



Welcome

Welcome to the August edition of the CHAA Newsletter. This month we welcome new staff, celebrate a successful ARC Grant and Centre Review, and provide an update on the AusHFG program.

As always, this Newsletter aims to disseminate useful sources of information to our CHAA.Net members in Australia and New Zealand and update our sponsors and key stakeholders regarding key CHAA research, events, and achievements.



CHAA News

→ Welcome new staff

We would like to extend a warm welcome to Dr Catherine Bridge and her team of six researchers who will be joining CHAA later this month.

Dr Bridge's research combines health, built environment, disability & computing to create a more inclusive environment for all. She is the Director of the Home Modification Information Clearinghouse (HMinfo), an on-line research project that develops & disseminates home maintenance & modification knowledge in order to improve outcomes in direct service provision, as well as improving outcomes for the general community through capacity building activities. For more information, visit:

www.homemods.info/



Dr Bridge will be working with CHAA on extending its research agenda into the area of the care of the elderly in settings such as hospitals and other institutions, the community and the home.

→ ARC Grant Success

We celebrate the success of CHAA and affiliates in securing an ARC Linkage Grant *Assessing the adaptive capacity of hospital facilities to cope with climate-related extreme weather events: A risk management approach*.

This grant will run from 2008-2011 and will be a major stimulus to the broadening of CHAA's research agenda. The grant demonstrates the benefits of multi-disciplinary teams containing a mix of high profile and emerging researchers.

→ Centre Review Outline

CHAA underwent a review in June (an internal UNSW process) which will provide invaluable feedback to key stakeholders about the Centre's management and performance.

The panel was impressed with CHAA's performance over the three years since its establishment and the outcomes of the review have provided clear insights into CHAA's

success in achieving its current strategic and research goals.

"CHAA's management has been excellent, both at day-to-day and strategic levels, including portfolio development and reputation/relationship building."

The panel congratulates the Centre's management, staff and the Governing Board on their roles to date and on their significant contribution to the University and broader community.

→ Health Architects Database

Following on from the lead shown by the QLD Chapter of the RAIA, other states will be putting a similar call for architects to register their interest in the Health Architects Database (maintained by CHAA).

The Health Architects Database will enable practitioners to be kept up to date with Australasian Health Facility Guidelines (AusHFG) developments and other initiatives of interest undertaken by CHAA and other relevant bodies.

[Click here](#) for the CHAA.Net registration page. If you have already registered but your contact details have changed, please [email CHAA](#) to update your details.



useful links

Click [here](#) to check out the CHAA website Links & References page for a reading and reference list of resources on health and relevant facility guidelines and standards based on our research.



BIM presentation

At the May HCAMC in Sydney, John Mitchell spoke to the gathered health capital managers on the latest developments in Building Information Models (BIM) and their application to health capital projects.

BIM offers the opportunity for true integration of design and construction documentation with the added benefit of producing models that can be used for ongoing facility management purposes.

Rice Daubney Architects are pioneering the use of this for health projects in the Australian context and some examples of their work and the presentation made by John Mitchell are available from the [CHAA website - Other Events page](#).



australasian health facility guidelines

→ HPU Specific Workshops

In 2008, CHAA will continue developing new sections of the Australasian Health Facility Guidelines (AusHFG) and the review of previously released components.

Sections to be reviewed include key areas such as Mental Health, Operating Unit, Inpatient and Medical Imaging Health Planning Units (HPU). To launch the review process for each of these sections, various HCAMC jurisdictions will host a workshop/seminar to share research and to receive feedback from clinicians, managers and designers regarding latest trends in clinical practice, technologies and design that should be considered in updating the Guidelines.

Outcomes from the first workshop held 21 April in Adelaide have been incorporated into the review of Operating Unit.

The workshop on Inpatient Unit Design is scheduled for 4 August, Keidanren Auditorium, Royal Children's Hospital Education Centre, Brisbane, QLD. Contact Jennifer Hands, QLD Health, (07) 3131 6551 jennifer_hands@health.qld.gov.au

→ 2008 Program of Work

The development and review process for the Health Planning Units program will include:

NEW HPUs

- Nuclear Medicine Unit
- PET Unit
- Ambulance Unit

- Cardiac Services Unit - Coronary Care/Cardiac Inpatient
- Cardiac Services Unit - Cardiac Investigation
- Mental Health Unit for Older People
- Non-Acute Mental Health Unit
- Front of House (combined Main Entry, Public Amenities & Pastoral Care Units)
- Admission Unit
- Rehabilitation
- Acute Aged Care Unit

REVISED HPUs

- Adult Acute Mental Health Unit
- Operating Unit
- Inpatient Unit
- Medical Imaging Unit
- Child & Adolescent Mental Health Unit
- Multipurpose Services Unit

www.healthfacilityguidelines.com.au





Waitakere Hospital foyer, NZ ▲



Waitakere Hospital, rear of ward accommodation ▲



Site visit, Waitakere Hospital - NZ Project Directors ▲

chaa news

→ Staff achievements

Jane Carthy attended the New Zealand Project Directors' Forum in Auckland, NZ on 21 May. At this Forum, John Mitchell from FBE, UNSW, gave a presentation on Building Information Modelling and demonstrated a cutting edge approach to the use of this on health and other architectural projects using the work of Rice Daubney Architects as an exemplar.

