



RIGA / JUNE 11-14

SMALL STEP AND A GIANT LEAP:
REORIENTING TOWARDS NEW
ENVIRONMENT

Conference programme

Content table

About conference programme

Timetables:

Monday, June 10th

Tuesday, June 11th

Wednesday, June 12th

Thursday, June 13th

Friday, June 14th

CEC courses

Workshops

Parallel sessions

Contact information

About conference programme

EAHIL 2024 conference programme consists of two main parts – timetables and descriptions of CEC courses, Workshops and Parallel sessions.

Timetables include information about venue, time slots and events happening at said times.

Underlined event titles in timetables are clickable and lead to the event description page.

CEC courses have participation fees additionally to conference overall participation fee.

Workshops are free of charge, but because of participant limits for each of them, booking is necessary to avoid overcrowding.

! Note, that there will be events taking place at the same time, so it's important to carefully consult timetables when booking CEC course and Workshop spots during registration process.

About conference programme

Descriptions of CEC courses and Workshops consist of three pages – abstract, event details and author biographies.

Event details contain information about presenting authors and other authors (if applicable), topic areas, description of design for interactivity, learning outcomes or session outputs, target audience, necessary level, requirements to prior knowledge or experience, requirements for preparation in advance, keywords.

Descriptions of Workshops also contain information about duration – 75 or 150 minutes.

! Note to authors – some structural edits have been done to descriptions to avoid having font size too small for readability.

Parallel session descriptions include titles and presenting authors of oral presentations.



Timetables



Monday, June 10th

RSU Building - 21 Konsula street, Riga	
9:00-10:30	EAHIL Board Meeting
10:30-11:00	Coffee Break
11:00-12:30	EAHIL Board Meeting
12:30-13:30	Lunch Break
13:30-15:30	EAHIL Board Meeting
15:30-16:00	Coffee Break
16:00-18:00	EAHIL Board Meeting



Tuesday, June 11th

RSU Building - 21 Konsula street, Riga				
8:00-13:30	Registration			
9:00-10:30	EAHIL Board Meeting	<u>CEC "Structured systematic literature searching. How to keep quality under time constraints"</u>	<u>CEC "How to conduct a systematic search for qualitative studies"</u>	
10:30-11:00	Coffee Break			
11:00-12:30		CEC "Structured systematic literature searching. How to keep quality under time constraints" (cont.)	CEC "How to conduct a systematic search for qualitative studies" (cont.)	
12:30-13:30	Lunch Break			
13:30-15:00		<u>CEC "Improving efficiency and confidence in systematic searching medical bibliographic databases"</u>	<u>CEC "Beyond the systematic review search: search methods for Evidence and Gap Maps and other review types"</u>	<u>CEC "Intellectual property concepts related to open science and repositories"</u>
15:00-15:30	Coffee Break			
15:30-17:00		CEC "Improving efficiency and confidence in systematic searching medical bibliographic databases" (cont.)	CEC "Beyond the systematic review search: search methods for Evidence and Gap Maps and other review types" (cont.)	CEC "Intellectual property concepts related to open science and repositories" (cont.)
17:00-18:30	EAHIL Council Meeting			
Venue - TBA				
19:30-21:30	First Timers Welcome Reception			



Wednesday, June 12th

National Library of Latvia - 3 Mukusalas street, Riga	
8:00-16:00	Registration
9:00-10:00	Opening Ceremony
10:00-10:45	Keynote Speaker - TBA
10:45-11:30	Coffee Break & Sponsor Exhibition



Wednesday, June 12th

National Library of Latvia - 3 Mukusalas street, Riga

<p>11:30-13:00</p>	<p><u>A1 Parallel Session Libraries as change agents 1:</u> 1.Analytical autoethnography as coping mechanism for deeply emotional work 2.Achieving 100% open access @University of Groningen: Libraries as positive change agents 3.Gender*MoRe. Permanent documentation and monitoring center for Gender Bias in Science - University of Modena and Reggio Emilia (UNIMORE - Italy) 4.Development of a competency framework for health information specialists in the Netherlands</p>	<p><u>A2 Parallel Session Research & Open Science 1:</u> 1.The TARCiS statement: Guidance on terminology, application, and reporting of citation searching 2.Development towards a research intelligence dashboard in the University Medical Center Groningen: role of the Central Medical Library 3.Research News Media Influence on Altmetrics and Citation Behavior 4.Librarians’ quest to exhaustivity and openness: tracking institutional publications and observing evolving trends in data sharing</p>	<p><u>A3 Parallel Session Shaping the Educational Environment 1:</u> 1.Demonstrating the checklist for research data management in undergraduate student's thesis process 2.Welcoming new students – an easy ‘gamified’ way to introduce our library services and essential information resources in medicine and health sciences 3.Cultivating curiosity: mastering the Art of Student Engagement 4.New learning experiences using arts and humanities in Academic Health Sciences Library</p>	<p><u>A4 Workshop "Playing games @ KU Leuven: A board game teaching researchers how to survive their research"</u></p>	<p><u>A5 Workshop "Creating a brand for your library"</u></p>	<p><u>A6 Workshop "Finding our way to effective use of GenAI tools (with some warning signs as well)"</u></p>	<p><u>A7 Workshop "Turning a research question into a search strategy"</u></p>
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Wednesday, June 12th

National Library of Latvia - 3 Mukusalas street, Riga

13:00-14:00

Lunch

14:00-15:00

Sponsor Presentations

15:00-15:30

Poster Presentation Rapid-fire session

15:30-16:00

Coffee Break & Sponsor Exhibition

16:00-17:00

SIG European Veterinary Libraries Group meeting

Venue - TBA

19:30-21:30

Welcome Reception



Thursday, June 13th

National Library of Latvia - 3 Mukusalas street, Riga

8:00-16:00	Registration		8:00-9:00	SIG Pharmaceutical Information Group meeting			
9:00-10:30	<p><u>B1 Parallel Session Libraries as change agents 2:</u></p> <ol style="list-style-type: none"> 1.Be careful! A Portuguese project about critical thinking and information literacy to counteract health disinformation in an academic context 2.Catalysts of change: Empowering medical librarians as specialists in libraries redefining the scientific publishing landscape 3.Individually we are valuable, together we are magnificent. Providing pathways to change through peer-support. 4.A New Path to Collaboration: Clinical Librarians' Involvement in Developing Hospital-based Care Signature Pathways 	<p><u>B2 Parallel Session Research & Open Science 2:</u></p> <ol style="list-style-type: none"> 1.Applying research intelligence to health information behaviour research agendas for Africa: ensuring proactive, impactful research 2.What is the role of CINAHL in rapid reviews of nursing topics? 3.There's no limit! Expanding horizons for information professionals in evidence synthesis 4.Developing an automated search strategy to keep the Systematic Review Toolbox up to date 	<p><u>B3 Parallel Session Shaping the Educational Environment 2:</u></p> <ol style="list-style-type: none"> 1.Analysis of the Development and Change in Medical Tutors' Teaching in Problem-Based Learning 2.Connecting and Supporting Systematic Reviewers: Using Microsoft Teams to Establish a Virtual Community of Practice 3.From one to a group: Development and implementation of a knowledge synthesis workshop series to train researchers and students across disciplines, and now, across institutions. 4.Libraries as agents of sustainable development: strategies and good practices from Italy and Europe 	<p><u>B4 Workshop "Lift Off to Leadership: Elevate Your Impact by Cultivating Skills and Mindset for Working with Senior Leaders"</u></p>	<p><u>B5 Workshop "A workshop to pilot the methods for undertaking a research project on translating search strategies"</u></p>	<p><u>B6 Workshop "Research Data Management @ KU Leuven: Interactive workshop on metadata and documentation"</u></p>	<p><u>B7 Workshop "Promoting and marketing library and information services: tips and tools for creating a communication plan"</u></p>
10:30-11:30	Coffee Break & Sponsor Exhibition						



Thursday, June 13th

National Library of Latvia - 3 Mukusalas street, Riga

11:30-13:00	<p><u>C1 Parallel Session Visibility & Strategic presence 1:</u></p> <ol style="list-style-type: none"> 1.New role for medical libraries: supporting researchers and technology transfer offices by searching patent databases. 2.A value for money, data-driven and transparent strategy to improve the Maastricht Univeristy Medical Centre/Faculty (MUMC+) e-journal collection. 3.Show and Tell: making an impact and telling the story of a long-term strategic approach to developing NHS knowledge and library services 4.Knowing how to communicate "knowledge". A training experience among biomedical documentalists 	<p><u>C2 Parallel Session Research & Open Science 3:</u></p> <ol style="list-style-type: none"> 1.Navigating Research Data Management in Medical Libraries of Pakistan: Embracing Small Steps and Giant Leaps in the New Environment 2.Examining systematic review terminology and quality assessment in reviews of children's social care interventions 3.Open access: Dependence from major APC-based publishers in Portugal Subthemes: Research & Open Science 4.The Information Specialist in Systematic Reviews: an active role? The example of the Italian oncological research field 	<p><u>C3 Parallel Session Technology & Tools 1:</u></p> <ol style="list-style-type: none"> 1.Automating search term identification with MeSH entry terms via API 2."Finding what you expect, accessing what you need": customer journey analysis of the findability and access of library resources & services 3.Iterative searches in citation databases – which free databases are suitable? 4.Sensitivity, precision and efficiency of search strategies built using a text-mining word frequency tool (PubReMiner) compared with current best practice search strategy building: a study within a review (SWAR) protocol 	<p>B4 Workshop "Lift Off to Leadership: Elevate Your Impact by Cultivating Skills and Mindset for Working with Senior Leaders" (cont.)</p>	<p>B5 Workshop "A workshop to pilot the methods for undertaking a research project on translating search strategies" (cont.)</p>	<p>B6 Workshop "Research Data Management @ KU Leuven: Interactive workshop on metadata and documentation" (cont.)</p>	<p>B7 Workshop "Promoting and marketing library and information services: tips and tools for creating a communication plan" (cont.)</p>
13:00-14:00	Lunch						



Thursday, June 13th

National Library of Latvia - 3 Mukusalas street, Riga							
14:00-15:30	D1 Panel discussion about AI	<u>D2 Workshop "The ultimate battle of the search methods: single line vs multiline"</u>	<u>D3 Workshop "Emotional labour in library work: understand, identify, and manage for a healthier work life"</u>	<u>D4 Workshop "Exploring the needs for Competence Development for Medical Information and Library professionals: A Lego Serious Play Workshop"</u>	<u>D5 Workshop "Introduction to research data management (RDM) for personal health data"</u>	<u>D6 Workshop "Getting started with creating advanced OpenRefine workflows: Systematic searching and enhancing publication data"</u>	<u>D7 Workshop "Building the influence and visibility of the academic library on campus"</u>
15:30-16:00	Coffee Break & Sponsor Exhibition						
16:00-17:30	E1 SIG Evaluation and Metrics Group meeting	<u>E2 Workshop "Building Consensus Through Sharing Collective Wisdom: Working Together to Develop Best Practices for Supporting Consensus Statements"</u>	<u>E3 Workshop "Trusting the evidence: identifying problems and finding solutions as poorly conducted systematic reviews can lead to inaccurate representations of the evidence"</u>	D4 Workshop "Exploring the needs for Competence Development for Medical Information and Library professionals: A Lego Serious Play Workshop" (cont.)	D5 Workshop "Introduction to research data management (RDM) for personal health data" (cont.)	D6 Workshop "Getting started with creating advanced OpenRefine workflows: Systematic searching and enhancing publication data" (cont.)	D7 Workshop "Building the influence and visibility of the academic library on campus" (cont.)
Venue - TBA							
19:30-22:00	Gala Dinner						



Friday, June 14th

National Library of Latvia - 3 Mukusalas street, Riga							
8:00-11:00	Registration		8:00-9:00	SIG MeSH Information Group meeting			
9:00-10:30	<p><u>F1 Parallel Session Technology & Tools 2:</u></p> <ol style="list-style-type: none"> 1.Our friends automatic: leading uptake of software tools to expedite the systematic review process 2.Natural Language Processing and scientific documentation: examples of applications and current project at Public Health France 3.Improving FAIRness of datasets in institutional repository; tools and FAIR IMPACT challenge experience. 4.REDCap: a new custom-made system for monitoring the biomedical production of a new Italian Research Institute 	<p><u>F2 Parallel Session Libraries as change agents 3:</u></p> <ol style="list-style-type: none"> 1.Information Retrieval @ KU Leuven: from a small biomedical service to a well-defined research support service for the entire university. 2.Polish medical libraries in the service of open research data <p>Evidence-based searching: using Search Summary Tables to update 3.Evidence and Gap Maps. A case study in intergenerational activities</p> <ol style="list-style-type: none"> 4.The challenge of a hospital network digital library towards open science in a health public system. The institutional health repository of Andalusia (RISalud-ANDALUCIA) 	<p><u>F3 Parallel Session Research & Open Science 4:</u></p> <ol style="list-style-type: none"> 1.Data management skills for students of medical faculty and pharmacy: Our solutions 2.Differences in search strategies and corresponding outputs between matching Cochrane Reviews, Health Technology Assessment (HTA) reports and other systematic reviews 3.Search summary tables – The collected wisdom of two organisations 4.An innovative approach to supporting evidence-based Adverse Outcome Pathways: a successful case study with librarians on the project team 	<p><u>F4 Workshop "Sharing Challenges for Research Assessment Supporting Services within the EAHIL"</u></p>	<p><u>F5 Workshop "Approaches to conducting systematic searches in Epistemonikos.org"</u></p>	<p><u>F6 Workshop "Exploring ChatGPT: Potential applications for designing systematic literature searches"</u></p>	<p><u>F7 Workshop "Development of a New Strategic Plan in an Academic Health Sciences Library: Creating a Holistic Experience that includes all staff in planning and implementation"</u></p>



Friday, June 14th

National Library of Latvia - 3 Mukusalas street, Riga	
10:30-11:30	Coffee Break & Sponsor Exhibition
11:30-12:30	General Assembly
12:30-13:45	Keynote Speaker & Awards & Closing Ceremony
13:45-14:45	Lunch



CEC courses



CEC «Beyond the systematic review search: search methods for Evidence and Gap Maps and other review types» I

This course aims to take information specialists beyond the typical “big bang” systematic review search and explore the information retrieval requirements of other review types, with a focus on Evidence and Gap Maps (EGMs). EGMs are tools which provide an interactive visual representation of existing research, can summarise the strength of evidence for review questions and highlight the gaps in the evidence base. EGMs are becoming more popular as an evidence synthesis product as they can help policymakers, researchers and practitioners identify priority areas for resources allocation and future research. Organisations such as the Campbell Collaboration, 3ie and the Collaboration of Environmental Evidence have promoted the development and utilisation of EGMs to enhance the accessibility and impact of research evidence. With this in mind, we expect many information specialists and health librarians will be required to work on this type of review in the near future.

