

COURSES MAPPED TO COMPETENCIES

COURSE or STUDY PROGRAM or PD EVENT	COMPETENCY	WHEN OFFERED	COST	PROVIDER	MODE	DETAILS	DURATION	URL
Medical Library Association - Professional Development	Varies	Varies	Varies. ALIA members are entitled to MLA member prices	Medical Library Association - USA	Varies	MLA host many webinars and online courses, along with more traditional land based classes and workshops. All of them are focused on health librarianship. Follow the link to a list of current courses	Varies	http://www.medlib-ed.org/catalogs/mla-webinars
10th International Clinical Librarian Conference	Varies	Manchester UK Science and Industry Museum 3rd to 4th October 2019	£250	Clinical Librarian team at University Hospitals of Leicester NHS Trust (UHL)	Conference	TBC	2 days	http://www.uhl-library.nhs.uk/iclc/index.html
Library Juice Academy	Varies	Varies	US\$ 175-250.	Library Juice Academy	Online asynchronous	LBJ offers a range of online professional development workshops for librarians and other library staff, focusing on practical topics to build new skills	Varies	http://libraryjuiceacademy.com/courses.php
Web Junction - the learning place for libraries	Varies	Anytime	Free	OCLC Research	current and archived webinars and resources	WebJunction hosts free live webinars that are open to all. Each session covers a high-interest library topic presented by real-world practitioners and experts. Register to attend upcoming webinars, and view past webinar recordings. Topics include consumer health information, advocacy, budgeting, technology, staff training...	Varies	http://www.webjunction.org/
National Network of Libraries of Medicine Webinars - based in the USA.	Varies	Varies	Varies	National Network of Libraries of Medicine	Online	A list of upcoming NNLM training opportunities. Attendance by international librarians is at the discretion of Instructor.	Varies	http://nnlm.gov/training-schedule
Coursera - Medicine & Healthcare	Varies	Varies	Free	Coursera	Online MOOCs	Coursera provides universal access to the world's best education, partnering with top universities and organizations to offer courses online.	Varies	https://www.coursera.org/browse/life-sciences/medicine-and-healthcare?languages=en
Digital Health Information Services (updates Health Librarianship Essentials). HLTH90020	1,2,3,4,5,6,7	Semester 2, 29/7/19 - 27/10/19	\$1,644 - \$2,732	ALIA HLA and University of Melbourne's Health and Biomedical Informatics Centre	Online	This is a rigorous and rewarding 12-week fully online program for aspiring health information professionals, for experienced health librarians wanting to update their skills in the contemporary digital health setting, or for students seeking an elective in related health or health information courses. Modules include essential content on e-health in Australia, digital health information sources, evidence-based practice, and knowledge management and health data technologies. The course is led by a team of experienced educators and industry professionals. You can complete the optional assessment for academic credit, or choose to receive a Certificate of Completion. PD points for professional accreditation are also awarded		http://go.unimelb.edu.au/56y6
Clinical Information Course (CLINICOS)	1	Anytime	Free	FOLIO – Facilitated Online Learning as an Interactive Opportunity	Online archived	The aim of this course is to provide participants with a broad knowledge of the clinical application of information in modern health care organisations	self paced	http://foliozclinicos.pbworks.com/w/page/6853937/FrontPage
Health in Australia: a quick guide	1	Anytime	Free	Canberra: Parliamentary Library, 2018	Online	Gives an overview of the responsibilities of national and state governments, the role of private health insurance, health care spending, workforce data, and Australia's rank in global health indicators. Provides links to detailed sources.	Self-paced	https://www.aph.gov.au/About_Parliament/Parliamentary_Departments/Parliamentary_Library/pubs/rp/rp1819/Quick_Guides/HealthAust
The Science of Health Care Delivery	1	Anytime	Free	The Mayo Clinic and Arizona State University Alliance for Health Care - Coursera	Online	Explores key concepts in the Science of Health Care Delivery and why it is critically important to future patient care.	2 hours	https://www.coursera.org/learn/science-healthcare-delivery#syllabus
Understanding the Australian Health Care System	1	Anytime	Free	University of Queensland	Online	This course will enable you to understand the workings of the Australian health care system. By following in the footsteps of patient journeys, you will gain an experiential understanding of how this multi-layered system operates in the context of the geographic, social and cultural landscapes of Australia and how to successfully navigate within this system	self paced	https://www.edx.org/course/understanding-australian-health-care-ugx-health101x-0