Jane Carthy updated the Project Directors regarding the work of CHAA including the latest AusHFG developments and forthcoming review processes.

Other issues discussed included the launching of the NZ Green Building Tool for Healthcare Development Process and the use of Post Occupancy Evaluation on the Auckland Hospital Project by Klein Architects. The visit finished with a visit to the recently refurbished Waitakere Hospital which has many environmentally friendly systems embedded and is taking the initiative in

showcasing how these may be readily implemented on health projects in NZ.

The 2nd Annual Disaster Management & Continuums of Care for the Health Sector Conference was held in Wellington, NZ, 23-24 June.

Jane Carthy made an invited presentation titled *International Study Case: Assessing the adaptive capacity of hospital facilities to cope with climate-related extreme weather events: A risk management approach*.

Dr Keiko Hirota's paper *Post Occupancy Assessment for Indoor Air Quality* was accepted for presentation by the 11th International Conference on Indoor Air Quality and Climate, Copenhagen, Denmark, 17-22 August. Keiko is also invited to present her Indoor Air Quality study at the W77 Indoor Climate CIB meeting 18 August.

Keiko co-presented the paper *An Architecture Education Program "Timber Building Pathology"* at the 10th World Conference on Timber Engineering, Miyazaki, Japan, 2-5 June. Her paper discusses

methodology on how to assess an existing building in order to recycle aged buildings for sustainable development.

Access presentations by visiting our [published works webpage](#).

→ Staff out and about

In July/August, Jane Carthy will be travelling to Rome to attend the 20th International Association People-environment Studies (IAPS) 2008 Urban Diversities, Biosphere and Well-being: Designing and Managing our Common Environment Conference. Jane will be presenting an Invited Symposium with Prof Frank Becker of Cornell University & Prof Johanna Westbrook of USyd on the topic of *Design for Health: Improving Care Quality* which will comprise three papers titled:

1. The Ecology of the Nursing Unit: Design, Communication, Stress and Performance
2. Patterns of work and communication on hospital wards and the influence of information and communication technologies

3. Building evidence into the architecture: using Health Facility Guidelines to promote better quality of care through improved design.

In late August, Jane Carthy will be attending the 24th Annual Association of Researchers in Construction Management (ARCOM) 2008 Conference with Prof Martin Loosemore and Dr Venny Chandra in Cardiff, Wales to present a paper on the CHAA Climate Change project *Assessing the adaptive capacity of hospital facilities to cope with climate-related extreme weather events: A risk management approach*.

Jane will then travel to the US to meet with Prof Frank Becker at Cornell University and his colleagues to discuss potential future student exchange options and joint research collaborations.



→ bookmark of the month

The International Academy for Design and Health (IADH) - Design & Health - is a non-profit organization with an inter-disciplinary network dedicated to stimulate research and the application of research concerning the interaction between Design, Health and Culture www.designandhealth.com

The IADH has introduced a new journal, *World Health Design*. The primary goal of the Academy's international journal is to be the leading authority on issues of research, professional and business practice relating to the field of design and health, by providing a forum that stimulates debate and promotes the values, wisdom and knowledge of the academy's network to business, government and other public organisations.

For further information, visit:

<http://www.designandhealth.com/sidor/internationaljournal.htm>

→ events calendar

HCAMC Workshops to be held (but that are still in the planning stage) include:

- Inpatient Unit – QLD – August 2008
- Medical Imaging – WA – TBC 2008
- Mental Health – ACT – November 2008

For further information please visit the CHAA website or contact CHAA on CHAA.Admin@unsw.edu.au

→ the last word

Our thanks for the ongoing support of all our sponsors from the Health Capital Asset Managers' Consortium (HCAMC) jurisdictions and UNSW sponsors, especially those in the Faculty of the Built Environment (FBE).

Please circulate the newsletter amongst your colleagues, consultants, contractors, etc and encourage them to go to our website at www.chaa.net.au to register for CHAA.Net free membership.

We welcome your feedback and please let us know of any areas of particular interest that we can address in future newsletters. [Click here](#) to email your comments, links for useful resources, news items etc.

Regards,

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