About CHIA: Certified Health Informatician Australasia

Jane Orbell-Smith shares information on the process of gaining Certified Health Informatician Australasia (CHIA) certification. According to Jane, CHIA status will help other health professionals understand that Health Librarians are an integral part of the health informatics environment, as their work is focused on expertise in a wide range of health information (evidence-based practice) and the integration of computing. Jane is in the Queensland Health cohort undertaking certification in 2019 and has recently achieved CHIA.

“Health informaticians have requisite skills and knowledge across six connected yet unique domains. They work at the intersection of healthcare and information technology, across a vast range of delivery models and settings.” (CHIA, 2019).

Those working in the health informatics field have an option to become a Certified Health Informatician Australasia. The certification is developed, delivered and governed by the professional bodies HISA, ACHI, and the Health Information Management Association of Australia. To date, nearly 400 people across 10 countries have so far completed certification and the right to use the post-nominals “CHIA”. (HISA, 2019.)

Certification consists of demonstrating understanding and proficiency in 6 areas of competence and 52 identified competencies. To qualify to apply to sit for certification, candidates must have undertaken a relevant degree plus have three years of associated experience, or, have five years of relevant experience if they do not hold a degree. Eligible candidates are required to undertake a challenging two-and-a-half-hour open book multiple-choice question based exam. Candidates have 90 days from registration to complete up to two attempts at the exam. Successful completion of the exam ensures a candidate has the requirements to practice as a health informatics professional. Candidates are charged $695 to sit the exam; ACHI/HISA and HIMAA members receive a reduced fee of $495.

Certification Maintenance
Registration as a CHIA is a three-yearly cycle. To maintain certification, candidates must (a) pay a recertification fee ($175 for affiliated association members and $250 for non-members) and (b) undertake, record and submit...
... Obtaining the independently assessed CHIA status formalises that we do in fact have the wider health sciences knowledge required in our positions and demonstrates to our health colleagues our knowledge and expertise ...

Queensland Health Embrace CHIA

Recognising the need for qualified health informatics in supporting health care triggered by the ongoing roll-out of National and State digital health initiatives, Queensland Health have partnered with the CHIA providers to run certification for selected staff. So far, there is one successful cohort; a second group will complete their qualification through final exam by the end of May this year.

Examination Certification

Certification through an examination process is a return to how librarians were admitted to our profession in pre-1970s in Australia. (Carroll, 2016). An independent examination is still a requirement in some areas of the United States to be recognised as a “librarian”. This is over and above any degree or post-graduate qualification. (ALA, 2014).

It will be interesting to observe if our profession’s specialities (e.g. health and law librarianship) also bring in this requirement. It is an interesting conversation as it (a) forces candidates to prove proficiency of their professional knowledge (but not practice capability), (b) provides a (potentially) higher level of evidence of same for employers, and, (c) is a potentially lucrative income stream for the professional bodies.

Role for Health Librarians

Health librarians are an integral part of the health informatics environment as our work is focused on expertise in a wide range of health information (evidence based practice) and the integration of computing. That we have these professional skills is not readily recognised within the wider health services environment. Obtaining the independently assessed CHIA status formalises that we do in fact have the wider health sciences knowledge required in our positions and demonstrates to our health colleagues our knowledge and expertise to ensure we “have a seat at the table” in health informatics.

Jane Orbell-Smith, AFALIA, AALIA (DCP) Health Librarian. Redcliffe and Caboolture Hospitals’ Library Manager, Queensland.

REFERENCES

DON’T RISK FOMO …
Grab the LAST CHANCE to learn all about data!

HLA PD Days

We are hoping you’ll join us at the annual HLA PD event to be held across two days on the 18th and 19th of July at the Caulfield Campus of Monash University, for which the theme is “All about data - what do health librarians need to know in the data driven world of ehealth?”