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Breaking out of the box – Extending the health LIS professional role (BREAKOUT)	1,8	Anytime	Free	FOLIO – Facilitated Online Learning as an Interactive Opportunity	Online	Archived wiki site for 2006 FOLIO course, no instructor input at present time. Discusses new and extended health library roles; includes techniques for developing personal skills to transition to new roles.	Self-paced; 7-week schedule.	http://breakout.pbworks.com/w/page/9135315/FrontPage
BSBMED301B Interpret and apply medical terminology appropriately	2	Anytime	\$147	AQT	Online	Learn how to decipher medical acronyms and clinical notes used in medical practices, dental surgeries, pathology collection centres and radiology clinics. Whether your job involves data entry or reception work, this course will be a great asset to you.	Self-paced 6 hours	https://australianqualificationtraining.com.au/BSBMED301-Interpret_and_apply_medical_terminology_appropriately.php
Ebsco Support tutorials	2	Anytime	Free	Ebsco	Online	18 short tutorials for hospital and medical audiences, showing features and search techniques for products using the EbscoHost interface.	Varies – 4 min to 10 mins each.	http://support.ebsco.com/tutorials/
Systematic approaches to searching the health sciences literature	2	Anytime	Free	Cushing/Whitney Medical Library, Yale University	Online	A series of 9 video tutorials prepared in 2013 showing fundamental steps to search health databases systematically, resulting in a search that is comprehensive and reproducible. Examples use PubMed, Ovid, Web of Science and Scopus.	Self-paced. Each video is approx. 10 mins.	http://library.medicine.yale.edu/tutorials/subjects/systematic-reviews
Smart Searching modules	2	Anytime	Free	CareSearch, Flinders Filters	Online	This site offers tips derived from the methodology used at CareSearch and Flinders Filters to create validated search filters. The method takes a mathematical and logical approach to the words within a search strategy. It is designed for library and information professionals and researchers to improve existing searching skills.	Self-paced	https://sites.google.com/site/smartssearchinglogical/home
Cochrane handbook for systematic reviews of interventions	2	Anytime	Free	Higgins JPT, Green S (editors), published by the Cochrane Collaboration	Online	The Handbook is the official guide for authors preparing Cochrane reviews. The website version is updated regularly.	Self-paced	http://community.cochrane.org/handbook
PubMed - Chapter from the NCBI Handbook, 2nd ed. 2013	2	Anytime	Free	NCBI - National Center for Biotechnology Information	Online	A concise guide to the PubMed database, describing journal selection, data input, indexing, linking. Shows detailed steps for processing search queries.	Self-paced	http://www.ncbi.nlm.nih.gov/books/n/handbook2e/PubMed/
HTA 101: Introduction to health technology assessment	2	Anytime	Free	US National Information Center on Health Services Research and Health Care Technology	Online	This course gives health librarians a foundation in health technology assessment, including the integral step of locating relevant literature.	Self-paced	http://www.nlm.nih.gov/nichsr/hta101/ta10103.html
Systematic Reviews SIG Monthly Discussion Group	2	Monthly	Free	Medical Library Association Systematic Reviews Special Interest Group.	Online discussion	This monthly discussion group is a part of the Medical Library Association Systematic Reviews Special Interest Group.	1 hour	https://rsrig.wordpress.com/
Reviews: Systematic Reviews and more...	2	Anytime	Free	HLA	Online	Links to the presentations and workshops from the 2017 HLA PD days in Perth.	Self-paced	https://www.alia.org.au/sites/default/files/documents/HLA%20PD%20Day%20Program_310717_2.pdf
Speaking systematics – primer on systematic reviews	2	Anytime	Free	Health Libraries Australia	Online	HLA 2012 seminar which covered systematic reviews, and the role of health librarians in the SR team. Slides and audio files are available at the site.	Self-paced	http://hla2012.blogspot.com.au/2012/03/health-libraries-australia-hla.html
Medical terminology course	2	Anytime	Free	Des Moines University	Online	This is a starter 'mini-course' which teaches the basic concepts of medical language, looks at main body systems, and explores eponyms and generic drug groups. Quizzes are included. [Note US spelling is used.]	Self-paced	http://www.dmu.edu/medterms/
NLM online training	2	Anytime	Free	NCBI - National Center for Biotechnology Information	Online	Resources include a detailed tutorial on using PubMed, videos and tutorial on Medical Subject headings, searching chemicals and drugs in PubMed.	Self-paced	http://www.nlm.nih.gov/bsd/dist_edu.html
EndNote Training	2	Anytime	Free	EndNote	online	Sharpen your EndNote research and writing skills with video tutorials	self paced	https://www.youtube.com/user/EndNoteTraining
Life after desk: Implementing the new service models	2	Anytime	Free	InfoPeople	Online	This 2013 webinar discusses new models to provide enquiry and research services at point of need, such as blended service points, roaming staff, info booths etc. Gives advice on involving library staff and assessing the worth of these initiatives.	One hour	https://infopeople.org/civicrm/event/info?reset=1&id=266
PubMed Online Training	2	Anytime	Free	National Library of Medicine	Online	tutorials, tours, webcasts and videos	varies	https://www.nlm.nih.gov/bsd/disted/pubmed.html
Introduction to evidence-based practice. Online tutorial.	2,7	Anytime	Free	Duke University Medical Centre Library	Online	A self-paced tutorial which shows how to compose a well-built clinical question, devise effective search strategies in PubMed, and identify criteria to judge the validity of a study.	One hour + practice cases	http://guides.mclibrary.duke.edu/ebmtutorial

