

## CHAA NEWSLETTER NOVEMBER/DECEMBER 2005

### INTRODUCTION

Welcome to our regular monthly CHAA Newsletter intended to update our sponsors and key stakeholders regarding key CHAA research, events, and achievements. Thanks once again to all our sponsors from the Health Capital Asset Managers' Consortium (HCAMC) jurisdictions for their ongoing support and feedback. Thank you also to our UNSW sponsors, especially those in the Faculty of the Built Environment (FBE).



This newsletter is one of a series disseminating useful sources of information to our sponsors and CHAA.net members. Each newsletter includes a monthly Centre update including a brief list of emerging issues and a list of useful resources (usually electronic and almost always free of charge to use). This is our final newsletter for 2005 - the next will be issued at the end of January 2006.

We are still developing a comprehensive set of electronic bookmark references (website links) to be located on the CHAA website. As noted in last month's newsletter, our **website** is located at: [www.chaa.net.au](http://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. If you have not already done so, please update your bookmarks with this new link.

Our big news this month is that we have settled into our new premises on the main UNSW campus. We are located on Level 1 of the West Wing of the Red Centre Building, Kensington. Our new phone numbers and fax numbers are listed at the end of this newsletter. For a **map** showing how to find us and comprehensive directions, please visit [www.fbe.unsw.edu.au/cha/contact.asp](http://www.fbe.unsw.edu.au/cha/contact.asp) Our email addresses are unchanged with all **email** enquiries to [CHAA.Admin@fbe.unsw.edu.au](mailto:CHAA.Admin@fbe.unsw.edu.au)

### CENTRE UPDATE

#### CHAA Personnel

CHAA staff welcomed the opportunity to meet and discuss their work with you, as well as socialise, at the CHAA Conference 2005. The team effort to put together the conference while continuing other project work has been gratefully acknowledged and I have thanked them on your behalf. No new staff have joined CHAA in November, however plans for visiting appointments of International researchers to commence early 2006 are well advanced.

#### Emerging Issues Update

- **Health Facility Guidelines:**

Eleven HFG's have now been reviewed and will be published on the HFG website <http://www.healthdesign.com.au/nsw.hfg/> in mid-December 2005. NSW Health and the staff at CHAA would like to convey their sincere thanks to all those members of the industry who gave their valuable time to review the drafts. Your comments were thoughtful, often very comprehensive and we have incorporated almost all of them into the final draft either directly or via an editorial process.

- **CHAA Conference 2005:**

The inaugural CHAA conference was held in Melbourne from 9 to 11 November, 2005. The theme of the conference was 'Future Health Facilities: Emerging Issues in Planning Healthcare Facilities for Changing Times'. The Secretary of the Department of Human Services Victoria, The Hon. Patricia Faulkner addressed delegates at a Welcome Cocktail Party on the 9<sup>th</sup> of November. The conference then proceeded over the following two days and was attended by approximately 140 delegates from around Australia and New Zealand.

Representatives from the Health Departments of Australian States and New Zealand either presented papers or chaired sessions, in addition to various industry participants, UNSW academics (notably Prof Martin Loosemore, Steve Tipper and Jane Carthey) and academics from University of Melbourne and RMIT, plus international speakers from Wales (Phil Nedin, Arup, Wales) and New Zealand (David Meates, Wairarapa DHB).

Overall, those who attended the conference rated it highly, with several heard to comment that this was one of the best conferences that they had ever attended, if not in fact, 'the best'!

A special thank-you is due to our conference Sponsors:

**Aurora Projects Pty Ltd** <http://www.auroraprojects.com.au/> Ph: +61 2 8920 1838

**Davis Langdon Ltd** <http://www.davislangdon.com.au/>, Melbourne office: Ph: +61 3 9933 8800

**PolyFlor Australia** <http://www.spec-net.com.au/company/polflor.htm> Ph: +61 8 9353 6770

**Web FM Pty Ltd** <http://www.webfm.com.au> Ph: +61 2 46 55 5044

**Umow Lai & Associates Pty Ltd** <http://www.umowlai.com.au/index.html> Ph: +61 3 9824 0711

As advised by Miriam Burgess (e-mail to CHAA.Net, 23/11/2005) the majority of speaker presentations are now available on our website along with a variety of excellent resources and references. As agreed by the CHAA Board, planning has commenced for March 2007, Sydney.