Our CEC will upskill information specialists and health librarians by providing an overview of EGMs, the technology used to generate them, and describe how they differ from other review types in relation to information retrieval requirements. We will explore the types of evidence required to populate EGMs and how to find it. Drawing on examples of recent EGMs that the CEC presenters have worked on, we will provide practical tips on searching for EGM projects and explore updating EGMs. The CEC will include interactive quizzes, group exercises and discussion.



CEC «Beyond the systematic review search: search methods for Evidence and Gap Maps and other review types» II

- **Presented by** MORWENNA ROGERS (University of Exeter)
- **Other authors** - ANTHEA SUTTON (University of Sheffield), ALISON BETHEL (University of Exeter)
- **Topic Areas** - Research & Open Science; Technology & Tools
- **Description of design for interactivity** - The CEC will be a combination of presentations and interactive elements, including using an online polling application for quizzes to test learning (e.g. match the topic to the review type, identify type of research study). There will be small group exercises to screen studies for inclusion or exclusion, with group discussion and feedback following interactive tasks.
- **Learning Outcomes or Session Outputs** - Following the session, participants will be able to understand different review types; understand how EGMs fit into the review family; understand different study types and ways of searching for them; describe the key features of an EGM; understand the information retrieval requirements for EGMs; be aware of practical tips and guidance for conducting their own EGM searches, including streamlining searches for EGM updates.
- **Target audience** - This CEC is aimed at librarians and information professionals who have experience in conducting searches for systematic reviews, but may now be required to conduct searches for evidence gap map projects. Any conference delegates with an interest in EGMs welcome, but practical skills in constructing systematic search strategies and performing them on a range of databases would be advantageous.
- **Level** - Intermediate
- **Prior knowledge or experience needed in participants?** – Yes
- **Is preparation in advance by participants applicable?** – No
- **Keywords** - Evidence and Gap Maps, Information Retrieval, Literature Searching, Evidence Synthesis



CEC «Beyond the systematic review search: search methods for Evidence and Gap Maps and other review types» III

Morwenna Rogers, Anthea Sutton and Alison Bethel are Information Specialists based at the University of Exeter and University of Sheffield. They each have over 20 years' experience of developing search strategies for all types of reviews, and between them have authored several papers on search methods. All three teach regularly on literature searching and evidence retrieval to a wide range of audiences. Morwenna and Alison are members of the Evidence Synthesis Team at Exeter University. Anthea is the Director of Professional Learning at the Sheffield Centre for Health and Related Research (SCHARR).



CEC «How to conduct a systematic search for qualitative studies» I

The number of qualitative systematic reviews or qualitative evidence syntheses (QES) are rapidly increasing and Information Specialists are evermore asked to be involved in qualitative research synthesis.

This course aims to equip IS with the knowledge and skills to design and conduct a high quality qualitative search strategy.

Particular attention will be paid to the formulation of a qualitative question, the construction of the search strings and to the resources available and suitable for qualitative studies.

In detail, the course will start with an overview of the best sources of scientific qualitative contents; we will then move to the available tools to analyse the scenario and formulate research questions according to SPIDER and other standards, also including the use of AI tools for basic semantic analysis.

The second part will include the formulation of effective qualitative research strategies with appropriate thesaurus terms and filters, using PubMed and at least one more bibliographic database.



CEC «How to conduct a systematic search for qualitative studies» II

- **Presented by** MARIA CHIARA BASSI (Azienda USL - IRCCS di Reggio Emilia), PAOLO GARDOIS (Medical Library, University of Turin)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - The course is highly interactive, involving a range of teaching techniques including group work, practical tasks and discussion.
- **Learning Outcomes or Session Outputs** - The course will enable participants to apply the knowledge and skills required to undertake steps of qualitative literature searching. They will learn about information sources, become familiar with the concept of developing a research question and how that helps develop a search strategy. Further, they will learn to optimize and execute advanced literature searches with text words and subject headings, and manage and document the results.
- **Target audience** - Junior Information Specialist or senior Information Specialist with no prior knowledge in qualitative Systematic Review
- **Level** – Introductory
- **Prior knowledge or experience needed in participants?** – No
- **Is preparation in advance by participants applicable?** – Yes
- **Keywords** - Qualitative research, qualitative search strategies, Expert searching



CEC «How to conduct a systematic search for qualitative studies» III

Maria Chiara Bassi

- Information Specialist at the Hospital Medical Library in Reggio Emilia involved in the process of systematic reviews and clinical guidelines.
- Information Specialist at Cochrane Multiple Sclerosis Group.
- Teacher at several continuing education courses to health professionals.
- Co-author of several publications.

Paolo Gardois

- Information professional, lecturer and researcher, with extensive experience in the academic context.
- Working at the University of Turin since 1999; strong research skills, such as expert bibliographic searching and knowledge organization, qualitative research, literature synthesis and reviewing, as witnessed by several publications in scientific journals.
- University lecturer and deliver continuing education courses for health professionals.



CEC «Improving efficiency and confidence in systematic searching medical bibliographic databases» I

Many information specialist (both experienced and inexperienced) struggle with creating searches in medical databases (especially for systematic reviews). When is the search good enough, which search terms do you add, have you found all relevant references, which databases do you use. Insecurities about this make that searching for SRs can take up to 15 hours. In this workshop participants will be taught a method that helps them create searches much faster and with more confidence.

The course is a hands-on session around searching the medical literature for librarian-mediated searches. In the course examples will be used from the practice of the teachers as well as research questions from the clients of the participants.

Before the workshop the participants will be asked to prepare some exercises that will be discussed during the workshop, and will be used to adapt the level of the workshop to the level of knowledge of the participants. The homework includes analyzing a research question, creating an exhaustive search strategy on a given research question and finding search terms on a certain topic.

The first part of the workshop will be taught in an online session prior to the conference. This introduces the method to the participants. Before the live session participants will have experienced the methods, so that during the live session we can focus on solving the problems they encountered.

Topics to be discussed during the workshop - analyzing a research question (discussion of homework, joint exercise on teachers' examples and individual exercise on participants' question); finding search terms (discussion of homework and individual exercise on participants' question); creating the basic search strategy (joint exercise on teachers' examples and individual exercise on participants' question); optimizing the search strategy to find more relevant terms and to find all relevant references (individual exercise on participants' question); translating the searches to different databases using macros in MS Word (individual exercise on participants' question); evaluation of the search strategy. (joint exercise on teachers' examples and individual exercise on participants' question).

Participants can each work in their own database that they have access to. The teachers are familiar with all major databases such as Embase.com, Embase and Medline via Ovid, and PubMed. The method will be demonstrated in each of these databases. The workshop will also teach the translation between these databases and interfaces as well as the Cochrane Library, Web of Science, CINAHL, PsycINFO, Scopus and Google Scholar.



CEC «Improving efficiency and confidence in systematic searching medical bibliographic databases» II

- **Presented by** WICHOR BRAMER (Erasmus MC), ELISE KRABBENDAM (Erasmus MC)
- **Other authors** - CHRISTA NIEHOT (Erasmus MC), MAARTEN ENGEL (Erasmus MC)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - participants will receive individual feedback on their homework exercise and can compare their efforts (anonymously) with those of others; during the workshop participants can work on their own research question in their own database so that they can directly use what they learned; after the workshop participants can use the aftercare and ask the teachers for help with their future searches.
- **Learning Outcomes or Session Outputs** - participants can analyze research questions to identify important elements for a search; participants can apply the method to find search terms relevant to a research question; participants can create a basic search strategy in their database of choice using the new method and can apply the optimization method to find extra relevant terms; participants can apply macros in MS Word to translate search strategies between databases and interfaces and understand how they can adapt the macros to suit their own databases; participants can evaluate the quality of their own searches and that of others.
- **Target audience** - information specialists that (want to) perform searches in medical databases, especially (but not limited to) systematic reviews.
- **Level** – the level is intermediate to advanced. participants should have experience searching databases, boolean operators thesaurus terms et cetera.
- **Prior knowledge or experience needed in participants?** – Yes
- **Is preparation in advance by participants applicable?** – Yes
- **Keywords** - databases, searching, systematic reviews, embase, medline



CEC «Improving efficiency and confidence in systematic searching medical bibliographic databases» III

Wichor Bramer is information specialist at Erasmus MC in Rotterdam since 2009. He has developed a method to create high quality systematic searches in a fast standardized way. He has published about the topic in several scientific journal articles. The research has resulted in a PhD thesis on the topic that he successfully defended in the end of 2019. The method has been taught internationally for a number of years but is always a great success and fully booked.



CEC «Intellectual property concepts related to open science and repositories» I

This workshop will focus on intellectual property, copyright and licenses related to Open Science, concepts which librarians should take into consideration when managing a repository or giving advice to its users.

Research and hospital network libraries became in recent years the agents for licensing the scientific resources of their institutions, providing their users with the proper knowledge about the *terms of use* the subscribed resources.

Nowadays, they face a new scenario of Open Access which means differences in the negotiation with publishers but also in the terms of use of the products. Besides that, most of them are in charge of managing their institutional repository, a task which demands a deep knowledge of author rights and licenses.

In this course, Open Science will be tackled, but from the point of view of Intellectual Property, focusing on how to apply it to manage an open access repository.



CEC «Intellectual property concepts related to open science and repositories» II

- **Presented by** LAURA MUNOZ-GONZALEZ (Andalusian Digital Library of Health)
- **Other author** - VICTORIA BARRAGAN-ROMAN (Andalusian Digital Library of Health)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - After the exposition, a discussion will be opened using the method of Knowledge Café where every group will treat a different aspect or situation where intellectual property influences their work and how they can cope with it.
- **Learning Outcomes or Session Outputs** - The session will provide the attendants with the appropriate knowledge to deal with intellectual property issues to understand Open Science Intellectual Property aspects when managing a repository and the skills to **apply** it - author rights; publisher contracts; terms of use of licensed products; deposit attribution; Creative Commons licenses. A document will be drafted with the main points librarians should take into account when managing a repository or assisting its users in these issues.
- **Target audience** - Librarians and other professionals working with licenses, repositories and research support services
- **Level** – Introductory
- **Prior knowledge or experience needed in participants?** – No
- **Is preparation in advance by participants applicable?** – No
- **Keywords** - Intellectual property, repositories, licenses, Open Access, Copyright, Liability



CEC «Intellectual property concepts related to open science and repositories» III

Laura Muñoz-Gonzalez, Head of the Management Department of the Andalusian Digital Library of Health (BV-SSPA). Master's degree in strategic management of information and knowledge in organizations, and master's degree in business administration. She has developed her work at the BV-SSPA for more than 17 years, specializing in contracting resources and services for the library, specifically in the negotiation and license agreements with publishers.

Victoria Barragan-Roman, Assistant at the Management Department of the Andalusian Digital Library of Health (BV-SSPA). Degree in Public Management. Administrator of RISalud-ANDALUCIA. She has worked for BV-SSPA for more than 12 years.



CEC «Structured systematic literature searching. How to keep quality under time constraints» I

Purpose - Literature searching consists of many processes that are repeated regardless of the topic or research question. The focus of this course will be how to improve common processes using "I" (Intelligence) that means combining mental skills with automation tools. It's not proper in fact to use the word "intelligence" for artificial processes.

At the same time the workshop aims to show a method reporting the search process according to the PRISMA for searching roles in a way that it can easily be shared with and understood by other search experts.

Librarians can use this method to obtain a balance between sensitivity and specificity with priority on producing comprehensive systematic searches. This proposed reporting method will save time and allow librarians to develop and report on systematic searches more efficiently.

Background - Databases and search platforms provide a huge range of applications and functions. Only a few of them are really useful, others need to be adapted to avoid time wasting. This workshop would like to show a pragmatic based method of literature searching as a combination of praxis and theory with the aim of producing a professional literature search in a quick and effective way.

Summary and activities - The participants will learn on the basis of a very simple search topic how to - structure a topic; determine the main topic concepts; find the search terms to the single aspects; determine the search terms easily; adapt the search terms to the different databases in a convenient sequence; conduct the search in each database; export the hits as RIS-File; produce a "USIR" search report, that makes it Understandable, Sharable, Interoperable, and Reusable.

Using a sample research question, the course leader and the attendees will conduct a search together step by step in the mandatory databases PubMed, EMBASE, Cochrane Library, Clinical Trials.gov and ICTRP. If time remaining the attendees will conduct a search on their own based on a common topic to apply new skills and compare different solutions.

Of course there will be time for questions and constructive discussion.



CEC «Structured systematic literature searching. How to keep quality under time constraints» II

- **Presented by** MAURIZIO GRILLI (Medical Faculty Mannheim, Heidelberg University)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - Outgoing from a common topic the course leader and the participants will conduct a search together step by step in the mandatory databases PubMed, EMBASE, Cochrane Library, Clinical Trials.gov and ICTRP. Depending on time available the participants will conduct a search on their own based on a common topic to apply the new skills and compare the different solutions.
- **Learning Outcomes or Session Outputs** - The participants will learn on the basis of a very simple search topic how to structure a topic; determine the main topic concepts; find the search terms to the single aspects; determine the search terms easily; adapt the search terms to the different databases in a convenient sequence; conduct the search in each database; export the hits as RIS-File; produce a "USIR" search report, that makes it Understandable, Sharable, Interoperable, and Reusable.
- **Target audience** - Librarians involved in literature searching
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - Yes
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Systematic literature search, information retrieval, search report



CEC «Structured systematic literature searching. How to keep quality under time constraints» III

Maurizio Grilli (Italy, 1966) first studied German, Norwegian and English language and literature at the University of Bologna. Then he studied esthetics and Hermeneutics at the University of Heidelberg. Finally, he completed the Master of Library and Information Science study program at the Cologne University of Applied Sciences. Between 2008 and 2014 he was library director at the High School for Health Professions in Bozen (Italy). He is currently employed at the Library for the Medical Faculty of Mannheim, University of Heidelberg.



Workshops



Workshop «A workshop to pilot the methods for undertaking a research project on translating search strategies» I

One of the actions from two EAHIL 2023 workshops on translating search strategies across to different databases and platforms was to undertake a piece of research on identifying the specific issues with different databases and platforms. We are proposing to undertake a pilot research project to collectively decide how to do this. We would like to present our research proposal, gain feedback on specific aspects then have participants do the pilot searching followed by further feedback. We would then use this to undertake a larger study with more participants. The feedback will directly impact the larger study but it will also include the sharing of the methods the participants chose to use along with any workarounds and suggested changes to the platforms.