On Day One there are many outstanding keynote speakers including:

- **Julian Elliott** from the Cochrane Collaboration who will speak about ‘Living Evidence’
- **Angela Ryan** from the Australian Digital Health Agency will discuss, ‘Digital Literacy’
- **Liz Stokes** from the Australian Research Data Commons will present, ‘Being Data Savy’ and
- **David Groenewegan** from Monash University will focus on the challenges and opportunities of research data management.

This year we will have a panel discussion with our three gold sponsors and their library partners that will address the topic of collaboration and common ground. In what is likely to be an interesting and topical session we welcome your feedback in this Q and A style session.

As well as our keynotes you’ll have the opportunity to hear interesting presentations from your colleagues in other health service and academic libraries. There are winners to be applauded and some fabulous networking opportunities with colleagues and sponsors during the day and into the evening over canapes and drinks.

Day Two sees an amazing 12 possible workshops for you to choose from. Highlights include:

- a workshop about digital health education strategies with the Australian Digital Health Agency – now’s our chance to show our enthusiasm and be part of the national strategy and the conversation about upskilling the health workforce;
- two ‘Library Carpentry’ workshops (we are so lucky to have these run by the ARDC);
- our ALIA CEO’s Advocacy workshop – remember, advocacy is not just a word, it’s an activity;
- the health library managers’ meeting for information sharing, discussion, and supporting leaders (be there to learn and contribute to the national agenda);
- gold sponsor workshops helping to make best use of data and resources;

and more! Of course, the only down side is that you can’t go to them all.


See you in Melbourne…
(because you won’t want to miss out!)

Well-deserved recognition for health libraries newest Distinguished Certified Professional

The HLA Executive would like to offer its warmest congratulations to **Veronica De La Fosse** for achieving the status of "Distinguished Certified Professional" through the ALIA Certified Professional Health Development Scheme.

The Distinguished Certified Professional (DCP) status is the top tier of ALIA’s Professional Development scheme, requiring a commitment of five years and a minimum of 200 points. DCP’s must demonstrate professional/technical and personal knowledge and skills; provide evidence of a high degree of autonomy in decision-making in practice and be currently employed in the Australian library and information sector or an allied sector.

You can find out more about Professional Development options by logging in to the membership page at www.alia.com.au You can also read about the health specialisation, for which you can begin accruing a substantial number of points at our PD Days coming up in July.
Wolters Kluwer is honoured to partner with the Australian College of Nursing to localise the Lippincott Procedures content specifically for the Australian health care market.

“We decided to partner with the ACN on this project because we share similar missions in seeking to provide health care professionals with the best available evidence to inform their practice. By using Lippincott Procedures Australia at point of care for clinical decision support, nurses and other health care professionals can provide the highest quality, evidence-based care to their patients, which means improving patient outcomes.”

Anne Dabrow Woods, DNP, RN, CRNP, ANP-BC, AGACNP-BC, FAAN
Chief Nurse of Wolters Kluwer, Health Learning, Research and Practice

Wolters Kluwer, a global leader in professional information services has partnered with The Australian College of Nursing (ACN), Australia’s preeminent and national leader of the nursing profession, to adapt Lippincott Procedures for Australia, fully reflecting local protocols and regulations, terminology, and drug names.
It’s quite amazing to think that half of 2019 has passed us by.

Our PD Day is just around the corner. We are visiting cosmopolitan Melbourne and the program compiled by Angela Smith from the HLA Executive along with her team is amazing. It promises to be two packed days full of learning with inspiring keynotes and guest presentations. Our hosts at Monash Caulfield have been super helpful so we thank them for their support along with our amazing sponsors, in particular Wolters Kluwer, OCLC and Ebsco who are our gold partners for the event. Registrations are closing soon so make sure you keep July 18th and 19th free and visit the HLA page listed below for more information.

Last edition I talked about our partnership with The University of Melbourne to bring you a Digital Health Information Services course (updates Health Librarianship Essentials) which will be run in semester 2, 2019. Registrations are now open and the exciting news is that on completion of the course ALIA members can receive a 10 percent reimbursement. Visit https://www.alia.org.au/groups/HLA to find out more and register.