**CHAA Conference Welcome Address:**

Mr Randal Garnham (DHS, Vic as Host),  
Ms Jane Carthey (Director CHAA),  
Mr David Gates (Chair, CHAA Board) &  
Ms Patricia Faulkner (Secretary, DHS,  
Victoria) opening the pre-conference  
Cocktail Party

• **RAIA Collaboration:**

In collaboration with the RAIA, CHAA has recently distributed a **survey of healthcare facility designers** that has been sent to all RAIA members, and forwarded to all architects, project directors and health facility planners on the CHAA.net mailing list. The intent of the survey is to understand more about the designers who work on healthcare projects and in particular the kind of information resources that they use or would like to see developed for their use. If you have not received a copy of the survey and would like to participate, please contact CHAA on [chaa.admin@unsw.edu.au](mailto:chaa.admin@unsw.edu.au)

**USEFUL REFERENCES:**

A reading and reference list of resources on **Rehabilitation / Allied Health Unit** design is below. This important topic will be updated in subsequent newsletters as the new NSW Health Facility Guideline sections including this particular HPU are released for comment and use. Clinical practice guidelines links for 'rehabilitation services' are not included in this Newsletter.

**Organisations:**

**Australasian Faculty of Rehabilitation Medicine:** links to a variety of sites with medical content on Rehabilitation [http://www.racp.edu.au/afrm/afirm\\_il.htm](http://www.racp.edu.au/afrm/afirm_il.htm) plus links from the NSW site to web accessible journal articles <http://www.afrmnsw.org.au/docs/public/links.php> from:

**AFRM Standards for Rehabilitation Medicine**, March 2005 (draft): refers in Section 3 to Facilities [http://www.racp.edu.au/afrm/Standards\\_Booklet0305.pdf](http://www.racp.edu.au/afrm/Standards_Booklet0305.pdf)

**National Rehabilitation Information Center's online gateway** <http://www.naric.com/>

Guide to Periodicals: The Knowledgebase includes data collected for *The Guide to Periodicals*, a directory of journals, newsletters, and magazines relating to disability and rehabilitation. Each

citation includes an abstract, contact information, circulation, and content information.

<http://www.naric.com/research/kb/gtp.cfm>

**American Institute of Architects**, *Guidelines for Design and Construction of Hospital and Health Care Facilities: Rehabilitation Facilities, Chapter 10 (DRAFT 2006, 11/1/04)*

[http://www.aia.org/SiteObjects/files/chap\\_10\\_2006\\_incl\\_app.pdf](http://www.aia.org/SiteObjects/files/chap_10_2006_incl_app.pdf)

**Center for International Rehabilitation Research Information and Exchange**

<http://cirrie.buffalo.edu/> [Includes a Database of International Rehabilitation Research]

**The National Institute on Disability and Rehabilitation Research (USA)**

(NIDRR) provides leadership and support for a comprehensive program of research related to the rehabilitation of individuals with disabilities.

<http://www.ed.gov/about/offices/list/osers/nidrr/index.html>

**The REHABDATA Database.** REHABDATA, produced by the National Rehabilitation Information Centre, is the leading literature database on disability and rehabilitation. The database describes over 65,000 documents covering physical, mental, and psychiatric disabilities, independent living, vocational rehabilitation, special education, assistive technology, law, employment, and other issues as they relate to people with disabilities. The collection spans 1956 to the present.

<http://www.naric.com/research/rehab/default.cfm>

**Pathways Home** is a new program that the Australian Government is funding under the 2003-08 Australian Health Care Agreements. A table lists the projects that have been approved to date under the Pathways Home Projects.

<http://www.health.gov.au/internet/wcms/publishing.nsf/Content/health-ahca-pathways+home>

**International Academy for Design and Health** <http://www.designandhealth.com>

[Links to books for sale + recent articles relevant to design e.g., Alan Dilani (Sweden)

[Psychosocially Supportive Design, Scandinavian Healthcare Design](#)

Roger Ulrich (USA)

[Effects on Healthcare Environmental Design on Medical Outcomes](#) ]

**The Center for Health Design** The Center for Health Design is a nonprofit 501c(3) research and advocacy organization whose mission is to transform healthcare settings into healing environments that improve outcomes through the creative use of evidence-based design.

<http://www.healthdesign.org/>

### **Reference articles:**

Scott IA, Lindsay KA, Harden HE. **Utilisation of outpatient cardiac rehabilitation in Queensland.** *Med J Aust* 2003; 179: 341-345. [<eMJA full text>](#) [Conclusion: There is significant underutilisation of facility-based OCR programs in Queensland. Procedures are required for identifying and referring eligible patients to existing programs and improving program compliance. Alternative OCR models are also required. ]

Gray, Len, **Sub acute Care and Rehabilitation**, *Australian Health Review*, Vol. 25(5) 2002 pp. 140-144 [Abstract](#)

Dow, Briony, **The shifting cost of care: early discharge for rehabilitation**, *Australian Health Rev* 2004; 28 (3): 260-265. [Abstract](#)