Research proposal - How do different information professionals with different levels of experience translate published systematic review searches of varying complexities across different databases and platforms and what are the issues experienced and how long does it take? This will involve the recruitment of a number of information professionals with varying levels of experience translating pre-defined search strategies and recording the time spent and issues found when doing this. The searches to be translated will vary from simple to complex and will be both line by line searches and single line searches. These will then be translated using any method the participant chooses to other databases on other platforms, we aim to include databases on the most used platforms including Ovid, Elsevier, EBSCOhost, ProQuest, Web of Science and Scopus.

The agenda - presentation (15min) (issues of translating search strategies from the EAHIL workshops last year; the research proposal with specific questions to discuss); groups to discuss the specific questions (20 min); presentation- the pilot study (15 min); break; the pilot (60 mins) which will be split into 20min sections; feedback (30 min).

References - BETHEL, A. & ROGERS, M. 2014. A checklist to assess database-hosting platforms for designing and running searches for systematic reviews. *Health Information and Libraries Journal*, 31, 43-53.



Workshop «A workshop to pilot the methods for undertaking a research project on translating search strategies» II

- **Presented by** ALISON BETHEL (University of Exeter)
- **Other authors** - MORWENNA ROGERS (University of Exeter), WICHOR BRAMER (Erasmus MC), ALENA LINDFORS (Högskolan Dalarna), ISLA KUHN (University of Cambridge)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - We will have handouts and electronic versions of the research proposal with items highlighted for discussion or feedback. We will work in small groups on specific items and feedback to the larger group. We are aiming for the workshop to be interactive and informative using both the group discussions and feedback. There will also be an element of individuals working on their own to undertake the pilot search translations.
- **Learning Outcomes or Session Outputs** - analysing the research proposals and providing feedback; understanding and knowledge of difference methods of translating search strategies; understanding of some of the issues encountered when translating search strategies; understanding the details of developing a research proposal; participating in the research.
- **Target audience** - Any information professional as we would like participants with different experiences.
- **Level** - Any level
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Databases; information retrieval; information specialists
- **Duration** - 150 minutes



Workshop «A workshop to pilot the methods for undertaking a research project on translating search strategies» III

Alison and **Morwenna** are information specialists for PenARC, University of Exeter Medical School. They have over 12 years' experience in their current posts and specialise in searching for systematic reviews.

Wichor works as an information specialist for Erasmus MC Rotterdam since 2009. In 2019 he defended his PhD thesis on searching for SRs.

Isla is the Head of Medical Library Services at the University of Cambridge where she has a particular interest in user education and research support especially in systematic reviews.

Alena is a librarian at Dalarna University, Sweden. She has 8 years of experience in systematic literature searching.



Workshop «Approaches to conducting systematic searches in Epistemonikos.org» I

The main objective of this workshop is to share practical approaches for designing, testing, and documenting systematic searches in Epistemonikos.org.

Background - Epistemonikos.org has been designed as an easy-to-use, comprehensive database for health care systematic reviews and related evidence syntheses (e.g., health technology assessments, scoping reviews, overviews of reviews). Its primary goal is enabling non-expert searchers to find high-level evidence quickly. Because it collects evidence syntheses from several bibliographic databases, it has a high coverage of health systematic reviews. This lead to recommendations [1,2] to use Epistemonikos.org when systematically searching for systematic reviews (e.g., when conducting overviews of reviews).

However, the interface has a few idiosyncrasies librarians and other expert searchers need to be aware of when designing and documenting sensitivity-focused Epistemonikos.org searches. Additionally, Epistemonikos Foundation, the developers of the Epistemonikos.org database, continuously work on new tools and revise functionalities of existing ones. For this reason, viable search approaches may change over time.

Summary and activities - In short presentations, we will cover crucial elements of using Epistemonikos.org for systematic searches: database functionalities, focusing on common pitfalls and caveats; use cases for searching the database; different search approaches (e.g., simple/advanced search interface, search with-/without field limits, using OpenRefine); methods for testing the sensitivity of different search approaches; advice for transparent documentation of searches.

This will be followed by small group exercises: Participants will try different search approaches and evaluate their outcomes.

In a final discussion, each group will report their findings. Together, we will review and discuss the advantages and disadvantages of different search approaches. Outcomes of this discussion will be incorporated in a final handout providing guidance for systematic Epistemonikos.org searches. This document will include summarised information from the presentations as well as any additional learnings generated by the group work and discussion (e.g., caveats, recommendations).

The goal of the workshop is enabling participants to more confidently choose the appropriate search approach depending on information need and context.

Requirements for participants - Familiarity with the core concepts of systematic searching. However, prior experience with Epistemonikos.org is not necessary. Participants should bring a laptop to participate in the exercises.

References - 1. Rada G, Pérez D, Araya-Quintanilla F, Ávila C, Bravo-Soto G, Bravo-Jeria R, et al. Epistemonikos: a comprehensive database of systematic reviews for health decision-making. *BMC medical research methodology*. 2020;20(1):286.; 2. Goossen K, Hess S, Lunny C, Pieper D. Database combinations to retrieve systematic reviews in overviews of reviews: a methodological study. *BMC medical research methodology*. 2020;20(1):138.



Workshop «Approaches to conducting systematic searches in Epistemonikos.org» II

- **Presented by** IRMA KLERINGS (University for Continuing Education Krems, Cochrane Austria), HELGE KNÜTTEL (University Library of Regensburg) and TARQUIN MITTERMAYR (Austrian Institute for Health Technology Assessment)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - Group work will be based on practical scenarios: We will provide participants with examples (e.g., research questions, search strings) that they will use to try out search approaches based on the guidance provided in the presentations. Groups will then report their findings in a plenary discussion. Outcomes of this discussion will be incorporated in a final checklist/handout providing guidance for systematic Epistemonikos.org searches.
- **Learning Outcomes or Session Outputs** - As a result of the workshop, participants will understand common pitfalls when searching Epistemonikos.org; be able to create and apply different search approaches, and evaluate their outcomes.
- **Target audience** - Anyone interested in conducting systematic searches for evidence syntheses
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - Yes
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Systematic searching, Epistemonikos.org, database searching, overviews of reviews
- **Duration** - 75 minutes



Workshop «Approaches to conducting systematic searches in Epistemonikos.org» III

Irma works as information specialist for the Cochrane Austria at the University for Continuing Education Krems. Her main roles are developing search strategies for evidence syntheses and supporting methodology research.

Helge is subject and liaison librarian for medicine at the University Library of Regensburg, Germany. He has a special interest in systematic searching, systematic reviews and other forms of evidence synthesis as well as research methodology.

Tarquin is an Information Specialist at the Austrian Institute for Health Technology Assessment. He is responsible for conducting systematic searches informing HTA reports, and the acquisition of resources, such as databases, journals and books.



Workshop «Building Consensus Through Sharing Collective Wisdom: Working Together to Develop Best Practices for Supporting Consensus Statements» I

Recently, Demetres, Wright and Delgado (2021) outlined librarian support for consensus statements based on their experiences through their systematic review service. The researchers briefly discuss librarian as project manager, multiple reviews for one consensus statement, working with international teams, staff time, authorship, troubleshooting, and interlibrary loan implications. Other than the above article, there is a paucity of resources for librarians to learn how to support international consensus statements. Our session will focus on practical solutions associated with the complexities of consensus statements. These solutions will be based on the presenters' experiences working with consensus teams and reviews over the last several years. We will explore what worked well, and what did not work well, and what we would do differently in the future. Further, through a Knowledge Café experience, participants will share their wisdom and experiences on specific topics on supporting consensus statements. Participants will be encouraged to share stories, their solutions, and best practices. We expect that rich details and excellent personal solutions will be shared. This shared collective wisdom will be captured on flipcharts, and will continue to develop as new participants join a café table.

We attend conferences to learn, network, and connect. Often, though, when we return to our busy work lives, we lose those connections we made. We forget or do not have time to implement what we learned. We eagerly participate in sharing experiences and our knowledge during the conference, but often we do not see results or output from the collected thoughts and shared stories.

We are two Canadian librarians who want to connect deeper with our international colleagues who support systematic reviews. We do not want the sharing and synergies to stop after the workshop, or the conference. We propose that together, for those participants who are interested, to develop an open access Pressbook (ebook): *Best Practices Guide for Supporting Consensus Statements*. The Guide will weave together the shared collective wisdom from the Knowledge Café coupled with the presenters' experiences and solutions. The development of the guide, and associated documents and supports, will require subsequent interactions through email and potentially online sessions. All interested and committed participants would be collaborators or co-authors on an open-access internationally focused best practices ebook. Participants will be encouraged to sign up with their name and email during the Knowledge Café if they are interested in pursuing the collaboration to develop the best practices guide. The proposed session is relevant to several themes of the conference, including Visibility and Strategic Presence, particularly partnership with other institutions. Together we can develop a useful and quality resource for supporting consensus statements through sharing our wisdom and experiences, and also develop international connections and relationships.

Demetres, M. R., Wright, D. N., & Delgado, D. (2021). Supporting Consensus Statements: Considerations and Recommendations for a Systematic Review Service. *Medical Reference Services Quarterly*, 40(4), 347-354.

About Pressbooks: <https://pressbooks.com/>



Workshop «Building Consensus Through Sharing Collective Wisdom: Working Together to Develop Best Practices for Supporting Consensus Statements» II

- **Presented by** ALIX HAYDEN (University of Calgary)
- **Other author** - ZAHRA PREMJI (University of Victoria)
- **Topic Areas** - Research & Open Science; Visibility & Strategic presence
- **Description of design for interactivity** - Our workshop incorporates a traditional presentation by the workshop presenters as well as a knowledge cafe. First, presenters will share their experiences and solutions working with international teams for consensus statements. Next, participants will share their experiences and wisdom focused on a specific topic relevant to supporting consensus statements (different for each cafe table). Thoughts and suggestions will be captured on flip charts for later transcription. We hope through this process participants will provide ways of understanding the complexities of consensus statements, as well as make connections. A short debrief will be planned for the end of the workshop.
- **Learning Outcomes or Session Outputs** - describe factors that add complexity to working with international consensus teams; analyze current practices and problems to determine best solutions for supporting consensus statements; create and contribute to an ebook focused on best practices for supporting consensus statements; build connections with librarians from other institutions and countries.
- **Target audience** - Librarians who support and conduct evidence synthesis reviews
- **Level** - Intermediate
- **Prior knowledge or experience needed in participants?** - Yes
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Consensus statements, evidence synthesis, international teams, best practices
- **Duration** - 75 minutes



Workshop «Building Consensus Through Sharing Collective Wisdom: Working Together to Develop Best Practices for Supporting Consensus Statements» III

Zahra Premji, PhD MLIS, is the Health Research Librarian at University of Victoria, and **K. Alix Hayden, PhD**, is a health sciences librarian at University of Calgary. They both have extensive experience consulting with students and researchers, and co-author a variety of evidence synthesis review types. They have both been involved as co-instructors for either undergraduate or graduate courses on knowledge synthesis. They jointly supported/conducted 10 systematic reviews for the 6th International Consensus Statement for Concussion in Sport. Alix has prior experience with 2 other consensus statements, and both Alix and Zahra are each in the midst of consensus-related reviews.



Workshop «Building the influence and visibility of the academic library on campus» I

In this workshop, we will delve into the challenges faced by academic libraries in today's dynamic environment. Over the course of the session, we will explore strategic approaches aimed at enhancing library impact, visibility, and recognition. Topics covered include aligning library outreach with university strategic plans, understanding and managing stakeholder relationships, and showcasing library value. The presentation will draw from real-world experiences of Polish library leaders, offering step-by-step guidelines for implementing effective strategies.

This engaging workshop kicks off with a warm welcome, encouraging participants to introduce themselves and outline their roles. The overarching goal of the workshop will be set, establishing a collaborative and productive atmosphere. Participants will jointly establish workshop rules, forming a mutual contract to ensure a constructive learning environment.

The agenda unfolds with a focus on understanding the key goals of universities, fostering a shared perspective. Through interactive discussions, attendees will explore the specific goals relevant to their respective institutions, setting the stage for tailored insights.

The session then seamlessly transitions into a comprehensive introduction to stakeholder mapping, laying the groundwork for the subsequent activities. Drawing inspiration from the Mayfield method, participants will actively engage in a group activity dedicated to developing stakeholder maps. This hands-on approach ensures practical skill development and immediate application of learned concepts.

Following the interactive exercise, the workshop moves into a reflective discussion on the outcomes of stakeholder mapping. Participants will share insights, challenges, and successes, fostering a collaborative learning environment.

To bridge the gap between library initiatives and broader campus objectives, the agenda includes a brainstorming session in groups. Attendees will explore how the library can effectively support key goals on the campus. Through group discussions and idea generation, participants will contribute to a collective pool of strategies, enriching the overall learning experience.

By the end of this workshop, participants will not only gain insights into strategic library leadership but also actively contribute to the co-creation of materials, ensuring tangible takeaways for their libraries.



Workshop «Building the influence and visibility of the academic library on campus» II

- Presented by **PAULA MILEWSKA** (Elsevier), **WITOLD KOZAKIEWICZ** (Information and Library Center, Medical University of Lodz)
- **Topic Areas** - Visibility & Strategic presence
- **Description of design for interactivity** - Participants will engage in focused group discussions, sharing insights and experiences related to library leadership. Practical exercises, inspired by stakeholder mapping techniques, will foster collaborative problem-solving. The workshop will encourage dynamic interactions through a mix of knowledge-sharing sessions, focus group discussions, and practical hands-on exercises, ensuring an immersive learning experience.
- **Learning Outcomes or Session Outputs** - By the end of the workshop, participants will apply strategic approaches to align library goals with university strategic plans; implement stakeholder mapping techniques for effective relationship management; showcase the library's value through practical exercises and discussions; contribute to co-created materials, drawing from their experiences and insights, for ongoing reference.
- **Target audience** - This intermediate-level workshop is specifically tailored for library leaders seeking to enhance their strategic thinking and impact on campus. It is designed for individuals in leadership positions within libraries, offering insights applicable to diverse library settings.
- **Level** - Intermediate
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - strategic management, academic library, stakeholder map, leadership, visibility
- **Duration** - 150 minutes



Workshop «Creating a brand for your library» I

Library users interact with our services in a variety of ways. Some might only visit our physical spaces, while others might make extensive use of our e-resources having never stepping foot in the library. Having an identifiable brand for your library can ensure these services feel cohesive, and helps users understand which services the library provides for them.