We were excited to announce that David Honeyman and his team from the Centre for Research in Evidence Based Practice (CREBP) at Bond University are this year’s winners of the HLA/MedicalDirector Digital Health Innovation Award 2019. Their winning application, System for Automatically Requesting Articles (SARA) – an automation tool to improve the speed of systematic reviews is an exciting development in the ever changing systematic review space. Congratulations David and team.

This edition of HLA News also highlights the 2018 HLA/MedicalDirector Digital Health Innovation Award winner Justin Clark who is also part of CREBP at Bond University. His work on The Polyglot Search Translator (PST): a tool for translating search strategies: phase 3 has now been undertaken. Read further to delve deeper into the world of systematic review tools and how they can help you. If you are also doing something creative we would love to hear from you and highlight your work so please get in touch.

There is also plenty of work happening behind the scenes including a consumer health literacy partnership project with public libraries and the Australian Digital Health Agency, updating of our guidelines, more professional development events and additional searches related to the National Safety and Quality Health Service (NSQHS) Standards so stayed tuned as these developments unfold.

I look forward to meeting everyone at our PD Days in July. Until then, stay warm!

Gemma Siemensma
gemma.siemensma@bhs.org.au

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Postscript: Yooralla Library closure
We are sad to report the closure of Yooralla Library, part of the Yooralla not-for-profit disability support agency in Braybrook, Victoria as of the 14th June 2019. Lucia Lazzarotto served as Librarian at Yooralla for 14 years. We offer our best wishes to Lucia into the future.
Storytime Delights

Once again, Ballarat Health Services (BHS) hosted National Simultaneous Storytime (NSS) and have kindly shared their ideas and some super cute photos from their event.

On Wednesday 22 May 2019 at 11:00am the Children’s Ward at Ballarat Health Services (BHS) took part in National Simultaneous Storytime (NSS) which was held during Library and Information Week.

Every year, a picture book written and illustrated by an Australian author and illustrator is read simultaneously in libraries, schools, pre-schools, childcare centres, family homes, bookshops and many other places around the country.

As in past years we thought “why should kids in hospital miss out?” so the BHS Library registered for the event and purchased a copy of the book, “Alpacas with Maracas” written by Matt Cosgrove.

The Playroom in the kid’s ward was the perfect location and sick kids joined us to listen to the story, shake their maracas and do some craft.

The kids also got to choose a free book to take home, along with their maracas, a balloon and some stickers with illustrations from the “Alpacas with Maracas” picture book.

It was a successful morning and we look forward to next year where we can bring the NSS back to the kids ward to read another Australian classic (see below!)

Gemma Siemensma and Andrea Backshall
Ballarat Health Services, gemmas@bhs.org.au

Start planning for NSS 2020!

ALIA is pleased to announce that the book for National Simultaneous Storytime 2020 is Whitney and Britney Chicken Divas written and illustrated by Lucinda Gifford, published by Scholastic Australia. You can pre-order copies now...

HLA News • Winter 2019 • page 6
AUSTRALIAN LIBRARY RESEARCH: POLYGLOT on the world stage...

Ahead of the HLA 2019 PD Days in Melbourne, readers will be excited to learn they will be hearing first hand from Justin Clark from Bond University about the progress of his award winning project, the Polyglot Search Translator, a tool specifically designed to improve the speed of conducting a systematic search for systematic reviews.

The Polyglot Search Translator is a tool designed to improve the speed of conducting a systematic search for systematic reviews. It speeds up this process by automatically translating the syntax from Ovid MEDLINE or PubMed into the other databases commonly used in a systematic review, such as Embase or the Cochrane Library.

In 2018 it won the Health Libraries Australia (HLA) Anne Harrsion and MedicalDirector Health Innovation awards. With the money and recognition from those awards it has gone from strength to strength. Since January 2017 it has been accessed 8,862 times, with a steady increase in usage from that time until May 2019 from people all around the world (figure 1).

The Polyglot is also making an impact at research conferences. In 2018 it was presented at the 25th Cochrane Colloquium in Edinburgh, Scotland (figure 2).