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Answering clinical questions	2,7	Anytime	Free	Univ of Western Australia Faculty of Medicine, Dentistry and Health Sciences	Online	Tutorial in four modules illustrating the UWA approach to evidence-based practice : Formulating a clinical question, finding evidence, appraising evidence, applying the evidence.	Four 1-hour modules	http://www.meddent.uwa.edu.au/teaching/acq
Responsible literature searching update	2,7	Anytime	Free	University of Pittsburgh Health Sciences Library	Online	This annually-updated online module is aimed at those involved in biomedical research. Covers search process, major resources, limitations, role of librarians, and issues for topics such as drug safety and identification of adverse events.	Self-paced 9-unit course	https://cme.hs.pitt.edu/ISER/servlet/IteachControllerServlet?actiontotake=loadmodule&moduleid=8381
Understanding evidence-based healthcare: A foundation for action	2,7	Anytime	Free	US Cochrane Center	Online	A web course aimed at consumer advocates which discusses the basic EBHC concepts and skills. Participants are expected to submit evaluation forms for each module completed.	Six 1-hour modules	https://training.cochrane.org/resource/understanding-evidence-based-healthcare-foundation-action
Ovid webcasts	2,7	Anytime	Free	Wolters Kluwer Health	Online	Archive of webcasts discussing health information skills and sources – most presenters are academics, with moderation by an Ovid/WKH representative.	Varies – 30 mins to one hour each	http://resourcecenter.ovid.com/site/resources/library_webcasts_archive.jsp
Online information literacy tutorial	2,7	Anytime	Free	Cranfield University	Online	Nine-part interactive tutorial covering research techniques, online searching, data management, synthesising and publishing new information.	Self-paced	http://www.cranfield.ac.uk/about/people-and-resources/external-services/library/online-information-literacy-tutorial.html
Cochrane Learning Live	2,7	Anytime	Free	Cochrane	A program of live and archived webinars	Cochrane Learning Live is a series of monthly webinars aimed at anyone interested in learning skills or gaining knowledge and experience relating to Cochrane activities. The series is managed by Cochrane's Learning and Support Department. The webinars are open to anyone wanting to learn in the Cochrane environment, be they complete beginners or seasoned experts.	40 - 60 mins	http://training.cochrane.org/cochrane-learning-live
JBI Comprehensive Systematic Review Training Program - short courses	2,7	Varies throughout 2019	\$390 - \$1,820	JBI Education and Flinders University	Workshop	The JBI Comprehensive Systematic Review Training Program is designed to prepare researchers and clinicians to develop, conduct and report comprehensive systematic reviews of evidence following the Joanna Briggs Institute approach and using the Joanna Briggs Institute SUMARI software. Learn how to conduct systematic reviews of qualitative and quantitative evidence. Certified reviewers may become authorised reviewers in the Institute's peer reviewed journal, The JBI Database of Systematic Reviews and Implementation Reports (JBISIRIR), which is indexed in Embase, Scopus, Mosby's Index (Elsevier), CINAHL (EBSCO) and Medline. This is a one, three or five day program depending on your research needs or area of interest.	1-5 days	http://joannabriggs.org/jbi-education.html
Finding and Using Health Statistics	2,7	Anytime	Free	National Library of Medicine	Online	This course for librarians and students in health sciences describes different types of health statistics, how they are collected, and where they can be found.	self-paced	https://www.nlm.nih.gov/nichsr/stats_tutorial/cover.html
Copyright for librarians	3	Anytime	Free	Australian Copyright Council	Online	A collection of copyright resources for librarians		http://www.copyright.org.au/acc_prod/ACC/Browse_by_What_You_Do/Librarians_Archivists.aspx
Role of the librarian in an open access world	3	Anytime	Free	ACRL/Choice	Online	Discusses open access from the perspectives of the librarian, researcher and publisher. Program recorded in October 2013.	40 mins	https://www.youtube.com/watch?v=cYTqpk4TCOQ
Controlled vocabulary and thesaurus design trainee manual	3	Anytime	Free	ALCTS Program for Cooperative Cataloguing and Library of Congress Cataloger's Learning Workshop	Online	Course discussed basic principles for design of controlled vocabularies, and illustrates how to implement these. It comprises eight sessions on thesaurus concepts, display, navigation and maintenance.	Self-paced	http://www.loc.gov/catworkshop/courses/thesaurus/pdf/control-vocab-thes-trnee-manual.pdf
Institutional Repositories	3	Anytime	Free	ALCTS - Association for Library Collections and Technical Services	Webinars	A playlist of 18 ALCTS webinars on institutional repositories	self-paced	https://www.youtube.com/playlist?list=PL8DFE994EE443BC8CF