In this hands-on session, you will have a go at creating brand guidelines for your library that take your institution's branding as a starting point, and build a complementary but recognisable identity. Working within the institution's colour palate and guidelines, you will build a branding style where colours, fonts and other elements of design ensure that everything you produce is consistent, professional, and easily identifiable as the library. Finally, you will try putting your new brand guidelines into action, using the principles you've decided upon to create a poster for your library.

The workshop presenter will guide you through the process, offering advice based on her own experience.



Workshop «Creating a brand for your library» II

- **Presented by** SUZANNAH BRIDGE (Bodleian Libraries, University of Oxford)
- **Topic Areas** - Visibility & Strategic presence
- **Description of design for interactivity** - Participants will work on creating their own brand guideline and a poster during the session. Conversation and discussion with other participants will be actively encouraged throughout this process to foster creativity.
- **Learning Outcomes or Session Outputs** - During the session you will work on developing your brand using a template. By the end of the session you will have created draft brand guidelines for your library, and tested this out by creating a poster in keeping with your branding. Participants will have access to the brand guidelines template, and a list of resources to support the development of their brand guidelines, and the subsequent creation of new branded materials.
- **Target audience** - Anyone involved in making posters, signs, user education materials, or similar materials for their library.
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - Yes
- **Keywords** - branding; visual identity
- **Duration** - 75 minutes



Workshop «Creating a brand for your library» III

Suzannah Bridge is an Outreach Librarian at the Bodleian Health Care Libraries at the University of Oxford. She recently completed a re-branding project for the Bodleian Health Care Libraries.



Workshop «Development of a New Strategic Plan in an Academic Health Sciences Library: Creating a Holistic Experience that includes all staff in planning and implementation» I

CONTEXT: There are many published methods available to guide the creation of a strategic plan for an academic health sciences library. Traditionally, many of these plans have been “top down,” meaning they were created by senior library leadership or other institutional leaders and handed down to staff. This can negatively impact adoption of the plan if staff feel they have no direct investment in the process. This presentation will describe the method used by the Countway Library/Harvard Medical School to plan and implement its 2023-2027 plan. This method welcomes and encourages all staff the ability to provide input at each step of the process.

OBJECTIVES: In 2023, the Countway Library began developing a new 5-year strategic plan. While the library director called for the new plan to be developed, she played only a small role in determining what strategic initiatives would be the focus of the plan. From the start, a process was developed where all staff from all departments would be involved in the preparation and implementation of the plan. Through this holistic approach, staff will understand throughout the process that their voices, concerns, and ideas are being heard and acted upon.

DESIGN: Like many academic libraries, the Countway consists of a central administrative unit and many departments. Historically, these departments have worked in a siloed environment. In 2022, a new standing team consisting of all department managers was gathered. This would be the first time many of these managers worked together in a coordinated effort. The group worked with the strategic planning coordinator (author) to affirm the four major areas upon which the new plan would focus. This group then charged four new teams comprised of staff to conduct a detailed analysis of each focus area and to suggest goals and recommendations for the final plan.

EVALUATION: The department managers group, meeting every other week, will build a rubric upon implementation of the plan in early 2024 that will be used to continually monitor progress of the plan. This progress “dashboard” will be available for all staff to consult at any time.

OUTCOMES & NEXT STEPS: Every Countway Library staff member enthusiastically served as a member of one of the four teams mentioned above. Reports were submitted and presented at a staff retreat in June 2023. During the summer of 2023, the author and another senior leader compiled all goals and recommendations into a draft of the new plan. This plan will be presented at another staff retreat in late November 2023. In early 2024, the manager’s team will determine the timeline for implementing the plan and where the responsibility for each goal lies, and will charge either departments or new integrated staff teams to develop and carry out action plans.

This presentation will walk attendees through this unique strategic planning process, focusing on how a successful plan that all staff “own” can be a holistic way to operationalize the goals that will drive the current strategic initiatives of the Countway Library for the next five years.



Workshop «Development of a New Strategic Plan in an Academic Health Sciences Library: Creating a Holistic Experience that includes all staff in planning and implementation» II

- **Presented by** LEONARD LEVIN (Harvard Medical School)
- **Topic Areas** - Visibility & Strategic presence
- **Description of design for interactivity** - The session will be comprised of: 1. A presentation of the methodology used to create and implement the strategic plan, 2. handouts that include the full plan, 3. ample time to discuss library strategic planning in general (the presenter has 20+ years of experience of working with academic health science libraries strategic plans) 4, a discussion of how use active language in creating goals and 5., how to effectively present the plan to institutional leadership, faculty, library users, and other stakeholders.
- **Learning Outcomes or Session Outputs** - Following this presentation, attendees will understand the importance of strategic planning in the academic health sciences library environment; be able to evaluate how the methods described can be utilized within their own library environment; will acquire skills and documentation that can help them develop and justify a similar yet unique plan for their library and will have the knowledge as to where to find additional resources.
- **Target audience** - Health sciences librarians interested in further developing strategic initiatives at their library
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Strategic Planning
- **Duration** - 75 minutes



Workshop «Development of a New Strategic Plan in an Academic Health Sciences Library: Creating a Holistic Experience that includes all staff in planning and implementation» III

Len Levin is the Deputy Director of the Francis A. Countway Library of Medicine, Harvard Medical School, Boston. He manages the Research & Instruction Department, the Collections & Knowledge Management Department, and is responsible for library finances. Len holds a Masters Degree in Library and Information Sciences and a Master of Arts in Psychology and Religion. Before joining the Countway, Len served as Manager of Clinical and Educational Services at the Lamar Soutter Library, University of Massachusetts Medical School, where he continues to hold a faculty appointment in the Department of Family Medicine and Community Health.



Workshop «Emotional labour in library work: understand, identify, and manage for a healthier work life» I

Purpose - To increase awareness of the role emotions and emotional labour (EL) play in library work; to have attendees work together to see concrete examples of EL in their own work lives; to think critically about the need for and methods for performing EL; and to collectively discuss strategies to manage our emotional workload.

Background - The emotional labour performed in libraries has been slowly gaining recognition. Helping a distraught student meet a deadline, working with an angry faculty member who can't locate an article or resolving a conflict between coworkers, can all involve managing our emotions to achieve a desired result. Emotional labour was defined first in Arlie Hochschild's "The Managed Heart" (1983) as "the management of feeling to create a publicly observable facial and bodily display" (p. 7). Hochschild made a distinction between surface acting, or faking an emotion, and deep acting where a person endeavours to feel the required emotions (1983).

A review of the literature on emotional labour in academic libraries found 37 articles with a variety of themes. Some studies looked at sources of emotional labour, finding them to be both external with our user communities and internal with coworkers. They were positive, when our users appreciate us but also negative with complaints or conflict, for instance (Matteson, Chittock and Mease, 2015). Academic librarians who identify as outside the dominant library culture, either through a racial or ethnic identity were found to perform an extra layer of emotional labour through attempting to "fit" into the dominant culture in libraries (Brown et al., 2018; Kendrick and Damasco, 2019, Vong 2022).

Some studies looked at factors that made emotional labour more sustainable to perform. Deep acting was found to be associated with less negative outcomes than surface acting (Matteson & Miller, 2014, Julien and Genuis, 2008). Grønlund and Ringnes (2017) propose the use of the emotion regulation strategy social sharing, as to downregulate negative emotions and upregulate positive emotions in the library context.

When discussing management strategies for emotional labour, many authors stressed the importance of education on emotional labour (Shuler & Morgan, 2013, Peng, 2015, Matteson & Miller, 2014) so it would be our pleasure to share what we've learned in an active learning environment to help our colleagues learn about and better manage their emotional labour. It is our hope that this will enable participants to be agents of change, improving the emotional environment in their workplace.

Summary & Activities - In this workshop, the facilitators will share what they learned through a comprehensive review of the literature on emotional labour in academic libraries. Following this, participants will gather in groups of three or four at different tables to work through a series of discussion prompts, with a large group discussion following each activity. The activities will include: identifying examples of emotional labour in our own work and that of staff we may manage; considering when we are surface acting or deep acting; and discussing emotion regulation sharing strategies for managing this work.



Workshop «Emotional labour in library work: understand, identify, and manage for a healthier work life» II

- **Presented by** ELENA PRIGODA-SPRINGALL (University of Toronto), HEGE KRISTIN RINGNES (Oslo Met), KAREN MARIE OVERN (NTNU)
- **Topic Areas** - Libraries as change agents
- **Description of design for interactivity** - We will use the World Café method in this session. We will first give an intro to the topic and walk participants through an agreement to foster psychological safety. Then, people will gather in groups of three or four at different tables to discuss a series of prompts. Volunteers will report back to the larger group after each discussion. If feasible, participants will use jamboards to keep track of their group discussions and the information will be shared back with them after the session.
- **Learning Outcomes or Session Outputs** - Understand: Emotional labour: what it is and how we perform it, the difference between surface and deep acting, the costs of emotional labour specifically burnout, and management strategies; Apply: this knowledge to their own work environment to see examples of where they and their coworkers are performing emotional labour; Analyze: When they perform surface acting or deep acting, how this feels both in the short term and long term; Evaluate: whether display and emotion rules are written or unwritten, inclusive, fair; Create: a list of strategies for managing emotional labour.
- **Target audience** - Any conference attendee. While our examples will be based on people working in libraries, any person who works with other people will find this workshop applicable to their experience.
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Emotional labour
- **Duration** - 75 minutes



Workshop «Emotional labour in library work: understand, identify, and manage for a healthier work life» III

Elena Springall is an Instruction & Faculty Liaison librarian at the University of Toronto. Elena has worked in health sciences librarianship for 18 years and has participated in five EAHIL conferences.

Hege Kristin Ringnes, Senior Research Librarian, Ph.D. at Oslo Metropolitan University Library. Hege Kristin have used emotion theory in research projects within psychology, and uses this approach in earlier and ongoing library research.

Karen Marie Øvern is a Senior Research Librarian at Norwegian University of Science and Technology. Her publications have been concerned with pedagogy and information literacy, but she has lately taken an interest in vocational awe.



Workshop «Exploring ChatGPT: Potential applications for designing systematic literature searches» I

Purpose - This workshop will explore the potential for ChatGPT to be used in the development of systematic literature review searches. Through exercises and group discussion, participants will gain hands on experience in using ChatGPT to design a systematic literature review search for the platform PubMed. Participants will also develop an understanding of the benefits and possible pitfalls when using ChatGPT to design a literature search strategy.

Background - The development of artificial intelligence and large language models may facilitate the production of systematic reviews. One such model is ChatGPT, which was created by the company OpenAI (<https://openai.com/blog/chatgpt>). ChatGPT was trained using 570GB text-based data from the internet¹. ChatGPT responds to prompts or questions from users in a conversational manner² and can be used for tasks such as writing essays, summarising content, and debugging code. Given that ChatGPT is a language model, it may be possible to use it for certain aspects of the systematic review process that require the interpretation of text. For instance, Qureshi et al. suggested that ChatGPT may be helpful in formulating a research question, creating a systematic search strategy, and synthesising research studies³. Researchers have also explored the effectiveness of systematic search strategies developed in ChatGPT using a variety of prompts⁴. Wang et al. tested the precision and recall of various prompts as well as examining the difference between a one-shot and guided approach to prompt engineering⁴. These prompts and different approaches to prompt engineering will be explored in the workshop and participants will gain experience in developing their own prompts.

Summary and activities - Prior to the workshop participants are asked to complete 2 tasks (signup for free ChatGPT account (GPT 3.5): <https://chat.openai.com/auth/login> and read the following article, which introduces ChatGPT: <https://www.sciencefocus.com/future-technology/gpt-3>).

During the workshop – Introduction; task 1: participants are presented with a scenario and asked to design a literature search in ChatGPT; group discussion; presentation on effective prompts for ChatGPT; task 2: participants refine their own prompts for ChatGPT; plenary discussion.

NB Participants are asked to bring a laptop, tablet or similar device for the workshop with access to the internet.

References - Hughes, Alex. "Chatgpt: Everything You Need to Know About Openai's Gpt-4 Tool." BBC Science Focus, 2023, September 25. <https://www.sciencefocus.com/future-technology/gpt-3>.; OpenAI, "Introducing Chatgpt," 2022, November 30, <https://openai.com/blog/chatgpt#OpenAI>.; Qureshi, Riaz, Daniel Shaughnessy, Kayden A. R. Gill, Karen A. Robinson, Tianjing Li, and Eitan Agai. "Are Chatgpt and Large Language Models "the Answer" to Bringing Us Closer to Systematic Review Automation?". *Systematic Reviews* 12, 72 (2023). <https://doi.org/10.1186/s13643-023-02243-z>.; Wang, Shuai, Harrison Scells, Bevan Koopman, and Guido Zuccon. "Can Chatgpt Write a Good Boolean Query for Systematic Review Literature Search?". arXiv (2023). <https://doi.org/10.48550/arXiv.2302.03495>.



Workshop «Exploring ChatGPT: Potential applications for designing systematic literature searches» II

- **Presented by** SIMONE WILLIS (Cardiff University), MALA MANN (Cardiff University)
- **Topic Areas** - Research & Open Science; Technology & Tools
- **Description of design for interactivity** - Flipped learning: Participants are asked to register for a ChatGPT account and read an introductory article about ChatGPT ahead of the session. During the session participants will complete a literature searching task using prompts in ChatGPT, complete interactive polls, and discuss their experiences of using the platform.
- **Learning Outcomes or Session Outputs** - Design a search strategy using prompts in ChatGPT; Evaluate the opportunities and obstacles of using ChatGPT for designing a search strategy; Understand how basic principles of large language modelling can be applied to literature searching.
- **Target audience** - Librarians/information specialists who design and conduct literature searches with an interest in artificial intelligence
- **Level** - Any
- **Prior knowledge or experience needed in participants?** – No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - ChatGPT, Large language models, Artificial intelligence, Literature searching, Prompt engineering
- **Duration** - 75 minutes



Workshop «Exploring ChatGPT: Potential applications for designing systematic literature searches» III

Simone Willis is a Systematic Reviewer for the Specialist Unit for Review Evidence (SURE) at Cardiff University. She is experienced in evidence synthesis in health and social care topics. Simone has experience in all aspects of the review process from protocol development to evidence synthesis. Currently, Simone contributes to reviews for NICE and HCRW.

Mala Mann is a Systematic Reviewer at SURE, Cardiff University with over 20 years experience. Mala has co-authored over 150 publications and has expertise in advanced searching and developing systematic review methodologies. She provides training for staff and students, and has conducted workshops across Europe.