In 2019 it was part of a workshop at HTAi (Health Technology Assessment International), in Cologne, Germany (figure 3) in a collaboration with Maria-Inti Metzendorf (Cochrane Information Specialist for the Cochrane Metabolic and Endocrine Disorders Group and member of the Cochrane Council). It will also be in a workshop at the 26th Cochrane Colloquium in Santiago, Chile 2019.

Its ability to make searching multiple databases easier is being noticed by other groups working in the field. Recently it was it was integrated into the search visualisation tool, 2dSearch, https://medium.com/@tgr2uk/searching-in-the-tower-of-babel-3d38084e18e8. Future potential collaborations between the Polyglot team and the 2dSearch team are being discussed.

The prize money awarded by HLA has been put to good use improving the Polyglot. A new version is currently in beta testing and will add the following features.

Continues on p8...

FIGURE 1 – Polyglot usage (pageviews) from January to 2017 to May 2019
... If you want to learn more about the Polyglot ... there will be a workshop at HLA PD Day in Melbourne ...

**New Features**

- Ovid search line numbering expansion, this changes a line by line search into a single line search, then translates it. It is designed to improve translation speeds for Ovid searches (figure 4).
- Bracket grouping in Ovid now expanded for engines such as PubMed which do not support field tags for groups.
- Popup help boxes explaining issues users need to be aware of, such as the fact that MeSH terms aren’t automatically translated to Embtree terms.
- Search syntax is now highlighted to improve understandability of search strings.

**Future Features**

Some features planned for future development include:

- Popup warnings for when lines or fields that do not exist are referenced or used
- Increased number of field syntax supported
- Automatic optimization of groups where possible e.g. Infant.ti. OR baby.ti. -> (infant OR baby).ti.

If you want to learn more about the Polyglot, as well as other automation tools, there will be a workshop at HLA PD Day in Melbourne, “Using automation tools to improve the speed of searching for studies for a systematic review”. Hope to see you there.

Justin Clark  
Bond University

**FIGURE 4 (above)** – Line expansion for easy translation.

**FIGURE 2 (below left)** – Justin Clark presenting the Polyglot at the 25th Cochrane Colloquium in Edinburgh, Scotland in 2018

**FIGURE 3 (below right)** – Justin Clark and Maria-Inti Metzendorf presenting the search automation workshop (featuring the Polyglot) at HTAi 2019, in Cologne, Germany.
BACKGROUND
The System for Automatically Requesting Articles (SARA) is one of a suite of tools developed at Bond University to accelerate the process of conducting systematic reviews in healthcare. The suite of tools form the freely available, open source Systematic Review Accelerator (SRA) software at http://crebp-sra.com. SARA has been developed by the Centre for Research in Evidence Based Practice (CREBP) at Bond, in collaboration with Bond University Library. A demonstration of SARA may be viewed here.

OBJECTIVES
The system uses API services of the Library’s LMS Alma to automate the process of placing document delivery requests for articles. A researcher conducting a systematic review who has a set of documents which need to be requested can send these requests in a batch directly from SARA. Previously it was necessary for the researcher to request these articles one by one via the Library’s Primo interface. This requires time consuming and repetitive copying and pasting of article details and clicking through the same process. For a typical set of anywhere from 10 to 100 documents the saving in time and effort for the researcher is considerable. This saving means systematic reviews can be produced more efficiently, contributing to the use of highest quality evidence sources in informing patient care and outcomes.

OUTCOMES
Development of SARA began in 2017, and the system is now being used by health sciences researchers at Bond University as part of the standard systematic review workflow. Feedback to date has been that SARA achieves its objectives of speeding up systematic reviews by streamlining a time consuming, labour intensive and boring task. The next step of the project will be to conduct an evaluation of SARA and use the information gained to improve usability. SARA could then be promoted to other libraries in Australia and internationally for potential implementation at their institutions.
About the course
Prepare yourself for the digital health future! This 12-week course provides knowledge and skills needed to support the work of information service practitioners, managers and researchers in many health settings. It introduces good practice in health library and information services in the era of digital health e.g. e-health literacy, trends in biomedical publishing, health informatics, and the wide array of health information resources and specialty databases. You will learn about:

- The Australian healthcare environment and clients’ information needs
- Health information and data sources
- Evidence-based practice and continuous quality improvement in healthcare and the health information professions
- Health data management and knowledge management technologies

These themes provide a strong foundation for a career in contemporary health libraries and information work.

