



Christmas Wishes

It seems like only yesterday we welcomed you all to a New Year - now we're farewelling it!

2007 has been a great year, with the CHAA team seeing off some old faces and then welcoming Patrick Chu back to the fold.

We wish you all the very best over this busy festive season and hope that you manage, like us, to have at least a short break to refresh before 2008 arrives.



Welcome

Welcome to the final CHAA Newsletter for 2007. It has been a busy and rewarding year, with one of our primary achievements being the renewal of our Centre funding for a further three years.

A lengthy process, we are now in the final throes of renewal and have exciting work plans in place for 2008 and beyond.

The Australasian Health Facility Guidelines (AusHFGs) have been endorsed by HCAMC for acceptance as a body of works for industry use by all jurisdictions in Australasia and New Zealand commencing November 2007.

A huge thankyou to the CHAA Guidelines team and to all of the reviewers and jurisdiction representatives who gave of their time and knowledge to make this enormous achievement possible.

CHAA now enters the phase of reviewing and updating the guidelines to ensure currency of knowledge is maintained, that the guidelines represent best practice and align with state and other relevant policies. This evergreening is expected to be ongoing for the life of the Guidelines.

The NSW Health Seminar series for 2007 were again a success, with our final edition postponed to early 2008 - keep an eye on the CHAA website for updates as they come to hand in the New Year

→ Want to have your say?

Reviewers are sought for input to the Nuclear Medicine / PET HPU - a draft of which will be issued in coming weeks.

If you have experience in this field and would like to offer your insight, please let us know by emailing chaa.admin@unsw.edu.au

The **TS11 Guideline** is also nearing

completion - it is anticipated that this document will be released for review early in the new year. If you would like to participate in this process, please let us know by emailing chaa.admin@unsw.edu.au

→ What's in store?

Early 2008 will see the issue of several HPUs and Guidelines including Cardiac Services Unit (new), whilst Operating Unit, Inpatient Unit and Medical Imaging Unit will all be revised.

Coming soon - forum events will be held across Australia in order to replicate the success of the NZ Mental Health Forum held in Auckland in late October this year.

These workshops will provide opportunities to share information about latest trends and emerging issues in industry, which in turn will inform the ongoing Guideline revision process. A schedule of these events will be available on the [CHAA website](#) early in the new year.





Stop Press

→ Australasian Health Facility Guidelines

Revisions of both Part C and Part D of the Guidelines have been issued to all jurisdictions for comment and review - these changes will be published to the website in due course.

Six new HPUs have been fully reviewed for publication on the Australasian HFGs website subject to final endorsement by NSW Health.

These HPUs are:

- Sterile Services Unit
- Oral Health Unit
- Day Procedure / Surgery Unit
- Multipurpose Services Unit
- Pathology Unit
- Hospital Morgue / Autopsy Unit

→ CHAA staff presentations

CHAA staff have been active in their engagements with our stakeholders and industry this year - all presentations can be found on the CHAA website: www.chaa.net.au



News

→ Dutch and Finnish architects win international architectural competition

Utrecht, 25 September 2007

Dutch architect Carel Weeber and the Finnish architectural firm Harris-Kjisik have won the international architectural competition Healthcare 2025, respectively with 'Big Bang' en 'Fair care – care fair'.

The competition was organized by the Netherlands Board for Healthcare Institutions (NBHI) to invite architects and students of architecture to develop and sketch ideas for new healthcare arrangements in 2025, to be built in a new city of 160,000 inhabitants that is to arise on (imaginary) new land in the Dutch inland sea IJsselmeer. According to the jury these two prize winners succeeded best in translating their ideas into an attractive architectural design for the healthcare facilities.

'Big Bang' is based on the assumption that, as a result of the free market system, the (big) hospitals as we know them now have 'exploded' into a sprawl of individual clinics and healthcare facilities, with the family doctor as 'gatekeeper'. Thus the new city, entirely developed by

private parties, has adopted the shape of a mill with the facilities spread over the wings. The buildings are relatively small and easy to adapt if necessary.

Inspired by facilities in ancient Greece for the sick and the elderly, 'Fair care – care fair' provides for so-called asclepians (activity centers): a main asclepion in the centre with a central hospital for acute care and elderly care homes, and six mini-asclepians – district centers in which the health care services are combined with cultural, leisure and fitness activities. A beach-asclepion with a community care hospital for rehabilitation is also part of the new city Elysiadam.

Besides these two prize winners the jury has awarded honourable mentions to two entries: 'zorgeNLoos living' and 'Care-4U' (main designers resp. Victor de Leeuw and Johan van der Zwart). These designs too are based on decentralized, easily accessible healthcare tailored to the needs of the population.

On behalf of the jury former chief government architect Wytze Patijn proclaimed the winners during the NBHI jubilee congress 'Building the future' held today in Utrecht, Netherlands.

→ HCAMC update

Some new faces have joined the HCAMC: as of the most recent gathering, the Northern Territory has begun to participate in jurisdiction proceedings. We look forward to developing a relationship with **Rick Gowing**, the NT representative and **Sally-Anne Kinghorne** of ACT Health, another relative newcomer.

Derek Exton, Director, Asset Services in the Department of Health South Australia, has been seconded to the new Major Projects Office as Major Projects Director, Asset Planning.