Workshop «Exploring the needs for Competence Development for Medical Information and Library professionals: A Lego Serious Play Workshop» I

This 150-minute interactive workshop will explore the educational needs for future medical information and library professionals. Through a series of engaging activities using Lego Serious Play, participants will identify and discuss the competencies necessary for success in the field.

The Lego Serious Play (LSP) methodology is a workshop technique that uses LEGO bricks as a medium for creative and collaborative problem-solving, strategic planning, and communication. It is based on the idea that building with LEGO bricks makes participants use their hands to express their thoughts and ideas and as such engage different parts of the brain.

The facilitator asks an open-ended question and participants use LEGO bricks to create models that represent their thoughts, ideas, and emotions. The Question for this workshop will be - “What will be the most needed competence for Medical Information and Library professionals in the future?”

Participants explain the meaning and significance of their models in smaller groups. This helps to clarify and deepen the understanding of the issues being discussed. The use of physical models helps breaking down communication barriers and encourage active participation. LSP promotes equal participation among all workshop attendees, ensuring that everyone's perspectives and ideas are considered. The playful and non-threatening nature of LEGO bricks encourages a relaxed atmosphere, reducing anxiety and facilitating creative thinking.

Having built and explained the metaphors in smaller teams, participants will be asked to connect their individual metaphors to those of their teammates and as such creating a shared vision for the future Medical Information and Library professionals. These will then be shared between the participating teams.

Lego Serious Play is valued for its ability to unlock creativity, promote open dialogue, and yield meaningful insights in a structured and playful manner.

The agenda includes - introduction to Lego Serious Play methodology; building metaphorical models using Lego bricks to represent needed competences for Medical Information and Library professionals; sharing and discussing models in small groups, encouraging diverse perspectives; collaboratively creating a shared vision for the future Medical Information and Library professionals; reflecting on the workshop experience and identifying actionable takeaways for competence development.



Workshop «Exploring the needs for Competence Development for Medical Information and Library professionals: A Lego Serious Play Workshop» II

- **Presented by** CHARLOTTE WIEN (Elsevier)
- **Topic Areas** - Shaping the Educational Environment; Libraries as change agents
- **Description of design for interactivity** - This workshop will employ Lego Serious Play as the primary method for interaction. Participants will engage in hands-on building, group discussions, and reflection activities. Small group work will foster collaboration and diverse insights. The workshop will conclude with a group reflection, encouraging participants to share their insights and co-create a vision for competence development in health librarianship.
- **Learning Outcomes or Session Outputs** - understand the importance of competence development for Medical Information and Library professionals (Comprehension); identify key competencies and skills required for effective Medical Information and Library professionals (Analysis); explore creative solutions and strategies for competence development using Lego Serious Play (Synthesis); share insights and experiences with peers to enhance collective learning (Evaluation); co-create a vision for competence development of Medical Information and Library professionals (Creation); participants will produce metaphorical models representing the identified competencies (Co-created materials).
- **Target audience** - Health librarians, information professionals, educators, and individuals interested in health information and knowledge management. No prior experience with Lego Serious Play is necessary.
- **Level** - Intermediate
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Competence Development, Medical Information and Library professionals, Lego Serious Play, Interactive Workshop, Professional Development
- **Duration** - 150 minutes



Workshop «Exploring the needs for Competence Development for Medical Information and Library professionals: A Lego Serious Play Workshop» III

Dr. **Charlotte Wien** is Vice President of Library Relations at Elsevier and full professor of Scholarly Communication at the Health Faculty, Arctic University in Tromsø, Norway. She has many years of experience as research librarian and has been responsible for the development and daily operations of a midsize research library's services to researchers. Charlotte has facilitated numerous Lego Serious Play sessions and is of course certified LSP facilitator.



Workshop «Finding our way to effective use of GenAI tools (with some warning signs as well)» I

The astonishing rise in popularity of generative AI in the form of ChatGPT, Google Bard, Claude, Bing Copilot, and others raises enormous questions for librarians. This workshop explores the possibilities inherent in GenAI tools and the risks in adopting the potential of this giant leap in search technology.

The challenges facing libraries intensified with the introduction of ChatGPT in November 2022. Since then, other generative AI products have appeared that promise to deliver information that transcends what a librarian can do, not only in terms of relevance but also of comprehensiveness and speed. Particularly when it comes to medical information, which can have life or death consequences, librarians must be ready with evidence supporting their continued existence.

As “Dr. Google” is potentially being replaced by “Dr. ChatGPT”, it’s obvious that many of the risks for personal medical diagnoses escalate. However, medical librarians need to consider how to maximize GenAI technology to enhance their own research capabilities, while warning their users about the dangers inherent in the hallucination tendencies of the Large Language Models (LLMs) upon which ChatGPT and its ilk are based.

This workshop begins with a technology review of chatbots, LLMs, transformers, machine learning, Retrieval Augmented Generation (RAG) and associated technologies using GenAI in a search context. It distinguishes between information retrieval and information creation. It compares search strategies, search queries and prompt engineering. It raises questions and concerns about trust and reusability, particularly when it comes to systematic reviews.

Following that, the workshop will present several use cases of prompts that are effective for the research activities of medical librarians, inviting delegates to create their own prompts which the group will test out and critique. The interactive nature of the workshop will provide delegates with practical knowledge about GenAI tools.

To cement our reputation as experts in search technology and research ability, it’s necessary to stay up to date with AI-powered tools. This workshop equips medical librarians with in-depth understanding of how GenAI is evolving and with practical approaches for using the technology and tools for general reference questions, research projects, and systematic reviews. It's a new environment for searching medical literature and we need to be prepared.



Workshop «Finding our way to effective use of GenAI tools (with some warning signs as well)» II

- **Presented by** MARYDEE OJALA (Online Searcher/Internet Librarian International)
- **Topic Areas** - Technology & Tools
- **Description of design for interactivity** - The workshop will present several use cases of prompts that are effective for the research activities of medical librarians with templates for specific types of searching activities. Delegates will create their own prompts which the group will test out and critique. Interactivity will mostly be small group discussions.
- **Learning Outcomes or Session Outputs** - Delegates will learn how to apply prompt engineering techniques in a practical manner; understand the details of GenAI tools, including chatbots, LLMs, and transformers; analyze when it is appropriate to use GenAI for searching and when more traditional approaches should be used; and evaluate the results of search strategies, search queries, and prompt engineering.
- **Target audience** - Librarians and information professionals who conduct online searching for reference, research and systematic reviews.
- **Level** - Intermediate
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Online searching; Generative AI, Prompt engineering
- **Duration** - 75 minutes



Workshop «Finding our way to effective use of GenAI tools (with some warning signs as well)» III

Marydee Ojala edits Online Searcher, ILI365 eNews, and KMWorld. She plans programmes for library and technology conferences, such as Internet Librarian International. She writes about online research for a variety of publications. She began her career as a corporate librarian but has also worked for public and academic libraries as well as running an independent research business based in the U.S. and Denmark. Her MLS was earned at the University of Pittsburgh. She is active in SLA and IFLA.



Workshop «Getting started with creating advanced OpenRefine workflows: Systematic searching and enhancing publication data» I

The aim of this interactive workshop is to introduce participants to what is possible regarding advanced workflows in OpenRefine and to encourage them to apply these skills and continue learning. OpenRefine (<https://openrefine.org/>) is a powerful, free open-source tool. It allows to work with and understand large datasets and clean them, i.e., remove inconsistencies from datasets. Furthermore, one can quickly get started with enriching a dataset with data from other sources in tabular format or from web services. A great advantage is that all steps are documented, and workflows can be replicated and shared with others. We will introduce advanced workflows in OpenRefine based on two use cases:

Use case 1: OpenRefine and enhancing publication data. Concerning an institution's bibliography, the question might arise as to which publications have undergone peer review. To our knowledge, there is no web service where one could automatically request this information, e.g., based on a DOI. We therefore developed a workflow to check whether articles have been published in journals that are indexed in Scopus, the various Web of Science indices, and/or MEDLINE, respectively. The indexing in these established databases may serve as a proxy indicating peer review. This use case involves loading journal metadata from different sources and in different formats into OpenRefine, re-formatting and combining them, and matching them, based on ISSNs, to XML data from a university bibliography.

Use case 2: OpenRefine and systematic searching. The search interfaces of many trial registries and guideline databases fall behind those of established bibliographic databases and may lack functions needed in the context of systematic searching. Search histories and options for export of the results may not exist or may not deliver one of the common bibliographic metadata formats needed for further processing. Often many individual searches need to be carried out that will deliver overlapping search results. Carrying out and documenting searches manually may be cumbersome and susceptible to the introduction of errors. OpenRefine proved to be very helpful in several data sources to overcome the specific limitations regarding searching, documentation and export. Starting from a prepared search strategy it was possible with OpenRefine to search the websites or APIs, download results, deduplicate records, convert them into RIS format and provide proper search histories.

In summary, in the workshop we will - give introductions to the general idea and the specific use cases; together work through the example workflows; analyse and apply the OpenRefine code provided; discuss the use cases, the approaches on how to solve them and the implementation in OpenRefine.

Is preparation in advance by participants applicable? - Participants are asked to install OpenRefine on their own laptop and bring it to the workshop. Participants with no prior experience in OpenRefine are asked to familiarise themselves with the basic functions (see “**Prior knowledge or experience needed in participants**”).



Workshop «Getting started with creating advanced OpenRefine workflows: Systematic searching and enhancing publication data» II

- **Presented by** EVAMARIA KRAUSE (University Library of Augsburg), HELGE KNÜTTEL (University Library of Regensburg)
- **Topic Areas** - Research & Open Science; Technology & Tools
- **Description of design for interactivity** - Flipped classroom; Participatory live-coding; Demonstration and discussion of example.
- **Prior knowledge or experience needed in participants** - Participants will benefit most from the workshop if they are already familiar with the basic functions of OpenRefine, e.g., as taught in the CEC on OpenRefine at EAHIL in Rotterdam. In our view, the best option to learn these basis functions is to work through the Library Carpentry lesson materials on OpenRefine (<https://librarycarpentry.org/lc-open-refine/>). Alternatively, participants may watch this video introduction to OpenRefine with biodiversity data as a use case (<https://www.youtube.com/watch?v=jyUIT8ohlG4>).
- **Learning Outcomes or Session Outputs** - After this workshop, participants will be able to apply OpenRefine to create open and reproducible workflows; analyse use cases, break down into tasks and implement in OpenRefine; apply OpenRefine to reformat data; apply OpenRefine to enrich data by combining data from different tabular documents and XML files; describe what to consider when fetching data from websites and services. Step-by-step documentation of the workflows and the OpenRefine code (“macros”) will be made freely available for later reuse and adaptation.
- **Target audience** - The workshop is aimed at (medical) librarians, information specialists, librarians managing repositories, research data management professionals, and everyone interested in open and reproducible workflows.
- **Level** – intermediate/advanced
- **Prior knowledge or experience needed in participants?** - Yes
- **Is preparation in advance by participants applicable?** - Yes
- **Keywords** - OpenRefine; open and reproducible workflows; systematic searching; institutional bibliography; publication data
- **Duration** - 150 minutes



Workshop «Getting started with creating advanced OpenRefine workflows: Systematic searching and enhancing publication data» III

Evamaria is subject librarian for medicine and head of the medical library at Augsburg University Library, Germany. She is also part of the library's research data management and teaching teams. Since 2018, she has organized and taught different Library Carpentry workshops.

Website: <https://www.uni-augsburg.de/de/organisation/bibliothek/uber-uns/team-der-ub/evamaria-krause/>

Helge is subject and liaison librarian for medicine with University Library of Regensburg, Germany. He enjoys teaching and has a special interest in systematic searching, systematic reviews and other forms of evidence synthesis as well as research methodology. He is an EAHIL council member for Germany.

Website: <https://www.uni-regensburg.de/bibliothek/faecher/medizin/ansprechpartner/index.html>



Workshop «Introduction to research data management (RDM) for personal health data» I

Description / agenda of session - The interactive workshop starts with basic concepts of research data management, such as the FAIR data principles or metadata for research data. We will then follow the life cycle of research data - starting with the planning of a research project and ending with research data retrieval and post-project use. The workshop will also provide an insight into legal issues, including data protection and licences. Complementing the general content, we will present discipline-specific solutions and examples, especially for data from health studies. Practical exercises, e.g., on discipline-specific metadata or on recording a health study in the NFDI4Health Study Hub, are an important part of the workshop. NFDI4Health is a project that build infrastructure and services for the management of health data in alignment with other European initiatives. The Central Health Study Hub allows researchers to publish their project characteristics, documents and data related to their research project in a FAIR manner or to find information about past and ongoing studies. It is advantageous to bring your own laptop for this purpose.



Workshop «Introduction to research data management (RDM) for personal health data» II

- **Presented by** BIRTE LINDSTÄDT (ZB MED – Information Centre for Life Sciences), JULIA FÜRST (ZB MED – Information Centre for Life Sciences)
- **Topic Areas** - Shaping the Educational Environment; Research & Open Science
- **Description of design for interactivity** - We will use polls, group work, hands on demonstrations, discussions and research exercises.
- **Learning Outcomes or Session Outputs** - remember research data; evaluate RDM's usefulness; apply steps of research data life cycle to a project; understand types of metadata; remember metadata standards; understand FAIR data principles & apply them to own work; analyse FAIR and Open; remember GSP and scientific misconduct; remember RDM-related policies and guidelines to follow; analyse and combine CC licences & different study documents; remember steps to prepare study documents for publication & how to publish FAIR in the German Central Health Study Hub; remember types of documentation; remember types of shareable data.
- **Target audience** - Librarians, researchers or other interested persons who want to learn about research data management to be able to support and consult researchers from the health sciences or to implement it in their own research.
- **Level** - introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - research data management; research data; research support; health data; personal data
- **Duration** – 150 minutes



Workshop «Introduction to research data management (RDM) for personal health data» III

Birte Lindstädt

- Since 06/2014 Head of department Research Data Management, ZB MED Information Centre for Life Sciences
- 05/2014 Master in Information and Library Science, TH Cologne
- 06/2010–12/2016 Coordinator and managing director GOPORTIS Leibniz Library Network of the National Libraries TIB, ZBW, ZB MED, Cologne
- 12/1997–05/2010 Researcher and consultant, Institute for research in trade issues (IFH Köln), Cologne
- 02/1995–10/1997 Regional planning, Büro für Strukturentwicklung, Wittlich
- 02/1995 Diploma in Applied Geography, University Trier

Julia Fürst

- Since 03/2022 Department RDM, Data Steward in the project NFDI4Health,
- ZB MED Information Centre for Life Sciences
- 04/2021 Master in Information Science and Computational Linguistics,
- University Düsseldorf



Workshop «Lift Off to Leadership: Elevate Your Impact by Cultivating Skills and Mindset for Working with Senior Leaders» I

Are you an information professional eager to make a real difference in your library and the larger organization? Do you believe improved communication can lead to positive changes and enhance the value you bring to your community? In today's dynamic information landscape, librarians and information professionals play crucial roles as information experts. In this age where information is abundant, it is more important than ever to communicate the value of the library with organizational decision-makers effectively. This interactive workshop will equip you with insights, strategies, and tools to identify shared values, communicate more effectively with changemakers, and drive positive engagement within your library and broader organization.