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Mantra – Research data management training	3	Anytime	Free	Edina - Edinburgh Univ Data Library	Online	Course teaching good practice in management of research (particularly digital) data. Discusses data management plans, use of software packages, data storage, transport, organisation, and sharing. Includes teaching notes.	Eight 1-hour units, and four data handling pracs.	http://dataib.edina.ac.uk/mantra/
D61+ LIVE	7	2-3 Oct Sydney 2019	Free	CSIRO	forum and exhibition	Hosting over 2,000 attendees over two days, D61+LIVE will showcase 40+ data science and technology innovations, feature 50+ international and local speakers and offer a range of masterclass opportunities sparking curiosity around emerging tech and how it is being applied in different contexts.	2 days	https://d61live.csiro.au/about/
23 Research Data Things	3	Anytime	Free	Australian National Data Service	Online	23 (research data) Things is self-directed learning for anybody who wants to know more about research data.	self-paced	http://www.ands.org.au/partners-and-communities/23-research-data-things
Top 10 research data Things for medicine and health	3	Anytime	Free	Australian National Data Service	Online	Top 10 research data Things for medicine and health is an opportunity to explore issues surrounding management of research data, specifically for people working with medical, clinical and health data	Self-paced	http://www.ands.org.au/partners-and-communities/23-research-data-things/10-medical-and-health-things
New England Collaborative Data Management Curriculum	3	Anytime	Free	Lamar Soutter Library, Univ of Massachusetts on behalf of the Collaborative	Online	This program teaches data management best practices for health sciences and related disciplines. It comprises six modules plus a range of research cases. Modules can be taken separately or as a whole. Includes teaching notes.	Six 1-hour modules	http://library.umassmed.edu/necdmc/index
Medical Subject Headings : A Tutorial	3	Anytime	Free	National Library of Medicine	Online	This brief tutorial is designed to help you: <ul style="list-style-type: none"> •Understand the purpose and structure of the Medical Subject Headings (MeSH) and •Use MeSH to search MEDLINE®/PubMed® for medical literature and information. 	Self-paced	https://www.nlm.nih.gov/bsd/disted/mesh/tutorial/introduction/index.html
Health and Medical Data "Short Bite" Lunchtime webinars	3	Anytime	Free	Australian National Data Service (ANDS)	Webinars	These webinars are part of a series of national activities discussing issues around Health and Medical data, and which aim to support better management and publication of Health and Medical data. ANDS has an extensive range of materials, guides, exemplars and published medical and Health datasets to support research and clinical trials.	30 mins	http://www.ands.org.au/working-with-data/sensitive-data/medical-and-health/webinars-health-and-medical
NISO webinars (National Information Standards Organization)	3,5	Anytime	Varies	NISO – National Information Standards Organisation	Online	Webinars covering a range of data curation and information management topics. There is a registration charge to sign up for each webinar; however the slides and partial transcript are viewable on the NISO site after the event.		https://www.niso.org/events
How librarians can help researchers navigate open access choices	3,7	Anytime	Free	Elsevier	Online	Covers tools to assess quality of open access journals, ethical questions in OA publishing, institutional repositories, discoverability.	60 mins	https://www.elsevier.com/connect/Webinar-How-librarians-can-help-researchers-navigate-open-access-choices
Managing change for health information professionals	4	Anytime	Free	FOLIO – Facilitated Online Learning as an Interactive Opportunity	Online	Archived wiki site for 2004 FOLIO course, no instructor input at present time. Course teaches skills and knowledge to understand the process of planned change and manage its impact on library staff and services.	Self-paced; course content was scheduled over 6 weeks	http://mchip.pbworks.com/w/page/27395281/FrontPage
Plan to Succeed: The Basics of Library Project Management	4	Anytime	\$65.00 US ALIA members get MLA prices	MLA	Online	By the end of the webinar, you will be able to <ul style="list-style-type: none"> •Explain the project management life cycle •Describe common project pitfalls •Describe key project management tools •Explain how to build and manage successful project teams •Identify critical communication strategies necessary for project management 	1.5 hours	http://www.medlib-ed.org/products/1761/plan-to-succeed-the-basics-of-library-project-management-recording
Motivating Your Staff: Strategies for Supervisors	4	Anytime	Free, you will need to fill in an online form	Infopeople provides library staff quality continuing education opportunities that are tailored to library needs and developed by experienced library professionals.	Webinar	Would you like to learn new methods of encouraging and inspiring motivation in your staff? Understanding what motivation is and how it works, is a critical management and leadership skill. This one hour webinar will explore the application of Herzberg's Motivation-Hygiene Theory (also known as Herzberg's Two Factor Theory).	1 hr	https://infopeople.org/civircm/event/info?reset=1&id=783