Mackey F, Ada L, Heard R, Adams R. **Stroke rehabilitation: are highly structured units more conducive to physical activity than less structured units?** *Arch Phys Med Rehabil.* 1996 Oct;77(10):1066-70. PMID: 8857888 [PubMed - indexed for MEDLINE] [Abstract](#)

[NOTE: Physiotherapy Department, Illawarra Regional Hospital, Wollongong, Australia. RESULTS: No significant difference was found in any of the observed motor activities between the units when using independent groups t tests ( $p = 0.1-0.8$ ). Subjects in both units spent more than 70% of their day in activities largely unrelated to physical outcome (e.g., conversing with visitors or doing nothing observable) and less than 20% of the day in activities that could potentially contribute to their recovery (e.g., in therapy or exercising independently). CONCLUSIONS: Rehabilitation units are not functioning as learning environments. The challenge is to identify and implement measures that will change this finding.]

Pollack , Michael R P and Disler, Peter B **Rehabilitation of patients after stroke** *Med J Aust* 2002 177 (8): 452-456 [http://www.mja.com.au/public/issues/177\\_08\\_211002/pol10119\\_fm.html](http://www.mja.com.au/public/issues/177_08_211002/pol10119_fm.html)

[This article aims to provide an overview of the role of rehabilitation in the management of stroke. It discusses rehabilitation sequentially as it occurs in three main settings — the acute hospital, specialised rehabilitation units, and the community with insightful scenarios, useful for understanding the clinical care team roles in each setting. THIS IS PART OF A SERIES of articles titled “MJA Practice Essentials – Rehabilitation”]

Whiteneck GG, Harrison-Felix CL, Mellick DC, Brooks CA, Charlifue SB, Gerhart KA. **Quantifying environmental factors: A measure of physical, attitudinal, service, productivity, and policy barriers** *Archives of Physical Medicine and Rehabilitation* - August 2004 (Vol. 85, Issue 8, Pages 1324-1335) [Abstract](#) | [Full Text \(Science Direct\)](#) [Objective: To develop and test a new instrument to assess environmental barriers encountered by people with and without disabilities by using a questionnaire format.]

Smith PM, Ottenbacher KJ, Cranley M, Dittmar SS, Illig SB, Granger CV **Predicting follow-up living setting in patients with stroke** *Archives of Physical Medicine and Rehabilitation* - June 2002 (Vol. 83, Issue 6, Pages 764-770) [Abstract](#) | [Full Text \(Science Direct\)](#) | [Conclusion: The association among functional abilities, demographic characteristics, and follow-up living setting in patients with stroke is complex. Functional variables can be used to help predict follow-up living setting. These variables change based on patient severity level.]

Smith QW, Holcomb J D, Galvin J, DeJong G, DeLisa JA, Roberts J K **The effect of changes in the health care environment on rehabilitation research: A survey of rehabilitation physicians** *Archives of Physical Medicine and Rehabilitation* - November 2001 (Vol. 82, Issue 11, Pages 1624-1629) [Abstract \(Medline\)](#) | [PDF \(77 KB\)subscription required](#)

[CONCLUSION: Changes in the health care system have had a dampening effect on rehabilitation physicians' research pursuits.]

John R Gladman **Transitional care for elderly people BMJ 2005;331:1271 (26 November)**, <http://bmj.bmjournals.com/cgi/content/full/331/7527/1271-b?etoc> [Editor's Letter reviews evidence for transitional care and intermediate care services effects on hospitals, citing relevant references and related articles on aged care]

NHS Estates, **Facilities for Rehabilitation Services: Health Building Note NHS Estates 8 Facilities for Rehabilitation Services**, 2nd ed., London, HMSO, 2004

ISBN 0113226802 cost £85 (NO WEBLINK LINK: available via [www.Amazon.com](http://www.Amazon.com) etc)

This publication contains guidance on the planning and design of facilities for rehabilitation services provided within acute general hospitals, as well as in a range of community settings. It adopts a modular approach to the topic, which describes facilities for separate elements of a general rehabilitation service that can be put together as circumstances require and according to local needs, to achieve good management and value for money in capital and revenue terms. Recognition is given to the need to make decisions locally, as close to the patient as possible, and the involvement of service users and representatives in the planning and design process is encouraged. Sections cover: general service considerations; environment and design considerations, operational aspects including health and safety, catering and domestic services, health records service and IT; general planning issues including parking, entrance and reception areas, clinical and therapeutic spaces; engineering considerations; and cost information. It also includes case studies of four different settings and a patient's perspective of using the services of a rehabilitation unit. This publication supersedes the previous edition (ISBN 0113224516) published in 2000.