What you'll gain - **Proven communication frameworks** to craft compelling messages that resonate with diverse stakeholders, particularly those at the senior level; **Business basics** to help you articulate the library's value proposition and impact; **Stakeholder engagement strategies** to help identify and engage key stakeholders, building meaningful relationships that lead to collaborative opportunities and support for your library's initiatives.

Recent research has found that there is much change occurring in and around libraries, requiring librarians and information professionals to re-think the library's role, services, and resources, and to continue to develop new skills, align goals with stakeholder needs, and inspire teams to evolve (Ashiq et al., 2021). However, learning the necessary competencies to strategically grow the skills and mindset needed to lead projects and teams in a constantly shifting landscape can be challenging, as many leadership skills are learned informally on the job or through continuing education (Ashiq et al., 2021; Farrell, 2019). Some of the key skills for leading and elevating library impact have been identified (Capdarest-Arest & Gray, 2020), and we will focus on vision, values identification, business, and communication skills in this workshop. Participants will identify how those skills can be applied to craft compelling narratives to engage stakeholders and decision-makers.

Session outline (subject to change) (Content - Activity Type) - *Welcome and workshop introduction* - Facilitator-led; *Quick knowledge check* - Individual activity; *Understanding the WHY* - Facilitator-led; *What are the library and stakeholders' shared values?* - Small group activity; *Shared skillset brainstorm* - Large group activity; *Understanding business basics* - Facilitator-led; *Calculating your return on investment (ROI)* - Small group activity; *Build a value story (SUCCESS model)* - Individual value activity; *Make a compelling pitch (pitch model)* - Paired exercise; *Wrap-up, closing knowledge check* - Facilitator-led, individual activity.

By the end of this workshop, you will be equipped with the knowledge and skills to communicate more effectively, authentically connect with stakeholders, advocate for your library's mission, and become a catalyst for positive change. Together with other workshop participants and the facilitators, we will practice crafting and articulating messages to elevate our visibility, demonstrate our impact, and respond to the needs of our evolving communities.



Workshop «Lift Off to Leadership: Elevate Your Impact by Cultivating Skills and Mindset for Working with Senior Leaders» II

- **Presented by** JAMIE GRAY (Weill Cornell Medicine – Qatar)
- **Other author** - NICOLE CAPDAREST-AREST (University of California – Davis)
- **Topic Areas** - Libraries as change agents; Visibility & Strategic presence
- **Description of design for interactivity** - Workshop participants will use various learning methods and modalities to engage with the learning materials. For example, activities will include small-group and large-group discussions, an instructional video, a shared skillset brainstorm, an individual value activity, and a paired project pitch exercise.
- **Learning Outcomes or Session Outputs** - By the end of this workshop, participants will be able to outline what information may be needed to create a solid business case; determine core operations or services the library provides and articulate how it supports organizational goals; Identify steps to communicate with library stakeholders compellingly; create and deliver a persuasive business pitch.
- **Target audience** - This interactive workshop is for individuals working in frontline, management, or leadership roles and engaging with stakeholders at senior levels within their respective organizations.
- **Level** – Introductory/Intermediate
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - Yes
- **Keywords** - management; leadership; storytelling; relationship building; communication
- **Duration** - 150 minutes



Workshop «Lift Off to Leadership: Elevate Your Impact by Cultivating Skills and Mindset for Working with Senior Leaders» III

Ms. **Jamie M. Gray**, MLS, MS, is the Director of the Health Sciences Library at Weill Cornell Medicine – Qatar. Her professional interests are varied and include interprofessional leadership, evidence-based practice, and the library's role in helping to address the social determinants of health.

Nicole Capdarest-Arest, MLA(LIS), AHIP is the Associate University Librarian for Research and Learning at UC Davis. Her current focus areas include academic library leadership, instructional design and best practices for teaching information and data fluency, and optimizing quality information retrieval processes for evidence-informed research.



Workshop «Playing games @ KU Leuven: A board game teaching researchers how to survive their research» I

KU Leuven Libraries – 2Bergen offers research support in Research Data Management (RDM), Open Access (OA) and Information Retrieval (IR). Over the years, we have developed standard recurring training sessions, customized training sessions and offered one on one support and guidance in each of these three topics. Recently, a new type of training was added to our arsenal: the Research Survival Game. This board game guides players through the basic concepts of Open Science, Open Access, Research Data Management and Information Retrieval. The game follows a researcher stranded on a desert island. The researcher will only be able to leave the island by conducting research in a reliable, reproducible, transparent and open way and thus gaining knowledge about RDM, OA and IR. This knowledge is obtained by answering the question and answer cards. Both the question and answer cards and the spaces on the board familiarize players with some of the key concepts of a research project. Each of the cards features a multiple choice or true/false question, along with the correct answer and a short explanation. The player who collects the most cards wins the game.

The Research Survival Game can be played by both early career and senior researchers as well as research support staff as the questions vary in difficulty. Through the use of playful learning, the game aims to make researchers aware of good practices related to RDM, OA and IR. By playing the Research Survival Game in an interactive workshop at EAHIL, our aim is to inspire participants with an alternative form of training. All the materials required to create this board game are available on Zenodo (<https://doi.org/10.5281/zenodo.8325499>), published under a CC BY-NC-SA license.



Workshop «Playing games @ KU Leuven: A board game teaching researchers how to survive their research» II

- **Presented by** ANOUK D'HONT (KU Leuven Libraries - 2Bergen), THOMAS VANDENDRIESSCHE (KU Leuven Libraries - 2Bergen)
- **Other authors** - LAURA MESOTTEN (KU Leuven Libraries), HANNE HEIRMAN (KU Leuven Libraries)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - Through game-based learning, participants are stimulated to think about the topics discussed on each of the question and answer cards. Two physical board games including pawns, dice and questions and answer cards, will be used to accommodate up to 20 players and introduce them to all kinds of good practices related to Research Data Management, Open Access and Information Retrieval.
- **Learning Outcomes or Session Outputs** - The audience will remember (level 1) good practices for conducting (open) research and should be able to understand (level 2) the importance of these practices. In addition, participants should be able to recognize and determine (level 3) those good practices and reach the level at which they identify the pitfalls researchers may encounter, analyze them (level 4) and support/give advice (level 5). Besides learning good practices for (open) research, the audience will also experience how to educate researchers using game-based learning (level 5-6: evaluate whether this approach can be used in their own institution and maybe create a similar game).
- **Target audience** - Any (biomedical reference) librarian interested in using game-based learning as an educational tool at their institution. This includes those with a keen interest in good research practices related to Research Data Management (RDM), Open Access (OA) and Information Retrieval (IR) as these are the topics handled in the Research Survival Game presented during this workshop.
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Research Data Management, Open Access, Information Retrieval, research support, Research Survival Game, game-based learning
- **Duration** - 75 minutes



Workshop «Playing games @ KU Leuven: A board game teaching researchers how to survive their research» III

Anouk D'Hont (PhD in Marine Biology, 2021) works as an information specialist at KU Leuven Libraries – 2Bergen offering support to researchers in Information Retrieval(IR), Research Data Management(RDM), and Open Access(OA), ranging from personalized one-on-one guidance to the presentation of workshops and informative sessions.

Since 2019, **Thomas Vandendriessche** (PhD Pharmaceutical Sciences (2011)/PhD Bioscience Engineering (2012)) is domain manager Research at KU Leuven Libraries – 2Bergen. Together with his team, he supports researchers in IR, RDM and OA. In 2019, Thomas raised the idea and co-founded the SIG Evidence-based Information within EAHL. Currently, he is co-chair of this SIG.



Workshop «Promoting and marketing library and information services: tips and tools for creating a communication plan» I

Purpose - A communication plan describes the current state and goals of a unit's — library's, department's, service's, project's etc. — communication. The plan defines the target audiences, main messages, communication responsibilities and measures. The main purpose of this interactive workshop is to offer the participants tips and tools for creating a communication plan for a library or a service or a team or another unit that communicates with customers.

Background - Nowadays, libraries and information services need to promote their services and collections as librarian and information specialist are no longer the search engines, and especially customers new to academia ask what libraries and librarians are for as there is Google. (1,2) Therefore, libraries and information services should formulate communication plans instead of, for example, assuming that users will automatically read their websites, watch their videos, or follow them on social media.

Summary - This interactive workshop will be very practical. It will encourage participants to get involved in creating a communication plan. The plan can be designed for the library or other information service or for a department or team or particular service. It can be scaled to fit different purposes.

Description of session and interactivity - Warm-up & forming small groups for the workshop, Online activities; Introduction to communication plan template, Presentation & Online activities; Defining target audiences, Presentation & Online activities; Formulating key messages, Group work; Defining communication responsibilities, Presentation & Group work; Choosing communication measures, Presentation & Group work; Take-home messages & Feedback.

Session Outputs - As a result of the workshop, participants will know the key steps involved in designing, preparing, and delivering a communication plan; know the elements of a communication plan; know the principles of creating a communication plan; have exchanged experiences with others and created a take-home-message. Ideally, they have learned to recognize the strategic importance of the plan and understand its role in promoting visibility and are able to apply what they have learned in their own organization. They can analyse and evaluate the usability of the plan in their own context and can create their own visibility plan.

References - McClure, L. W. (2013). When the librarian was the search engine: introduction to the special issue on new roles for health sciences librarians. *Journal of the Medical Library Association*, 101(4), 257–260. <https://doi.org/10.3163/1536-5050.101.4.006>; Little, G. (2011). How I Learned to Stop Worrying and Love Google. *The Journal of Academic Librarianship*, 37(5), 443–444. <https://doi.org/10.1016/j.acalib.2011.06.021>



Workshop «Promoting and marketing library and information services: tips and tools for creating a communication plan» II

- **Presented by** TUULEVI OVASKA (University of Eastern Finland)
- **Topic Areas** - Visibility & Strategic presence
- **Description of design for interactivity** - Methods of the workshop will include, but may not be limited to, brainwriting, dotwoting, dreaming, who-what-when-matrix. Online tools will include, but may not be limited to, AnswerGarden, Kahoot!, Mentimeter, Padlet. The workshop will be a mix of presentation and hands-on activities and encourage the participants to discuss the topic, to share their experiences, to improve their skills, to increase their competence, and to create a take-home message, not a complete communication plan.
- **Learning Outcomes or Session Outputs** - As a result of the workshop, participants will know the key steps involved in designing, preparing, and delivering a communication plan; know the elements of a communication plan; know the principles of creating a communication plan; have exchanged experiences with others and created a take-home-message. Ideally, they have learned to recognize the strategic importance of the plan and understand its role in promoting visibility, and are able to apply what they have learned in their own organization. They can analyse and evaluate the usability of the plan in their own context and can create their own visibility plan.
- **Target audience** - The participants are not expected to be in charge of communications in the library — though they can be — but they are expected to be interested in developing some parts of their organization's external and/or internal communications.
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - communications, promoting, marketing, branding, visibility
- **Duration** - 150 minutes



Workshop «Promoting and marketing library and information services: tips and tools for creating a communication plan» III

Tuulevi Ovaska, Senior Information Specialist, University of Eastern Finland Library, has been a librarian / information professional since 1990. Currently, is responsible for coordinating and developing the library's communications. Her tasks include also information skills training and guidance.



Workshop «Research Data Management @ KU Leuven: Interactive workshop on metadata and documentation» I

Research Data Management (RDM) plays a vital role in the research process, with the primary objective of enhancing efficiency and transparency. It seeks to meet the criteria and expectations set forth by research institutions, funding agencies, publishers, and legal frameworks. The ethical and scientific advantages of RDM are well-established and widely recognized. A crucial aspect of RDM involves ensuring that data possess comprehensive metadata and documentation. Metadata and documentation serve to provide essential context for the data, simplifying interpretation and fostering the discoverability, compatibility, and reusability of the data.

Despite their importance, metadata and documentation are often overlooked and misunderstood by researchers. In order to create awareness and know-how, KU Leuven Libraries has developed an engaging and interactive workshop for biomedical researchers that places a strong emphasis on the concept and use of metadata and documentation. During this workshop, participants acquire the skills to identify, utilize, and implement metadata and documentation on relatable example data with regard to implying it to their own data at a later stage.

By presenting this workshop at EAHIL, our aim is to (1) make fellow (biomedical reference) librarians/information specialists familiar with the concepts of metadata and documentation; (2) create awareness of why metadata and documentation are so important in the research lifecycle; (3) learn the necessary skills on how to enrich data with metadata and documentation and (4) show insights on how those newly inquired skills can be transferred to researchers. The workshop consists of an introductory presentation, interactive exercises, polls, and brainstorms. The following topics will be covered in depth: organizing files and folders, identifying information within data files and in datasets, searching for a metadata standard, metadata schemes and depositing data in a repository.

In addition, besides inspiring our peers we hope to get inspired as well, allowing us to further enhance the support we offer in the realm of metadata and documentation.



