

CHAA NEWSLETTER SEPTEMBER 2005

Welcome from the Director, Jane Carthey

It is my pleasure to present the second CHAA Newsletter, as a monthly update to our sponsors and key stakeholders. I would also like to again thank our sponsors from the Health Capital Asset Managers' Consortium (HCAMC) jurisdictions for their ongoing support and feedback.

We intend that this and future newsletters are a useful source of information for our sponsors and stakeholders. Each will include a monthly Centre update including a brief list of emerging issues followed by a list of useful resources.

A comprehensive set of electronic bookmark references (website links) is in development, which will be located on the CHAA website in the near future. We have formally registered and are now promoting the following website link to all CHAA information and resources: www.chaa.net.au

This takes you directly to our home page and from there to other resources available for participants in our seminars and conferences, other e-resources, Newsletters, etc. Please update your bookmarks with this new link.

CENTRE UPDATE

CHAA Staff

We are delighted to announce that **John Horridge** has been appointed as a Research Fellow to CHAA. John brings considerable experience as an architect and most recently as an expert in documentation of specifications while working for NATSPEC (www.natspec.info). NATSPEC is the trading name of Construction Information Systems Australia Pty Limited. John will be working on the Australasian Health Facility Guidelines project, initially on the Part E Engineering Services section and on various other research projects.

Craig Burke, an Industrial Designer and Project Manager, will also be joining us in early October, to project manage the development of our Health Research Design Laboratory, infrastructure that will enable the construction of various prototype health facility rooms and spaces. We will report further on this exciting initiative in our next newsletter.

Emerging Issues

- The new **HPU for Neonatal Intensive Care** is one of several HPU now being issued in draft format for selective industry review. Publication of these for wider industry review and use is planned for December 2005. Advice has been posted on the CHAA website regarding the release dates for this and the other specific HPU sections currently being developed.
- **CHAA Conference, 10–11 November 2005**: early bird registrations have now closed for the conference. There is a lot of interest in the conference, and we invite you to register asap. The program and registration forms are available on the CHAA website under [Events](#). We continue to actively seeking sponsorship contributions from industry. Please continue to promote the conference in your jurisdictions and amongst your staff.
- The **HCAMC meeting in November 2005 Agenda** will now include a strategic planning session for the 2006 activities of CHAA and we will seek further ideas for productive research during our November conference.
- Our **final seminar for NSW Health** (21 September, 2005) was voted by the smallish audience that attended as 'excellent' and 'the best this year'. On the theme of **Asset Management Reform: Emerging Issues**, three presentations linked the topic areas of the Patient, Technology and Healthcare Facility Design of the Future. *If you missed it, the slides are now available from the CHAA website or click the link below to go there now:*
http://www.fbe.unsw.edu.au/cha/seminar_presentations.asp

USEFUL REFERENCES

Building Guidelines were the focus of the first CHAA Newsletter (August 2005). The current Newsletter is focussed on **Neonatal ICU resources** compiled from a variety of sources, all of which have been accessed by our staff. However, as with all our resource lists, it is not intended to be comprehensive. Of course, if you believe something is missing, please let us know. We supply these resources for information purposes only; CHAA does not necessarily agree with all of the content nor do we unreservedly endorse their use – ‘caveat emptor’.

If you have come across a useful resource that you would like to share with others, please email the link to Steve Tipper at the address above. Please include a brief description of the link and its usefulness for the information of others.

The following list of resources represents an ‘evidence base’ for consideration in planning NICU facilities:

Recommended Standards for Newborn ICU Design

Gilbert I Martin

Journal of Perinatology 23, S3-S3 (20 Jan 2003) Preface

<http://www.nature.com/jp/journal/v23/n1s/full/7210833a.html>

[Abstract](#) | [Full Text](#) | [PDF](#) |

Recommended Standards for Newborn ICU Design, Report of the Fifth Consensus Conference on Newborn ICU Design, January 2002, Clearwater Beach, Florida, Committee to Establish Recommended Standards for Newborn ICU Design, Robert D. White, MD, Chairperson, Memorial Hospital, South Bend, Indiana. www.nd.edu/~kkolberg/frmain Sourced AEST 22/08/2005 [cross-reference Pub Med: J Perinatol. 1999 Dec;19(8 Pt 2):S1-12.]

