

ALIA HEALTH LIBRARIES
AUSTRALIA CONFERENCE 2024

CABOOLTURE HOSPITAL, QLD
AUGUST 29 - 30

**WICKED PROBLEMS;
INNOVATIVE
SOLUTIONS**

**PROGRAM
BOOKLET**



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KEYNOTE ADDRESS #1

AI in Publishing: Transforming Knowledge Dissemination and Scientific Research

Professor Mark Hutchinson, University of Adelaide

The integration of generative AI models into scientific and research publishing is ushering in a new era of knowledge dissemination. This address will explore the transformative potential of AI, with a focus on Retrieval Augmented Generation (RAG) technology, which represents a significant advancement from traditional language models to more sophisticated knowledge models.

We will examine how RAG enables intelligent summarisation and customisation of information, allowing for the delivery of relevant knowledge precisely when and where it's needed. This capability has profound implications for how researchers access, interpret, and utilise scientific literature, potentially accelerating the pace of discovery across disciplines.

The concept of "publications of one" will be introduced, highlighting the shift towards machine-readable formats that facilitate flexible, on-demand content generation. This paradigm shift challenges traditional publishing models and raises important questions about how researchers should approach the creation and structuring of scientific texts.

A critical aspect of this AI revolution is the need for appropriate verification and authentication of content. We will discuss the importance of developing robust systems to distinguish between human-generated and AI-assisted content, proposing potential frameworks for validation and authenticity statements.



KEYNOTE ADDRESS #1

The presentation will also explore the broader implications of AI integration in the research ecosystem, including its potential impact on peer review processes, literature searches, and knowledge synthesis. We will consider how these technologies might reshape research productivity and innovation while addressing concerns about the role of AI in scientific discovery.

The outcome of this is to encourage researchers and information professionals to intentionally and responsibly engage AI tools responsibly and creatively in their work, while maintaining scientific integrity. By addressing these cutting-edge developments, this presentation will aim to provoke thought, stimulate discussion, and provide actionable insights for navigating the rapidly evolving landscape of AI in scientific publishing and research.

Biography

Prof Mark Hutchinson has been recently appointed as the Director of the Institute for Photonics and Advanced Sensing (IPAS). As a Professor of Biomedicine and lead the Neuroimmunopharmacology laboratory at the University of Adelaide, Prof Hutchinson has a strong record of leadership of successful teams. His expertise spans diverse basic science methods for human and animal research, including biomarker identification, multiomics and complex data analytics. He has a strong record of engagement with consumers and industry and an advocacy for their involvement in research. Hutchinson has a strong record of commercial translation between basic science and knowledge utilisation.

Prof Hutchinson has diverse leadership and Ministerial appointments, including being a member of the Prime Minister's National Science and Technology Council, Director of the Australian Research Council Centre of Excellence for Nanoscale BioPhotonics (CNBP), President of the Science and Technology Australia (STA), Members of the ARC Legislative Review, the ARC CEO Advisory Council, and the Australian Economic Accelerator Board.

KEYNOTE ADDRESS #2

Reducing research waste and improving access to quality evidence

Professor Paul Glasziou, Bond University

Without accessible and usable reports, research cannot help patients and their clinicians. The world currently invests over US\$200 billion every year in supporting biomedical research, and this results in an over 1 million research publications annually. This investment in research is laudable. But regardless of who sponsors research, something needs to be done to protect this investment to improve health from the avoidable waste in producing and reporting research. This talk examines the causes and degree of waste occurring at four successive stages: the choice of research questions; the

quality of research design and methods; the adequacy of publication practices; and the quality of reports of research. The estimated losses are roughly 50% loss at stages 2, 3, and 4 implying that the dividends from tens of billions of dollars of investment in research are lost each year because of correctable problems. Some of the problems are readily correctable for a minimal investment.



Biography

Prof Paul Glasziou is Director of the Institute for Evidence-Based Healthcare at Bond University and was the Director of the Centre for Evidence-Based Medicine in Oxford from 2003-2010. His key interests include identifying and removing barriers to using high quality research in everyday clinical practice and improving the clinical impact of research by reducing the more than \$85 billion annual loss from unpublished and unusable research (Chalmers, Glasziou, Lancet 2009). He co-founded the International Society for Evidence-based Health Care and the RACGP's Handbook of Non-Drug Interventions. He has authored over 600 peer-reviewed journal articles and 7 books.

PRESENTATIONS

Presentation 1: Academics and AI: calming the farm

Gabby Lamb, *Monash University*

Recently I met with a student who needed to complete a rapid systematic literature review in 8 weeks. The students can refer to Cochrane Methods and our library's systematic review guide. A review is a difficult task for any novice. But the students were encouraged to use generative AI (Artificial Intelligence) for 'scoping of the topic', but not for extraction or analysis? Whoa! Calm the farm!