Workshop «Research Data Management @ KU Leuven: Interactive workshop on metadata and documentation» II

- **Presented by** ANOUK D'HONT (KU Leuven Libraries – 2Bergen), THOMAS VANDENDRIESSCHE (KU Leuven Libraries – 2Bergen)
- **Other authors** - MARLEEN MARYNISSEN (KU Leuven Libraries – 2Bergen), SYLVETTE VANDERSTRAETEN (KU Leuven Libraries – 2Bergen), MARK VERBRUGGE (KU Leuven Libraries – 2Bergen)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - Through an introductory presentation, group work, interactive exercises, polls, and brainstorms; the participants of the workshop will go over the following topics: organizing files and folders, identifying information within data files and in datasets, searching for a metadata standard, metadata schemes and depositing data in a repository.
- **Learning Outcomes or Session Outputs** - The audience will learn how to identify and recognize (level 1) metadata and documentation from provided example data. At more advanced level, the audience should be able to understand (level 2) the importance of metadata and documentation within the data lifecycle. In addition, participants should be able to apply (level 3) metadata (standards) and documentation to example data and use these to upload data to a repository. Finally, they should reach the level at which they recognize the pitfalls researchers may encounter, analyze them (level 4) and support/give advice (level 5) to researchers.
- **Target audience** - Any (biomedical reference) librarian with a keen interest in Research Data Management: those who are already involved in Research Data Management, and those wondering what their role can be in RDM at their institution, especially focusing on metadata and documentation. In addition, given the similarities between Research Data Management and Clinical Data Management, this workshop will turn out useful for librarians involved in clinical trials as well. And, since the importance of adequate Data Management is not limited to academic institutions/hospitals only, this workshop will be interesting for librarians working for public hospitals as well.
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Research Data Management, metadata, documentation, research support, training
- **Duration** - 150 minutes



Workshop «Research Data Management @ KU Leuven: Interactive workshop on metadata and documentation» III

Anouk D'Hont (PhD in Marine Biology, 2021) works as an information specialist at KU Leuven Libraries – 2Bergen offering support to researchers in Information Retrieval(IR), Research Data Management(RDM), and Open Access(OA), ranging from personalized one-on-one guidance to the presentation of workshops and informative sessions.

Since 2019, **Thomas Vandendriessche** (PhD Pharmaceutical Sciences (2011)/PhD Bioscience Engineering (2012)) is domain manager Research at KU Leuven Libraries – 2Bergen. Together with his team, he supports researchers in IR, RDM and OA. In 2019, Thomas raised the idea and co-founded the SIG Evidence-based Information within EAHIL. Currently, he is co-chair of this SIG.



Workshop «Sharing Challenges for Research Assessment Supporting Services within the EAHIL» I

This workshop will focus on how the new scenario of open access/open science and new metrics affects the work of librarians and how they can contribute to make this change easier in their institutions.

The aims of the workshop are first, to inform about current developments in this field and second, bring together people for exchange of ideas and, eventually, for possible future collaborations.

Stakeholders such as the European Commission [1] or initiatives like the Coalition for Advancing Research Assessment (CoARA) [2] suggest a reform of the current research assessment practices towards responsible research assessment (RRA) and also give a framework how the changes should look like. Two of the main points are to consider the diversity of research and research careers as well as practices that support the transparency and reproducibility of research. The San Francisco Declaration on Research Assessment (DORA) [3] or the Leiden Manifesto [4] have suggested already several years ago to not only to consider journal based metrics alone but also include “alternative metrics” in order to widen the picture, include a broader range of research output such as datasets or software, but also to strive for more transparency for the assessment processes and calculation of indicators.

We, as librarians, will have to face the challenge of adapting to new models of evaluation, but also have to learn how we can help and educate researchers and authors to better understand these new ways of assessment and to adapt to those (e.g. setting up and updating ORCID profiles). Key questions are: How can we make sure that we are also considered as a point of reference with regard to these topics? Which resources and tools do we need to help researchers with narrative criteria, metadata for various publication types, persistent identifiers, selection of journals, etc.?

Agenda (75 minutes workshop) - Participants’ motivation to attend the workshop (5 min); Introductory presentation: Motivation for this workshop: Current developments in research assessment and how they affect the work of librarians (10 min) (Presenter: Alicia Fátima Gómez, Valeria Scotti, Jasmin Schmitz); Practical experience reports: use cases and daily needs (20 min) (Presenter report 1: Laura Muñoz, Andalusian Digital Library of Health (BV-SSPA)) (Presenter report 2: Greet Wieme, Knowledge Centre for Health Ghent); Activities of the SIG Metrics Group related to responsible research assessment and open science. How can we meet the challenges and serve our users? (Interactive activity in form of fast speed dating and discussion, 35 min) (Facilitators: Alicia Fátima Gómez (co-chair), Valeria Scotti (co-chair)); Wrap up and proposal for future actions (5 min).

[1] Towards a reform of the research assessment system: <https://data.europa.eu/doi/10.2777/707440>

[2] The Agreement on Reforming Research Assessment: <https://coara.eu/agreement/the-agreement-full-text/>

[3] DORA: <https://sfedora.org/>

[4] Leiden Manifesto: <https://doi.org/10.1038/520429a>



Workshop «Sharing Challenges for Research Assessment Supporting Services within the EAHIL» II

- **Presented by** JASMIN SCHMITZ (ZB MED – Information Centre for Life Sciences), ALICIA FÁTIMA GÓMEZ SÁNCHEZ (IE University, Library), LAURA MUÑOZ (Andalusian Digital Library of Health), VALERIA SCOTTI (Fondazione IRCCS Policlinico San Matteo of Pavia) and GREET WIEME (Knowledge Center for Health Ghent)
- **Topic Areas** - Research & Open Science; Libraries as change agents; Visibility & Strategic presence
- **Description of design for interactivity** - The workshop agenda contains room for an interactive discussion: This will be held as a brainstorming session in the form of a knowledge café session, where every idea or input will be taken into consideration, giving the importance of this field in our institutions. Depending on the number of attendants, there will be discussion working groups, and participants will share the final ideas with the complete round.
- **Learning Outcomes or Session Outputs** - Understand how current changes in research assessment affect the work of librarians; Analyze how the library can be considered as a point of reference by researchers with regard to assessment issues and changes in the assessment landscape; Synthesize how we can get support from other colleagues in the EAHIL community.
- **Target audience** - Everybody who is interested in topics and developments related to publication strategies, open science, bibliometrics/ scientometrics/ informetrics/ altmetrics and research assessment.
- **Level** - Introductory
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - research assessment, bibliometrics, research support services, open science, publication strategies
- **Duration** - 75 minutes



Workshop «Sharing Challenges for Research Assessment Supporting Services within the EAHL» III

Alicia Fátima Gómez - Library Director, IE University (Madrid, Spain).
Wide experience in open science, and research assessment.

Laura Muñoz - Head of the Management Department of the Andalusian Digital Library of Health (BV-SSPA, Sevilla - Spain). Specialist in license agreements with publishers.

Jasmin Schmitz - Head of PUBLISSO publication advisory services at ZB MED - Information Centre for Life Science (Cologne, Germany).

Valeria Scotti - Biomedical librarian in the Scientific Direction of the Foundation the Fondazione IRCCS Policlinico San Matteo of Pavia - Italy.

Greet Wieme - Information Specialist at the Knowledge Center for Health Ghent (Ghent University & Ghent University Hospital, Ghent, Belgium).



Workshop «The ultimate battle of the search methods: single line vs multiline» I

Searches for systematic reviews should be repeatable and efficient. Ideally, they should be understandable to others, such as the researchers performing the review and peer reviewers. They should also be repeatable for updates. A large variety of search methods exist, and each searcher has their own preferences. In general, there are three ways to set up a search strategy: True multiline searching means each individual search term has their own search line, element line searching consists of creating one search line for each element, and true single line searches combine all search terms (for all elements) as one search line using parentheses to combine terms.

Each of these three methods has their own benefits and problems and many people (including the presenters) are strong advocates of their own method of preference. In this battle workshop we aim to discover the benefits and problems for each of the three search methods. At the end we will determine the “winner” by seeing which method has the most benefits and the least problems. The goal of the workshop is not so much to change what works for you as a searcher but to become aware of our (historical) choices and rethink how they affect our work efficiency and how different situations might call for different methods.

The methods discussed are - True single line search: 3 elements, 40 terms, 1 search line. (*Intermediate variation: one single line multi paragraph search using Enters to demark the beginning of new elements, yet maintaining the usability of the single line structure using parentheses and ANDs.*); Element line search: 3 elements, 40 terms, ~5 search lines. (*Intermediate variation: separate lines per element for thesaurus terms and for title abstract terms: 3 elements, 40 terms, ~12 search lines*); True multiline search: 3 elements, 40 terms, ~45 search lines. Prior to the workshop each presenter will create a search strategy on a given topic in each of the three methods.

Timeline of activities - 0 - Short neutral description of the methods by the three presenters, one minute each; 5 - Discussion with the audience about what they think is important in search strategy creation; 10 - Voting by the audience which method they prefer, and what the reasons are for their preferences; 15 - Three presenters will demonstrate developing search strategies with their methods in 5 minutes, focusing on the advantages of their methods compared to the other methods and their experiences with the other methods in preparation; 30 - Second vote: has your opinion changed? Why or why not?; 35 - Participants attend one mini workshops of 20 minutes on one of the methods they did not prefer. Here, they are given practical examples to experience the benefits of the method compared to other methods. The mini workshop will focus on adapting an existing search strategy; 60 - Final vote/ discussion. Has your preference changed, will you try out a new method, what convinced you to change?; 70 - Conclusion and evaluation.



Workshop «The ultimate battle of the search methods: single line vs multiline» II

- **Presented by** WICHOR BRAMER (Erasmus MC), FLOOR BOEKELMAN (RIVM), MALA MANN (Cardiff University)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - During the workshop there are three moments of electronic voting followed by open discussion. During the mini workshops on the search methods each participant will work on their own computer in their own database of choice with examples given by the presenters to experience the effect of the methods. Agenda - Short description of the methods; Discussion and voting by the audience; Demonstration of three methods for developing search strategies; Second vote; Mini workshop of 20 minutes on one of the methods they did not prefer; Final vote/ discussion. Has your preference changed, will you try out a new method?
- **Learning Outcomes or Session Outputs** - Participants understand the differences between single line, element line and multiline search; Participants have experienced the benefits and barriers of the various methods; Participants will (re)evaluate for themselves which method works best.
- **Target audience** - The workshop is aimed at biomedical information specialists involved in designing searches for their clients, such as (but not limited to) systematic reviews or Critical Appraisals of a Topic.
- **Level** - The expected level of participants is intermediate/ advanced. Participants are expected to be familiar with search strategies, can use Boolean operators, parentheses, field codes, truncation etc. During the workshop each participant will work with one of the different databases/ Interfaces: Ovid (Medline and Embase); embase.com and PubMed. Experiences in one of these databases is a prerequisite.
- **Prior knowledge or experience needed in participants?** - Yes
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Databases; Literature searches; Search strategies; Boolean operators; Systematic reviews
- **Duration** - 75 minutes



Workshop «The ultimate battle of the search methods: single line vs multiline» III

Wichor Bramer 2009-present: information specialist at Erasmus MC, the Netherlands. PhD in 2019. Developed an efficient search method. Develops searches for over 150 systematic reviews annually. (co-)authored over 150 scientific journal articles.

Floor Boekelman 2020-present: information specialist RIVM, the Netherlands. Background in behavioural- and neurosciences. Advises researchers on open access, provides search training, and creates searches. Relatively new she fell in love with the work.

Mala Mann 1996-present Information Specialist Cardiff University, UK. Co-authored more than 150 publications. Particular expertise in advanced literature searching and developing systematic review methodologies. Advises, and trains both at her institute and internationally.



Workshop «Trusting the evidence: identifying problems and finding solutions as poorly conducted systematic reviews can lead to inaccurate representations of the evidence» I

Description / agenda of session - During the pandemic, the Evidence Synthesis Team at Exeter mapped the nature, scope and quality of evidence syntheses on COVID-19 to explore the relationship between review quality and the extent of researcher, policy and media interest. We found low quality reviews being published at pace, often with short publication turnarounds. Poorly conducted systematic reviews can lead to inaccurate representations of the evidence, misleading conclusions, and reduced applicability, limiting their usefulness and ultimately contributing to research waste. Library and information professionals play a crucial role in facilitating the conduct of robust systematic reviews that are published and communicated in a timely manner, reducing research waste and increasing the transparency and accessibility of all systematic reviews. Only four of the 51 reviews found in our study fully met the AMSTAR criteria for a comprehensive search strategy so as a community we need to take steps to ensure the searching is undertaken and reported accurately, and encourage others to adhere to conduct and reporting guidance.

This 75 minute workshop will consist of - A brief (10 min) presentation to outline the key issues identified from the research; The workshop participants will be split into small groups where each participant will take on the perspective of either: information professional, researcher, publisher and member of the public. Each group will have a selection of the research issues identified from our paper, Table F, and potential solutions to focus on and discuss. We will provide questions for the discussion which will be based around what changes individuals can make to help improve/resolve the issues highlighted and noting down achievable steps as part of a personal plan. All paper and action plan templates will be provided. (20 mins); We will come back together and present our discussions. (15 mins); We will regroup into groups representing similar perspectives and continue to discuss the issues and solutions that could be made at an organisational level (relevant to their background/perspective), noting down potentially achievable steps and action plans. Again, we will provide a list of the issues identified from our research, questions for discussion and paper templates for writing out action plans and steps which can be taken. (20 mins); We will come back together once again and share individual and organisational ideas or actions plans to try and help change happen. (10 mins).

References - WHEAR, R., BETHEL, A., ABBOTT, R., ROGERS, M., ORR, N., MANZI, S., UKOUMUNNE, O. C., STEIN, K. & THOMPSON COON, J. 2022. Systematic reviews of convalescent plasma in COVID-19 continue to be poorly conducted and reported: a systematic review. *Journal of Clinical Epidemiology*, 151, 53-64.; ABBOTT, R., BETHEL, A., ROGERS, M., WHEAR, R., ORR, N., SHAW, L., STEIN, K. & THOMPSON COON, J. 2021. Characteristics, quality and volume of the first 5 months of the COVID-19 evidence synthesis infodemic: a meta-research study. *BMJ Evid Based Med*.



Workshop «Trusting the evidence: identifying problems and finding solutions as poorly conducted systematic reviews can lead to inaccurate representations of the evidence» II

- **Presented by** ALISON BETHEL (University of Exeter)
- **Other authors** - MORWENNA ROGERS (University of Exeter), REBECCA WHEAR (University of Exeter), JILL BUCKLAND (University of Exeter)
- **Topic Areas** - Libraries as change agents
- **Description of design for interactivity** - Each participant will be assigned a role perspective: information professional, researcher, publisher or member of the public and will work in small groups to explore one or two of the issues raised by the research. We will share our discussions then go onto explore both individual and organisational action plans to take home.
- **Learning Outcomes or Session Outputs** - To Understand of some of the key issues around the quality and volume of evidence synthesis research published; To discuss potential solutions to these issues; To create action plans to make changes to personal or organisational ways of working to implement solutions/tackle the key issues moving forward in practice.
- **Target audience** - Any attendee at the conference
- **Level** - None required although some experience of using systematic reviews could be useful
- **Prior knowledge or experience needed in participants?** - No
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Research waste; systematic reviews; research quality
- **Duration** - 75 minutes



Workshop «Trusting the evidence: identifying problems and finding solutions as poorly conducted systematic reviews can lead to inaccurate representations of the evidence» III

Alison and **Morwenna** are Information Specialists for PenARC, University of Exeter Medical School. They have been in this role for over 12 years where they specialise in searching for systematic reviews and other types of evidence syntheses.