Individual Rooms in the NICU — An Evolving Concept

Robert D White, Journal of Perinatology 23, S22-S24 (20 Jan 2003) Original Article

[Abstract](#) | [Full Text](#) | [PDF](#) |

Contribution of Heating, Ventilation, and Air Conditioning Airflow and Conversation to the Ambient Sound in a Neonatal Intensive Care Unit

Alex Robertson MD¹, Celeste Cooper-Peel MA CHES¹ and Paul Vos PhD²

Journal of Perinatology, July/August 1999, Volume 19, Number 5, Pages 362-366

<http://www.nature.com/cgi-taf/DynaPage.taf?file=/jp/journal/v19/n5/abs/7200203a.html>

Reducing Light and Sound in the Neonatal Intensive Care Unit: An Evaluation of Patient Safety, Staff Satisfaction and Costs

Michele Walsh-Sukys, Ann Reitenbach, Diane Hudson-Barr, Patricia DePompei

Journal of Perinatology 21, 230-235 (03 Aug 2001)

<http://www.nature.com/jp/journal/v21/n4/full/7200534a.html>

A Single-Room NICU-The Next Generation Evolution in the Design of Neonatal Intensive Care Unit, American Institute of Architects.

www.aia.org/print_template.cfm?pagename=aah_a_jrnl_0401_article3

Accessed: 29th Sept 2005, 12.30 AEST

Neonatal intensive care unit designs are critical to infant health, Mardelle Shipley, Jun 17, 2005, 03:32. http://www.rxpnews.com/research/pediatrics/neonatology/article_1716.shtml

Accessed: 26/09/2005 AEST [Last Updated: Sep 13th, 2005 - 05:00:48]

A Review of Neonatal Intensive Care Provision in New Zealand, Ministry of Health, February 2004. <http://www.moh.govt.nz/moh.nsf/0/241aaaaf93ecd232cc256ff5000679e3?OpenDocument>

Page last updated 11 July 2005, Accessed: 26 Sept 2005 in Word and PDF format

HPU 390 - Intensive Care-Neonatal / Special Care Nursery, Department of Human Services, Victoria, November 2004.

http://www.healthdesign.com.au/vic.dghdp/dghdp_content/guidelines/dghdp_b_intensive_care_neonatal_226_230.pdf

Designing a Neonatal Unit, Report for the British Association of Perinatal Medicine, May 2004.
http://www.bapm.org/media/documents/publications/DesigningNNU_May2004b.pdf

Standards for Hospitals Providing Neonatal Intensive and High Dependency Care, 2nd edition, British Association of Perinatal Medicine, December 2001. Source @ 26/09/2005
<http://www.investinginyourhealth.org.uk/children/BAPM%20Hospital%20Standards.pdf>

Family-Centred Maternity and Newborn Care: National Guidelines, Health Canada. Minister of Public Works and Government Services, Ottawa, 2000. (Chapter 10, Facilities and Equipment)
http://www.phac-aspc.gc.ca/dca-dea/publications/fcmc10_e.html

Levels of Neonatal Care, Committee on Fetus and Newborn, American Academy of Pediatrics, Pediatrics, 2004; 114;1341-1347.

Descriptive analysis of critical care units in the United States.

[Groeger JS](#), [Strosberg MA](#), [Halpern NA](#), [Raphaely RC](#), [Kaye WE](#), [Guntupalli KK](#), [Bertram DL](#), [Greenbaum DM](#), [Clemmer TP](#), [Gallagher TJ](#), et al. Memorial Sloan-Kettering Cancer Center, New York, NY. Crit Care Med. 1992 Jun;20(6):846-63.

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=1597041&dopt=Citation

Designing and Delivering Neonatal Care in Single Rooms.

