC facilities available to the university through its support agencies such as Intersect and NCI. If you're using one or more of a very broad range of applications currently supported, this should allow you to use the application you are familiar with to process your data much more quickly.

[More information and registration link.](#)

Excel Fu

Friday 10 July 2015; 9.30am – 5.00pm

“Excel Fu” workshop runs over one day and comprises of a series of hands-on exercises and slide-based background material. Attendees will leave with two key skills – how to handle their research data within Excel, and how to use advanced features of Excel to answer research questions pertaining to their data.

[More information and registration link.](#)

Publications

The following 2015 research activities have been entered into [ROS](#) since the release of the last newsletter.

Books

Lang, J., & Marshall, N. G. (2015). *Urban Squares as Places, Links and Displays* (first ed.). New York: Routledge Publishing.

Kamardeen, I. (2015). *Fall Prevention through Design in Construction: The Benefits of Mobile Computing*. UK: Routledge. Retrieved from <http://www.sponpress.com/books/details/9781138779150/>

Conference Presentation

Bridge, C., & Adams, T. (2015, May 21). Design Requirements of Carers of Young People with Disability. In *Let's revolutionise caring: inclusion, innovation, diversity, Carers NSW 2015 Biennial Conference*.

Liu, E. Y., Easthope, H., Judd, B., & Burnley, I. (2015, February 17). “I'm never alone and lonely”: Multigenerational living in Brisbane, QLD. In *Australasian Housing Researchers' Conference*. Hobart.

Creative Work (non-textual)

Simon, K., Rodrigo, R., & Irwin Faulks, K. (2015). *Call and Response: A Sonic Field of Memory Stage Two, Canterbury Earthquake Memorial Competition Shortlisted Entry*. Christchurch Botanic Gardens, Christchurch, New Zealand. Retrieved from <https://ccdu.govt.nz/ideas-to-remember>

Journal Articles

Easthope, H., Liu, E., Judd, B., & Burnley, I. (2015). Feeling at Home in a Multigenerational Household: The Importance of Control. *Housing, Theory and Society*, 32(2), 151-170. doi:[10.1080/14036096.2015.1031275](https://doi.org/10.1080/14036096.2015.1031275)

Did You Know....?

.... the university provides a single web portal for you to publicly promote all your research activities?

The [Research Gateway](#) provides a single source for all aspects of research at UNSW. Key information about you is sourced from UNSW data systems: HR, InfoEd and ROS. These pre-populate the Gateway via direct data feeds enabling basic data to be uploaded while also providing you with the opportunity to add information, images, links and social media to your profiles.

Use the Update My Profile link below to go into your profile, update and publish it. If your profile is not currently showing in the Research Gateway then ensure you untick the "hide this profile" checkbox on the "edit" page.

[Update My Profile](#)

Current Funding/Research Opportunities

Faculty Internal Grants Now Open

Applications for a second round of internal research support programs are now welcome. Budgetary allocations under the earlier rounds this year were not completely exhausted, providing another opportunity for fresh applications. There are three schemes open:

Visiting International Scholars

This program aims to support short term stays in the Faculty by distinguished overseas scholars with the aim of encouraging research collaborations and production of research outputs

Closing date: 24 July 2015 [More information](#)

Symposia/Exhibition Support

Research symposia include workshops, conferences, and colloquia involving critical discourse around a single topic. Exhibitions can be both traditional physical and digital displays of creative work, with the intent of showcasing faculty research efforts ideally through a formal curated process

Closing date: 24 July 2015 [More information](#)

Book Publication Subsidy

This program is intended to provide financial support which makes possible the publication of scholarly monographs authored by BE staff by quality commercial publishers (HERDC-eligible books).

Closing date: 24 July 2015 [More information](#)

Data to Decisions CRC – The Apostle Program

The CRC is seeking a cross disciplinary approach for following programs, including data science, data analytics, computer science, maths and social science. The Apostle Program- seeks to

research, develop, integrate and evaluate technology solutions so that analysts can search and interrogate open source multimedia data (text, image, video) to quickly identify all relevant data and have it presented to the analyst in an easily understandable manner. |

Closing date: **9 June 2015**

[More information](#)

Australia-Germany Joint Research Cooperation Scheme

The DAAD scheme funds the exchange of academics (travel and accommodation expenses) between Australia and Germany to work on joint research projects. A particular focus of the scheme is the involvement and development of early career researchers.

Applications for DAAD funding commencing in 2016 open on 9 April and close on **29 June 2015**. A detailed application pack is available on the [Australia-Germany Joint Research Cooperation Scheme webpage](#).

Vice-Chancellor's Postdoctoral Fellowships

Vice-Chancellor's Postdoctoral Research Fellowships are awarded to early career researchers of exceptional calibre wishing to conduct full-time research at UNSW in any of its [areas of research strengths](#).

Applicants must be either external to UNSW or have commenced employment at UNSW since 1 January 2015.

Closing date: **3 July 2015**

[More information](#)

Australian Renewable Energy Agency (ARENA): Industry-researcher Collaboration Program

Round 2 of the ARENA R&D Program promotes industry and research partnerships that seek to develop and commercialise renewable energy technologies, and to provide a broader range of energy options to reduce future energy costs.

Expressions of Interest are now invited in one of the following four focus areas:

- Balance of System (BoS) cost reduction (either on-grid or off-grid)
- Integration of high penetration of renewables into networks (either on-grid, off-grid or mini-grids)
- Integration of renewable energy for industrial process (excluding electricity generation)
- Integration of renewable energy into buildings or building materials.

EOI Closing date: **3 July 2015**

[More information](#)

Cité Residency, Paris – 2016

Applications are now open for academics and postgraduate research students in design and the visual and performing arts for the Cité Residency. An information forum is being held on 11 June from 1.00pm – 2.00pm in the Elwyn Lynn Conference Centre on the Art & Design Campus.

Closing date: **24 July 2015**

[More information](#)

Related Links

[BE Research Resources](#)

[UNSW Research](#)