Jill is an Information Specialist for ISCA Evidence, University of Exeter. Jill has extensive experience in conducting literature searches and managing information, working in various sectors including the NHS and pharmaceuticals.

Rebecca Whear is a systematic reviewer for PenARC, University of Exeter Medical School. She has over 15 years experience delivering systematic reviews and other types of evidence syntheses around health services research.



Workshop «Turning a research question into a search strategy» I

Evidence-based practice (EBP), with its importance on finding evidence, provides healthcare librarians and information specialists a wide range of opportunities to use and promote their skills. This includes the ability to frame questions, design appropriate search strategies, locate information, as well as other tasks such as screening and selecting studies, data extraction and critical appraisal. This workshop will focus on the first two steps of EBP: 1) Asking an answerable question; 2) Finding the best available evidence. These steps are librarian centred and the workshop will offer techniques to help healthcare librarians/information specialists to retrieve information efficiently.

In asking an answerable question, individuals need to identify that there is a need for new information and understand how to convert an information query into an answerable question. The review question is often created by a research team and is frequently too broad or too narrow. Therefore, developing a search strategy can be challenging. Thus, it is important for healthcare librarians/information specialists to gain skills in developing a clear and focused question.

When finding the best available evidence individuals need to decide which sources to search and understand how to search them. The role of the healthcare librarian/information specialist as an expert searcher has been documented in the literature. They play a key role in undertaking the literature search for systematic reviews. It is vital to know how to construct a search strategy using the techniques of narrowing or expanding the search using Boolean operators, truncation, and wildcards.

1) Introduction and course overview (10 mins); 2) Task 1: Participants are presented with scenarios and asked to develop an answerable question. Group work (15 mins); 3) Group discussion (10 mins); 4) Planning your search. Presentation on what a good search strategy should look like (10 mins); 5) Task 2: Participants asked to translate the research question into a search strategy using Ovid Medline (15 mins); 6) Presentation on how to verify the strategy performance (10 mins); 7) Conclusion (5 mins).



Workshop «Turning a research question into a search strategy» II

- **Presented by** MALA MANN (Cardiff University) and SIMONE WILLIS (Cardiff University)
- **Topic Areas** - Research & Open Science
- **Description of design for interactivity** - The workshop will consist of lectures, quizzes, activities and demonstrations. Hands-on practice developing a search strategy in OVID Medline. Task 1: Participants will be asked to convert an information query into an answerable question. Task 2: Decide which key concepts address the different components of the and translate the research question into a search strategy using Ovid Medline. NB Participants are asked to bring a laptop, or similar device for the workshop with access to the internet.
- **Learning Outcomes or Session Outputs** - At the end of the course, participants will be able to analyse the difference between background versus foreground questions; create an answerable research question appropriate for a systematic review; apply advance search techniques to search effectively in Ovid Medline; develop confidence to teach these skills; understand how to evaluate the performance of a search strategy. The skills acquired will help in providing expertise in articulating a research questions and identifying the best available evidence.
- **Target audience** - Information specialists and librarians who design and conduct literature searches.
- **Level** - The expected level of participants is intermediate.
- **Prior knowledge or experience needed in participants?** - Yes
- **Is preparation in advance by participants applicable?** - No
- **Keywords** - Database searching, Developing questions, Information retrieval, Search strategies
- **Duration** - 75 minutes



Workshop «Turning a research question into a search strategy» III

Mala Mann is a Systematic Reviewer at SURE, Cardiff University with over 20 years' experience. Mala has co-authored over 150 publications and has expertise in advanced searching and developing systematic review methodologies. She provides training for staff and students and has conducted workshops across Europe.

Simone Willis is a Systematic Reviewer for the Specialist Unit for Review Evidence (SURE) at Cardiff University. She is experienced in evidence synthesis in health and social care topics. Simone has experience in all aspects of the review process from protocol development to evidence synthesis. Currently, Simone contributes to reviews for NICE and HCRW.



Parallel Sessions



Parallel Session

«Libraries as change agents 1»

- 1. Analytical autoethnography as coping mechanism for deeply emotional work** presented by INA FOURIE (Department of Information Science (iSchool), University of Pretoria)
- 2. Achieving 100% open access @University of Groningen: Libraries as positive change agents** presented by PETER BRAUN (Central Medical Library, University Medical Center Groningen, University of Groningen)
- 3. Gender*MoRe. Permanent documentation and monitoring center for Gender Bias in Science - University of Modena and Reggio Emilia (UNIMORE - Italy)** presented by ELENA GALLINA (Medical Library, University of Modena and Reggio Emilia) and NICOLA DE BELLIS (Bibliometric Office, University of Modena and Reggio Emilia)
- 4. Development of a competency framework for health information specialists in the Netherlands** presented by CHANTAL DEN HAAN (Department of Research and Epidemiology, Medical Library, OLVG Hospital)



Parallel Session

«Libraries as change agents 2»

- 1. Be careful! A Portuguese project about critical thinking and information literacy to counteract health disinformation in an academic context** presented by TATIANA SANCHES (UIDEF, Instituto de Educação (Universidade de Lisboa))
- 2. Catalysts of change: Empowering medical librarians as specialists in libraries redefining the scientific publishing landscape** presented by MAGDALENA KOKOSIŃSKA (Information and Library Center, Medical University of Lodz)
- 3. Individually we are valuable, together we are magnificent. Providing pathways to change through peer-support** presented by MARY DUNNE (Health Research Board) and NICOLA O'SHEA (Children's Health Ireland at Crumlin)
- 4. A New Path to Collaboration: Clinical Librarians' Involvement in Developing Hospital-based Care Signature Pathways** presented by ZSUZSANNA NEMETH (Cushing/Whitney Medical Library, Yale University) and HOLLY GROSSETTA NARDINI (Cushing/Whitney Medical Library, Yale University)



Parallel Session

«Libraries as change agents 3»

- 1. Information Retrieval @ KU Leuven: from a small biomedical service to a well-defined research support service for the entire university** presented by THOMAS VANDENDRIESSCHE (KU Leuven Libraries – 2Bergen – Learning Centre Désiré Collen)
- 2. Polish medical libraries in the service of open research data** presented by ANNA MATKOWSKA (Medical Library, Jagiellonian University Medical College)
- 3. Evidence-based searching: using Search Summary Tables to update Evidence and Gap Maps. A case study in intergenerational activities** presented by MORWENNA ROGERS (University of Exeter)
- 4. The challenge of a hospital network digital library towards open science in a health public system. The institutional health repository of Andalusia (RISalud-ANDALUCIA)** presented by LAURA MUNOZ-GONZALEZ (Andalusian Digital Library of Health)



Parallel Session

«Research & Open Science 1»

- 1. The TARCiS statement: Guidance on terminology, application, and reporting of citation searching** presented by CHRISTIAN APPENZELLER-HERZOG (University Medical Library, University of Basel)
- 2. Development towards a research intelligence dashboard in the University Medical Center Groningen: role of the Central Medical Library** presented by ROBIN OTTJES (Central Medical Library, University Medical Center Groningen)
- 3. Research News Media Influence on Altmetrics and Citation Behavior** presented by ARTEMIS CHALEPLIOGLOU (University of West Attica)
- 4. Librarians' quest to exhaustivity and openness: tracking institutional publications and observing evolving trends in data sharing** presented by FLORIANE MULLER (University of Geneva Library) and PABLO IRIARTE (University of Geneva Library)



Parallel Session

«Research & Open Science 2»

- 1. Applying research intelligence to health information behaviour research agendas for Africa: ensuring proactive, impactful research** presented by INA FOURIE (Department of Information Science (iSchool), University of Pretoria)
- 2. What is the role of CINAHL in rapid reviews of nursing topics?** presented by IRMA KLERINGS (University for Continuing Education Krems, Cochrane Austria)
- 3. There's no limit! Expanding horizons for information professionals in evidence synthesis** presented by MARK CLOWES (University of Sheffield)
- 4. Developing an automated search strategy to keep the Systematic Review Toolbox up to date** presented by ANTHEA SUTTON (University of Sheffield)



Parallel Session

«Research & Open Science 3»

- 1. Navigating Research Data Management in Medical Libraries of Pakistan: Embracing Small Steps and Giant Leaps in the New Environment** presented by NASIR AHMED KHAN (Aga Khan University)
- 2. Examining systematic review terminology and quality assessment in reviews of children's social care interventions** presented by SIMONE WILLIS (Cardiff University)
- 3. Open access: Dependence from major APC-based publishers in Portugal Subthemes: Research & Open Science** presented by SUSANA OLIVEIRA HENRIQUES (Faculdade de Medicina, Universidade de Lisboa) and TERESA COSTA (NOVA Medical School, Universidade NOVA de Lisboa)
- 4. The Information Specialist in Systematic Reviews: an active role? The example of the Italian oncological research field** presented by MARIA CHIARA BASSI (Medical Library, Azienda USL - IRCCS di Reggio Emilia), SIMONE COCCHI (Bibliometric Office, University of Modena and Reggio Emilia) and PAOLO GARDOIS (Medical Library, University of Turin)



Parallel Session

«Research & Open Science 4»

- 1. Data management skills for students of medical faculty and pharmacy: Our solutions** presented by IINA HEPOLEHTO (Helsinki University Library, Terkko Medical Campus Library)
- 2. Differences in search strategies and corresponding outputs between matching Cochrane Reviews, Health Technology Assessment (HTA) reports and other systematic reviews** presented by ERIK WIKSTRÖM (HTA South)
- 3. Search summary tables – The collected wisdom of two organisations** presented by ALISON BETHEL (University of Exeter)
- 4. An innovative approach to supporting evidence-based Adverse Outcome Pathways: a successful case study with librarians on the project team** presented by ELENA BERNARDINI (Università degli studi di Milano) and BARBARA VIVIANI (Università degli studi di Milano)



Parallel Session

«Shaping the Educational Environment 1»

- 1. Demonstrating the checklist for research data management in undergraduate student's thesis process** presented by TAISA SALLINEN (University Of Eastern Finland Library / Kuopio University Hospital Medical Library)
- 2. Welcoming new students – an easy ‘gamified’ way to introduce our library services and essential information resources in medicine and health sciences** presented by TIINA HEINO (Helsinki University Library, Terkko Medical Campus Library) and KATRI LARMO (Helsinki University Library, Terkko Medical Campus Library)
- 3. Cultivating curiosity: mastering the Art of Student Engagement** presented by ANNA SIKORSKA (Information and Library Center, Medical University of Lodz)
- 4. New learning experiences using arts and humanities in Academic Health Sciences Library** presented by DELPHINE BERTRAND (Université Libre de Bruxelles (ULB), Bibliothèque des sciences de la santé (BSS))



Parallel Session

«Shaping the Educational Environment 2»

- 1. Analysis of the Development and Change in Medical Tutors' Teaching in Problem-Based Learning** presented by KUBRA ZAYIM GEDIK (Bezmialem Vakif University)
- 2. Connecting and Supporting Systematic Reviewers: Using Microsoft Teams to Establish a Virtual Community of Practice** presented by REBECCA JONES (Imperial College London)
- 3. From one to a group: Development and implementation of a knowledge synthesis workshop series to train researchers and students across disciplines, and now, across institutions** presented by ZAHRA PREMJI (University of Victoria) and K. ALIX HAYDEN (University of Calgary)
- 4. Libraries as agents of sustainable development: strategies and good practices from Italy and Europe** presented by ANNA BILOTTA (Department of Cultural Heritage Sciences of the University of Salerno)



Parallel Session

«Visibility & Strategic presence 1»

- 1. New role for medical libraries: supporting researchers and technology transfer offices by searching patent databases** presented by ELISE KRABBENDAM (Erasmus MC)
- 2. A value for money, data-driven and transparent strategy to improve the Maastricht University Medical Centre/Faculty (MUMC+) e-journal collection** presented by FLOOR RUITER (Maastricht University)
- 3. Show and Tell: making an impact and telling the story of a long-term strategic approach to developing NHS knowledge and library services** presented by SUE LACEY BRYANT (NHS England)
- 4. Knowing how to communicate "knowledge". A training experience among biomedical documentalists** presented by FRANCESCA GUALTIERI (ROTTAPHARM BIOTECH s.r.l., Monza MB - Library and Archives)



Parallel Session «Technology & Tools 1»

1. **Automating search term identification with MeSH entry terms via API** presented by HELGE KNÜTTEL (University Library of Regensburg) and ELKE HAUSNER (IQWiG)
2. **"Finding what you expect, accessing what you need": customer journey analysis of the findability and access of library resources & services** presented by GUUS VAN DEN BREKEL (Central Medical Library, University Medical Center Groningen, University of Groningen)
3. **Iterative searches in citation databases – which free databases are suitable?** presented by ELKE HAUSNER (IQWiG)
4. **Sensitivity, precision and efficiency of search strategies built using a text-mining word frequency tool (PubReMiner) compared with current best practice search strategy building: a study within a review (SWAR) protocol** presented by MARIE CARRIGAN (Health Information and Quality Authority)



Parallel Session «Technology & Tools 2»

- 1. Our friends automatic: leading uptake of software tools to expedite the systematic review process** presented by ANTHEA SUTTON (University of Sheffield), MARK CLOWES (University of Sheffield) and LOUISE FALZON (University of Sheffield)
- 2. Natural Language Processing and scientific documentation: examples of applications and current project at Public Health France** presented by LAETITIA HAROUTUNIAN (Public Health France)
- 3. Improving FAIRness of datasets in institutional repository; tools and FAIR IMPACT challenge experience** presented by JOANNA OSIKA (Medical University of Gdańsk)
- 4. REDCap: a new custom-made system for monitoring the biomedical production of a new Italian Research Institute** presented by LAURA CHIERICO (Research & Innovation Unit, IRCCS Azienda Ospedaliero-Universitaria di Bologna), ROBERTA ZOLI (Research & Innovation Unit, IRCCS Azienda Ospedaliero-Universitaria di Bologna), CATERINA CICOGNANI (Research & Innovation Unit, IRCCS Azienda Ospedaliero-Universitaria di Bologna), HELENA POLICARDI (IRCCS Azienda Ospedaliero-Universitaria di Bologna) and LUIGIA SCUDELLER (Research & Innovation Unit, IRCCS Azienda Ospedaliero-Universitaria di Bologna)

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**Looking forward to
meeting you in Riga!**