Who should participate?
The course will be valuable for:

- Librarians interested to move into health information work
- Early career health librarians
- Experienced librarians interested in a refresher course
- Students seeking an elective, in related health or health information courses
- Anyone wishing to gain an insight into health information services.

Course format
Live online classes will run each Wednesday, 6pm – 8pm AEST, from 31 July – 30 October 2019. Can’t make a class? Catch up with a recording. You will also benefit from a range of facilitated self-paced learning activities.

Requirements
- reliable internet connection
- computer or tablet to access classes
- headset

Recognition
- Complete optional assessment to receive academic credit towards a range of health and information qualifications.
- Earn CPD points for professional accreditation e.g. ALIA CPD scheme - 1 point per hour of learning.

MEET THE TEAM:

Course leader: Dr Gillian Hallam, an experienced educator and trainer.

Registration
Details will be advised in early 2019.
Let us know if you want to be notified when applications open.

Enquiries:
http://go.unimelb.edu.au/3qd6 or email health-informatics@unimelb.edu.au

Costs
Details will be advised in early 2019.
Health Libraries Australia members are eligible for a 5% discount, on completion of the course.

This course is offered by the University of Melbourne’s Health and Biomedical Informatics Centre, in partnership with the Australian Library and Information Association’s Health Libraries Australia group.
Systematic Searching – Practical ideas for improving results

Edited by Paul Levay and Jenny Craven.

DETAILS: Published by Facet Publishing. Released in 2019, 208 pages.
ISBN10 1783303735
ISBN13 9781783303731

"Systematic Searching" is a well organised reader that brings together experts to talk about a wide range of themes and issues across the subject of searching. Through this variety of authors and the topics covered, it is an essential addition to the searcher’s bookshelf offering advice and ideas suitable to all levels of expertise.

Editors included; the book brings together twenty-three search experts from across the library world in a collated collection of chapters produced in a classical essay reader approach. These chapters, shaped through a consistent approach, cover a lot of ground in terms of scope and topic depth, are grouped into three overarching themes that come together to present the ‘whole search’: the act of the search itself; future developments in searching; and finally the searcher themselves.

Theme one examines different methods and approaches to systematic searching and the challenges of effectively and consistently producing results. This includes searches that may not fit within a standard approach such as when on broader topics or using non-traditional evidence. Theme two looks at the developments within searching – from information retrieval and the evolution of novel sources such as social media, to the future technology we can use to aid the expert searcher in retrieval – data mining, semantic searching and evidence surveillance.

Theme three covers the searcher themselves and is potentially the most important of the three as it is often overlooked. It focuses on the importance of continual development of search skills but also highlights how we as information specialists can maximise the impact of our work and our role in the work we support.

Each chapter is laid out in a similar way: presenting an overview of its topic, what we already know, with deeper discussion on key aspects before a look into the future and even some recommendations for further reading. This consistency in approach gives the book a strong, clear voice which allows for some of the more complex topics to be explained in an uncomplicated manner. As such – whether the topic is something you already have knowledge on - or introduced as a new concept, you do not feel lost or overwhelmed (especially with the further reading sections at the end of each chapter) and it never feels like a challenge to read.

It never sets out to be a ‘how to’ in terms of systematic searching but delivers on the promise of practical advice across all three themes. Each of the twelve chapters should be of relevance to a whole range of staff be it the early chapters sharpening search skills through to the concluding pages offering guidance for the management of and advocacy for expert searchers.