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Demonstrating Library Impact with Data	4	Anytime	Free, you will need to fill in an online form	Infopeople provides library staff quality continuing education opportunities that are tailored to library needs and developed by experienced library professionals.	Webinar	In this hour-long webinar, you'll learn how to develop and implement an outcomes-based evaluation framework that is easy to manage and makes sense for your library. You'll get the tools to design a logic model that will guide your data collection and set targets to show your success and inform learning. After attending this webinar, you'll feel confident that you can use evaluation to improve your programs and services and report on impact in your community.	1 hr	https://infopeople.org/civicrm/event/info?id=772&reset=1
Statistics Toolbox	4	Anytime	Free	NHS Health Education England	Online	This Toolbox has been developed, together with a recommended supplementary dataset, to enable Library and Knowledge Services (LKS) staff to collect local staffing, financial and activity data and make effective use of this for service improvement and reporting to stakeholders.	Self-paced	https://kfh.libraryservices.nhs.uk/statistics-toolbox/
Maximising the impact of your service (Maxim)	4	Anytime	Free	FOLIO – Facilitated Online Learning as an Interactive Opportunity	Online	Archived wiki site for 2009 FOLIO course, no instructor support at present time. Covers the concepts of impact in delivering health information and library services, assessing users needs, measuring value of services, presenting impact data.	Self-paced course scheduled over 8 weeks	http://foliomaxim.pbworks.com/w/page/6853635/FrontPage
Interprofessional Healthcare Informatics	5	Anytime	Free	University of Minnesota	MOOC Coursera	Examine theories and frameworks for interprofessional healthcare informatics. Describe the role of standards in electronic health records. Analyze benefits and issues related to electronic health records. Relate informatics to evidence-based practice, decision support, and quality improvement. Describe eScience and new research enabled by big data. Describe ethical implications of interprofessional healthcare informatics	Self Paced	https://www.class-central.com/mooc/657/coursera-interprofessional-healthcare-informatics
LinkOut for Libraries	5	Anytime	Free	National Library of Medicine	Recorded Webinar	Allows libraries to share their holdings with users by placing an icon on citations in PubMed	35 mins	https://www.nlm.nih.gov/bsd/disted/linkout_for_libraries/consolidationwebinar.html
Certified Health Informatician Australasia examination	5	On demand	ACHI/HISA or HIMAA members \$398, non-members \$510	Health Informatics Society of Australia (HISA), Health Information Management Association of Australia (HIMAA), and Australasian College of Health Informatics	Online examination following self-directed learning	Certification provides recognition of health informatics knowledge and skills. Candidates require an undergraduate degree plus experience working in a health information role.	Self-paced	www.healthinformaticscertification.com
Health Informatics MOOC	5	Anytime	Free	Developed by a group of US universities under contract to the US government.	Online	Consists of 20 courses, each presented as an online lecture with discussion. Content includes health IT systems, EHRs, standards, project management, and training.	Self-paced	www.healthinformaticsforum.com/MOOC
Trends and Advancements for Library Resource Discovery	5	Anytime	Free	Association for Library Collections & Technical Services	Online	Working with continuing resources: emerging trends and advancements for library resource discovery - Marshall Breeding	1 hour	https://www.youtube.com/watch?v=qgwtfxFyu2A
RDMRose - Research data management for information professionals	5	Anytime	Free	Universities of Leeds, Sheffield and York	Online	Comprises 8 sessions covering the nature of research activities, data arising from research, and the roles of libraries and information professionals in managing research data.	Self-paced	http://rdmrose.group.shef.ac.uk/
The IFLA Internet Governance Guide for Libraries	5	Anytime	Free	International Federation of Library Associations	Online	Provides a basic understanding of Internet Governance issues, covering topics which are essential to the work of libraries, including public access, censorship, digital rights, freedom of expression, and net neutrality, amongst others are essential to the work of libraries	Self-paced	https://www.ifla.org/publications/node/91768?og=30
Protecting Your Online Privacy: Risks And Strategies	5	Anytime	Free, you will need to fill in an online form	Infopeople provides library staff quality continuing education opportunities that are tailored to library needs and developed by experienced library professionals.	Webinar	The topic of online privacy is growing in importance as people realize the long-term ramifications of not being privacy-aware. This webinar will cover why protecting one's online privacy is now so critical and what can happen when one doesn't. We'll also look at various concrete methods and tools you can use to help insure online privacy as much as possible. This webinar will be of interest to: Library staff wanting to learn more about privacy issues for either themselves or for library users.	1 hr	https://infopeople.org/civicrm/event/info?id=728&reset=1