My aim is to collaborate with academic teaching staff, putting together some guidance for them to create assessment tasks that embrace AI in a practical way, so that it's feasible for students to understand how:

- 1.To produce systematic types of reviews in short timeframes
- 2.To use suitable AI tools when doing reviews for the first time



Biography

I have 20 years of experience working in university libraries. My skills and knowledge are broad but my key focus is sharing what I know with staff and students. I support Medicine, Nursing, Health Sciences, Pharmacy, and Pharmaceutical Sciences at Monash University. My interests as a librarian range from Open Access, Open Educational Resources, Copyright, Systematic Reviews, Reference Management, and the gamut of tools and resources that support our cohorts and their projects, particularly AI (Artificial Intelligence) supporting reviews. I am experienced in enhancing students' research skills and offer practical advice, in a relaxed and approachable manner. I'm also quite loud.

Presentation 2: Here I am! Making the invisible library visible in a healthcare setting

Lori Korodaj, *Canberra Health Services*

CHS Library and Multimedia supports Canberra Health Services and ACT Health staff in providing evidence-based healthcare and research development at a patient and population health level. Services had been developed in consultation with our clients but further promotion and advocacy was required to entice people into our physical and virtual space. This is our story of how we grew our voice within our organisation, and the positive outcomes (so far) from this outreach.



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After taking part in this session, participants will:

- understand the importance of building networks to increase visibility in their organisation
- take away practical ideas to use in their own settings – as a team and as solo librarians.

Biography

Lori is currently a Senior Client Services Librarian at Canberra Health Services (CHS) Library & Multimedia, and an adjunct lecturer for the School of Information Studies, Charles Sturt University. Lori recently changed sectors after working as a teacher librarian for almost 30 years in Australia and overseas, also leading advocacy/education locally and nationally for school libraries and teacher librarians. Lori has presented and published nationally and internationally on topics such as mentoring, strategic planning, and the importance of library as 'third space' (wellbeing). Lori's passions as a new health librarian: supporting medical staff in their work to find best patient outcomes; and building research capacity in colleagues and medical staff through training and professional learning.

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LinkedIn: [Lori Korodaj](#)

Blog: <https://lorikemusings.wordpress.com/>

Presentation 3: Creating a user-centric library evaluation tool

Jackie Edwards, *Murrumbidgee Local Health District*

Understanding the user's perspective is vital for effective health service delivery. How can we, as library professionals, give our users a voice? How can this voice be recorded and presented? Can we create an evaluation tool that reflects users' needs to key decision-makers in our organisations? MLHD Library embarked on a User Journeys project mid-2023. We observed and recorded the journeys, feelings and "thinking out loud" of participants. The main objective was to create a user-centric evaluation process that can be replicated. Additionally, we aimed to create a visual tool to demonstrate critical issues to our colleagues, directors, vendors, and IT staff.



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Biography

I am Library Manager at Murrumbidgee Local Health District based at Wagga Base Hospital. I have extensive experience in both health and University libraries. I support MLHD staff and affiliated students from UNSW Rural Medical School and CSU School of Rural Medicine. My interests include user experience, eHealth resources and authentic learning. My current position involves developing teaching resources for health care professionals.

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Presentation 4: Developing an evidence-based practice training syllabus to support EBP in a healthcare setting

Keren Moskal, *Monash Health*

This presentation will explore Monash Health Library's journey in developing a comprehensive research skills training framework, a project that was supported by the ALIA HLA Anne Harrison Award. Keren will discuss the development of a robust set of core modules, designed to enhance the application of evidence-based practice in a healthcare setting, and the necessary pivot to incorporating digital technology training to meet its learners' needs. To compliment core research skills, a set of special series modules have been developed on AI search tools and writing and publishing. Recognising the need for flexible learning, Monash Health Library have incorporated webinars, special series discipline specific custom training and on-demand training options into the framework. Join Keren as she shares the library's progress, achievements and lessons learnt in the development of the research skills training framework.



Biography

Keren is a Clinical Librarian with a focus on delivering training and education programs in evidence-based practice, as well as information and digital literacy. Keren supports lifelong learning at Monash Health by collaborating with other departments to develop customised group training sessions. She is committed to delivering high-quality health information to support patient care, education, and research. In addition, Keren sits on the VALA committee, is co-founder of the Hospital Librarians Community of Practice, and recipient of the 2022 ALIA HLA Anne Harrison Award for her project developing EBP training for Healthcare Libraries.