This book is an excellent supplement to the ever-growing evidence-base on literature searching delivering a portrait of systematic searching today and glimpse at the future which can only help increase the effectiveness of systematic searching throughout its readership.

Michael Cook
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Public Health, Children’s & Adults’ Services
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MEMBER SPOTLIGHT

MICHELE GACA

FAST FACTS

HLA member since:
1985 (Lib Tech), 1994 (Associate)

First professional position:
Assistant Librarian – CSIRO Division of Soils

Current Position:
Chief Librarian – Austin Health Sciences Library

Education:
M (Research) Env Sci (Monash); BA Lib & Info Man (UoSA)

Favourite Website or Blog:
Austin Health Sciences Library website – we work so hard to keep it vibrant and relevant. http://www.austin.org.au/library/

What do you find most interesting about your current position?
The complexity of a public hospital; the interdisciplinary nature of the work; the translational value of research being realised, coupled with the never-ending opportunities to make a direct difference in supporting patient care.

What has been your biggest professional challenge?
My passion for change and continuous improvement. I have times when I find it hard to balance work, health and home.

How did you join Health Librarianship?
My first exposure was as the EBSCO regional sales rep attending a Health Libraries Inc dinner in 2007. I subsequently joined the HLI Committee in 2010 when working as Knowledge Manager at the Heart Foundation.

What was your previous employment background?
I have worked across professional services, software development, research and evidence-based disciplines in science and technology. I have held various management and sales roles, gained further tertiary qualifications and had experience with cost recovery models at Ernst & Young. This career background has given me a strong appreciation of the business imperatives that drive not-for-profit, public (Local, State and Federal government) and private sector organisations.

What would you do if you weren’t a health librarian?
I would be supporting research in some capacity as learning has always been a driver throughout my career. In my spare time I am a consumer representative on a big data project and I am on a low risk ethics committee – both of which I really enjoy.

What do you consider the main issues affecting health librarianship today?
Issues such as scarce resources, literacy, economic security and cultural conflicts are ubiquitous and do not change from industry to industry. The change is in the approach you choose to take. I would encourage health librarians to understand the priorities of their specific workplace and ask “What can I deliver to support an immediate need?”

What is your greatest achievement?
Team building. I have worked with some awesome librarians during my career and together we have grown and achieved much for our organisations.

What is your favourite non-work activity?
Wine tasting and touring wineries with friends.

What advice would you give to a new member of HLA or a new graduate information professional?
The possibilities in terms of what you can achieve and contribute to your profession are boundless. Be inspired by those around you, listen, learn and know that your imagination is the only limit to your potential.

Anything else you would like to share about yourself?
I have often been told that my passion for what I do is infectious!
## EVENTS TO SUPPORT YOUR PROFESSIONAL DEVELOPMENT

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<th>EVENT</th>
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<td><strong>Key dates to help you plan your professional development calendar for 2019 and 2020 ...</strong></td>
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<td><strong>HLA PD Day</strong>, Monash University, Caulfield Campus</td>
<td>Melbourne</td>
<td>18-19 July</td>
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<td>IFLA World Library and Information Conference (Including Health and Biosciences Libraries Section)</td>
<td>Athens, Greece</td>
<td>24 – 30 August</td>
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<tr>
<td>16th Health Libraries Inc. Conference</td>
<td>Melbourne</td>
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<td>Open Access and Information Services – ALIA Training event</td>
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<td>ICLC - 10th International Clinical Librarians Conference</td>
<td>Manchester, UK</td>
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<td>Association For Health Information And Libraries In Africa (AHILA) - 16th Biennial Conference</td>
<td>Nigeria</td>
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<td>HLA sponsored Julie Glanville Workshops</td>
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<td>ALIA National 2020 Conference</td>
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<td>EAHIL 2020</td>
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**TRAVELLERS TIP**: If you are looking for conferences that you can link in with your travels, keep an eye on the site “International Library Related Conferences” maintained by James Thull, Associate Professor, Special Collections Librarian, Montana State University Library and Marian Dworaczek, Librarian Emeritus University of Saskatchewan Library and original list creator.