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Health indicators	5,7	Anytime	Free	National Library of Medicine & Medical Library Association	Online	Provides a general overview of health indicators, reviews a country-level indicator project, shows how librarians can use health indicator data and refers to projects where indicators have been used. Recorded in 2009.	Four 1-hour webinars	http://www.nlm.nih.gov/nichsr/healthindicators/
23 Mobile Things	5,8	Anytime	Free	Developed by Jan Holmquist, adapted for Australia by Mylee Joseph and Kathryn Barwick	Online	This hands-on program explores the ways that library staff can use mobile technologies to deliver library services, and for their own professional development. The activities use apps and tools for both Android and iOS platforms.	Self-paced	http://23mobilethings.net/wpress/
Prescription for Information: Addressing health information literacy	6	Anytime	ALIA members pay MLA member rate	MLA course (funded by National Library of Medicine)	Online	This tutorial looks at the challenges posed for patients by limited health literacy, discusses librarians' strategies for providing consumer health information resources and services.	Self-paced	https://slideplayer.com/slide/10504074/
MedlinePlus: Power searching for hidden treasures	6	Anytime	Free	Infopeople - presenter is Kelli Ham	Online	Webinar showing search techniques to answer a range of consumer health questions using MedlinePlus and extending into PubMed for complex queries.	One hour	https://infopeople.org/civicrm/event/info?reset=1&id=421
Health and wellness @ the library: The essentials of providing consumer health service	6	Contact course provider for next dates	ALIA members pay MLA member rate	MLA course - Instructor is Kelli Ham, UCLA Biomedical Library, Los Angeles.	Online	Course covers key skills required to provide unbiased consumer health information services. Additional focus is given to locating health statistics and indicators that detail the community's health status and information needs.	Four 1-hour webinars	http://www.medlib-ed.org/products/1311/health-and-wellness-the-library-the-essentials-of-providing-consumer-health-services
Finding health and wellness @ the library: a consumer health toolkit for library staff	6	Anytime	Free	InfoPeople – presenter is Kelli Ham	Online	This webinar introduces the core competencies, collection guidelines, training resources and promotional materials that are used in the toolkit, to help library staff provide quality consumer health services.	One hour	https://infopeople.org/civicrm/event/info?id=213&reset=1
Operation Health: Resources for veterans and their families	6	Anytime	Free	InfoPeople	Online	Archived webinar discussing information resources and library services for military personnel, their families and carers. [Points to some US-centric materials]	One hour	https://infopeople.org/civicrm/event/info?reset=1&id=98
Designing and delivering information skills training (InfoSkills)	6	Anytime	Free	FOLIO – Facilitated Online Learning as an Interactive Opportunity	Online	Archived wiki site for 2010 FOLIO course, no instructor input at present time. Course covers key principles and techniques for preparing and delivering training in information literacy skills.	Self-paced; content arranged in an 8-week schedule.	http://infoskillsuk.pbworks.com/w/page/19931239/FrontPage
Designing adult learning for results	6	Anytime	Free	Staff Development Unit, Broward County, Florida	Online	This tutorial describes how to design and evaluate a staff development module using adult learning principles.	Six self-paced units	http://etc.usf.edu/broward/
How to Present a Webinar	6	Anytime	Free	Association for Library Collections & Technical Services	Online	An archived webinar on the on the ALCTS YouTube Channel	1 hour	https://www.youtube.com/watch?v=pXYeHux2pv8
Introduction to online pedagogy	6	Anytime	Free	WISE Pedagogy Initiative	Online	Archived site for a read-only 2011 training workshop for professionals wanting to learn how to teach online. Covers online course design, communication and engagement with students online.	Self-paced	http://introductiononlinepedagogy.pbworks.com/
Information Literacy Education	6	Varies	Varies	Inquiring Teachers Andrea Baer, Ph.D	Online	In a small online community participants learn about pedagogical theories and practices relevant to information literacy education, while also developing an instruction plan for their unique teaching contexts. Throughout these courses participants provide one another with feedback and receive individualized feedback from the instructor.	Varies	https://inquiringteachers.com/courses/
ACRL Scholarly Communication Toolkit	7	Anytime	Free	Association of College & Research Libraries	Online	The toolkit is an educational resource primarily directed to librarians to assist them with: 1.integrating a scholarly communication perspective into library operations and programs and 2.preparing presentations on scholarly communication issues for administrators, faculty, staff, students, or other librarians. The Toolkit includes short overview essays on key scholarly communication issues and highly selective lists of other sources of information on these topics, and copies of presentations, handouts, and similar material	self paced	http://acrl.libguides.com/scholcomm/toolkit
Critical appraisal online course	7	Anytime	From \$A108 for 30 days' access	Critical Appraisal Company	Online	Teaches the steps of critically appraising clinical research publications, in 27 segments.	Eight hours	http://www.criticalappraisal.com/online-course/introduction

COURSES MAPPED TO COMPETENCIES

COURSE or STUDY PROGRAM or PD EVENT	COMPETENCY	WHEN OFFERED	COST	PROVIDER	MODE	DETAILS	DURATION	URL
Evidence Summaries writing for EBLIP journal	7	EOIs issued as required	Voluntary	Evidence Based Library and Information Practice EBLIP journal	Online	Volunteer writers are regularly sought to critically appraise specific research articles in information science. Contributors agree to write two evidence summaries per year, for two years. Address Expressions of interest to the Associate Editor, EBLIP.	2-year commit-ment	https://journals.library.ualberta.ca/ebliip/index.php/EBLIP
Repository of ongoing training in journalology	7	Anytime	Varies	Compiled by World Association of Medical Editors.	Online	Comprises a list of 150 ongoing training events for writers and editors of health journals, aimed at improving quality of published studies.	Self-paced	http://wame.org/repository-of-ongoing-training-opportunities-in-journalology
Research to Publication	7	Anytime	Varies	BMJ Initiative with University of California	Online	six courses with 48 modules lasting more than 200 hours—everything from developing good research questions and the best and most ethical study designs (given local circumstances), through to reporting studies accurately and understanding what editors and peer reviewers are really looking for.	Self-paced	https://rtop.bmj.com/
NHMRC eLearning Modules	7	Anytime	Free	National Health and Medical Research Council	Online	These modules provide an introduction to the clinical trials environment, clinical research ethics and ethical review and research governance processes. Module 1 Clinical Trials Environment in Australia Module 2 Ethical Issues related to Clinical Trials Module 3 Research Governance related to Clinical Trials	Self-paced	https://www.australianclinicaltrials.gov.au/nhmrc-elearning-modules
The Librarian as Scholar: Taking Part in Scholarly Communication	7	Contact the provider	\$175 US	Library Juice academy	Online	The majority of the course will focus on peer-reviewed journals, and will walk students through the submission process. Students will go through the process of selecting a journal to submit an article to, read and prepare sample reviews, walk through the steps of preparing a completed manuscript for a journal, and get an overview of how to respond to reviewer comments when making revisions. In the last week of the course, we will cover the process of writing an abstract for a conference presentation. Students can bring in a completed manuscript and abstract of their own to use for projects, or they can use a sample manuscript and abstract provided by the instructor	4 weeks	http://libraryjuiceacademy.com/050-librarian-scholar.php
Australian Evidence Based Practice Librarians' Institute	7,2	Nov 2019, University of Auckland Libraries and Learning Services Te Tumu Herenga	NZ\$2,000 which includes all accommodation, meals and tuition	Australian Evidence Based Practice Librarians' Institute	Large group lectures and small group interactive sessions for practising concepts covered in the large groups	Introduction to EBP, including research study design, with a focus on searching and advanced topics related to systematic reviews. The program will include the following: PICO and study design; Medline/PubMed expert searching; peer review of searches; filters and text mining; grey literature; critical appraisal of therapy studies; overview of qualitative studies; critical appraisal of systematic reviews; and interpreting Forest plots	4 days	https://sites.google.com/site/australianeblip/home
Using Twitter for professional development	8	Anytime	Free	Infopeople - presenter Francisca Goldsmith	Online	Discusses the use of Twitter as a 'goldmine' of PD resources, and shows how to manage social media as PD tools. Archived webinar includes speaker's slides, handout and discussion.	Self-paced	https://www.infopeople.org/civrcm/event/info?reset=1&id=401
HLA twitter chat	8	Monthly starting Feb 2018	Free	HLA the tag is #HealthLibsAust	Online	Twitter chats are organised Twitter meetups set at a definite day and time. These chats use a dedicated hashtag that links all tweet messages together. Twitter chat topics are planned in advance with a moderator to guide the conversation and sometimes guests are invited	1 hour	https://twitter.com/healthlibsaust
Certified Professional Health specialisation program	8	Varies	Free	Health Libraries Australia ALIA	online	HLA aims to help health library staff to identify courses and learning programs that will contribute to their professional development, and if desired to gain recognition as a Certified Professional (Health).	self-paced	https://membership.alia.org.au/pdinfo/specialisations/health-specialisation
MLA Competencies Self-Assessment	8	Anytime	Free	Medical Library Association - USA	online	This free MLA learning offering introduces you to the newly revised MLA Competencies for Lifelong Learning and Professional Success and allows you to rate your skills and use your ratings to plan your professional development	1 hour	http://www.medlib-ed.org/products/1068/2017-mla-competencies-self-assessment