Brown, Phyllis Taquino, Lauren T., Journal of Perinatal & Neonatal Nursing. 15(1):68-83, June 2001. <http://www.jpnnjournal.com/pt/re/jpnn/pdfhandler.00005237-200106000-00008.pdf;jsessionid=D32yp18y4Duz1P2S43TeQ3EQTzswciQO6xAhNM9hQYO1ozTkfcOA!-1327864877!-949856145!9001!-1> [Abstract]

United Nations Convention on the Rights of the Child, Health and health services (Article 24).

INTERNATIONAL LINKS (organisational general use):

NHS Estates, Healthcare Facilities Consortium: <http://www.hfc.org.uk/index2.htm>

- See the “About” (<http://www.hfc.org.uk/hfc/hfcabout.htm>) and “Services” sections

European Health Property Network: <http://www.euhpn.org/>

- see the Publications section for newsletters, reports in the public domain, and presentations and papers from EuHPN workshops.

Netherlands Board for Hospital Facilities: <http://www.bouwcollege.nl/smartsite.shtml?id=147>

- The “Summaries” are valuable resources.
- The NBHF is responsible for specifications for design and architecture plus assessment of construction plans and issue of building permits to health care institutions.

Health Facilities Management Magazine: <http://www.hfmmagazine.com>

- Bookmark the “other links” resources as a gateway site for future reference:
<http://www.hfmmagazine.com/hfmmagazine/html/links.html>

American Institute of Architects (AIA)

- Knowledge Communities provide expert articles by topic area at http://www.aia.org/nav_kc
- See the items under [Facility Management](#) and [Healthcare Architecture](#) in particular

Architects for Health, a linked society of the

Royal Institute of British Architects (RIBA <http://www.riba.org/>) :

- **The Architects for Health links page is comprehensive with an Index to links:**
<http://www.architectsforhealth.com/links.html>

- **Index to Links**

- [AfH Sponsors](#)
- [National Government](#)

- [NHS and DoH Websites](#)
- [Other Health Sites](#)
- [Local Government](#)
- [Professional Organisations \(Architectural\)](#)
- [Links to Building Product Webpages](#)
- [Miscellaneous Sites](#)
- [Professional Organisations \(Health\)](#)
- [Nursing](#)
- [Medical Journals](#)
- [Health Related Charities](#)

Interiors Quarterly (an American industry magazine with links to many products):
Recent article extracting from the work of Robert Ulrich & Craig Zimring recycles ‘news’:
<http://enewsletter.tectonicdirectory.com/practice3.asp>

[The above article has been excerpted from "The Role of the Physical Environment in the Hospital of the 21st Century" by Roger Ulrich and Craig Zimring (2004). Published by The Center for Health Design with funding from The Robert Wood Johnson Foundation, which is available from this link:
http://www.healthdesign.org/research/reports/physical_envirom.php]

And finally, two recent items selected by Steve for broader interest:

“**Architectural History**” from Wikipedia and the Free Dictionary:
[http://encyclopedia.thefreedictionary.com/Architecture+\(built+environment\)](http://encyclopedia.thefreedictionary.com/Architecture+(built+environment))

“**The Architecture of Health**” (30 min) Broadcast on Radio 4 - Wed 21 Sep - 21:00
2/2. It is now accepted that good hospital design contributes to patient recovery and wellbeing. So why are we still building the old way? Sheena Macdonald investigates.”
The opening 5 minutes is fascinating with brief interviews of attendees at Groningen, The Netherlands.
The general BBC link is a bit hard to x-link to the source articles (try this link to ‘part 2’
http://www.bbc.co.uk/radio/aod/radio4_aod.shtml?radio4/architecture_of_health)

NEXT MONTH

Please email us your links for useful resources asap, and definitely **by Friday, 28 October**.

We welcome your feedback on the format and content of our newsletter e.g. do you prefer a broad range of resources or a special theme as in this month’s newsletter? We will consider any requests for future issues!

Please circulate the newsletter amongst your colleagues, consultants, contractors, etc!

We, at CHAA, look forward to producing future issues and to meeting you at the conference in Melbourne later this year.

Jane Carthey
30th September 2005

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