Derek now has specific responsibilities for the new \$1.8 billion Marjorie Jackson Nelson Hospital and the implementation of the Glenside Master Plan. In his absence, **Brendan Hewitt** is Acting Director, Asset Services.

Devon Diggle, Chair of the CHAA Board of Governance and the NZ HCAMC representative has been returned as Chair for a further 12 month period. We would like to extend our sincere thanks for his tireless work in support of CHAA and look forward to his continued input over the coming year.



Travel

→ Building Stock Activation - Tokyo (5-7 November 2007)

During the second half of the 20th century in metropolitan cities around the world - of which Tokyo is representative - the stock of existing old buildings increased dramatically.

Environmental sustainability, historic value, land use economics and other societal forces mean that it is often no longer sound public policy or 'good' for private profit to demolish older buildings: although rapidly evolving social and technical dynamics have often resulted in a mismatch between the existing stock and contemporary user requirements.

This complex problem cannot be resolved by the simplistic, standardized solutions commonly seen in conventional architecture and building engineering that apply to individual elements of buildings.

This conference was aimed at 'activation' methods for such building stock and presented a new design approach for urban fabric and its adaptability.

Dr Keiko Hirota was invited to present a study of healthcare facility water management (which falls under CHAA's ESD agenda) to the Building Stock Activation Conference in Japan in early November. Her study aimed to design efficient water management strategies for health facilities with the intent to maintain the provision of essential services, both for future and alternative water supply systems in terms of sustainable building rehabilitation.

Dr Hirota's presentation reported the current stage of analysis results, describing the water management decisions of an existing NSW rural base hospital in an area which is experiencing a water supply crisis (Goulburn).

Keiko's expertise in multidisciplinary orientated sustainable built environment was well covered in the range of presenters' topics which ranged from building sociology and building technology through to urban design, thus she was also nominated to chair an expert session titled 'Adaptability.'

Presentations can be accessed via the [CHAA website](#)



Dr Keiko Hirota chats about the research report on Australian retrofitting projects with it's author, Prof. Kitsutaka (Tokyo Metropolitan University)



Waatarau Acute Adult Mental Health Unit



Presenting CHAA research: Health Facility Water Systems & Management Strategies for Sustainable Building Rehabilitation

→ Out and About

→ Annual Health Facilities Planning & Design Summit - Sydney (20-21 November 2007)

Patrick Chu presented to the Health Facilities Planning and Design Summit - his presentation, "An overview of the Australasian Guidelines & Additional Standard Components" can be accessed via the [CHAA website](#).

→ NZ Project Directors' Forum - Auckland (8 November 2007)

NZ Project Directors' Forum was held in Blenheim, on 8 November. Jane Carthey attended and spoke on the topic of emerging trends for health facility design.

→ NZ Mental Health Forum - Auckland (1-2 November 2007)

Jane Carthey and Margaret Binnie attended a Mental Health Forum hosted by the NZ Ministry of Health.

This event looked at issues arising from the three newly built mental health facilities in Auckland:

- Acute Adult Unit
- Forensic Unit
- Community Unit

The forum included site visits to all three venues and provided an excellent opportunity to monitor emerging trends and best practice in industry.

Presentations were made by unit and project staff and Ministry representatives. These presentations will be available shortly for download from the [CHAA website](#).

→ SA DHS Forum - Adelaide (25 October 2007)

Jane Carthey and other presenters reviewed current trends impacting on health facility design. Presentations from this seminar are available from the [CHAA website](#).

→ Bookmarks

<http://www.health.nsw.gov.au/legal/pdf/mentalhealthip1.pdf>

The NSW Mental Health Act (1990) is currently under review. Implications for facility planning and design are as yet unknown but revisions to Mental Health Planning Units will reference the new Act when it passes into legislation and any impact on planning and design requirements will be assessed.

<http://www.bre.co.uk/>

Environmental Profiles are a method of presenting environmental data about the performance of building materials. These profiles allow designers to demand reliable and comparable environmental information about competing building materials by providing a set of common rules and guidelines for applying Life Cycle Assessment (LCA) to UK construction products.

The standardised method of identifying and assessing the environmental effects of building materials over their life cycle - that is their extraction, processing, use and maintenance, and their eventual disposal - means that designers can have confidence in the "level playing field" status of Environmental Profiles for every material type. BRE and the Steering Group of materials industry representatives believe that this method represents the most objective and workable approach that could be developed to deal with all building materials.

Environmental Profiles are also used in the Green Guide to Specification, and although these profiles apply to products sold in the UK many of these are imported into Australia e.g. vinyl flooring.

Go direct to the Environmental Profiles by clicking [here](#).

→ In Closing

Many thanks again must go to all of our sponsors from the Health Capital Asset Managers' Consortium (HCAMC) jurisdictions and UNSW sponsors, particularly those in the Faculty of the Built Environment (FBE).

We would also ask that you 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 (free!) CHAA.Net membership.

We welcome your feedback, so please let us know of any areas of particular interest that we can address in future newsletters. Click here to email us at chaa.admin@unsw.edu.au with your comments, links for useful resources, news items etc.

Merry Christmas!

Jane Carthey

Director

Centre for Health Assets Australasia