ALIA HLA COMPETENCIES






COMPETENCY AREA	DESCRIPTION
<p data-bbox="108 533 124 566">1</p>  <p data-bbox="331 524 497 586">The health environment</p> <p data-bbox="162 654 545 792">The health sciences, and the health and social care environment, and the policies, issues and trends that impact on those environments.</p>	<p data-bbox="600 474 1465 533">A health library and information professional maintains current knowledge of health and social care systems in Australia, including developments in:</p> <ul data-bbox="609 542 1481 967" style="list-style-type: none"> • the health and social care, research and education sectors; • health systems research, policy development, and models of care; • research into illness and disease, and into prevention and wellness; • health sciences professions, their education frameworks and academic pathways, registration and professional development requirements, and library and information services needs; • the legal and regulatory frameworks for health systems and professions; • policies and standards of relevant government, corporate and professional bodies; • ethical issues in health and health information practice; • the parent organisation's structure and aligning with the organisation's strategic direction.
<p data-bbox="108 1093 124 1126">2</p>  <p data-bbox="331 1075 561 1137">Reference and research services</p> <p data-bbox="162 1209 529 1290">Health reference and research services and delivering best practice information services.</p>	<p data-bbox="600 1030 1433 1146">A health library and information professional is an expert in the delivery of reference and information services that connect users with the information that they need at the right time and place, and in the right format, through:</p> <ul data-bbox="609 1155 1465 1541" style="list-style-type: none"> • information needs analysis; • reference and research consultation services; • designing expert literature search strategies; • sourcing and delivering information resources in customised formats; • liaison, embedded, informationist or clinical librarianship activities; • design and delivery of alerting services; • participating in systematic and other types of literature reviews; • supporting and participating in conducting well-designed knowledge and evidence syntheses; • participating in policy review and compliance auditing.



COMPETENCY AREA	DESCRIPTION
<div data-bbox="89 232 577 309" style="background-color: #e67e22; color: white; padding: 5px;"> 3  Resources </div> <p data-bbox="161 371 544 456">The management of health knowledge and information resources in a variety of formats.</p>	<p data-bbox="600 194 1461 280">A health library and information professional knows and has the ability to manage and contribute to their organisation's evidence base comprising all types of health data, information, and knowledge, through:</p> <ul data-bbox="611 293 1445 857" style="list-style-type: none"> • collection analysis, development and management; • procurement, negotiating with publishers and providers of resources, and licensing; • rights management; • protecting and preserving knowledge and resources, and ensuring they are discoverable; • monitoring publishing trends; • copyright compliance; • cataloguing, classification, MESH and other schema; • thesauri, subject indexing and metadata; • digitisation and digital repository management; • database design; • organisational policy/procedure creation and use; • organisational data and systems integration; • research data management.
<div data-bbox="89 949 577 1070" style="background-color: #f1c40f; color: white; padding: 5px;"> 4  Leadership and management </div> <p data-bbox="161 1099 520 1155">Leadership and management theory and practice.</p>	<p data-bbox="600 922 1469 1037">A health library and information professional knows and applies leadership and management theory, selecting actions that are appropriate to the situation, driving and/or contributing at a personal level and a service level through:</p> <ul data-bbox="611 1050 1437 1626" style="list-style-type: none"> • strategic and business planning; • service improvement; • human resources management; • budgets, financial management and fiscal accountability; • risk management; • project management; • space, facilities and technology management; • policy and procedure development and application; • review and evaluation of library and information services and programmes; • marketing, public relations, advocacy and communications; • leading and inspiring teams; • influencing key stakeholders; • understanding equity, multicultural, diversity and cultural issues; • horizon scanning for innovative service and practice improvements.