PRESENTATIONS

Presentation 5: Time to set a standard for the Standards

Gemma Siemensma, *Grampians Heath*

Health libraries play a critical role in supporting medical training in Australia. Accreditation is an important means of ensuring a program of study and the education provider suitably equips trainees with the knowledge, skills and professional attributes necessary to practise in the profession. This study identifies a lack of consistency and specificity in Australian medical colleges accreditation requirements as they pertain to health libraries. The recommended accreditation standard developed in this study provides a benchmark for training providers that will ensure consistency of access to high-quality library collections, services and spaces for all medical trainees.



Biography

Gemma Siemensma is the Library Manager at Grampians Health. Her work interests relate to research, knowledge sharing and the integration of library resources for seamless access. In this role she ensures that health information is accessible across the health service so that evidence based information is used to help deliver the best clinical outcomes. Her work also focuses on making the library an integral part of the organisation by looking for ways to position the library in non-traditional library spaces highlighting the value health libraries can bring to a clinical area. Gemma is Convenor of ALIA Health Libraries Australia.

Two Doctors and a Librarian: a conversation

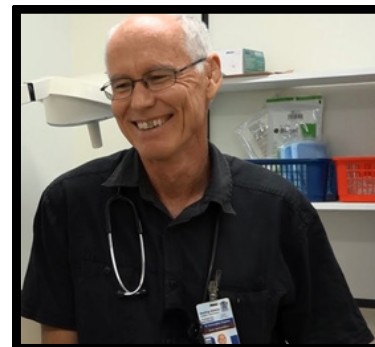
Daniel McDonald, *Toowoomba Hospital*
with Dr. John Gillett & Dr. Chris Hegerty

Dr John Gillett and Dr Chris Hegerty have extensive experience as rural physicians in Southern Queensland. Later in their careers both have pursued research questions, drawn from clinical experience, with particular zeal, including publishing primary research articles in peer-reviewed journals. Both doctors have used the Darling Downs Health library to support their research efforts. This conversation will range across a number of themes,



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including the challenges and rewards of practitioner-led research, the importance of evidence-based practice in rural medicine, and how health libraries can support clinicians to answer important questions.



Biography

Daniel McDonald is librarian for Darling Downs Health, based at the Toowoomba Hospital. He is also editor of the “Journal of Health Information and Libraries Australasia”, and hosts the occasional podcast “Shoosh”. In 2022 he was awarded Queensland Library Achiever of the Year.

Review of HLA's Competencies (2018)

Ann Ritchie

This short presentation will introduce the Review, which aims to update the 2018 HLA Competencies <https://read.alia.org.au/alia-hla-competencies> to support continuous improvement of standards of professional practice for the health library workforce. The Review also seeks to align the HLA Competencies with ALIA's new Framework of Skills, Knowledge and Ethics for the LIS Workforce (2024) <https://www.alia.org.au/Web/Web/Careers/LIS-Framework-Pathways-Project/LIS-Workforce-Framework.aspx> which was developed as part of the Professional Pathways (2020-23) project.



The Review will be undertaken with the assistance of a broadly representative Reference Group, who will advise on all aspects of the content and coverage. We will be meeting for the first time on Friday 30th August, and will be open to observers. The Review aims to consult with all sectors of the health library profession - so please look out for opportunities to have your say.

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Biography

Ann Ritchie has more than 30 years experience in health library and information services, based mainly in WA, NT, ACT, and Victoria, in local, national and international roles. I have been involved with HLA and ALIA for my whole career, including a number of years as HLA's Convenor, Executive Member, and in the role of National Manager.

Now a Consultant Librarian, specialising in health and special library reviews, with expertise in:

- Health library and information services leadership and management
- Research, program and performance evaluation
- Strategic and marketing planning
- Aligning library services with organisational business
- Policy, standards, operations and services development
- Health literacy strategy development
- Editing and publishing advisory services
- Mentoring program management

WORKSHOP

NSQHS Standards - Accreditation checklist workshop

Michele Gaca

The eight NSQHS standards are the assessment criteria that ensures our hospitals provide a high-quality healthcare service to their patients through obtaining accreditation. Hospital libraries play a key support role in ensuring quality evidence-based practices are continually undertaken. Based on the HeLiNS research findings, ALIA HLA have undertaken this project to help provide a tool that may be utilised, modified, adopted to communicate and promote the significant contribution hospital libraries make to support hospital accreditation.



Biography

Michele Gaca currently holds the role of National Manager HLA, ALIA. Her career focus is to build services that encourage people to continue to learn, grow and be challenged. Michele also holds roles with a number of research centres as an Informationist (Honorary Fellow) University of Melbourne & Austin Health. In 2023, Michele initiated and convenes the ALIA HLA, AI HLIS Community of Practice.