NHS Estates, **Rehabilitation Accommodation for Physiotherapy, Occupational Therapy and Speech Therapy, HBN No. 8**, London, HMSO, 1991[Available on request from [ACHSE Library](#)]

**Primary and Social Care Premises: Planning and Design Guidance**

[http://primarycare.nhsestates.gov.uk/secure/activity\\_details.asp?routemap\\_ID=7&process\\_ID=24&sub\\_process\\_ID=2&activity\\_ID=124](http://primarycare.nhsestates.gov.uk/secure/activity_details.asp?routemap_ID=7&process_ID=24&sub_process_ID=2&activity_ID=124)

Detailed advice on the facilities needed to provide services are set out in the NHS Estates Health Building Note (HBN 8 - 'Facilities for rehabilitation services'). Considers internal spaces: Clinical activity spaces as Specialist therapy spaces for Physiotherapy, Occupational therapy, Specialist speech and language therapy, Ophthalmology, Audiology.

**Areawide planning of facilities for rehabilitation services; Report of the Joint Committee of the Public Health Service and the Vocational Rehabilitation Administration.** Participating agency:

Association of Rehabilitation Centers, inc; Health Sciences Library

<http://catalog.lib.washington.edu:2082/search/CHV1553+.I56+1979/chv+1553+i56+1979/-2%2C-1%2C0%2CE/frameset&FF=chv+1553+j6&1%2C1%2C>

Pub info: Washington, U. S. Dept. of Health, Educational, and Welfare, Public Health Service; [for sale by the Superintendent of Documents, U. S. Govt. Print. Off., 1963]

FitzPatrick, T K. **Selected Rehabilitation Facilities in the United States: an Architect's Analysis.** 1971 [O03380](#).

Harris H, Lipman A, Slater R. **Architectural design: the spatial location and interactions of old people.** *Gerontology.* 1977; 23(5):390-400. PMID: 852666 [[PubMed - indexed for MEDLINE](#)]

[NOTE 1977 article. Residents' interactions in the sitting spaces of purpose-built Homes for old people: Examination of the data suggests that residents of different mental designations are segregated from each other. Some architectural design elements of physical settings that might foster integration are outlined (no web version of paper accessible)]

Sliwa, James A, **Outpatient Rehabilitation Services: a Guide to Planning and Management,** Chicago, AHA Publishing, 1991 [Available on request from [ACHSE Library](#)]

### **Other References:**

**The Free Dictionary:** definition, search for "rehabilitation + facilities"

<http://encyclopedia.thefreedictionary.com/rehabilitation+facilities>

**PubMed search:** enter "rehabilitation facility design" (without " ") for 663 articles, 30 reviews

<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=pubmed>

**Archives of Physical Medicine and Rehabilitation** <http://www.archives-pmr.org/home>

**Australian Commonwealth Health and Ageing Thesaurus:** The 7th edition of the Health and Ageing Thesaurus is a list of subject terms covering concepts of interest to the Australian Government Department of Health and Ageing and is a basis for common terminology across the Department. The Thesaurus can be used for classification or indexing of all types of documents and files, from personal files to corporate databases, and hence to assist in retrieval of corporate information. It is also used in Document management and Record management systems. For ease of downloading, the thesaurus is available here in several parts.

<http://www.health.gov.au/internet/wcms/publishing.nsf/Content/health-thesaurus.htm>

**Acknowledgement:** *Some articles cited in this Newsletter were provided by the Australian College of Health Services Executives (ACHSE) Library which also offers a document retrieval service (details available via their website [www.achse.org.au/nsw/library.html](http://www.achse.org.au/nsw/library.html))*

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**Additional Information:** The CHAA Newsletter is available via the CHAA website and every attempt has been made to cite sources readily available via the internet, however if you have difficulty in locating an item please forward an e-mail query to us as [CHAA.admin@unsw.edu.au](mailto:CHAA.admin@unsw.edu.au) with “Newsletter – YOUR TOPIC” in the Subject line.

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.

## NEXT MONTH

We intend to cover the following topics in upcoming issues of this newsletter:

January 2006    Maternity & Paediatrics

February 2006    Pathology & Laboratory Design

March 2006    Health Facility Design for Culturally & Linguistically Diverse (CALD) populations

Please email us your links for useful resources, particularly where they are relevant to the upcoming subject areas, ASAP, and for the next newsletter **by Friday, 27<sup>th</sup> January 2006**.

Please also let us know of any areas of particular interest that we can address in future newsletters.

**\*\*Don't forget to circulate the newsletter amongst your colleagues, consultants, contractors, etc!\*\***

We look forward to producing future issues and to working with you in 2006.

On behalf of the CHAA Board and Centre staff I wish you a safe and happy Christmas holiday season.

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**Jane Carthey**

**30<sup>th</sup> November 2005**

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