COMPETENCY AREA	DESCRIPTION
<p data-bbox="108 257 130 288">5</p>  <p data-bbox="331 241 544 309">Digital, ehealth and technology</p> <p data-bbox="161 371 552 539">The digital and ehealth context, and the technology and systems used to manage data, information and knowledge resources in the delivery of library and information services.</p>	<p data-bbox="600 197 1414 280">A health library and information professional is aware of, understands, is involved with, and uses information and communications technologies, including:</p> <ul data-bbox="611 293 1469 880" style="list-style-type: none"> • library management systems; • web and network management services; • mobile technologies and applications, including systems interoperability; • identity management and authentication systems; • industry standards relating to eResource management (e.g. link resolvers, Knowledge Base and Related Tools (KBART), Shared Electronic Resource Understanding (SEUR), COUNTER and SUSHI, APIs etc); • content, learning, research data, repository, and database management systems; • business intelligence systems; • electronic medical records, patient portals, computerised physician order sets, and integration of point-of-care knowledge resources; • understanding data analytics and 'data as evidence' in clinical decision-making, policy and research contexts; • understanding the principles of cybersecurity and information privacy.
<p data-bbox="108 1019 130 1050">6</p>  <p data-bbox="331 1003 523 1070">Health literacy and teaching</p> <p data-bbox="161 1122 555 1234">Health literacy, curricular design and instruction, and teaching the information skills associated with evidence-based practice.</p>	<p data-bbox="600 947 1465 1030">A health library and information professional understands adult education methods and the skills related to educating and training others, and has the ability to:</p> <ul data-bbox="611 1043 1477 1384" style="list-style-type: none"> • conduct training needs assessments; • identify and integrate existing educational and vocational frameworks and benchmarks; • develop, deliver and evaluate training programmes; • engage in and or/develop consumer health literacy programmes; • use instructional methodologies, including innovative technologies and technology-enhanced learning; • model evidence-based information practice, that is, identify the need for information; search the literature; find, critically appraise and synthesise evidence; and manage references for literature reviews.
<p data-bbox="108 1518 130 1550">7</p>  <p data-bbox="331 1518 539 1550">Health research</p> <p data-bbox="161 1628 520 1711">Health research and the application of health research methodologies.</p>	<p data-bbox="600 1451 1437 1509">A health library and information professional understands and practices scientific research methods, including:</p> <ul data-bbox="611 1523 1453 1939" style="list-style-type: none"> • quantitative and qualitative research methods; • interpreting and presenting data and statistical analyses; • data science, research data management, 'big' data, and data analysis; • conducting research, quality improvement and innovation projects; • critically examining and filtering research literature from many related disciplines; • promoting scholarly communication; • facilitating knowledge translation and evidence-based practice that incorporates sources of patient data as well as published evidence; • promoting open science and open access to government-funded research outputs.



COMPETENCY AREA	DESCRIPTION
<div data-bbox="89 232 579 309" style="background-color: #4CAF50; color: white; padding: 5px; display: flex; align-items: center;"> 8  Professionalism </div> <p data-bbox="165 371 379 427">Health information professionalism.</p>	<p data-bbox="603 197 1461 282">A health library and information professional maintains currency of professional knowledge and practice and upholds professional standards and values through:</p> <ul data-bbox="611 293 1481 712" style="list-style-type: none"> • membership and participation in their professional associations; • undertaking formal and informal continuing professional development activities; • maintaining professional certification through the ALIA Health Specialist PD Scheme¹ to achieve the competency; • conducting research and publishing in the professional literature; • teaching and mentoring others; • advocating for the health information professions; • collaborating with other professionals to improve health care, health literacy and access to healthcare information; • contributing to society through sharing specialist knowledge and expertise.

Notes on how to use the Competencies

- Health librarians, from novice to expert, need a basic understanding of each Competency Area.
- The Descriptions provide examples to indicate the scope of the Competency Areas. It is unlikely that a librarian will have full knowledge of each of these examples; rather, they illustrate the range of competencies that may be encountered.
- Job (or position) descriptions define the scope of practice and the depth of knowledge, skills and responsibilities required for different position levels.²
- Job descriptions are likely to focus on a few of the Competency Areas.

¹ ALIA. Health Specialisation. Accessed 5th Nov 2018
<https://membership.alia.org.au/pdinfo/specialisations/health-specialisation>

² ALIA. Work level guidelines for library and information services. Accessed 5th Nov 2018.
<http://www.alia.org.au/sites/default/files/documents/LIS%20Work%20Level%20Guidelines%2016052013.pdf>

